Full&Default&ECI4 Power Mode

GSM850 Ant 0	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8	(dBm)
GSM 1 Tx slot	31.64	31.70	31.67	33.50	22.64	22.70	22.67	24.50
GPRS 1 Tx slot	31.66	31.68	31.65	33.50	22.66	22.68	22.65	24.50
GPRS 2 Tx slots	30.62	30.66	30.58	32.00	24.62	24.66	24.58	26.00
GPRS 3 Tx slots	28.55	28.61	28.57	30.00	24.29	24.35	24.31	25.74
GPRS 4 Tx slots	27.46	27.48	27.42	29.00	24.46	24.48	24.42	26.00
EDGE 1 Tx slot	26.84	26.88	26.85	28.00	17.84	17.88	17.85	19.00
EDGE 2 Tx slots	25.55	25.64	25.62	26.50	19.55	19.64	19.62	20.50
EDGE 3 Tx slots	23.17	23.27	23.22	24.50	18.91	19.01	18.96	20.24
EDGE 4 Tx slots	21.83	21.94	21.93	23.00	18.83	18.94	18.93	20.00

GSM1900 Ant 0	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8	(dBm)
GSM 1 Tx slot	27.99	28.10	28.06	29.00	18.99	19.10	19.06	20.00
GPRS 1 Tx slot	28.02	28.03	27.94	29.00	19.02	19.03	18.94	20.00
GPRS 2 Tx slots	27.00	27.06	26.98	28.00	21.00	21.06	20.98	22.00
GPRS 3 Tx slots	24.99	25.08	25.02	26.00	20.73	20.82	20.76	21.74
GPRS 4 Tx slots	23.94	24.04	23.99	25.00	20.94	21.04	20.99	22.00
EDGE 1 Tx slot	24.54	24.63	24.60	25.00	15.54	15.63	15.60	16.00
EDGE 2 Tx slots	23.15	23.18	23.16	24.00	17.15	17.18	17.16	18.00
EDGE 3 Tx slots	20.61	20.67	20.62	21.50	16.35	16.41	16.36	17.24
EDGE 4 Tx slots	19.04	19.09	19.05	20.00	16.04	16.09	16.05	17.00

Band		WCDMA II Ant 0			Tune-up Limit	WCDMA IV Ant 0			Tune-up Limit	WCDMA V Ant 0			Tune-up Limit
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	(dBm)	1712.4	1732.6	1752.6	(dBm)	826.4	836.4	846.6	(dBm)
3GPP Rel 99	AMR 12.2Kbps	22.11	22.23	22.20	23.00	22.01	23.15	22.05	23.00	24.18	24.32	24.22	25.00
3GPP Rel 99	RMC 12.2Kbps	22.15	22.30	22.23	23.00	22.05	22.22	22.18	23.00	24.26	24.34	24.29	25.00
3GPP Rel 6	HSDPA Subtest-1	21.22	21.34	21.28	22.00	21.11	21.21	21.16	22.00	23.31	23.37	23.40	24.00
3GPP Rel 6	HSDPA Subtest-2	21.14	21.22	21.18	22.00	21.03	21.08	21.11	22.00	23.27	23.35	23.22	24.00
3GPP Rel 6	HSDPA Subtest-3	20.69	20.81	20.68	21.50	20.64	20.67	20.61	21.50	22.81	22.90	22.83	23.50
3GPP Rel 6	HSDPA Subtest-4	20.66	20.70	20.66	21.50	20.62	20.63	20.58	21.50	22.76	22.86	22.73	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.19	21.26	21.19	22.00	21.07	21.17	21.06	22.00	23.32	23.35	23.37	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.12	21.20	21.08	22.00	20.99	21.14	21.03	22.00	23.18	23.27	23.20	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.54	20.75	20.60	21.50	20.39	20.67	20.53	21.50	22.69	22.85	22.66	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.52	20.66	20.64	21.50	20.47	20.54	20.54	21.50	22.58	22.71	22.71	23.50
3GPP Rel 6	HSUPA Subtest-1	21.02	21.19	21.18	22.00	20.94	21.11	21.14	22.00	23.13	23.28	23.19	24.00
3GPP Rel 6	HSUPA Subtest-2	19.16	19.27	19.25	20.00	19.04	19.12	19.17	20.00	21.23	21.37	21.28	22.00
3GPP Rel 6	HSUPA Subtest-3	20.26	20.29	20.30	21.00	20.22	20.16	20.25	21.00	22.34	22.44	22.35	23.00
3GPP Rel 6	HSUPA Subtest-4	19.14	19.23	19.09	20.00	19.07	19.17	18.98	20.00	21.22	21.29	21.22	22.00
3GPP Rel 6	HSUPA Subtest-5	21.12	21.22	21.08	22.00	21.03	21.08	20.99	22.00	23.16	23.28	23.27	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.77	18.91	18.74	19.50	18.65	18.85	18.67	19.50	20.78	20.96	20.89	21.50

GSM850 Ant 1	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	31.70	31.77	31.72	33.50	22.70	22.77	22.72	24.50
GPRS 1 Tx slot	31.69	31.74	31.67	33.50	22.69	22.74	22.67	24.50
GPRS 2 Tx slots	30.67	30.71	30.63	32.00	24.67	24.71	24.63	26.00
GPRS 3 Tx slots	28.55	28.64	28.59	30.00	24.29	24.38	24.33	25.74
GPRS 4 Tx slots	27.48	27.50	27.46	29.00	24.48	24.50	24.46	26.00
EDGE 1 Tx slot	26.58	26.69	26.68	28.00	17.58	17.69	17.68	19.00
EDGE 2 Tx slots	25.36	25.44	25.34	26.50	19.36	19.44	19.34	20.50
EDGE 3 Tx slots	23.05	23.10	23.01	24.50	18.79	18.84	18.75	20.24
EDGE 4 Tx slots	21.67	21.73	21.71	23.00	18.67	18.73	18.71	20.00

Band		WCDMA II Ant 1			Tune-up Limit (dBm)	WCDMA IV Ant 1			Tune-up Limit (dBm)	WCDMA V Ant 1			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	21.31	21.47	21.37	23.00	21.40	21.53	21.45	23.00	24.22	24.30	24.25	25.00
3GPP Rel 99	RMC 12.2Kbps	21.34	21.52	21.40	23.00	21.41	21.58	21.50	23.00	24.27	24.34	24.31	25.00
3GPP Rel 6	HSDPA Subtest-1	20.47	20.58	20.50	22.00	20.54	20.62	20.58	22.00	23.26	23.39	23.30	24.00
3GPP Rel 6	HSDPA Subtest-2	20.33	20.46	20.40	22.00	20.44	20.62	20.51	22.00	23.33	23.35	23.27	24.00
3GPP Rel 6	HSDPA Subtest-3	19.94	20.00	19.88	21.50	20.09	20.10	20.01	21.50	22.75	22.85	22.79	23.50
3GPP Rel 6	HSDPA Subtest-4	19.84	19.87	19.86	21.50	19.96	20.03	19.94	21.50	22.69	22.77	22.75	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.39	20.46	20.34	22.00	20.48	20.59	20.49	22.00	23.27	23.30	23.35	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.28	20.38	20.28	22.00	20.39	20.53	20.40	22.00	23.16	23.29	23.25	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.80	20.01	19.75	21.50	19.91	20.10	19.87	21.50	22.70	22.90	22.69	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.78	19.87	19.82	21.50	19.91	20.02	19.92	21.50	22.67	22.79	22.68	23.50
3GPP Rel 6	HSUPA Subtest-1	20.17	20.37	20.34	22.00	20.24	20.49	20.41	22.00	23.17	23.22	23.19	24.00
3GPP Rel 6	HSUPA Subtest-2	18.40	18.51	18.52	20.00	18.52	18.61	18.62	20.00	21.26	21.34	21.27	22.00
3GPP Rel 6	HSUPA Subtest-3	19.50	19.50	19.46	21.00	19.66	19.61	19.60	21.00	22.37	22.42	22.42	23.00
3GPP Rel 6	HSUPA Subtest-4	18.33	18.49	18.34	20.00	18.44	18.55	18.49	20.00	21.26	21.33	21.21	22.00
3GPP Rel 6	HSUPA Subtest-5	20.29	20.44	20.30	22.00	20.39	20.56	20.37	22.00	23.25	23.28	23.27	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.98	18.15	17.96	19.50	18.09	18.29	18.13	19.50	20.81	20.90	20.91	21.50

GSM1900 Ant 2	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	29.36	29.44	29.34	30.50	20.36	20.44	20.34	21.50
GPRS 1 Tx slot	29.37	29.40	29.30	30.50	20.37	20.40	20.30	21.50
GPRS 2 Tx slots	28.37	28.43	28.39	29.00	22.37	22.43	22.39	23.00
GPRS 3 Tx slots	26.44	26.44	26.41	27.00	22.18	22.18	22.15	22.74
GPRS 4 Tx slots	25.30	25.40	25.29	26.00	22.30	22.40	22.29	23.00
EDGE 1 Tx slot	25.81	25.83	25.75	27.00	16.81	16.83	16.75	18.00
EDGE 2 Tx slots	24.35	24.43	24.32	25.50	18.35	18.43	18.32	19.50
EDGE 3 Tx slots	21.82	21.84	21.83	23.00	17.56	17.58	17.57	18.74
EDGE 4 Tx slots	20.23	20.29	20.19	21.50	17.23	17.29	17.19	18.50

Band		WCDMA II Ant 2			Tune-up Limit (dBm)	WCDMA IV Ant 2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.14	23.22	23.17	24.00	23.10	23.15	23.05	24.00
3GPP Rel 99	RMC 12.2Kbps	23.20	23.26	23.22	24.00	23.05	23.17	23.14	24.00
3GPP Rel 6	HSDPA Subtest-1	22.23	22.29	22.22	23.00	22.13	22.20	22.16	23.00
3GPP Rel 6	HSDPA Subtest-2	22.22	22.17	22.20	23.00	22.08	22.08	22.06	23.00
3GPP Rel 6	HSDPA Subtest-3	21.68	21.75	21.75	22.50	21.58	21.65	21.66	22.50
3GPP Rel 6	HSDPA Subtest-4	21.65	21.76	21.69	22.50	21.51	21.68	21.59	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.14	22.19	22.26	23.00	22.06	22.08	22.23	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.10	22.22	22.10	23.00	21.98	22.11	22.05	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.57	21.75	21.66	22.50	21.44	21.68	21.51	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.49	21.65	21.67	22.50	21.35	21.60	21.54	22.50
3GPP Rel 6	HSUPA Subtest-1	22.00	22.17	22.15	23.00	21.90	22.03	22.06	23.00
3GPP Rel 6	HSUPA Subtest-2	20.22	20.25	20.17	21.00	20.09	20.11	20.05	21.00
3GPP Rel 6	HSUPA Subtest-3	21.27	21.32	21.31	22.00	21.19	21.19	21.16	22.00
3GPP Rel 6	HSUPA Subtest-4	20.16	20.14	20.13	21.00	20.04	20.05	20.01	21.00
3GPP Rel 6	HSUPA Subtest-5	22.13	22.26	22.13	23.00	22.05	22.14	22.09	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.78	19.91	19.73	20.50	19.65	19.80	19.65	20.50

Band		WCDMA II Ant 3			Tune-up Limit (dBm)	WCDMA IV Ant 3			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	1752.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.12	21.18	21.14	22.00	21.18	21.53	21.22	22.00
3GPP Rel 99	RMC 12.2Kbps	21.16	21.25	21.20	22.00	21.23	21.38	21.34	22.00
3GPP Rel 6	HSDPA Subtest-1	20.22	20.30	20.24	21.00	20.29	20.38	20.30	21.00
3GPP Rel 6	HSDPA Subtest-2	20.25	20.21	20.22	21.00	20.41	20.37	20.30	21.00
3GPP Rel 6	HSDPA Subtest-3	19.73	19.74	19.79	20.50	19.80	19.84	19.93	20.50
3GPP Rel 6	HSDPA Subtest-4	19.69	19.76	19.75	20.50	19.76	19.89	19.88	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.16	20.17	20.26	21.00	20.22	20.24	20.36	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.07	20.17	20.08	21.00	20.20	20.31	20.20	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.59	19.75	19.66	20.50	19.75	19.80	19.78	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.45	19.65	19.65	20.50	19.56	19.75	19.72	20.50
3GPP Rel 6	HSUPA Subtest-1	20.04	20.19	20.16	21.00	20.13	20.34	20.21	21.00
3GPP Rel 6	HSUPA Subtest-2	18.18	18.29	18.15	19.00	18.34	18.43	18.25	19.00
3GPP Rel 6	HSUPA Subtest-3	19.26	19.30	19.26	20.00	19.41	19.42	19.31	20.00
3GPP Rel 6	HSUPA Subtest-4	18.19	18.10	18.13	19.00	18.36	18.25	18.21	19.00
3GPP Rel 6	HSUPA Subtest-5	20.12	20.31	20.00	21.00	20.28	20.44	20.18	21.00
3GPP Rel 7	HSPA+ (HSDAM) Subtest-1	17.77	17.95	17.77	18.50	17.92	18.08	17.85	18.50

Band 2 Ant 0

BW [MHz]	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	23.25	23.27	23.24	24	0
20	QPSK	1	49	23.15	23.20	23.13		
20	QPSK	1	99	23.17	23.19	22.99		
20	QPSK	50	0	22.23	22.33	22.23		
20	QPSK	50	24	22.14	22.30	22.15	23	1
20	QPSK	50	50	22.09	22.22	22.10		
20	QPSK	100	0	22.11	22.18	22.15		
20	16QAM	1	0	22.04	22.14	22.03		
20	16QAM	1	49	21.97	22.13	22.07	23	1
20	16QAM	1	99	22.01	22.09	22.03		
20	16QAM	50	0	21.17	21.38	21.30		
20	16QAM	50	24	21.38	21.38	21.28	22	2
20	16QAM	50	50	21.18	21.29	21.14		
20	16QAM	100	0	21.14	21.31	21.13		
20	64QAM	1	0	21.27	21.32	21.19		
20	64QAM	1	49	21.14	21.25	21.21	22	2
20	64QAM	1	99	21.16	21.21	21.11		
20	64QAM	50	0	20.24	20.32	20.27		
20	64QAM	50	24	20.24	20.32	20.16	21	3
20	64QAM	50	50	20.20	20.24	20.14		
20	64QAM	100	0	20.14	20.26	20.30		
20	256QAM	1	0	18.40	18.54	18.38		
20	256QAM	1	49	18.26	18.46	18.30	19	5
20	256QAM	1	99	18.17	18.37	18.16		
20	256QAM	50	0	18.10	18.30	18.13		
20	256QAM	50	24	18.20	18.28	18.18	19	5
20	256QAM	50	50	18.16	18.37	18.23		
20	256QAM	100	0	18.23	18.37	18.25		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.21	23.22	23.21	24	0
15	QPSK	1	37	23.09	23.09	23.04		
15	QPSK	1	74	23.06	23.09	22.87		
15	QPSK	36	0	22.17	22.23	22.17		
15	QPSK	36	20	22.11	22.20	22.02	23	1
15	QPSK	36	39	21.99	22.14	21.96		
15	QPSK	75	0	22.05	22.15	22.02		
15	16QAM	1	0	21.91	22.11	21.93		
15	16QAM	1	37	21.94	22.05	22.04	23	1
15	16QAM	1	74	21.88	21.97	21.90		
15	16QAM	36	0	21.12	21.33	21.22		
15	16QAM	36	20	21.33	21.28	21.21	22	2
15	16QAM	36	39	21.08	21.17	21.03		
15	16QAM	75	0	21.07	21.27	21.03		
15	64QAM	1	0	21.17	21.20	21.12		
15	64QAM	1	37	21.02	21.14	21.17	22	2
15	64QAM	1	74	21.03	21.17	20.97		
15	64QAM	36	0	20.19	20.19	20.16		
15	64QAM	36	20	20.25	20.20	20.13	21	3
15	64QAM	36	39	20.07	20.10	20.02		
15	64QAM	75	0	20.04	20.13	20.26		
15	256QAM	1	0	18.36	18.49	18.34		
15	256QAM	1	37	18.16	18.18	18.27	19	5
15	256QAM	1	74	18.13	18.23	18.13		
15	256QAM	36	0	18.01	18.19	18.02		
15	256QAM	36	20	18.16	18.22	18.11	19	5
15	256QAM	36	39	18.02	18.16	18.18		
15	256QAM	75	0	18.13	18.32	18.22		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.20	23.19	23.19	24	0
10	QPSK	1	25	23.02	23.07	23.10		
10	QPSK	1	49	23.03	23.09	22.97		
10	QPSK	25	0	22.20	22.21	22.16		
10	QPSK	25	12	22.01	22.18	22.05	23	1
10	QPSK	25	25	21.97	22.02	22.00		
10	QPSK	50	0	22.02	22.09	22.09		
10	16QAM	1	0	21.93	22.09	21.98		
10	16QAM	1	25	21.89	22.04	22.00	23	1
10	16QAM	1	49	21.99	21.95	21.95		
10	16QAM	25	0	21.04	21.26	21.24		
10	16QAM	25	12	21.31	21.35	21.18	22	2
10	16QAM	25	25	21.09	21.23	21.09		
10	16QAM	50	0	21.05	21.18	21.02		
10	64QAM	1	0	21.20	21.25	21.07		
10	64QAM	1	25	21.00	21.22	21.09	22	2
10	64QAM	1	49	21.09	21.15	21.08		
10	64QAM	25	0	20.21	20.24	20.22		
10	64QAM	25	12	20.20	20.28	20.11	21	3
10	64QAM	25	25	20.11	20.22	20.08		
10	64QAM	50	0	20.11	20.13	20.21		
10	256QAM	1	0	18.35	18.46	18.28		
10	256QAM	1	25	18.15	18.36	18.17	19	5
10	256QAM	1	49	18.09	18.32	18.06		
10	256QAM	25	0	17.99	18.22	18.09		
10	256QAM	25	12	18.16	18.16	18.07	19	5
10	256QAM	25	25	18.10	18.30	18.18		
10	256QAM	50	0	18.16	18.26	18.14		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.13	23.19	23.18	24	0
5	QPSK	1	12	23.02	23.17	23.02		
5	QPSK	1	24	23.05	23.10	22.96		
5	QPSK	12	0	22.13	22.30	22.15		
5	QPSK	12	7	22.01	22.17	22.05	23	1
5	QPSK	12	13	22.02	22.12	22.02		
5	QPSK	25	0	21.99	22.15	22.03		
5	16QAM	1	0	21.93	22.06	21.96		
5	16QAM	1	12	21.83	22.00	21.99	23	1
5	16QAM	1	24	21.89	21.99	21.98		
5	16QAM	12	0	21.09	21.32	21.25		
5	16QAM	12	7	21.31	21.33	21.16	22	2
5	16QAM	12	13	21.14	21.22	21.09		
5	16QAM	25	0	21.07	21.19	21.03		
5	64QAM	1	0	21.20	21.25	21.15		
5	64QAM	1	12	21.05	21.22	21.17	22	2
5	64QAM	1	24	21.07	21.00	21.08		
5	64QAM	12	0	20.15	20.22	20.18		
5	64QAM	12	7	20.18	20.21	20.10	21	3
5	64QAM	12	13	20.18	20.18	20.10		
5	64QAM	25	0	20.03	20.23	20.25		
5	256QAM	1	0	18.31	18.44	18.36		
5	256QAM	1	12	18.13	18.38	18.21	19	5
5	256QAM	1	24	18.07	18.24	18.12		
5	256QAM	12	0	17.98	18.18	18.04		
5	256QAM	12	7	18.10	18.15	18.16	19	5
5	256QAM	12	13	18.05	18.29	18.10		
5	256QAM	25	0	18.16	18.31	18.22		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.14	23.23	23.19	24	0
3	QPSK	1	8	23.09	23.16	23.09		
3	QPSK	1	14	23.05	23.12	22.90		
3	QPSK	8	0	22.14	22.25	22.12		
3	QPSK	8	4	22.04	22.16	22.08	23	1
3	QPSK	8	7	22.05	22.15	21.97		
3	QPSK	15	0	21.98	22.07	22.10		
3	16QAM	1	0	21.96	22.06	21.98		
3	16QAM	1	8	21.84	22.03	22.04	23	1
3	16QAM	1	14	21.94	22.00	21.92		
3	16QAM	8	0	21.08	21.26	21.18		
3	16QAM	8	4	21.25	21.27	21.23	22	2
3	16QAM	8	7	21.04	21.26	21.04		
3	16QAM	15	0	21.01	21.24	21.02		
3	64QAM	1	0	21.17	21.26	21.15		
3	64QAM	1	8	21.09	21.23	21.18	22	2
3	64QAM	1	14	21.12	21.08	21.01		
3	64QAM	8	0	20.14	20.28	20.19		
3	64QAM	8	4	20.12	20.19	20.11	21	3
3	64QAM	8	7	20.16	20.16	20.11		
3	64QAM	15	0	20.00	20.15	20.27		
3	256QAM	1	0	18.33	18.42	18.33		
3	256QAM	1	8	18.19	18.38	18.20	19	5
3	256QAM	1	14	18.14	18.25	18.04		
3	256QAM	8	0	17.96	18.19	18.09		
3	256QAM	8	4	18.09	18.19	18.13	19	5
3	256QAM	8	7	18.03	18.28	18.15		
3	256QAM	15	0	18.14	18.29	18.20		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.10	23.21	23.09	24	0
1.4	QPSK	1	3	23.00	23.12	22.95		
1.4	QPSK	1	5	23.00	23.07	22.90		
1.4	QPSK	3	0	23.11	23.09	22.98		
1.4	QPSK	3	1	22.96	23.11	23.00		
1.4	QPSK	3	3	22.93	23.11	22.84		
1.4	QPSK	6	0	22.15	22.19	22.09	23	1
1.4	16QAM	1	0	22.04	22.07	22.00		
1.4	16QAM	1	3	22.10	22.19	22.04		
1.4	16QAM	1	5	21.99	22.17	21.99	23	1
1.4	16QAM	3	0	21.89	22.14	22.02		
1.4	16QAM	3	1	22.00	22.11	22.08		
1.4	16QAM	3	3	21.92	22.07	21.96		
1.4	16QAM	6	0	21.17	21.24	21.20	22	2
1.4	64QAM	1	0	21.25	21.25	21.20		
1.4	64QAM	1	3	21.01	21.09	21.01		
1.4	64QAM	1	5	21.10	21.16	21.09	22	2
1.4	64QAM	3	0	21.21	21.18	21.08		
1.4	64QAM	3	1	21.06	21.09	21.12		
1.4	64QAM	3	3	21.11	21.10	21.09		
1.4	64QAM	6	0	20.08	20.16	20.13	21	3
1.4	256QAM	1	0	18.37	18.30	18.29		
1.4	256QAM	1	3	18.13	18.44	18.27		
1.4	256QAM	1	5	18.13	18.23	18.13	19	5
1.4	256QAM	3	0	18.03	18.16	18.12		
1.4	256QAM	3	1	18.11	18.22	18.07		
1.4	256QAM	3	3	18.11	18.19	18.11		
1.4	256QAM	6	0	18.12	18.16	18.14	19	5

Band 4 Ant 0

BW [MHz]	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	23.26	23.31	23.23	24	0
20	QPSK	1	49	23.23	23.28	23.13		
20	QPSK	1	99	23.23	23.26	23.20		
20	QPSK	50	0	22.32	22.40	22.29		
20	QPSK	50	24	22.23	22.35	22.14	23	1
20	QPSK	50	50	22.25	22.35	22.35		
20	QPSK	100	0	22.18	22.36	22.22		
20	16QAM	1	0	22.26	22.37	22.15		
20	16QAM	1	49	22.24	22.33	22.26	23	1
20	16QAM	1	99	22.19	22.26	22.18		
20	16QAM	50	0	21.31	21.44	21.37		
20	16QAM	50	24	21.41	21.33	21.29	22	2
20	16QAM	50	50	21.32	21.33	21.21		
20	16QAM	100	0	21.25	21.38	21.38		
20	64QAM	1	0	21.29	21.41	21.24		
20	64QAM	1	49	21.20	21.30	21.18	22	2
20	64QAM	1	99	21.28	21.26	21.25		
20	64QAM	50	0	20.38	20.48	20.30		
20	64QAM	50	24	20.38	20.39	20.28	21	3
20	64QAM	50	50	20.25	20.42	20.25		
20	64QAM	100	0	20.18	20.35	20.18		
20	256QAM	1	0	18.51	18.56	18.39		
20	256QAM	1	49	18.39	18.51	18.39	19	5
20	256QAM	1	99	18.36	18.49	18.43		
20	256QAM	50	0	18.29	18.36	18.28		
20	256QAM	50	24	18.38	18.34	18.40	19	5
20	256QAM	50	50	18.38	18.39	18.31		
20	256QAM	100	0	18.17	18.36	18.25		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.12	23.18	23.11	24	0
15	QPSK	1	37	23.13	23.18	23.06		
15	QPSK	1	74	23.17	23.14	23.10		
15	QPSK	36	0	22.26	22.35	22.19		
15	QPSK	36	20	22.10	22.27	22.11	23	1
15	QPSK	36	39	22.22	22.26	22.28		
15	QPSK	75	0	22.12	22.29	22.07		
15	16QAM	1	0	22.20	22.29	22.08		
15	16QAM	1	37	22.15	22.27	22.16	23	1
15	16QAM	1	74	22.14	22.26	22.14		
15	16QAM	36	0	21.26	21.34	21.28		
15	16QAM	36	20	21.35	21.29	21.18	22	2
15	16QAM	36	39	21.26	22.32	21.07		
15	16QAM	75	0	21.13	21.29	21.26		
15	64QAM	1	0	21.23	21.30	21.15		
15	64QAM	1	37	21.12	21.16	21.06	22	2
15	64QAM	1	74	21.16	21.18	21.11		
15	64QAM	36	0	20.23	20.41	20.25		
15	64QAM	36	20	20.39	20.33	20.22	21	3
15	64QAM	36	39	20.20	20.35	20.12		
15	64QAM	75	0	20.07	20.23	20.07		
15	256QAM	1	0	18.42	18.48	18.28		
15	256QAM	1	37	18.35	18.38	18.35	19	5
15	256QAM	1	74	18.26	18.42	18.35		
15	256QAM	36	0	18.20	18.24	18.24		
15	256QAM	36	20	18.33	18.21	18.32	19	5
15	256QAM	36	39	18.27	18.18	18.24		
15	256QAM	75	0	18.12	18.31	18.13		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.18	23.18	23.08	24	0
10	QPSK	1	25	23.10	23.17	22.99		
10	QPSK	1	49	23.13	23.21	23.08		
10	QPSK	25	0	22.19	22.34	22.25		
10	QPSK	25	12	22.12	22.26	22.05	23	1
10	QPSK	25	25	22.22	22.21	22.22		
10	QPSK	50	0	22.04	22.30	22.19		
10	16QAM	1	0	22.20	22.33	22.07		
10	16QAM	1	25	22.21	22.19	22.12	23	1
10	16QAM	1	49	22.08	22.15	22.09		
10	16QAM	25	0	21.24	21.35	21.25		
10	16QAM	25	12	21.27	21.29	21.17	22	2
10	16QAM	25	25	21.21	21.19	21.06		
10	16QAM	50	0	21.15	21.24	21.27		
10	64QAM	1	0	21.22	21.28	21.20		
10	64QAM	1	25	21.16	21.19	21.11	22	2
10	64QAM	1	49	21.16	21.14	21.10		
10	64QAM	25	0	20.30	20.34	20.27		
10	64QAM	25	12	20.27	20.29	20.16	21	3
10	64QAM	25	25	20.14	20.38	20.14		
10	64QAM	50	0	20.04	20.24	20.08		
10	256QAM	1	0	18.47	18.51	18.34		
10	256QAM	1	25	18.35	18.47	18.27	19	5
10	256QAM	1	49	18.31	18.42	18.28		
10	256QAM	25	0	18.21	18.28	18.14		
10	256QAM	25	12	18.31	18.35	18.35	19	5
10	256QAM	25	25	18.33	18.33	18.24		
10	256QAM	50	0	18.06	18.33	18.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.17	23.21	23.08	24	0
5	QPSK	1	12	23.15	23.18	22.98		
5	QPSK	1	24	23.15	23.19	23.13		
5	QPSK	12	0	22.26	22.30	22.16		
5	QPSK	12	7	22.19	22.27	22.07	23	1
5	QPSK	12	13	22.16	22.24	22.24		
5	QPSK	25	0	22.08	22.33	22.13		
5	16QAM	1	0	22.15	22.32	22.02		
5	16QAM	1	12	22.08	22.30	22.17	23	1
5	16QAM	1	24	22.07	22.18	22.12		
5	16QAM	12	0	21.20	21.39	21.28		
5	16QAM	12	7	21.26	21.23	21.23	22	2
5	16QAM	12	13	21.18	21.28	21.08		
5	16QAM	25	0	21.10	21.32	21.23		
5	64QAM	1	0	21.23	21.34	21.20		
5	64QAM	1	12	21.17	21.26	21.15	22	2
5	64QAM	1	24	21.16	21.23	21.18		
5	64QAM	12	0	20.32	20.40	20.25		
5	64QAM	12	7	20.32	20.33	20.20	21	3
5	64QAM	12	13	20.18	20.28	20.20		
5	64QAM	25	0	20.11	20.30	20.09		
5	256QAM	1	0	18.47	18.41	18.31		
5	256QAM	1	12	18.36	18.39	18.32	19	5
5	256QAM	1	24	18.22	18.43	18.30		
5	256QAM	12	0	18.23	18.27	18.19		
5	256QAM	12	7	18.33	18.24	18.33	19	5
5	256QAM	12	13	18.35	18.27	18.22		
5	256QAM	25	0	18.11	18.24	18.18		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.13	23.28	23.17	24	0
3	QPSK	1	8	23.12	23.14	23.04		
3	QPSK	1	14	23.11	23.20	23.13		
3	QPSK	8	0	22.20	22.33	22.18		
3	QPSK	8	4	22.14	22.27	22.09	23	1
3	QPSK	8	7	22.11	22.20	22.31		
3	QPSK	15	0	22.07	22.30	22.18		
3	16QAM	1	0	22.23	22.31	22.03		
3	16QAM	1	8	22.10	22.18	22.22	23	1
3	16QAM	1	14	22.12	22.15	22.09		
3	16QAM	8	0	21.20	21.40	21.33		
3	16QAM	8	4	21.28	21.20	21.23	22	2
3	16QAM	8	7	21.24	21.21	21.10		
3	16QAM	15	0	21.14	21.33	21.26		
3	64QAM	1	0	21.24	21.31	21.09		
3	64QAM	1	8	21.06	21.24	21.14	22	2
3	64QAM	1	14	21.20	21.20	21.13		
3	64QAM	8	0	20.33	20.39	20.24		
3	64QAM	8	4	20.27	20.28	20.23	21	3
3	64QAM	8	7	20.19	20.30	20.11		
3	64QAM	15	0	20.07	20.25	20.13		
3	256QAM	1	0	18.42	18.48	18.35		
3	256QAM	1	8	18.33	18.41	18.33	19	5
3	256QAM	1	14	18.28	18.40	18.38		
3	256QAM	8	0	18.25	18.26	18.21		
3	256QAM	8	4	18.28	18.26	18.30	19	5
3	256QAM	8	7	18.27	18.28	18.21		
3	256QAM	15	0	18.09	18.22	18.13		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.17	23.24	23.18	24	0
1.4	QPSK	1	3	23.17	23.21	23.03		
1.4	QPSK	1	5	23.20	23.12	23.08		
1.4	QPSK	3	0	23.11	23.21	23.10		
1.4	QPSK	3	1	23.15	23.17	23.00		
1.4	QPSK	3	3	23.11	23.23	23.13		
1.4	QPSK	6	0	22.22	22.27	22.24	23	1
1.4	16QAM	1	0	22.10	22.22	22.00		
1.4	16QAM	1	3	22.12	22.24	22.30		
1.4	16QAM	1	5	22.12	22.29	22.18	23	1
1.4	16QAM	3	0	22.15	22.22	22.02		
1.4	16QAM	3	1	22.10	22.19	22.15		
1.4	16QAM	3	3	22.12	22.20	22.06		
1.4	16QAM	6	0	21.23	21.32	21.26	22	2
1.4	64QAM	1	0	21.37	21.19	21.21		
1.4	64QAM	1	3	21.26	21.26	21.14		
1.4	64QAM	1	5	21.18	21.27	21.32	22	2
1.4	64QAM	3	0	21.23	21.32	21.21		
1.4	64QAM	3	1	21.10	21.25	21.13		
1.4	64QAM	3	3	21.18	21.20	21.21		
1.4	64QAM	6	0	20.33	20.44	20.21	21	3
1.4	256QAM	1	0	18.36	18.43	18.32		
1.4	256QAM	1	3	18.25	18.41	18.30		
1.4	256QAM	1	5	18.23	18.37	18.37	19	5
1.4	256QAM	3	0	18.25	18.22	18.24		
1.4	256QAM	3	1	18.29	18.30	18.36		
1.4	256QAM	3	3	18.25	18.32	18.24		
1.4	256QAM	6	0	18.05	18.28	18.21	19	5

Band 5 Ant 0

BW [MHz]	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	22.01	22.18	22.11	23	0
10	QPSK	1	25	22.00	22.11	21.93		
10	QPSK	1	49	21.99	22.05	22.02		
10	QPSK	25	0	21.10	21.25	21.10		
10	QPSK	25	12	21.10	21.15	20.94	22	1
10	QPSK	25	25	21.06	21.21	21.16		
10	QPSK	50	0	20.98	21.23	20.99		
10	16QAM	1	0	21.11	21.20	21.02		
10	16QAM	1	25	21.06	21.16	21.04	22	1
10	16QAM	1	49	21.02	21.09	20.97		
10	16QAM	25	0	20.13	20.30	20.23		
10	16QAM	25	12	20.25	20.16	20.10	21	2
10	16QAM	25	25	20.08	20.12	20.01		
10	16QAM	50	0	20.11	20.14	20.17		
10	64QAM	1	0

Band 12 Ant 0

BW [MHz]	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	22.11	22.21	22.14	23	0
10	QPSK	1	25	22.01	22.11	21.95		
10	QPSK	1	49	22.07	22.23	22.03		
10	QPSK	25	0	21.16	21.18	21.13	22	1
10	QPSK	25	12	21.09	21.15	20.98		
10	QPSK	25	25	21.03	21.13	21.15		
10	QPSK	50	0	21.01	21.09	21.06		
10	16QAM	1	0	21.02	21.18	21.00	22	1
10	16QAM	1	25	21.00	21.11	21.06		
10	16QAM	1	49	21.02	21.08	21.03		
10	16QAM	25	0	20.17	20.23	20.12	21	2
10	16QAM	25	12	20.10	20.17	20.13		
10	16QAM	25	25	20.14	20.17	20.03		
10	16QAM	50	0	20.14	20.21	20.17		
10	64QAM	1	0	20.17	20.21	20.06	21	2
10	64QAM	1	25	20.01	20.07	20.06		
10	64QAM	1	49	19.99	20.11	19.98		
10	64QAM	25	0	19.16	19.23	19.17	20	3
10	64QAM	25	12	19.18	19.21	19.10		
10	64QAM	25	25	19.09	19.17	19.08		
10	64QAM	50	0	19.03	19.17	18.96		
10	256QAM	1	0	17.30	17.29	17.18	18	5
10	256QAM	1	25	17.20	17.33	17.15		
10	256QAM	1	49	17.17	17.28	17.14		
10	256QAM	25	0	17.10	17.13	17.08	18	5
10	256QAM	25	12	17.13	17.18	17.13		
10	256QAM	25	25	17.12	17.20	17.17		
10	256QAM	50	0	17.02	17.17	17.13		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.02	22.13	22.09	23	0
5	QPSK	1	12	21.91	21.96	21.90		
5	QPSK	1	24	22.04	22.03	21.94		
5	QPSK	12	0	21.09	21.05	21.09	22	1
5	QPSK	12	7	21.01	21.06	20.91		
5	QPSK	12	13	20.89	21.04	21.11		
5	QPSK	25	0	20.97	21.01	20.92		
5	16QAM	1	0	20.94	21.08	20.92	22	1
5	16QAM	1	12	20.92	20.98	20.95		
5	16QAM	1	24	20.94	20.97	20.90		
5	16QAM	12	0	20.05	20.10	20.01	21	2
5	16QAM	12	7	19.99	20.12	20.09		
5	16QAM	12	13	20.06	20.08	19.94		
5	16QAM	25	0	20.01	20.06	20.06		
5	64QAM	1	0	20.07	20.14	20.00	21	2
5	64QAM	1	12	19.96	19.94	20.02		
5	64QAM	1	24	19.84	20.06	19.86		
5	64QAM	12	0	19.08	19.08	19.11	20	3
5	64QAM	12	7	19.07	19.08	18.98		
5	64QAM	12	13	19.01	19.11	19.01		
5	64QAM	25	0	18.93	19.02	18.85		
5	256QAM	1	0	17.24	17.21	17.12	18	5
5	256QAM	1	12	17.08	17.18	17.06		
5	256QAM	1	24	17.13	17.24	17.06		
5	256QAM	12	0	16.97	17.04	17.05	18	5
5	256QAM	12	7	16.99	17.11	17.04		
5	256QAM	12	13	17.00	17.16	17.06		
5	256QAM	25	0	16.96	17.11	16.99		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.05	22.10	22.04	23	0
3	QPSK	1	8	21.95	21.98	21.85		
3	QPSK	1	14	22.03	21.95	21.92		
3	QPSK	8	0	21.09	21.09	21.01	22	1
3	QPSK	8	4	20.95	21.04	20.90		
3	QPSK	8	7	20.97	21.00	21.07		
3	QPSK	15	0	20.88	21.00	20.96		
3	16QAM	1	0	20.96	21.10	20.96	22	1
3	16QAM	1	8	20.87	21.07	21.02		
3	16QAM	1	14	20.90	20.98	20.89		
3	16QAM	8	0	20.06	20.11	19.98	21	2
3	16QAM	8	4	20.01	20.08	20.06		
3	16QAM	8	7	20.02	20.12	19.89		
3	16QAM	15	0	20.11	20.17	20.12		
3	64QAM	1	0	20.05	20.17	19.96	21	2
3	64QAM	1	8	19.89	20.02	19.96		
3	64QAM	1	14	19.87	20.00	19.88		
3	64QAM	8	0	19.05	19.08	19.13	20	3
3	64QAM	8	4	19.11	19.07	19.06		
3	64QAM	8	7	18.96	19.07	19.04		
3	64QAM	15	0	18.93	19.11	18.92		
3	256QAM	1	0	17.22	17.18	17.09	18	5
3	256QAM	1	8	17.06	17.29	17.05		
3	256QAM	1	14	17.14	17.24	17.04		
3	256QAM	8	0	16.98	17.02	16.96	18	5
3	256QAM	8	4	17.02	17.13	17.03		
3	256QAM	8	7	17.02	17.11	17.04		
3	256QAM	15	0	16.92	17.10	17.05		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.06	22.17	22.02	23	0
1.4	QPSK	1	3	21.87	22.06	21.85		
1.4	QPSK	1	5	22.04	22.05	21.89		
1.4	QPSK	3	0	22.07	22.11	22.03		
1.4	QPSK	3	1	21.88	21.97	21.87		
1.4	QPSK	3	3	21.96	21.99	21.97		
1.4	QPSK	6	0	21.04	21.08	21.02	22	1
1.4	16QAM	1	0	20.99	21.05	20.86	22	1
1.4	16QAM	1	3	20.92	21.07	21.04		
1.4	16QAM	1	5	20.94	20.98	20.93		
1.4	16QAM	3	0	20.92	21.14	20.87		
1.4	16QAM	3	1	20.90	20.96	21.01		
1.4	16QAM	3	3	20.91	20.94	20.90		
1.4	16QAM	6	0	20.11	20.11	19.98	21	2
1.4	64QAM	1	0	19.99	20.08	20.01	21	2
1.4	64QAM	1	3	20.10	20.04	19.88		
1.4	64QAM	1	5	20.03	20.07	20.07		
1.4	64QAM	3	0	20.10	20.17	19.93		
1.4	64QAM	3	1	19.90	19.99	20.00		
1.4	64QAM	3	3	19.87	20.08	19.90		
1.4	64QAM	6	0	19.09	19.13	19.05	20	3
1.4	256QAM	1	0	17.17	17.18	17.09	18	5
1.4	256QAM	1	3	17.13	17.30	17.11		
1.4	256QAM	1	5	17.12	17.20	17.07		
1.4	256QAM	3	0	17.02	17.06	17.05		
1.4	256QAM	3	1	17.06	17.05	17.06		
1.4	256QAM	3	3	17.00	17.11	17.12		
1.4	256QAM	6	0	16.97	17.13	17.06	18	5

Band 13 Ant 0

BW [MHz]	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		22.20		23	0
10	QPSK	1	25		22.13			
10	QPSK	1	49		22.08			
10	QPSK	25	0		21.17		22	1
10	QPSK	25	12		21.11			
10	QPSK	25	25		21.13			
10	QPSK	50	0		21.10			
10	16QAM	1	0		21.12		22	1
10	16QAM	1	25		21.09			
10	16QAM	1	49		21.11			
10	16QAM	25	0		20.27		21	2
10	16QAM	25	12		20.22			
10	16QAM	25	25		20.18			
10	16QAM	50	0		20.25			
10	64QAM	1	0		20.19		21	2
10	64QAM	1	25		20.14			
10	64QAM	1	49		20.11			
10	64QAM	25	0		19.29		20	3
10	64QAM	25	12		19.26			
10	64QAM	25	25		19.13			
10	64QAM	50	0		19.10			
10	256QAM	1	0		17.36		18	5
10	256QAM	1	25		17.35			
10	256QAM	1	49		17.28			
10	256QAM	25	0		17.11		18	5
10	256QAM	25	12		17.18			
10	256QAM	25	25		17.26			
10	256QAM	50	0		17.19			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.10	22.16	22.13	23	0
5	QPSK	1	12	22.09	22.03	21.98		
5	QPSK	1	24	22.00	22.02	21.99		
5	QPSK	12	0	21.03	21.05	21.03	22	1
5	QPSK	12	7	20.99	20.99	21.01		
5	QPSK	12	13	21.10	21.07	21.07		
5	QPSK	25	0	21.07	21.03	21.00		
5	16QAM	1	0	21.04	21.03	21.05	22	1
5	16QAM	1	12	20.98	21.01	20.98		
5	16QAM	1	24	21.03	21.05	21.07		
5	16QAM	12	0	20.17	20.12	20.23	21	2
5	16QAM	12	7	20.13	20.08	20.17		
5	16QAM	12	13	20.05	20.07	20.14		
5	16QAM	25	0	20.14	20.17	20.15		
5	64QAM	1	0	20.11	20.12	20.06	21	2
5	64QAM	1	12	20.02	20.03	20.09		
5	64QAM	1	24	20.00	20.01	20.06		
5	64QAM	12	0	19.23	19.15	19.25	20	3
5	64QAM	12	7	19.19	19.20	19.17		
5	64QAM	12	13	19.07	19.07	19.05		
5	64QAM	25	0	19.05	19.04	19.03		
5	256QAM	1	0	17.23	17.26	17.23	18	5
5	256QAM	1	12	17.21	17.27	17.25		
5	256QAM	1	24	17.19	17.13	17.15		
5	256QAM	12	0	17.06	17.03	17.01	18	5
5	256QAM	12	7	17.04	17.05	17.08		
5	256QAM	12	13	17.17	17.15	17.22		
5	256QAM	25	0	17.12	17.11	17.15		

Band 14 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.31		23	0
10	QPSK	1	25		22.28			
10	QPSK	1	49		22.24			
10	QPSK	25	0		21.31		22	1
10	QPSK	25	12		21.22			
10	QPSK	25	25		21.21			
10	QPSK	50	0		21.25			
10	16QAM	1	0		21.20		22	1
10	16QAM	1	25		21.14			
10	16QAM	1	49		21.21			
10	16QAM	25	0		20.39		21	2
10	16QAM	25	12		20.36			
10	16QAM	25	25		20.34			
10	16QAM	50	0		20.30			
10	64QAM	1	0		20.34		21	2
10	64QAM	1	25		20.22			
10	64QAM	1	49		20.16			
10	64QAM	25	0		19.37		20	3
10	64QAM	25	12		19.35			
10	64QAM	25	25		19.25			
10	64QAM	50	0		19.21			
10	256QAM	1	0		17.48		18	5
10	256QAM	1	25		17.47			
10	256QAM	1	49		17.42			
10	256QAM	25	0		17.21		18	5
10	256QAM	25	12		17.23			
10	256QAM	25	25		17.41			
10	256QAM	50	0		17.33			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.19	22.27	22.21	23	0
5	QPSK	1	12	22.15	22.21	22.16		
5	QPSK	1	24	22.10	22.14	22.18		
5	QPSK	12	0	21.27	21.27	21.27	22	1
5	QPSK	12	7	21.11	21.16	21.16		
5	QPSK	12	13	21.08	21.13	21.07		
5	QPSK	25	0	21.14	21.17	21.13		
5	16QAM	1	0	21.14	21.12	21.11	22	1
5	16QAM	1	12	21.01	21.08	21.10		
5	16QAM	1	24	21.14	21.11	21.18		
5	16QAM	12	0	20.34	20.24	20.28	21	2
5	16QAM	12	7	20.24	20.30	20.28		
5	16QAM	12	13	20.26	20.31	20.26		
5	16QAM	25	0	20.22	20.18	20.22		
5	64QAM	1	0	20.26	20.24	20.25	21	2
5	64QAM	1	12	20.09	20.08	20.14		
5	64QAM	1	24	20.07	20.09	20.06		
5	64QAM	12	0	19.29	19.29	19.29	20	3
5	64QAM	12	7	19.27	19.25	19.30		
5	64QAM	12	13	19.10	19.14	19.13		
5	64QAM	25	0	19.14	19.07	19.17		
5	256QAM	1	0	17.45	17.39	17.33	18	5
5	256QAM	1	12	17.39	17.35	17.42		
5	256QAM	1	24	17.36	17.35	17.28		
5	256QAM	12	0	17.10	17.08	17.12	18	5
5	256QAM	12	7	17.15	17.14	17.08		
5	256QAM	12	13	17.27	17.28	17.34		
5	256QAM	25	0	17.28	17.20	17.19		

Band 17 Ant 0

BW [MHz]	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		22.10		23	0
10	QPSK	1	25		22.08			
10	QPSK	1	49		21.95			
10	QPSK	25	0		21.14		22	1
10	QPSK	25	12		21.06			
10	QPSK	25	25		21.10			
10	QPSK	50	0		20.97			
10	16QAM	1	0		21.02		22	1
10	16QAM	1	25		21.03			
10	16QAM	1	49		21.00			
10	16QAM	25	0		20.16		21	2
10	16QAM	25	12		20.16			
10	16QAM	25	25		20.09			
10	16QAM	50	0		20.14			
10	64QAM	1	0		20.09		21	2
10	64QAM	1	25		20.09			
10	64QAM	1	49		20.06			
10	64QAM	25	0		19.18		20	3
10	64QAM	25	12		19.20			
10	64QAM	25	25		19.06			
10	64QAM	50	0		19.01			
10	256QAM	1	0		17.25		18	5
10	256QAM	1	25		17.31			
10	256QAM	1	49		17.25			
10	256QAM	25	0		16.99		18	5
10	256QAM	25	12		17.10			
10	256QAM	25	25		17.15			
10	256QAM	50	0		17.10			
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.03	22.07	22.00	23	0
5	QPSK	1	12	21.96	22.04	21.96		
5	QPSK	1	24	21.90	21.83	21.92		
5	QPSK	12	0	21.08	21.11	21.00	22	1
5	QPSK	12	7	20.96	20.97	21.02		
5	QPSK	12	13	21.02	20.96	20.96		
5	QPSK	25	0	20.94	20.89	20.91		
5	16QAM	1	0	20.94	20.95	20.90	22	1
5	16QAM	1	12	20.96	20.99	20.92		
5	16QAM	1	24	20.93	20.94	20.95		
5	16QAM	12	0	20.08	20.04	20.06	21	2
5	16QAM	12	7	20.06	20.01	20.03		
5	16QAM	12	13	19.96	19.98	20.01		
5	16QAM	25	0	20.10	20.05	20.07		
5	64QAM	1	0	19.96	19.96	19.99	21	2
5	64QAM	1	12	19.94	20.04	19.97		
5	64QAM	1	24	19.96	19.99	19.96		
5	64QAM	12	0	19.05	19.03	19.06	20	3
5	64QAM	12	7	19.11	19.14	19.11		
5	64QAM	12	13	18.95	18.93	19.00		
5	64QAM	25	0	18.92	18.90	18.90		
5	256QAM	1	0	17.19	17.19	17.17	18	5
5	256QAM	1	12	17.21	17.25	17.23		
5	256QAM	1	24	17.18	17.14	17.14		
5	256QAM	12	0	16.90	16.95	16.89	18	5
5	256QAM	12	7	17.07	17.04	17.07		
5	256QAM	12	13	17.03	17.06	17.05		
5	256QAM	25	0	16.97	16.96	17.01		

Band 25 Ant 0

BW [MHz]	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	23.28	23.31	23.26	24	0
20	QPSK	1	49	23.19	23.27	23.17		
20	QPSK	1	99	23.18	23.22	23.13		
20	QPSK	50	0	22.32	22.37	22.29	23	1
20	QPSK	50	24	22.22	22.33	22.20		
20	QPSK	50	50	22.16	22.30	22.17		
20	QPSK	100	0	22.23	22.29	22.25		
20	16QAM	1	0	22.10	22.23	22.13	23	1
20	16QAM	1	49	22.10	22.20	22.17		
20	16QAM	1	99	22.08	22.21	22.15		
20	16QAM	50	0	21.30	21.43	21.32	22	2
20	16QAM	50	24	21.40	21.45	21.35		
20	16QAM	50	50	21.20	21.31	21.26		
20	16QAM	100	0	21.28	21.40	21.25		
20	64QAM	1	0	21.33	21.41	21.30	22	2
20	64QAM	1	49	21.21	21.33	21.27		
20	64QAM	1	99	21.27	21.32	21.21		
20	64QAM	50	0	20.33	20.43	20.40	21	3
20	64QAM	50	24	20.32	20.42	20.28		
20	64QAM	50	50	20.22	20.36	20.26		
20	64QAM	100	0	20.24	20.38	20.35		
20	256QAM	1	0	18.50	18.56	18.41	19	5
20	256QAM	1	49	18.36	18.51	18.39		
20	256QAM	1	99	18.25	18.40	18.27		
20	256QAM	50	0	18.23	18.36	18.22	19	5
20	256QAM	50	24	18.30	18.34	18.21		
20	256QAM	50	50	18.30	18.41	18.32		
20	256QAM	100	0	18.32	18.39	18.31		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.21	23.25	23.17	24	0
15	QPSK	1	37	23.15	23.18	23.11		
15	QPSK	1	74	23.15	23.08	23.08		
15	QPSK	36	0	22.25	22.34	22.25	23	1
15	QPSK	36	20	22.19	22.29	22.12		
15	QPSK	36	39	22.11	22.27	22.11		
15	QPSK	75	0	22.18	22.25	22.17		
15	16QAM	1	0	21.99	22.10	22.02	23	1
15	16QAM	1	37	21.96	22.16	22.05		
15	16QAM	1	74	21.96	22.13	22.08		
15	16QAM	36	0	21.21	21.38	21.23	22	2
15	16QAM	36	20	21.32	21.39	21.32		
15	16QAM	36	39	21.07	21.21	21.17		
15	16QAM	75	0	21.20	21.33	21.17		
15	64QAM	1	0	21.23	21.34	21.20	22	2
15	64QAM	1	37	21.09	21.29	21.15		
15	64QAM	1	74	21.21	21.28	21.06		
15	64QAM	36	0	20.24	20.33	20.27	21	3
15	64QAM	36	20	20.24	20.29	20.19		
15	64QAM	36	39	20.08	20.23	20.17		
15	64QAM	75	0	20.20	20.34	20.23		
15	256QAM	1	0	18.40	18.48	18.35	19	5
15	256QAM	1	37	18.21	18.43	18.28		
15	256QAM	1	74	18.18	18.29	18.16		
15	256QAM	36	0	18.14	18.27	18.10	19	5
15	256QAM	36	20	18.26	18.25	18.07		
15	256QAM	36	39	18.26	18.32	18.27		
15	256QAM	75	0	18.18	18.29	18.26		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.24	23.18	23.18	24	0
10	QPSK	1	25	23.15	23.18	23.05		
10	QPSK	1	49	23.12	23.14	23.04		
10	QPSK	25	0	22.17	22.28	22.25	23	1
10	QPSK	25	12	22.14	22.19	22.10		
10	QPSK	25	25	22.07	22.21	22.04		
10	QPSK	50	0	22.19	22.19	22.13		
10	16QAM	1	0	22.05	22.10	22.08	23	1
10	16QAM	1	25	21.98	22.11	22.12		
10	16QAM	1	49	21.99	22.08	22.02		
10	16QAM	25	0	21.17	21.39	21.22	22	2
10	16QAM	25	12	21.35	21.31	21.21		
10	16QAM	25	25	21.09	21.19	21.22		
10	16QAM	50	0	21.14	21.33	21.12		
10	64QAM	1	0	21.24	21.32	21.27	22	2
10	64QAM	1	25	21.17	21.27	21.19		
10	64QAM	1	49	21.16	21.29	21.08		
10	64QAM	25	0	20.20	20.33	20.26	21	3
10	64QAM	25	12	20.24	20.32	20.23		
10	64QAM	25	25	20.14	20.30	20.17		
10	64QAM	50	0	20.17	20.34	20.27		
10	256QAM	1	0	18.47	18.53	18.26	19	5
10	256QAM	1	25	18.26	18.47	18.26		
10	256QAM	1	49	18.20	18.36	18.15		
10	256QAM	25	0	18.15	18.27	18.11	19	5
10	256QAM	25	12	18.27	18.31	18.11		
10	256QAM	25	25	18.25	18.37	18.26		
10	256QAM	50	0	18.29	18.29	18.27		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.22	23.27	23.14	24	0
5	QPSK	1	12	23.05	23.17	23.08		
5	QPSK	1	24	23.07	23.16	22.99		
5	QPSK	12	0	22.28	22.31	22.24	23	1
5	QPSK	12	7	22.16	22.27	22.16		
5	QPSK	12	13	22.12	22.17	22.05		
5	QPSK	25	0	22.14	22.23	22.16		
5	16QAM	1	0	21.99	22.09	22.01	23	1
5	16QAM	1	12	22.05	22.15	22.05		
5	16QAM	1	24	21.93	22.07	22.12		
5	16QAM	12	0	21.20	21.35	21.26	22	2
5	16QAM	12	7	21.27	21.38	21.22		
5	16QAM	12	13	21.05	21.18	21.17		
5	16QAM	25	0	21.25	21.29	21.21		
5	64QAM	1	0	21.28	21.28	21.22	22	2
5	64QAM	1	12	21.11	21.21	21.13		
5	64QAM	1	24	21.22	21.25	21.15		
5	64QAM	12	0	20.26	20.38	20.34	21	3
5	64QAM	12	7	20.28	20.38	20.15		
5	64QAM	12	13	20.10	20.32	20.16		
5	64QAM	25	0	20.14	20.26	20.30		
5	256QAM	1	0	18.37	18.45	18.29	19	5
5	256QAM	1	12	18.32	18.38	18.33		
5	256QAM	1	24	18.11	18.27	18.15		
5	256QAM	12	0	18.14	18.29	18.19	19	5
5	256QAM	12	7	18.21	18.20	18.11		
5	256QAM	12	13	18.18	18.31	18.18		
5	256QAM	25	0	18.25	18.27	18.16		
Channel				26015	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.18	23.24	23.13	24	0
3	QPSK	1	8	23.11	23.23	23.11		
3	QPSK	1	14	23.04	23.18	23.05		
3	QPSK	8	0	22.20	22.33	22.25	23	1
3	QPSK	8	4	22.10	22.20	22.15		
3	QPSK	8	7	22.09	22.16	22.10		
3	QPSK	15	0	22.15	22.21	22.17		
3	16QAM	1	0	22.03	22.11	22.06	23	1
3	16QAM	1	8	21.96	22.15	22.05		
3	16QAM	1	14	21.99	22.09	22.05		
3	16QAM	8	0	21.27	21.35	21.21	22	2
3	16QAM	8	4	21.30	21.32	21.25		
3	16QAM	8	7	21.09	21.27	21.13		
3	16QAM	15	0	21.15	21.30	21.20		
3	64QAM	1	0	21.25	21.31	21.20	22	2
3	64QAM	1	8	21.16	21.19	21.24		
3	64QAM	1	14	21.20	21.24	21.10		
3	64QAM	8	0	20.19	20.29	20.35	21	3
3	64QAM	8	4	20.27	20.35	20.18		
3	64QAM	8	7	20.17	20.32	20.14		
3	64QAM	15	0	20.17	20.27	20.23		
3	256QAM	1	0	18.38	18.46	18.37	19	5
3	256QAM	1	8	18.29	18.39	18.31		
3	256QAM	1	14	18.21	18.31	18.14		
3	256QAM	8	0	18.15	18.29	18.13	19	5
3	256QAM	8	4	18.23	18.22	18.14		
3	256QAM	8	7	18.24	18.33	18.20		
3	256QAM	15	0	18.26	18.29	18.24		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.14	23.27	23.17	24	0
1.4	QPSK	1	3	23.09	23.16	23.03		
1.4	QPSK	1	5	23.07	23.19	23.03		
1.4	QPSK	3	0	23.19	23.22	23.12		
1.4	QPSK	3	1	23.09	23.13	23.05		
1.4	QPSK	3	3	23.03	23.15	22.98		
1.4	QPSK	6	0	22.22	22.32	22.20	23	1
1.4	16QAM	1	0	22.10	22.19	22.08	23	1
1.4	16QAM	1	3	22.12	22.25	22.10		
1.4	16QAM	1	5	22.12	22.23	22.12		
1.4	16QAM	3	0	21.98	22.19	22.08		
1.4	16QAM	3	1	22.04	22.13	22.12		
1.4	16QAM	3	3	22.04	22.10	22.10		
1.4	16QAM	6	0	21.21	21.32	21.26	22	2
1.4	64QAM	1	0	21.35	21.31	21.23	22	2
1.4	64QAM	1	3	21.05	21.16	21.13		
1.4	64QAM	1	5	21.20	21.27	21.18		
1.4	64QAM	3	0	21.27	21.28	21.17		
1.4	64QAM	3	1	21.15	21.20	21.16		
1.4	64QAM	3	3	21.19	21.22	21.12		
1.4	64QAM	6	0	20.20	20.28	20.26	21	3
1.4	256QAM	1	0	18.42	18.44	18.37	19	5
1.4	256QAM	1	3	18.24	18.47	18.30		
1.4	256QAM	1	5	18.20	18.30	18.17		
1.4	256QAM	3	0	18.09	18.22	18.16		
1.4	256QAM	3	1	18.19	18.28	18.09		
1.4	256QAM	3	3	18.15	18.31	18.23		
1.4	256QAM	6	0	18.19	18.26	18.20	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.17	22.22	22.13	23	0
15	QPSK	1	37	22.16	22.18	22.10		
15	QPSK	1	74	22.15	22.16	22.10		
15	QPSK	36	0	21.25	21.30	21.21	22	1
15	QPSK	36	20	21.12	21.16	21.09		
15	QPSK	36	39	21.18	21.20	21.26		
15	QPSK	75	0	21.08	21.29	21.13		
15	16QAM	1	0	21.17	21.20	21.05	22	1
15	16QAM	1	37	21.21	21.20	21.09		
15	16QAM	1	74	21.03	21.16	21.08		
15	16QAM	36	0	20.25	20.26	20.20	21	2
15	16QAM	36	20	20.24	20.31	20.28		
15	16QAM	36	39	20.17	20.26	20.13		
15	16QAM	75	0	20.20	20.29	20.25		
15	64QAM	1	0	20.25	20.30	20.08	21	2
15	64QAM	1	37	20.12	20.28	20.11		
15	64QAM	1	74	20.16	20.23	20.04		
15	64QAM	36	0	19.19	19.41	19.24	20	3
15	64QAM	36	20	19.27	19.31	19.25		
15	64QAM	36	39	19.12	19.29	19.15		
15	64QAM	75	0	19.16	19.22	19.12		
15	256QAM	1	0	17.32	17.38	17.29	18	5
15	256QAM	1	37	17.34	17.39	17.21		
15	256QAM	1	74	17.21	17.40	17.24		
15	256QAM	36	0	17.27	17.29	17.16	18	5
15	256QAM	36	20	17.24	17.25	17.28		
15	256QAM	36	39	17.24	17.26	17.23		
15	256QAM	75	0	17.08	17.30	17.17		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.10	22.19	22.05	23	0
10	QPSK	1	25	22.09	22.11	22.01		
10	QPSK	1	49	22.03	22.08	22.04		
10	QPSK	25	0	21.18	21.26	21.18	22	1
10	QPSK	25	12	21.05	21.05	20.96		
10	QPSK	25	25	21.10	21.17	21.21		
10	QPSK	50	0	20.93	21.20	21.08		
10	16QAM	1	0	21.04	21.10	20.95	22	1
10	16QAM	1	25	21.10	21.14	20.96		
10	16QAM	1	49	20.94	21.12	21.05		
10	16QAM	25	0	20.13	20.18	20.07	21	2
10	16QAM	25	12	20.20	20.23	20.14		
10	16QAM	25	25	20.13	20.12	19.99		
10	16QAM	50	0	20.06	20.25	20.19		
10	64QAM	1	0	20.17	20.23	19.96	21	2
10	64QAM	1	25	19.97	20.13	19.98		
10	64QAM	1	49	20.03	20.13	20.00		
10	64QAM	25	0	19.15	19.28	19.16	20	3
10	64QAM	25	12	19.19	19.24	19.11		
10	64QAM	25	25	19.02	19.23	19.01		
10	64QAM	50	0	19.07	19.19	19.04		
10	256QAM	1	0	17.25	17.31	17.23	18	5
10	256QAM	1	25	17.19	17.30	17.07		
10	256QAM	1	49	17.12	17.33	17.13		
10	256QAM	25	0	17.21	17.20	17.12	18	5
10	256QAM	25	12	17.09	17.16	17.18		
10	256QAM	25	25	17.09	17.18	17.11		
10	256QAM	50	0	16.97	17.16	17.08		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.13	22.08	22.03	23	0
5	QPSK	1	12	22.04	22.09	22.02		
5	QPSK	1	24	22.11	22.04	22.03		
5	QPSK	12	0	21.22	21.17	21.11	22	1
5	QPSK	12	7	21.00	21.02	20.96		
5	QPSK	12	13	21.09	21.06	21.12		
5	QPSK	25	0	20.97	21.24	21.10		
5	16QAM	1	0	21.06	21.15	20.92	22	1
5	16QAM	1	12	21.11	21.06	20.95		
5	16QAM	1	24	20.91	21.06	20.93		
5	16QAM	12	0	20.17	20.17	20.11	21	2
5	16QAM	12	7	20.13	20.27	20.15		
5	16QAM	12	13	20.11	20.12	20.00		
5	16QAM	25	0	20.15	20.20	20.22		
5	64QAM	1	0	20.20	20.24	20.00	21	2
5	64QAM	1	12	20.08	20.23	19.98		
5	64QAM	1	24	20.08	20.09	19.96		
5	64QAM	12	0	19.10	19.37	19.09	20	3
5	64QAM	12	7	19.22	19.24	19.14		
5	64QAM	12	13	19.08	19.18	19.08		
5	64QAM	25	0	19.08	19.08	19.08		
5	256QAM	1	0	17.28	17.25	17.18	18	5
5	256QAM	1	12	17.21	17.33	17.07		
5	256QAM	1	24	17.10	17.36	17.20		
5	256QAM	12	0	17.22	17.15	17.10	18	5
5	256QAM	12	7	17.12	17.17	17.21		
5	256QAM	12	13	17.11	17.13	17.17		
5	256QAM	25	0	16.95	17.19	17.13		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.03	22.13	21.99	23	0
3	QPSK	1	8	22.04	22.11	21.99		
3	QPSK	1	14	22.05	22.05	21.96		
3	QPSK	8	0	21.16	21.17	21.07	22	1
3	QPSK	8	4	21.03	21.02	20.94		
3	QPSK	8	7	21.08	21.11	21.20		
3	QPSK	15	0	21.02	21.26	21.02		
3	16QAM	1	0	21.10	21.09	20.93	22	1
3	16QAM	1	8	21.14	21.05	21.01		
3	16QAM	1	14	20.88	21.06	21.01		
3	16QAM	8	0	20.12	20.13	20.14	21	2
3	16QAM	8	4	20.11	20.26	20.14		
3	16QAM	8	7	20.09	20.20	20.06		
3	16QAM	15	0	20.16	20.19	20.11		
3	64QAM	1	0	20.11	20.24	19.94	21	2
3	64QAM	1	8	20.09	20.17	20.07		
3	64QAM	1	14	20.07	20.13	19.94		
3	64QAM	8	0	19.06	19.31	19.18	20	3
3	64QAM	8	4	19.16	19.27	19.14		
3	64QAM	8	7	19.06	19.15	19.01		
3	64QAM	15	0	19.12	19.15	19.03		
3	256QAM	1	0	17.21	17.35	17.19	18	5
3	256QAM	1	8	17.23	17.30	17.14		
3	256QAM	1	14	17.15	17.36	17.18		
3	256QAM	8	0	17.18	17.14	17.12	18	5
3	256QAM	8	4	17.12	17.21	17.17		
3	256QAM	8	7	17.21	17.13	17.17		
3	256QAM	15	0	17.01	17.17	17.02		
Channel				26907	26965	27023	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.08	22.16	22.06	23	0
1.4	QPSK	1	3	22.02	22.10	21.96		
1.4	QPSK	1	5	22.02	22.12	22.01		
1.4	QPSK	3	0	22.06	22.12	22.02		
1.4	QPSK	3	1	22.08	22.10	21.99		
1.4	QPSK	3	3	22.08	22.01	21.99		
1.4	QPSK	6	0	21.16	21.17	21.16	22	1
1.4	16QAM	1	0	21.04	21.10	21.04	22	1
1.4	16QAM	1	3	21.07	21.17	21.19		
1.4	16QAM	1	5	21.04	21.22	21.03		
1.4	16QAM	3	0	21.05	21.05	20.92		
1.4	16QAM	3	1	21.10	21.13	21.04		
1.4	16QAM	3	3	20.95	21.12	20.99		
1.4	16QAM	6	0	20.14	20.13	20.16	21	2
1.4	64QAM	1	0	20.19	20.22	20.19	21	2
1.4	64QAM	1	3	20.05	20.18	20.06		
1.4	64QAM	1	5	20.13	20.16	20.11		
1.4	64QAM	3	0	20.16	20.16	20.04		
1.4	64QAM	3	1	20.07	20.22	20.02		
1.4	64QAM	3	3	20.07	20.12	19.90		
1.4	64QAM	6	0	19.13	19.29	19.15	20	3
1.4	256QAM	1	0	17.18	17.27	17.17	18	5
1.4	256QAM	1	3	17.30	17.24	17.17		
1.4	256QAM	1	5	17.06	17.27	17.10		
1.4	256QAM	3	0	17.24	17.21	17.11		
1.4	256QAM	3	1	17.14	17.22	17.22		
1.4	256QAM	3	3	17.12	17.12	17.15		
1.4	256QAM	6	0	17.00	17.16	17.07	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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		24.20		25	0
10	QPSK	1	25		24.17			
10	QPSK	1	49		24.16			
10	QPSK	25	0		23.31		24	1
10	QPSK	25	12		23.21			
10	QPSK	25	25		23.24			
10	QPSK	50	0		23.31			
10	16QAM	1	0		23.27		24	1
10	16QAM	1	25		23.25			
10	16QAM	1	49		23.19			
10	16QAM	25	0		22.32		23	2
10	16QAM	25	12		22.26			
10	16QAM	25	25		22.25			
10	16QAM	50	0		22.29			
10	64QAM	1	0		22.28		23	2
10	64QAM	1	25		22.24			
10	64QAM	1	49		22.18			
10	64QAM	25	0		21.34		22	3
10	64QAM	25	12		21.32			
10	64QAM	25	25		21.33			
10	64QAM	50	0		21.21			
10	256QAM	1	0		19.47		20	5
10	256QAM	1	25		19.41			
10	256QAM	1	49		19.28			
10	256QAM	25	0		19.21		20	5
10	256QAM	25	12		19.32			
10	256QAM	25	25		19.33			
10	256QAM	50	0		19.24			
Channel				27585	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	24.05	24.15	24.12	25	0
5	QPSK	1	12	24.03	24.08	24.09		
5	QPSK	1	24	24.02	24.02	24.03		
5	QPSK	12	0	23.22	23.17	23.25	24	1
5	QPSK	12	7	23.12	23.15	23.11		
5	QPSK	12	13	23.14	23.11	23.10		
5	QPSK	25	0	23.18	23.21	23.27		
5	16QAM	1	0	23.24	23.18	23.13	24	1
5	16QAM	1	12	23.15	23.14	23.15		
5	16QAM	1	24	23.14	23.16	23.05		
5	16QAM	12	0	22.21	22.18	22.24	23	2
5	16QAM	12	7	22.14	22.13	22.17		
5	16QAM	12	13	22.12	22.20	22.13		
5	16QAM	25	0	22.15	22.16	22.22		
5	64QAM	1	0	22.19	22.16	22.14	23	2
5	64QAM	1	12	22.12	22.13	22.19		
5	64QAM	1	24	22.06	22.07	22.12		
5	64QAM	12	0	21.21	21.27	21.27	22	3
5	64QAM	12	7	21.20	21.25	21.25		
5	64QAM	12	13	21.24	21.18	21.21		
5	64QAM	25	0	21.15	21.14	21.13		
5	256QAM	1	0	19.35	19.33	19

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.21	23.37	23.24	24	0
20	QPSK	1	49	23.18	23.23	23.15		
20	QPSK	1	99	23.23	23.25	23.18		
20	QPSK	50	0	22.25	22.34	22.23	23	1
20	QPSK	50	24	22.24	22.21	22.18		
20	QPSK	50	50	22.24	22.26	22.22		
20	QPSK	100	0	22.16	22.35	22.20		
20	16QAM	1	0	22.21	22.37	22.23	23	1
20	16QAM	1	49	22.19	22.25	22.15		
20	16QAM	1	99	22.01	22.21	22.11		
20	16QAM	50	0	21.29	21.36	21.30	22	2
20	16QAM	50	24	21.36	21.44	21.29		
20	16QAM	50	50	21.36	21.28	21.12		
20	16QAM	100	0	21.20	21.39	21.23		
20	64QAM	1	0	21.35	21.30	21.20	22	2
20	64QAM	1	49	21.14	21.37	21.17		
20	64QAM	1	99	21.18	21.22	21.21		
20	64QAM	50	0	20.34	20.45	20.34	21	3
20	64QAM	50	24	20.22	20.38	20.24		
20	64QAM	50	50	20.14	20.22	20.22		
20	64QAM	100	0	20.18	20.25	20.07		
20	256QAM	1	0	18.46	18.44	18.33	19	5
20	256QAM	1	49	18.23	18.38	18.20		
20	256QAM	1	99	18.31	18.39	18.33		
20	256QAM	50	0	18.24	18.38	18.32	19	5
20	256QAM	50	24	18.28	18.37	18.35		
20	256QAM	50	50	18.28	18.41	18.30		
20	256QAM	100	0	18.15	18.37	18.25		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.06	23.11	23.06	24	0
15	QPSK	1	37	23.02	23.08	23.07		
15	QPSK	1	74	23.03	23.07	23.09		
15	QPSK	36	0	22.09	22.16	22.11	23	1
15	QPSK	36	20	22.02	22.12	21.98		
15	QPSK	36	39	22.12	22.23	22.12		
15	QPSK	75	0	22.07	22.17	22.07		
15	16QAM	1	0	22.11	22.17	22.07	23	1
15	16QAM	1	37	22.06	22.07	22.07		
15	16QAM	1	74	21.94	22.06	21.95		
15	16QAM	36	0	21.19	21.12	21.13	22	2
15	16QAM	36	20	21.24	21.30	21.18		
15	16QAM	36	39	21.12	21.26	21.03		
15	16QAM	75	0	21.05	21.27	21.10		
15	64QAM	1	0	21.15	21.14	21.13	22	2
15	64QAM	1	37	21.05	21.17	20.96		
15	64QAM	1	74	21.10	21.01	21.03		
15	64QAM	36	0	20.09	20.33	20.20	21	3
15	64QAM	36	20	20.19	20.32	20.20		
15	64QAM	36	39	20.05	20.15	20.19		
15	64QAM	75	0	20.03	20.12	19.95		
15	256QAM	1	0	18.29	18.22	18.28	19	5
15	256QAM	1	37	18.13	18.29	18.08		
15	256QAM	1	74	18.13	18.16	18.23		
15	256QAM	36	0	18.16	18.24	18.16	19	5
15	256QAM	36	20	18.13	18.23	18.24		
15	256QAM	36	39	18.18	18.30	18.26		
15	256QAM	75	0	18.06	18.16	18.12		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.09	23.12	23.15	24	0
10	QPSK	1	25	23.06	23.12	22.97		
10	QPSK	1	49	23.04	23.08	23.00		
10	QPSK	25	0	22.18	22.15	22.13	23	1
10	QPSK	25	12	21.99	22.09	21.98		
10	QPSK	25	25	22.06	22.22	22.12		
10	QPSK	50	0	21.97	22.25	22.04		
10	16QAM	1	0	22.11	22.16	22.07	23	1
10	16QAM	1	25	22.12	22.11	21.98		
10	16QAM	1	49	21.93	22.11	21.98		
10	16QAM	25	0	21.19	21.15	21.23	22	2
10	16QAM	25	12	21.28	21.22	21.21		
10	16QAM	25	25	21.11	21.21	20.96		
10	16QAM	50	0	21.11	21.19	21.16		
10	64QAM	1	0	21.16	21.13	21.06	22	2
10	64QAM	1	25	21.08	21.16	21.01		
10	64QAM	1	49	21.07	21.05	21.01		
10	64QAM	25	0	20.14	20.32	20.15	21	3
10	64QAM	25	12	20.15	20.22	20.14		
10	64QAM	25	25	19.99	20.20	20.14		
10	64QAM	50	0	20.07	20.20	20.02		
10	256QAM	1	0	18.24	18.28	18.28	19	5
10	256QAM	1	25	18.16	18.36	18.09		
10	256QAM	1	49	18.11	18.16	18.19		
10	256QAM	25	0	18.09	18.23	18.17	19	5
10	256QAM	25	12	18.19	18.17	18.26		
10	256QAM	25	25	18.12	18.21	18.25		
10	256QAM	50	0	18.10	18.22	18.09		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.05	23.22	23.18	24	0
5	QPSK	1	12	23.05	23.11	23.07		
5	QPSK	1	24	23.12	23.06	23.00		
5	QPSK	12	0	22.10	22.15	22.02	23	1
5	QPSK	12	7	22.02	22.09	22.02		
5	QPSK	12	13	22.11	22.13	22.03		
5	QPSK	25	0	22.05	22.26	22.07		
5	16QAM	1	0	22.06	22.16	22.09	23	1
5	16QAM	1	12	22.12	22.13	21.98		
5	16QAM	1	24	21.98	22.06	21.98		
5	16QAM	12	0	21.24	21.12	21.15	22	2
5	16QAM	12	7	21.21	21.30	21.14		
5	16QAM	12	13	21.12	21.19	20.94		
5	16QAM	25	0	21.00	21.22	21.13		
5	64QAM	1	0	21.16	21.14	21.08	22	2
5	64QAM	1	12	20.97	21.19	20.99		
5	64QAM	1	24	21.09	21.07	21.06		
5	64QAM	12	0	20.19	20.30	20.13	21	3
5	64QAM	12	7	20.09	20.28	20.11		
5	64QAM	12	13	20.07	20.14	20.08		
5	64QAM	25	0	20.09	20.20	19.99		
5	256QAM	1	0	18.24	18.33	18.18	19	5
5	256QAM	1	12	18.15	18.27	18.15		
5	256QAM	1	24	18.15	18.20	18.17		
5	256QAM	12	0	18.15	18.23	18.08	19	5
5	256QAM	12	7	18.09	18.17	18.20		
5	256QAM	12	13	18.15	18.30	18.19		
5	256QAM	25	0	17.99	18.25	18.13		
Channel				131917	132322	132727	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.05	23.19	23.09	24	0
3	QPSK	1	8	23.05	23.12	22.99		
3	QPSK	1	14	23.09	23.11	23.06		
3	QPSK	8	0	22.17	22.22	22.13	23	1
3	QPSK	8	4	22.05	22.12	21.97		
3	QPSK	8	7	22.12	22.12	22.06		
3	QPSK	15	0	22.06	22.20	22.04		
3	16QAM	1	0	22.01	22.21	22.12	23	1
3	16QAM	1	8	22.12	22.05	22.02		
3	16QAM	1	14	21.92	22.11	21.90		
3	16QAM	8	0	21.16	21.19	21.22	22	2
3	16QAM	8	4	21.18	21.30	21.17		
3	16QAM	8	7	21.21	21.18	21.04		
3	16QAM	15	0	21.02	21.21	21.10		
3	64QAM	1	0	21.17	21.09	21.06	22	2
3	64QAM	1	8	21.02	21.20	21.00		
3	64QAM	1	14	21.07	21.01	21.00		
3	64QAM	8	0	20.19	20.33	20.20	21	3
3	64QAM	8	4	20.12	20.24	20.10		
3	64QAM	8	7	19.99	20.09	20.13		
3	64QAM	15	0	20.06	20.21	19.99		
3	256QAM	1	0	18.29	18.25	18.17	19	5
3	256QAM	1	8	18.17	18.26	18.17		
3	256QAM	1	14	18.10	18.21	18.21		
3	256QAM	8	0	18.16	18.16	18.11	19	5
3	256QAM	8	4	18.11	18.24	18.26		
3	256QAM	8	7	18.21	18.30	18.26		
3	256QAM	15	0	18.04	18.23	18.03		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.08	23.21	23.11	24	0
1.4	QPSK	1	3	22.97	23.06	23.05		
1.4	QPSK	1	5	23.09	23.06	22.99		
1.4	QPSK	3	0	23.14	23.18	23.09		
1.4	QPSK	3	1	23.01	23.14	22.98		
1.4	QPSK	3	3	23.04	23.04	23.08		
1.4	QPSK	6	0	22.17	22.19	22.07	23	1
1.4	16QAM	1	0	22.00	22.07	22.02	23	1
1.4	16QAM	1	3	22.07	22.13	22.03		
1.4	16QAM	1	5	22.00	22.23	22.12		
1.4	16QAM	3	0	22.07	22.19	22.11		
1.4	16QAM	3	1	22.16	22.12	22.03		
1.4	16QAM	3	3	21.87	22.08	21.94		
1.4	16QAM	6	0	21.15	21.13	21.21	22	2
1.4	64QAM	1	0	21.26	21.24	21.25	22	2
1.4	64QAM	1	3	21.21	21.16	21.03		
1.4	64QAM	1	5	21.09	21.27	21.15		
1.4	64QAM	3	0	21.19	21.19	21.07		
1.4	64QAM	3	1	20.99	21.16	21.03		
1.4	64QAM	3	3	21.15	21.06	21.05		
1.4	64QAM	6	0	20.18	20.34	20.17	21	3
1.4	256QAM	1	0	18.33	18.22	18.19	19	5
1.4	256QAM	1	3	18.21	18.29	18.15		
1.4	256QAM	1	5	18.08	18.23	18.17		
1.4	256QAM	3	0	18.16	18.25	18.16		
1.4	256QAM	3	1	18.17	18.20	18.21		
1.4	256QAM	3	3	18.13	18.27	18.27		
1.4	256QAM	6	0	18.02	18.25	18.14	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.51	22.54	22.52	24	0
20	QPSK	1	49	22.42	22.46	22.46		
20	QPSK	1	99	22.51	22.45	22.44		
20	QPSK	50	0	21.49	21.60	21.50	23	1
20	QPSK	50	24	21.43	21.46	21.35		
20	QPSK	50	50	21.44	21.53	21.47		
20	QPSK	100	0	21.48	21.61	21.52		
20	16QAM	1	0	21.49	21.53	21.46	23	1
20	16QAM	1	49	21.53	21.54	21.42		
20	16QAM	1	99	21.33	21.55	21.39		
20	16QAM	50	0	20.58	20.54	20.56	22	2
20	16QAM	50	24	20.68	20.60	20.54		
20	16QAM	50	50	20.56	20.61	20.33		
20	16QAM	100	0	20.48	20.68	20.58		
20	64QAM	1	0	20.60	20.61	20.52	22	2
20	64QAM	1	49	20.47	20.61	20.37		
20	64QAM	1	99	20.53	20.46	20.39		
20	64QAM	50	0	19.51	19.78	19.58	21	3
20	64QAM	50	24	19.49	19.70	19.54		
20	64QAM	50	50	19.47	19.52	19.59		
20	64QAM	100	0	19.48	19.53	19.33		
20	256QAM	1	0	17.66	17.67	17.66	19	5
20	256QAM	1	49	17.50	17.71	17.47		
20	256QAM	1	99	17.49	17.58	17.65		
20	256QAM	50	0	17.56	17.65	17.57	19	5
20	256QAM	50	24	17.50	17.54	17.64		
20	256QAM	50	50	17.62	17.62	17.68		
20	256QAM	100	0	17.48	17.57	17.54		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.43	22.50	22.39	24	0
15	QPSK	1	37	22.32	22.41	22.39		
15	QPSK	1	74	22.40	22.35	22.32		
15	QPSK	36	0	21.37	21.51	21.36	23	1
15	QPSK	36	20	21.37	21.36	21.20		
15	QPSK	36	39	21.32	21.48	21.38		
15	QPSK	75	0	21.36	21.58	21.40		
15	16QAM	1	0	21.35	21.40	21.41	23	1
15	16QAM	1	37	21.38	21.48	21.36		
15	16QAM	1	74	21.23	21.51	21.35		
15	16QAM	36	0	20.52	20.48	20.42	22	2
15	16QAM	36	20	20.64	20.54	20.50		
15	16QAM	36	39	20.50	20.50	20.27		
15	16QAM	75	0	20.42	20.57	20.52		
15	64QAM	1	0	20.56	20.51	20.37	22	2
15	64QAM	1	37	20.32	20.50	20.26		
15	64QAM	1	74	20.47	20.32	20.29		
15	64QAM	36	0	19.37	19.68	19.50	21	3
15	64QAM	36	20	19.36	19.59	19.41		
15	64QAM	36	39	19.38	19.45	19.50		
15	64QAM	75	0	19.34	19.48	19.27		
15	256QAM	1	0	17.59	17.55	17.62	19	5
15	256QAM	1	37	17.38	17.62	17.35		
15	256QAM	1	74	17.41	17.48	17.51		
15	256QAM	36	0	17.52	17.55	17.50	19	5
15	256QAM	36	20	17.42	17.45	17.56		
15	256QAM	36	39	17.58	17.52	17.60		
15	256QAM	75	0	17.35	17.48	17.49		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.36	22.42	22.46	24	0
10	QPSK	1	25	22.34	22.31	22.36		
10	QPSK	1	49	22.45	22.36	22.35		
10	QPSK	25	0	21.34	21.55	21.36	23	1
10	QPSK	25	12	21.31	21.39	21.24		
10	QPSK	25	25	21.40	21.47	21.33		
10	QPSK	50	0	21.44	21.52	21.39		
10	16QAM	1	0	21.34	21.39	21.42	23	1
10	16QAM	1	25	21.39	21.51	21.28		
10	16QAM	1	49	21.22	21.43	21.31		
10	16QAM	25	0	20.46	20.49	20.49	22	2
10	16QAM	25	12	20.57	20.48	20.43		
10	16QAM	25	25	20.41	20.53	20.24		
10	16QAM	50	0	20.43	20.58	20.45		
10	64QAM	1	0	20.56	20.47	20.39	22	2
10	64QAM	1	25	20.36	20.48	20.29		
10	64QAM	1	49	20.44	20.40	20.30		
10	64QAM	25	0	19.47	19.73	19.44	21	3
10	64QAM	25	12	19.40	19.59	19.44		
10	64QAM	25	25	19.40	19.42	19.54		
10	64QAM	50	0	19.36	19.39	19.22	19	5
10	256QAM	1	0	17.58	17.61	17.55		
10	256QAM	1	25	17.38	17.59	17.41		
10	256QAM	1	49	17.43	17.55	17.56		
10	256QAM	25	0	17.45	17.56	17.49	19	5
10	256QAM	25	12	17.38	17.46	17.56		
10	256QAM	25	25	17.52	17.57	17.55		
10	256QAM	50	0	17.33	17.47	17.40		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.46	22.51	22.42	24	0
5	QPSK	1	12	22.31	22.34	22.32		
5	QPSK	1	24	22.39	22.31	22.33		
5	QPSK	12	0	21.43	21.49	21.44	23	1
5	QPSK	12	7	21.33	21.40	21.27		
5	QPSK	12	13	21.29	21.48	21.44		
5	QPSK	25	0	21.34	21.49	21.44		
5	16QAM	1	0	21.36	21.44	21.35	23	1
5	16QAM	1	12	21.43	21.42	21.32		
5	16QAM	1	24	21.19	21.43	21.27		
5	16QAM	12	0	20.51	20.45	20.43	22	2
5	16QAM	12	7	20.65	20.51	20.47		
5	16QAM	12	13	20.46	20.49	20.21		
5	16QAM	25	0	20.35	20.55	20.48		
5	64QAM	1	0	20.53	20.49	20.41	22	2
5	64QAM	1	12	20.42	20.48	20.28		
5	64QAM	1	24	20.42	20.34	20.31		
5	64QAM	12	0	19.41	19.69	19.49	21	3
5	64QAM	12	7	19.39	19.60	19.50		
5	64QAM	12	13	19.43	19.38	19.51		
5	64QAM	25	0	19.35	19.49	19.20		
5	256QAM	1	0	17.56	17.62	17.55	19	5
5	256QAM	1	12	17.43	17.56	17.33		
5	256QAM	1	24	17.36	17.52	17.61		
5	256QAM	12	0	17.45	17.53	17.46	19	5
5	256QAM	12	7	17.38	17.51	17.55		
5	256QAM	12	13	17.53	17.58	17.58		
5	256QAM	25	0	17.33	17.51	17.49		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.30	24.35	24.31	25	0
20	QPSK	1	49	24.26	24.30	24.16		
20	QPSK	1	99	24.20	24.26	24.19		
20	QPSK	50	0	23.27	23.42	23.37	24	1
20	QPSK	50	24	23.27	23.31	23.19		
20	QPSK	50	50	23.23	23.33	23.29		
20	QPSK	100	0	23.19	23.31	23.21		
20	16QAM	1	0	23.19	23.28	23.18	24	1
20	16QAM	1	49	23.30	23.32	23.18		
20	16QAM	1	99	23.11	23.26	23.14		
20	16QAM	50	0	22.34	22.37	22.39	23	2
20	16QAM	50	24	22.42	22.34	22.41		
20	16QAM	50	50	22.30	22.38	22.17		
20	16QAM	100	0	22.33	22.40	22.30		
20	64QAM	1	0	22.34	22.33	22.29	23	2
20	64QAM	1	49	22.21	22.36	22.21		
20	64QAM	1	99	22.26	22.33	22.23		
20	64QAM	50	0	21.32	21.53	21.38	22	3
20	64QAM	50	24	21.37	21.42	21.32		
20	64QAM	50	50	21.22	21.33	21.21		
20	64QAM	100	0	21.19	21.36	21.16		
20	256QAM	1	0	19.48	19.49	19.40	20	5
20	256QAM	1	49	19.37	19.55	19.41		
20	256QAM	1	99	19.30	19.47	19.40		
20	256QAM	50	0	19.33	19.35	19.26	20	5
20	256QAM	50	24	19.30	19.40	19.32		
20	256QAM	50	50	19.30	19.42	19.39		
20	256QAM	100	0	19.28	19.34	19.30		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.17	24.23	24.27	25	0
15	QPSK	1	37	24.15	24.21	24.02		
15	QPSK	1	74	24.08	24.17	24.05		
15	QPSK	36	0	23.14	23.31	23.33	24	1
15	QPSK	36	20	23.13	23.23	23.08		
15	QPSK	36	39	23.09	23.25	23.17		
15	QPSK	75	0	23.11	23.17	23.13		
15	16QAM	1	0	23.06	23.14	23.11	24	1
15	16QAM	1	37	23.16	23.19	23.05		
15	16QAM	1	74	23.07	23.15	23.04		
15	16QAM	36	0	22.26	22.33	22.27	23	2
15	16QAM	36	20	22.39	22.25	22.32		
15	16QAM	36	39	22.21	22.24	22.08		
15	16QAM	75	0	22.29	22.34	22.23		
15	64QAM	1	0	22.22	22.29	22.26	23	2
15	64QAM	1	37	22.17	22.31	22.16		
15	64QAM	1	74	22.15	22.25	22.13		
15	64QAM	36	0	21.28	21.48	21.26	22	3
15	64QAM	36	20	21.25	21.32	21.17		
15	64QAM	36	39	21.18	21.22	21.13		
15	64QAM	75	0	21.12	21.21	21.12		
15	256QAM	1	0	19.38	19.38	19.26	20	5
15	256QAM	1	37	19.31	19.48	19.29		
15	256QAM	1	74	19.22	19.33	19.29		
15	256QAM	36	0	19.25	19.26	19.20	20	5
15	256QAM	36	20	19.16	19.37	19.19		
15	256QAM	36	39	19.17	19.35	19.30		
15	256QAM	75	0	19.18	19.21	19.18		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.19	24.29	24.16	25	0
10	QPSK	1	25	24.20	24.24	24.09		
10	QPSK	1	49	24.08	24.17	24.12		
10	QPSK	25	0	23.19	23.27	23.31	24	1
10	QPSK	25	12	23.18	23.17	23.08		
10	QPSK	25	25	23.13	23.27	23.16		
10	QPSK	50	0	23.12	23.28	23.07		
10	16QAM	1	0	23.07	23.14	23.15	24	1
10	16QAM	1	25	23.26	23.22	23.06		
10	16QAM	1	49	22.98	23.11	23.08		
10	16QAM	25	0	22.30	22.27	22.26	23	2
10	16QAM	25	12	22.36	22.22	22.32		
10	16QAM	25	25	22.27	22.24	22.14		
10	16QAM	50	0	22.18	22.30	22.24		
10	64QAM	1	0	22.25	22.28	22.17	23	2
10	64QAM	1	25	22.06	22.21	22.07		
10	64QAM	1	49	22.22	22.21	22.19		
10	64QAM	25	0	21.25	21.47	21.27	22	3
10	64QAM	25	12	21.23	21.30	21.19		
10	64QAM	25	25	21.16	21.29	21.12		
10	64QAM	50	0	21.11	21.26	21.05		
10	256QAM	1	0	19.39	19.45	19.35	20	5
10	256QAM	1	25	19.34	19.49	19.31		
10	256QAM	1	49	19.24	19.43	19.35		
10	256QAM	25	0	19.23	19.27	19.23	20	5
10	256QAM	25	12	19.18	19.25	19.26		
10	256QAM	25	25	19.19	19.33	19.24		
10	256QAM	50	0	19.15	19.21	19.15		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.25	24.25	24.24	25	0
5	QPSK	1	12	24.12	24.22	24.02		
5	QPSK	1	24	24.11	24.21	24.06		
5	QPSK	12	0	23.20	23.28	23.34	24	1
5	QPSK	12	7	23.14	23.20	23.10		
5	QPSK	12	13	23.14	23.21	23.15		
5	QPSK	25	0	23.15	23.23	23.15		
5	16QAM	1	0	23.09	23.24	23.14	24	1
5	16QAM	1	12	23.20	23.23	23.10		
5	16QAM	1	24	23.00	23.15	23.02		
5	16QAM	12	0	22.27	22.31	22.25	23	2
5	16QAM	12	7	22.34	22.21	22.28		
5	16QAM	12	13	22.24	22.35	22.11		
5	16QAM	25	0	22.27	22.36	22.19		
5	64QAM	1	0	22.31	22.23	22.15	23	2
5	64QAM	1	12	22.12	22.25	22.11		
5	64QAM	1	24	22.12	22.27	22.10		
5	64QAM	12	0	21.17	21.42	21.28	22	3
5	64QAM	12	7	21.23	21.28	21.18		
5	64QAM	12	13	21.14	21.24	21.12		
5	64QAM	25	0	21.05	21.28	21.11		
5	256QAM	1	0	19.36	19.45	19.31	20	5
5	256QAM	1	12	19.32	19.50	19.27		
5	256QAM	1	24	19.21	19.44	19.34		
5	256QAM	12	0	19.21	19.29	19.15	20	5
5	256QAM	12	7	19.26	19.34	19.22		
5	256QAM	12	13	19.22	19.31	19.30		
5	256QAM	25	0	19.15	19.22	19.23		

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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	24.52	24.50	24.56	24.36	24.45	25	0
20	QPSK	1	49	24.48	24.36	24.53	24.27	24.28		
20	QPSK	1	99	24.38	24.40	24.47	24.29	24.32		
20	QPSK	50	0	23.49	23.53	23.67	23.40	23.41	24	1
20	QPSK	50	24	23.50	23.44	23.52	23.40	23.37		
20	QPSK	50	50	23.43	23.53	23.50	23.39	23.46		
20	QPSK	100	0	23.44	23.43	23.52	23.39	23.38		
20	16QAM	1	0	23.39	23.36	23.54	23.27	23.22	24	1
20	16QAM	1	49	23.51	23.45	23.50	23.37	23.36		
20	16QAM	1	99	23.36	23.38	23.48	23.27	23.27		
20	16QAM	50	0	22.53	22.63	22.55	22.53	22.60	23	2
20	16QAM	50	24	22.58	22.64	22.51	22.56	22.51		
20	16QAM	50	50	22.47	22.42	22.62	22.38	22.27		
20	16QAM	100	0	22.54	22.48	22.65	22.39	22.40		
20	64QAM	1	0	22.59	22.52	22.53	22.38	22.46	23	2
20	64QAM	1	49	22.40	22.41	22.52	22.29	22.34		
20	64QAM	1	99	22.51	22.48	22.59	22.44	22.40		
20	64QAM	50	0	21.52	21.55	21.78	21.51	21.41	22	3
20	64QAM	50	24	21.60	21.50	21.68	21.38	21.35		
20	64QAM	50	50	21.48	21.38	21.56	21.30	21.34		
20	64QAM	100	0	21.36	21.40	21.51	21.29	21.34		
20	256QAM	1	0	19.69	19.62	19.72	19.53	19.59	20	5
20	256QAM	1	49	19.61	19.57	19.76	19.54	19.51		
20	256QAM	1	99	19.47	19.57	19.72	19.51	19.48		
20	256QAM	50	0	19.53	19.45	19.58	19.36	19.38	20	5
20	256QAM	50	24	19.50	19.57	19.57	19.52	19.44		
20	256QAM	50	50	19.54	19.63	19.68	19.54	19.59		
20	256QAM	100	0	19.45	19.47	19.51	19.35	19.37		
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	24.41	24.46	24.47	24.26	24.41	25	0
15	QPSK	1	37	24.34	24.31	24.40	24.19	24.15		
15	QPSK	1	74	24.30	24.26	24.42	24.26	24.21		
15	QPSK	36	0	23.45	23.39	23.55	23.34	23.32	24	1
15	QPSK	36	20	23.38	23.36	23.40	23.31	23.23		
15	QPSK	36	39	23.29	23.46	23.38	23.32	23.33		
15	QPSK	75	0	23.30	23.37	23.44	23.26	23.35		
15	16QAM	1	0	23.34	23.25	23.42	23.18	23.10	24	1
15	16QAM	1	37	23.37	23.41	23.41	23.32	23.22		
15	16QAM	1	74	23.30	23.32	23.41	23.14	23.20		
15	16QAM	36	0	22.40	22.53	22.50	22.47	22.46	23	2
15	16QAM	36	20	22.51	22.57	22.45	22.44	22.41		
15	16QAM	36	39	22.33	22.37	22.51	22.23	22.20		
15	16QAM	75	0	22.50	22.40	22.50	22.28	22.27		
15	64QAM	1	0	22.46	22.39	22.48	22.30	22.42	23	2
15	64QAM	1	37	22.27	22.33	22.38	22.26	22.23		
15	64QAM	1	74	22.43	22.43	22.55	22.37	22.30		
15	64QAM	36	0	21.46	21.43	21.68	21.40	21.27	22	3
15	64QAM	36	20	21.50	21.45	21.63	21.29	21.25		
15	64QAM	36	39	21.37	21.31	21.50	21.20	21.29		
15	64QAM	75	0	21.32	21.36	21.38	21.20	21.28		
15	256QAM	1	0	19.55	19.56	19.60	19.39	19.50	20	5
15	256QAM	1	37	19.49	19.48	19.62	19.49	19.45		
15	256QAM	1	74	19.32	19.47	19.62	19.46	19.33		
15	256QAM	36	0	19.44	19.33	19.49	19.25	19.29	20	5
15	256QAM	36	20	19.41	19.44	19.44	19.38	19.39		
15	256QAM	36	39	19.49	19.48	19.59	19.40	19.48		
15	256QAM	75	0	19.38	19.38	19.48	19.32	19.29		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.46	24.42	24.44	24.31	24.33	25	0
10	QPSK	1	25	24.35	24.25	24.41	24.13	24.16		
10	QPSK	1	49	24.34	24.30	24.39	24.23	24.23		
10	QPSK	25	0	23.40	23.46	23.53	23.31	23.36	24	1
10	QPSK	25	12	23.39	23.34	23.47	23.33	23.28		
10	QPSK	25	25	23.29	23.39	23.44	23.26	23.39		
10	QPSK	50	0	23.31	23.36	23.49	23.34	23.34		
10	16QAM	1	0	23.24	23.23	23.47	23.17	23.09	24	1
10	16QAM	1	25	23.36	23.41	23.43	23.26	23.30		
10	16QAM	1	49	23.23	23.34	23.38	23.18	23.22		
10	16QAM	25	0	22.44	22.55	22.52	22.47	22.56	23	2
10	16QAM	25	12	22.44	22.55	22.45	22.42	22.47		
10	16QAM	25	25	22.34	22.35	22.56	22.24	22.21		
10	16QAM	50	0	22.40	22.40	22.56	22.27	22.33		
10	64QAM	1	0	22.48	22.49	22.38	22.31	22.42	23	2
10	64QAM	1	25	22.26	22.27	22.48	22.17	22.28		
10	64QAM	1	49	22.45	22.36	22.50	22.39	22.34		
10	64QAM	25	0	21.48	21.46	21.70	21.38	21.30	22	3
10	64QAM	25	12	21.55	21.47	21.64	21.33	21.24		
10	64QAM	25	25	21.44	21.33	21.52	21.25	21.27		
10	64QAM	50	0	21.32	21.28	21.48	21.15	21.22		
10	256QAM	1	0	19.63	19.50	19.61	19.39	19.49	20	5
10	256QAM	1	25	19.49	19.43	19.71	19.41	19.43		
10	256QAM	1	49	19.38	19.42	19.63	19.42	19.36		
10	256QAM	25	0	19.43	19.40	19.49	19.25	19.33	20	5
10	256QAM	25	12	19.42	19.47	19.49	19.37	19.41		
10	256QAM	25	25	19.41	19.51	19.54	19.45	19.45		
10	256QAM	50	0	19.36	19.37	19.48	19.23	19.26		
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	24.41	24.36	24.48	24.30	24.31	25	0
5	QPSK	1	12	24.43	24.31	24.41	24.21	24.25		
5	QPSK	1	24	24.28	24.34	24.40	24.14	24.24		
5	QPSK	12	0	23.35	23.47	23.56	23.27	23.27	24	1
5	QPSK	12	7	23.41	23.37	23.46	23.30	23.32		
5	QPSK	12	13	23.32	23.38	23.45	23.35	23.33		
5	QPSK	25	0	23.41	23.31	23.44	23.33	23.30		
5	16QAM	1	0	23.30	23.32	23.47	23.20	23.13	24	1
5	16QAM	1	12	23.37	23.32	23.45	23.26	23.23		
5	16QAM	1	24	23.26	23.30	23.33	23.14	23.16		
5	16QAM	12	0	22.49	22.56	22.47	22.39	22.51	23	2
5	16QAM	12	7	22.47	22.60	22.38	22.47	22.47		
5	16QAM	12	13	22.42	22.34	22.58	22.30	22.13		
5	16QAM	25	0	22.42	22.44	22.54	22.31	22.34		
5	64QAM	1	0	22.54	22.46	22.49	22.27	22.38	23	2
5	64QAM	1	12	22.36	22.31	22.47	22.25	22.29		
5	64QAM	1	24	22.42	22.44	22.45	22.31	22.26		
5	64QAM	12	0	21.40	21.43	21.70	21.42	21.36	22	3
5	64QAM	12	7	21.49	21.37	21.61	21.27	21.31		
5	64QAM	12	13	21.43	21.27	21.44	21.24	21.28		
5	64QAM	25	0	21.26	21.35	21.46	21.18	21.24		
5	256QAM	1	0	19.55	19.57	19.66	19.42	19.45	20	5
5	256QAM	1	12	19.47	19.52	19.61	19.48	19.36		
5	256QAM	1	24	19.33	19.50	19.65	19.38	19.44		
5	256QAM	12	0	19.49	19.33	19.52	19.31	19.30	20	5
5	256QAM	12	7	19.43	19.44	19.48	19.40	19.29		
5	256QAM	12	13	19.48	19.53	19.65	19.41	19.54		
5	256QAM	25	0	19.38	19.42	19.42	19.22	19.28		

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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	26.88	26.87	27.00	26.81	26.88	28	0
20	QPSK	1	49	26.83	26.76	26.94	26.71	26.64		
20	QPSK	1	99	26.80	26.76	26.90	26.73	26.78		
20	QPSK	50	0	25.91	25.90	26.04	25.81	25.83	27	1
20	QPSK	50	24	25.91	25.81	25.96	25.78	25.74		
20	QPSK	50	50	25.78	25.94	25.91	25.86	25.87		
20	QPSK	100	0	25.81	25.85	25.88	25.80	25.75		
20	16QAM	1	0	25.83	25.72	25.95	25.71	25.65	27	1
20	16QAM	1	49	25.91	25.80	25.85	25.73	25.80		
20	16QAM	1	99	25.76	25.77	25.90	25.71	25.71		
20	16QAM	50	0	24.94	25.07	24.95	24.97	24.97	26	2
20	16QAM	50	24	24.98	25.08	24.91	24.94	24.97		
20	16QAM	50	50	24.93	24.84	24.98	24.80	24.63		
20	16QAM	100	0	24.90	24.92	25.01	24.80	24.87		
20	64QAM	1	0	24.99	24.94	24.96	24.79	24.84	26	2
20	64QAM	1	49	24.77	24.80	24.99	24.64	24.73		
20	64QAM	1	99	24.87	24.84	24.95	24.88	24.87		
20	64QAM	50	0	23.95	24.01	24.12	23.87	23.81	25	3
20	64QAM	50	24	24.00	23.92	24.05	23.76	23.80		
20	64QAM	50	50	23.91	23.84	23.92	23.82	23.78		
20	64QAM	100	0	23.75	23.80	23.89	23.75	23.73		
20	256QAM	1	0	22.06	22.01	22.19	21.95	22.02	23	5
20	256QAM	1	49	22.06	21.96	22.21	21.90	21.95		
20	256QAM	1	99	21.91	22.03	22.10	21.90	21.95		
20	256QAM	50	0	21.90	21.82	22.02	21.79	21.75	23	5
20	256QAM	50	24	21.95	22.00	22.01	21.88	21.88		
20	256QAM	50	50	21.98	22.01	22.12	21.98	22.04		
20	256QAM	100	0	21.92	21.88	21.95	21.81	21.79		
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	26.74	26.74	26.94	26.69	26.82	28	0
15	QPSK	1	37	26.77	26.62	26.86	26.58	26.52		
15	QPSK	1	74	26.70	26.70	26.77	26.66	26.66		
15	QPSK	36	0	25.76	25.86	26.00	25.75	25.70	27	1
15	QPSK	36	20	25.87	25.70	25.81	25.69	25.67		
15	QPSK	36	39	25.70	25.81	25.82	25.75	25.82		
15	QPSK	75	0	25.67	25.78	25.77	25.66	25.64		
15	16QAM	1	0	25.71	25.68	25.91	25.61	25.57	27	1
15	16QAM	1	37	25.78	25.66	25.75	25.66	25.77		
15	16QAM	1	74	25.69	25.67	25.85	25.67	25.65		
15	16QAM	36	0	24.90	25.00	24.91	24.91	24.87	26	2
15	16QAM	36	20	24.85	24.99	24.80	24.91	24.92		
15	16QAM	36	39	24.86	24.69	24.89	24.71	24.52		
15	16QAM	75	0	24.85	24.79	24.94	24.76	24.81		
15	64QAM	1	0	24.84	24.86	24.92	24.73	24.80	26	2
15	64QAM	1	37	24.71	24.69	24.87	24.58	24.65		
15	64QAM	1	74	24.80	24.77	24.92	24.78	24.77		
15	64QAM	36	0	23.88	23.87	24.02	23.73	23.73	25	3
15	64QAM	36	20	23.87	23.88	24.00	23.72	23.68		
15	64QAM	36	39	23.76	23.79	23.79	23.70	23.65		
15	64QAM	75	0	23.72	23.68	23.75	23.63	23.60		
15	256QAM	1	0	22.02	21.93	22.07	21.81	21.88	23	5
15	256QAM	1	37	22.00	21.89	22.15	21.76	21.86		
15	256QAM	1	74	21.78	21.91	22.06	21.85	21.80		
15	256QAM	36	0	21.79	21.70	21.88	21.65	21.66	23	5
15	256QAM	36	20	21.83	21.86	21.90	21.81	21.77		
15	256QAM	36	39	21.94	21.96	22.09	21.90	21.90		
15	256QAM	75	0	21.82	21.85	21.83	21.71	21.65		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	26.77	26.77	26.96	26.69	26.82	28	0
10	QPSK	1	25	26.75	26.66	26.82	26.56	26.52		
10	QPSK	1	49	26.67	26.69	26.80	26.68	26.69		
10	QPSK	25	0	25.85	25.77	25.98	25.77	25.75	27	1
10	QPSK	25	12	25.81	25.72	25.85	25.71	25.82		
10	QPSK	25	25	25.65	25.86	25.87	25.71	25.82		
10	QPSK	50	0	25.75	25.77	25.84	25.72	25.62		
10	16QAM	1	0	25.71	25.57	25.84	25.62	25.60	27	1
10	16QAM	1	25	25.86	25.74	25.78	25.61	25.69		
10	16QAM	1	49	25.71	25.64	25.86	25.58	25.64		
10	16QAM	25	0	24.79	25.00	24.86	24.90	24.84	26	2
10	16QAM	25	12	24.93	25.01	24.82	24.94	24.93		
10	16QAM	25	25	24.85	24.75	24.87	24.68	24.60		
10	16QAM	50	0	24.84	24.88	24.94	24.65	24.78		
10	64QAM	1	0	24.94	24.81	24.84	24.73	24.81	26	2
10	64QAM	1	25	24.64	24.71	24.95	24.52	24.62		
10	64QAM	1	49	24.79	24.72	24.87	24.79	24.74		
10	64QAM	25	0	23.81	23.97	24.02	23.74

Band 2 Ant 1

BW [MHz]	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	22.61	22.71	22.63		
20	QPSK	1	49	22.60	22.66	22.64	24	0
20	QPSK	1	99	22.66	22.63	22.59		
20	QPSK	50	0	21.66	21.72	21.64		
20	QPSK	50	24	21.66	21.66	21.69	23	1
20	QPSK	50	50	21.55	21.59	21.58		
20	QPSK	100	0	21.67	21.70	21.57		
20	16QAM	1	0	21.67	21.61	21.55		
20	16QAM	1	49	21.59	21.66	21.60	23	1
20	16QAM	1	99	21.46	21.52	21.55		
20	16QAM	50	0	20.64	20.73	20.60		
20	16QAM	50	24	20.70	20.71	20.57	22	2
20	16QAM	50	50	20.57	20.64	20.54		
20	16QAM	100	0	20.71	20.74	20.52		
20	64QAM	1	0	20.62	20.66	20.57		
20	64QAM	1	49	20.62	20.61	20.62	22	2
20	64QAM	1	99	20.50	20.50	20.59		
20	64QAM	50	0	19.69	19.74	19.66		
20	64QAM	50	24	19.63	19.69	19.66	21	3
20	64QAM	50	50	19.49	19.62	19.60		
20	64QAM	100	0	19.71	19.69	19.63		
20	256QAM	1	0	17.67	17.67	17.68		
20	256QAM	1	49	17.66	17.65	17.68	19	5
20	256QAM	1	99	17.58	17.59	17.61		
20	256QAM	50	0	17.65	17.66	17.58		
20	256QAM	50	24	17.72	17.57	17.60	19	5
20	256QAM	50	50	17.61	17.62	17.66		
20	256QAM	100	0	17.46	17.52	17.57		
Channel				18675	18900	19125		
Frequency (MHz)				1857.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	22.51	22.62	22.57		
15	QPSK	1	37	22.54	22.57	22.51	24	0
15	QPSK	1	74	22.50	22.53	22.51		
15	QPSK	36	0	21.56	21.69	21.53		
15	QPSK	36	20	21.53	21.53	21.60	23	1
15	QPSK	36	39	21.46	21.53	21.51		
15	QPSK	75	0	21.61	21.60	21.45		
15	16QAM	1	0	21.59	21.56	21.47		
15	16QAM	1	37	21.46	21.59	21.48	23	1
15	16QAM	1	74	21.44	21.42	21.42		
15	16QAM	36	0	20.53	20.66	20.50		
15	16QAM	36	20	20.65	20.63	20.57	22	2
15	16QAM	36	39	20.49	20.54	20.48		
15	16QAM	75	0	20.58	20.73	20.43		
15	64QAM	1	0	20.53	20.55	20.47		
15	64QAM	1	37	20.57	20.58	20.55	22	2
15	64QAM	1	74	20.46	20.42	20.48		
15	64QAM	36	0	19.55	19.64	19.61		
15	64QAM	36	20	19.51	19.59	19.55	21	3
15	64QAM	36	39	19.43	19.58	19.51		
15	64QAM	75	0	19.64	19.62	19.59		
15	256QAM	1	0	17.65	17.62	17.58		
15	256QAM	1	37	17.58	17.61	17.59	19	5
15	256QAM	1	74	17.51	17.48	17.53		
15	256QAM	36	0	17.56	17.57	17.53		
15	256QAM	36	20	17.68	17.47	17.48	19	5
15	256QAM	36	39	17.58	17.56	17.56		
15	256QAM	75	0	17.40	17.39	17.46		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.59	22.63	22.56		
10	QPSK	1	25	22.48	22.60	22.51	24	0
10	QPSK	1	49	22.50	22.54	22.54		
10	QPSK	25	0	21.55	21.67	21.52		
10	QPSK	25	12	21.56	21.59	21.62	23	1
10	QPSK	25	25	21.46	21.53	21.47		
10	QPSK	50	0	21.55	21.57	21.48		
10	16QAM	1	0	21.58	21.57	21.53		
10	16QAM	1	25	21.49	21.56	21.49	23	1
10	16QAM	1	49	21.39	21.47	21.47		
10	16QAM	25	0	20.59	20.63	20.53		
10	16QAM	25	12	20.61	20.58	20.61	22	2
10	16QAM	25	25	20.44	20.51	20.44		
10	16QAM	50	0	20.61	20.60	20.40		
10	64QAM	1	0	20.58	20.61	20.47		
10	64QAM	1	25	20.56	20.52	20.58	22	2
10	64QAM	1	49	20.42	20.36	20.51		
10	64QAM	25	0	19.63	19.70	19.57		
10	64QAM	25	12	19.51	19.56	19.56	21	3
10	64QAM	25	25	19.45	19.59	19.53		
10	64QAM	50	0	19.69	19.62	19.59		
10	256QAM	1	0	17.65	17.59	17.60		
10	256QAM	1	25	17.52	17.56	17.64	19	5
10	256QAM	1	49	17.50	17.46	17.57		
10	256QAM	25	0	17.57	17.60	17.52		
10	256QAM	25	12	17.48	17.43	17.57	19	5
10	256QAM	25	25	17.50	17.58	17.64		
10	256QAM	50	0	17.41	17.41	17.46		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.48	22.69	22.60		
5	QPSK	1	12	22.46	22.63	22.57	24	0
5	QPSK	1	24	22.57	22.55	22.45		
5	QPSK	12	0	21.61	21.66	21.53		
5	QPSK	12	7	21.53	21.63	21.62	23	1
5	QPSK	12	13	21.44	21.53	21.54		
5	QPSK	25	0	21.63	21.56	21.53		
5	16QAM	1	0	21.57	21.53	21.45		
5	16QAM	1	12	21.50	21.55	21.50	23	1
5	16QAM	1	24	21.37	21.40	21.50		
5	16QAM	12	0	20.55	20.64	20.55		
5	16QAM	12	7	20.57	20.63	20.63	22	2
5	16QAM	12	13	20.50	20.57	20.45		
5	16QAM	25	0	20.60	20.67	20.43		
5	64QAM	1	0	20.52	20.58	20.51		
5	64QAM	1	12	20.54	20.54	20.56	22	2
5	64QAM	1	24	20.40	20.36	20.53		
5	64QAM	12	0	19.61	19.71	19.62		
5	64QAM	12	7	19.61	19.64	19.56	21	3
5	64QAM	12	13	19.41	19.49	19.54		
5	64QAM	25	0	19.64	19.62	19.60		
5	256QAM	1	0	17.55	17.60	17.56		
5	256QAM	1	12	17.52	17.63	17.56	19	5
5	256QAM	1	24	17.54	17.55	17.51		
5	256QAM	12	0	17.61	17.52	17.46		
5	256QAM	12	7	17.68	17.46	17.56	19	5
5	256QAM	12	13	17.57	17.49	17.59		
5	256QAM	25	0	17.33	17.46	17.51		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.51	22.66	22.55		
3	QPSK	1	8	22.50	22.53	22.59	24	0
3	QPSK	1	14	22.58	22.55	22.55		
3	QPSK	8	0	21.63	21.68	21.54		
3	QPSK	8	4	21.56	21.54	21.63	23	1
3	QPSK	8	7	21.47	21.46	21.46		
3	QPSK	15	0	21.53	21.67	21.49		
3	16QAM	1	0	21.57	21.49	21.46		
3	16QAM	1	8	21.46	21.62	21.53	23	1
3	16QAM	1	14	21.38	21.50	21.51		
3	16QAM	8	0	20.56	20.68	20.47		
3	16QAM	8	4	20.59	20.61	20.64	22	2
3	16QAM	8	7	20.45	20.59	20.47		
3	16QAM	15	0	20.61	20.66	20.46		
3	64QAM	1	0	20.57	20.62	20.44		
3	64QAM	1	8	20.52	20.55	20.51	22	2
3	64QAM	1	14	20.42	20.38	20.48		
3	64QAM	8	0	19.65	19.67	19.55		
3	64QAM	8	4	19.54	19.56	19.53	21	3
3	64QAM	8	7	19.46	19.49	19.51		
3	64QAM	15	0	19.68	19.60	19.51		
3	256QAM	1	0	17.59	17.55	17.64		
3	256QAM	1	8	17.63	17.63	17.58	19	5
3	256QAM	1	14	17.62	17.55	17.56		
3	256QAM	8	0	17.62	17.60	17.47		
3	256QAM	8	4	17.62	17.55	17.54	19	5
3	256QAM	8	7	17.49	17.57	17.55		
3	256QAM	15	0	17.35	17.46	17.50		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.52	22.57	22.52		
1.4	QPSK	1	3	22.57	22.56	22.61		
1.4	QPSK	1	5	22.49	22.59	22.57	24	0
1.4	QPSK	3	0	22.46	22.52	22.40		
1.4	QPSK	3	1	22.49	22.44	22.47		
1.4	QPSK	3	3	22.46	22.49	22.54		
1.4	QPSK	6	0	21.61	21.66	21.51	23	1
1.4	16QAM	1	0	21.59	21.52	21.46		
1.4	16QAM	1	3	21.56	21.53	21.50		
1.4	16QAM	1	5	21.43	21.49	21.46	23	1
1.4	16QAM	3	0	21.55	21.57	21.39		
1.4	16QAM	3	1	21.52	21.47	21.39		
1.4	16QAM	3	3	21.50	21.39	21.44		
1.4	16QAM	6	0	20.65	20.63	20.44	22	2
1.4	64QAM	1	0	20.52	20.63	20.54		
1.4	64QAM	1	3	20.51	20.58	20.50		
1.4	64QAM	1	5	20.46	20.42	20.49	22	2
1.4	64QAM	3	0	20.54	20.60	20.31		
1.4	64QAM	3	1	20.38	20.54	20.46		
1.4	64QAM	3	3	20.38	20.45	20.39		
1.4	64QAM	6	0	19.64	19.57	19.54	21	3
1.4	256QAM	1	0	17.55	17.63	17.55		
1.4	256QAM	1	3	17.53	17.53	17.65		
1.4	256QAM	1	5	17.45	17.54	17.50	19	5
1.4	256QAM	3	0	17.55	17.60	17.46		
1.4	256QAM	3	1	17.60	17.45	17.50		
1.4	256QAM	3	3	17.50	17.59	17.59		
1.4	256QAM	6	0	17.38	17.43	17.45	19	5

Band 4 Ant 1

BW [MHz]	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	23.06	23.03		
20	QPSK	1	49	22.96	23.00	22.93	24	0
20	QPSK	1	99	22.97	22.99	22.95		
20	QPSK	50	0	22.06	22.08	21.97		
20	QPSK	50	24	21.98	21.95	21.97	23	1
20	QPSK	50	50	22.01	22.05	21.96		
20	QPSK	100	0	22.02	22.06	21.98		
20	16QAM	1	0	22.00	22.05	22.02		
20	16QAM	1	49	21.91	21.95	21.92	23	1
20	16QAM	1	99	21.94	21.93	21.94		
20	16QAM	50	0	21.01	21.07	20.98		
20	16QAM	50	24	21.03	20.92	20.98	22	2
20	16QAM	50	50	21.07	21.03	20.98		
20	16QAM	100	0	21.04	21.02	21.04		
20	64QAM	1	0	20.97	21.00	21.04		
20	64QAM	1	49	20.94	20.96	20.90	22	2
20	64QAM	1	99	20.95	21.04	20.93		
20	64QAM	50	0	20.01	20.07	19.96		
20	64QAM	50	24	19.96	20.00	19.98	21	3
20	64QAM	50	50	19.97	20.04	20.01		
20	64QAM	100	0	20.08	20.00	19.97		
20	256QAM	1	0	18.01	18.11	17.93		
20	256QAM	1	49	18.02	17.91	17.92	19	5
20	256QAM	1	99	18.05	18.07	18.01		
20	256QAM	50	0	18.01	18.05	18.03		
20	256QAM	50	24	18.04	18.00	18.05	19	5
20	256QAM	50	50	17.87	17.94	17.89		
20	256QAM	100	0	17.93	17.90	17.94		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.90	23.01	23.00		
15	QPSK	1	37	22.94	23.02	22.90	24	0
15	QPSK	1	74	22.90	22.84	22.80		
15	QPSK	36	0	21.96	21.97	21.93		
15	QPSK	36	20	21.86	21.86	21.92	23	1
15	QPSK	36	39	21.92	21.92	21.85		
15	QPSK	75	0	21.91	21.92	21.95		
15	16QAM	1	0	21.89	22.02	21.92		
15	16QAM	1	37	21.80	21.81	21.83	23	1
15	16QAM	1	74	21.81	21.88	21.88		
15	16QAM	36	0	20.93	20.98	20.92		
15	16QAM	36	20	20.88	20.78	20.92	22	2
15	16QAM	36	39	21.01	20.94	20.95		
15	16QAM	75	0	20.91	21.07	20.99		
15	64QAM	1	0	20.90	21.04	20.99		
15	64QAM	1	37	20.84	20.83	20.86	22	2
15	64QAM	1	74	20.86	20.91	20.87		
15	64QAM	36	0	19.96	19.98	19.81		
15	64QAM	36	20	19.87	19.79	19.86	21	3
15	64QAM	36	39	19.85	19.91	19.93		
15	64QAM	75	0	20.00	19.87	19.90		
15	256QAM	1	0	17.98	18.06	17.87		
15	256QAM	1	37	17.97	17.97	17.83	19	5
15	256QAM	1	74	17.92	17.93	17.89		
15	256QAM	36	0	17.96	17.92	17.96		
15	256QAM	36	20	17.91	17.94	17.96	19	5
15	256QAM	36	39	17.84	17.97	17.79		
15	256QAM	75	0	17.81	17.86	17.82		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.95	22.97	22.89		
10	QPSK	1	25	22.93	22.91	22.80	24	0
10	QPSK	1	49	22.85	22.92	22.90		
10	QPSK	25	0	21.95	22.02	21.91		
10	QPSK	25	12	21.83	21.88	21.83	23	1
10	QPSK	25	25	21.93	21.92	21.87		
10	QPSK	50	0	21.95	21.98	21.90		
10	16QAM	1	0	21.96	21.92	21.88		
10	16QAM	1	25	21.81	21.80	21.85	23	1
10	16QAM	1	49	21.84	21.87	21.87		
10	16QAM	25	0	20.93	20.97	20.91		
10	16QAM	25	12	20.89	20.79	20.89	22	2
10	16QAM	25	25	21.00	20.88	20.91		
10	16QAM	50	0	20.90	20.94	20.93		
10	64QAM	1	0	20.89	21.06	20.98		
10	64QAM	1	25	20.91	20.81	20.86	22	2
10	64QAM	1	49	20.81	20.90	20.87		
10	64QAM	25	0	19.87	19.97	19.83		
10	64QAM	25	12	19.90	19.90	19.90	21	3
10	64QAM	25	25	19.90	19.96	19.88		
10	64QAM	50	0	20.01	19.94	19.84		
10	256QAM	1	0	17.92	18.00	17.89		
10	256QAM	1	25	17.99	17.82	17.78	19	5
10	256QAM	1	49	17.95	17.95	17.87		
10	256QAM	25	0	17.89	17.90	17.93		
10	256QAM	25	12	17.85	17.85	18.00	19	5
10	256QAM	25	25	17.78	17.87	17.78		
10	256QAM	50	0	17.84	17.75	17.84		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.89	22.96	22.92		
5	QPSK	1	12	22.92	22.96	22.80	24	0
5	QPSK	1	24	22.85	22.94	22.87		
5	QPSK	12	0	21.95	22.01	21.93		
5	QPSK	12	7	21.86	21.92	21.91	23	1
5	QPSK	12	13	21.92	21.93	21.84		
5	QPSK	25	0	21.88	21.91	21.93		
5	16QAM	1	0	21.94	21.95	21.90		
5	16QAM	1	12	21.91	21.82	21.82	23	1
5	16QAM	1	24	21.83	21.86	21.86		
5	16QAM	12	0	20.89	20.98	20.85		
5	16QAM	12	7	20.90	20.78	20.84	22	2
5	16QAM	12	13	21.02	20.88	20.84		
5	16QAM	25	0	20.99	20.96	20.92		
5	64QAM	1	0	20.83	21.05	20.93		
5	64QAM	1	12	20.86	20.87	20.81	22	2
5	64QAM	1	24	20.84	20.91	20.89		
5	64QAM	12	0	19.88	19.94	19.86		
5	64QAM	12	7	19.87	19.87	19.83	21	3
5	64QAM	12	13	19.84	19.92	19.90		
5	64QAM	25	0	19.94	19.99	19.85		
5	256QAM	1	0	17.87	18.03	17.86		
5	256QAM	1	12	17.89	17.88	17.83	19	5
5	256QAM	1	24	17.99	17.97	17.93		
5	256QAM	12	0	17.92	18.01	17.91		
5	256QAM	12	7	17.93	17.97	17.94	19	5
5	256QAM	12	13	17.80	17.81	17.86		
5	256QAM	25	0	17.81	17.79	17.91		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.93	23.02	22.99		
3	QPSK	1	8	22.88	22.93	22.80	24	0
3	QPSK	1	14	22.83	22.84	22.86		
3	QPSK	8	0	22.02	21.96	21.93		
3	QPSK	8	4	21.88	21.85	21.89	23	1
3	QPSK	8	7	21.93	21.91	21.83		
3	QPSK	15	0	21.94	21.94	21.89		
3	16QAM	1	0	21.93	21.99	21.97		
3	16QAM	1	8	21.81	21.87	21.81	23	1
3	16QAM	1	14	21.85	21.85	21.90		
3	16QAM	8	0	20.96	20.98	20.95		
3	16QAM	8	4	20.95	20.96	20.92	22	2
3	16QAM	8	7	20.99	20.98	20.88		
3	16QAM	15	0	20.93	20.89	20.90		
3	64QAM	1	0	20.84	21.03	20.92		
3	64QAM	1	8	20.83	20.88	20.85	22	2
3	64QAM	1	14	20.91	20.92	20.82		
3	64QAM	8	0	19.88	20.00	19.89		
3	64QAM	8	4	19.89	19.91	19.92	21	3
3	64QAM	8	7	19.83	19.89	19.93		
3	64QAM	15	0	19.96	19.90	19.91		
3	256QAM	1	0	17.94	17.98	17.82		
3	256QAM	1	8	17.95	17.77	17.80	19	5
3	256QAM	1	14	17.93	17.94	17.95		
3	256QAM	8	0	17.94	17.97	17.97		
3	256QAM	8	4	17.89	17.91	17.98	19	5
3	256QAM	8	7	17.72	17.84	17.81		
3	256QAM	15	0	17.88	17.84	17.90		
Channel				19967	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.98	22.94	22.89		
1.4	QPSK	1	3	22.91	22.91	22.88		
1.4	QPSK	1	5	22.85	22.87	22.91	24	0
1.4	QPSK	3	0	22.89	22.84	22.79		
1.4	QPSK	3	1	22.86	22.77	22.78		
1.4	QPSK	3	3	22.76	22.73	22.82		
1.4	QPSK	6	0	21.96	21.92	21.90	23	1
1.4	16QAM	1	0	21.90	21.96	21.97		
1.4	16QAM	1	3	21.86	21.82	21.79		
1.4	16QAM	1	5	21.83	21.84	21.86	23	1
1.4	16QAM	3	0	21.88	21.85	21.80		
1.4	16QAM	3	1	21.85	21.86	21.86		
1.4	16QAM	3	3	21.79	21.70	21.69		
1.4	16QAM	6	0	20.91	20.95	20.93	22	2
1.4	64QAM	1	0	20.84	20.95	20.99		
1.4	64QAM	1	3	20.80	20.92	20.75		
1.4	64QAM	1	5	20.86	20.98	20.81	22	2
1.4	64QAM	3	0	20.86	20.91	20.88		
1.4	64QAM	3	1	20.76	20.87	20.92		
1.4	64QAM	3	3	20.69	20.86	20.62		
1.4	64QAM	6	0	19.96	19.96	19.86	21	3
1.4	256QAM	1	0	17.91	17.99	17.89		
1.4	256QAM	1	3	17.92	17.78	17.87		
1.4	256QAM	1	5	17.97	18.01	17.90	19	5
1.4	256QAM	3	0	17.90	17.96	17.91		
1.4	256QAM	3	1	17.95	17.91	17.90		
1.4	256QAM	3	3	17.72	17.80	17.81		
1.4	256QAM	6	0	17.85	17.76	17.90	19	5

Band 5 Ant 1

BW [MHz]	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	21.72	21.82	21.79		
10	QPSK	1	25	21.64	21.75	21.65	23	0
10	QPSK	1	49	21.70	21.70	21.76		
10	QPSK	25	0	20.73	20.84	20.79		
10	QPSK	25	12	20.67	20.75	20.64	22	1
10	QPSK	25	25	20.74	20.64	20.76		
10	QPSK	50	0	20.76	20.78	20.75		
10	16QAM	1	0	20.69	20.78	20.79		
10	16QAM	1	25	20.66	20.79	20.65	22	1
10	16QAM	1	49	20.75	20.64	20.77		
10	16QAM	25	0	19.76	19.86	19.77		
10	16QAM	25	12	19.65	19.70	19.61	21	2
10	16QAM	25	25	19.75	19.63	19.74		
10	16QAM	50	0	19.68	19.74	19.78		
10	64QAM	1	0

Band 12 Ant 1

BW [MHz]	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	21.72	21.76	21.71	23	0
10	QPSK	1	25	21.66	21.70	21.66		
10	QPSK	1	49	21.61	21.69	21.67		
10	QPSK	25	0	20.68	20.78	20.77	22	1
10	QPSK	25	12	20.67	20.74	20.63		
10	QPSK	25	25	20.59	20.74	20.70		
10	QPSK	50	0	20.68	20.73	20.65		
10	16QAM	1	0	20.70	20.72	20.66	22	1
10	16QAM	1	25	20.63	20.70	20.70		
10	16QAM	1	49	20.62	20.69	20.62		
10	16QAM	25	0	19.66	19.74	19.74	21	2
10	16QAM	25	12	19.63	19.74	19.58		
10	16QAM	25	25	19.64	19.76	19.75		
10	16QAM	50	0	19.65	19.78	19.59		
10	64QAM	1	0	19.67	19.76	19.77	21	2
10	64QAM	1	25	19.61	19.69	19.69		
10	64QAM	1	49	19.58	19.74	19.64		
10	64QAM	25	0	18.66	18.76	18.82	20	3
10	64QAM	25	12	18.65	18.75	18.68		
10	64QAM	25	25	18.60	18.78	18.70		
10	64QAM	50	0	18.67	18.68	18.70		
10	256QAM	1	0	16.62	16.84	16.80	18	5
10	256QAM	1	25	16.70	16.75	16.63		
10	256QAM	1	49	16.55	16.80	16.73		
10	256QAM	25	0	16.67	16.73	16.70	18	5
10	256QAM	25	12	16.65	16.74	16.68		
10	256QAM	25	25	16.66	16.71	16.72		
10	256QAM	50	0	16.63	16.72	16.60		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.60	21.64	21.59	23	0
5	QPSK	1	12	21.62	21.66	21.52		
5	QPSK	1	24	21.51	21.64	21.58		
5	QPSK	12	0	20.59	20.65	20.69	22	1
5	QPSK	12	7	20.65	20.64	20.51		
5	QPSK	12	13	20.51	20.62	20.65		
5	QPSK	25	0	20.63	20.64	20.57		
5	16QAM	1	0	20.61	20.64	20.58	22	1
5	16QAM	1	12	20.56	20.58	20.63		
5	16QAM	1	24	20.59	20.63	20.57		
5	16QAM	12	0	19.57	19.65	19.71	21	2
5	16QAM	12	7	19.52	19.70	19.52		
5	16QAM	12	13	19.53	19.70	19.62		
5	16QAM	25	0	19.54	19.76	19.54		
5	64QAM	1	0	19.62	19.71	19.71	21	2
5	64QAM	1	12	19.55	19.61	19.55		
5	64QAM	1	24	19.55	19.62	19.57		
5	64QAM	12	0	18.57	18.70	18.77	20	3
5	64QAM	12	7	18.61	18.71	18.62		
5	64QAM	12	13	18.50	18.65	18.66		
5	64QAM	25	0	18.58	18.63	18.64		
5	256QAM	1	0	16.52	16.78	16.72	18	5
5	256QAM	1	12	16.64	16.84	16.65		
5	256QAM	1	24	16.42	16.76	16.68		
5	256QAM	12	0	16.64	16.63	16.65	18	5
5	256QAM	12	7	16.54	16.72	16.63		
5	256QAM	12	13	16.59	16.61	16.59		
5	256QAM	25	0	16.59	16.70	16.53		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.59	21.65	21.66	23	0
3	QPSK	1	8	21.60	21.64	21.62		
3	QPSK	1	14	21.57	21.56	21.54		
3	QPSK	8	0	20.65	20.67	20.71	22	1
3	QPSK	8	4	20.60	20.66	20.59		
3	QPSK	8	7	20.52	20.63	20.61		
3	QPSK	15	0	20.60	20.63	20.53		
3	16QAM	1	0	20.66	20.64	20.59	22	1
3	16QAM	1	8	20.58	20.60	20.60		
3	16QAM	1	14	20.59	20.63	20.56		
3	16QAM	8	0	19.63	19.64	19.72	21	2
3	16QAM	8	4	19.52	19.66	19.55		
3	16QAM	8	7	19.53	19.64	19.62		
3	16QAM	15	0	19.52	19.64	19.51		
3	64QAM	1	0	19.59	19.69	19.73	21	2
3	64QAM	1	8	19.50	19.67	19.65		
3	64QAM	1	14	19.55	19.69	19.55		
3	64QAM	8	0	18.60	18.73	18.74	20	3
3	64QAM	8	4	18.59	18.71	18.66		
3	64QAM	8	7	18.55	18.75	18.64		
3	64QAM	15	0	18.58	18.64	18.59		
3	256QAM	1	0	16.54	16.81	16.75	18	5
3	256QAM	1	8	16.65	16.62	16.54		
3	256QAM	1	14	16.53	16.71	16.60		
3	256QAM	8	0	16.63	16.62	16.64	18	5
3	256QAM	8	4	16.53	16.62	16.63		
3	256QAM	8	7	16.62	16.59	16.69		
3	256QAM	15	0	16.53	16.62	16.50		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.67	21.66	21.59	23	0
1.4	QPSK	1	3	21.59	21.62	21.55		
1.4	QPSK	1	5	21.58	21.64	21.59		
1.4	QPSK	3	0	21.59	21.58	21.48		
1.4	QPSK	3	1	21.57	21.56	21.47		
1.4	QPSK	3	3	21.46	21.57	21.55		
1.4	QPSK	6	0	20.59	20.70	20.56	22	1
1.4	16QAM	1	0	20.61	20.59	20.63	22	1
1.4	16QAM	1	3	20.58	20.68	20.67		
1.4	16QAM	1	5	20.53	20.60	20.51		
1.4	16QAM	3	0	20.56	20.58	20.51		
1.4	16QAM	3	1	20.54	20.48	20.50		
1.4	16QAM	3	3	20.49	20.66	20.55		
1.4	16QAM	6	0	19.59	19.65	19.54	21	2
1.4	64QAM	1	0	19.56	19.67	19.65	21	2
1.4	64QAM	1	3	19.57	19.62	19.56		
1.4	64QAM	1	5	19.51	19.69	19.60		
1.4	64QAM	3	0	19.57	19.52	19.46		
1.4	64QAM	3	1	19.53	19.59	19.62		
1.4	64QAM	3	3	19.52	19.50	19.47		
1.4	64QAM	6	0	18.58	18.59	18.57	20	3
1.4	256QAM	1	0	16.50	16.79	16.74	18	5
1.4	256QAM	1	3	16.66	16.68	16.61		
1.4	256QAM	1	5	16.51	16.74	16.61		
1.4	256QAM	3	0	16.60	16.62	16.66		
1.4	256QAM	3	1	16.60	16.64	16.54		
1.4	256QAM	3	3	16.55	16.62	16.63		
1.4	256QAM	6	0	16.52	16.61	16.57	18	5

Band 13 Ant 1

BW [MHz]	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		21.92		23	0
10	QPSK	1	25		21.85			
10	QPSK	1	49		21.81			
10	QPSK	25	0		20.97		22	1
10	QPSK	25	12		20.87			
10	QPSK	25	25		20.80			
10	QPSK	50	0		20.88			
10	16QAM	1	0		20.87		22	1
10	16QAM	1	25		20.87			
10	16QAM	1	49		20.75			
10	16QAM	25	0		19.96		21	2
10	16QAM	25	12		19.82			
10	16QAM	25	25		19.77			
10	16QAM	50	0		19.86			
10	64QAM	1	0		19.87		21	2
10	64QAM	1	25		19.88			
10	64QAM	1	49		19.83			
10	64QAM	25	0		19.01		20	3
10	64QAM	25	12		18.92			
10	64QAM	25	25		18.85			
10	64QAM	50	0		18.93			
10	256QAM	1	0		16.98		18	5
10	256QAM	1	25		16.82			
10	256QAM	1	49		16.84			
10	256QAM	25	0		16.85		18	5
10	256QAM	25	12		16.86			
10	256QAM	25	25		16.88			
10	256QAM	50	0		16.70			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.78	21.88	21.79	23	0
5	QPSK	1	12	21.72	21.72	21.76		
5	QPSK	1	24	21.78	21.78	21.78		
5	QPSK	12	0	20.86	20.89	20.84	22	1
5	QPSK	12	7	20.76	20.75	20.74		
5	QPSK	12	13	20.76	20.73	20.74		
5	QPSK	25	0	20.86	20.79	20.80		
5	16QAM	1	0	20.83	20.74	20.82	22	1
5	16QAM	1	12	20.82	20.84	20.79		
5	16QAM	1	24	20.66	20.68	20.71		
5	16QAM	12	0	19.85	19.91	19.90	21	2
5	16QAM	12	7	19.74	19.80	19.75		
5	16QAM	12	13	19.65	19.68	19.71		
5	16QAM	25	0	19.83	19.77	19.72		
5	64QAM	1	0	19.75	19.83	19.82	21	2
5	64QAM	1	12	19.75	19.77	19.79		
5	64QAM	1	24	19.73	19.69	19.75		
5	64QAM	12	0	18.90	18.87	18.97	20	3
5	64QAM	12	7	18.84	18.87	18.82		
5	64QAM	12	13	18.79	18.82	18.82		
5	64QAM	25	0	18.85	18.89	18.82		
5	256QAM	1	0	16.85	16.89	16.91	18	5
5	256QAM	1	12	16.80	16.76	16.76		
5	256QAM	1	24	16.72	16.74	16.71		
5	256QAM	12	0	16.77	16.81	16.75	18	5
5	256QAM	12	7	16.73	16.78	16.78		
5	256QAM	12	13	16.83	16.86	16.74		
5	256QAM	25	0	16.62	16.66	16.67		

Band 14 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.95		23	0
10	QPSK	1	25		21.91			
10	QPSK	1	49		21.86			
10	QPSK	25	0		20.98		22	1
10	QPSK	25	12		20.85			
10	QPSK	25	25		20.86			
10	QPSK	50	0		20.94			
10	16QAM	1	0		20.92		22	1
10	16QAM	1	25		20.88			
10	16QAM	1	49		20.83			
10	16QAM	25	0		19.98		21	2
10	16QAM	25	12		19.84			
10	16QAM	25	25		19.84			
10	16QAM	50	0		19.89			
10	64QAM	1	0		19.92		21	2
10	64QAM	1	25		19.95			
10	64QAM	1	49		19.85			
10	64QAM	25	0		18.94		20	3
10	64QAM	25	12		18.80			
10	64QAM	25	25		18.89			
10	64QAM	50	0		18.99			
10	256QAM	1	0		16.98		18	5
10	256QAM	1	25		16.87			
10	256QAM	1	49		16.89			
10	256QAM	25	0		16.96		18	5
10	256QAM	25	12		16.96			
10	256QAM	25	25		16.94			
10	256QAM	50	0		16.82			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.89	21.93	21.84	23	0
5	QPSK	1	12	21.83	21.86	21.82		
5	QPSK	1	24	21.78	21.81	21.83		
5	QPSK	12	0	20.85	20.96	20.93	22	1
5	QPSK	12	7	20.79	20.72	20.81		
5	QPSK	12	13	20.79	20.76	20.82		
5	QPSK	25	0	20.90	20.90	20.80		
5	16QAM	1	0	20.82	20.84	20.87	22	1
5	16QAM	1	12	20.86	20.80	20.75		
5	16QAM	1	24	20.79	20.76	20.80		
5	16QAM	12	0	19.88	19.87	19.94	21	2
5	16QAM	12	7	19.77	19.77	19.75		
5	16QAM	12	13	19.81	19.76	19.70		
5	16QAM	25	0	19.84	19.78	19.85		
5	64QAM	1	0	19.87	19.87	19.80	21	2
5	64QAM	1	12	19.90	19.92	19.87		
5	64QAM	1	24	19.80	19.73	19.72		
5	64QAM	12	0	18.83	18.83	18.91	20	3
5	64QAM	12	7	18.72	18.76	18.69		
5	64QAM	12	13	18.76	18.80	18.82		
5	64QAM	25	0	18.95	18.97	18.95		
5	256QAM	1	0	16.91	16.86	16.88	18	5
5	256QAM	1	12	16.82	16.74	16.78		
5	256QAM	1	24	16.86	16.76	16.76		
5	256QAM	12	0	16.85	16.87	16.90	18	5
5	256QAM	12	7	16.93	16.94	16.94		
5	256QAM	12	13	16.92	16.84	16.86		
5	256QAM	25	0	16.71	16.73	16.75		

Band 17 Ant 1

BW [MHz]	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	21.67	21.70	21.62	23	0
10	QPSK	1	25	21.59	21.67	21.63		
10	QPSK	1	49	21.57	21.62	21.53		
10	QPSK	25	0	20.58	20.75	20.67	22	1
10	QPSK	25	12	20.63	20.70	20.57		
10	QPSK	25	25	20.47	20.71	20.64		
10	QPSK	50	0	20.60	20.69	20.62		
10	16QAM	1	0	20.56	20.58	20.55	22	1
10	16QAM	1	25	20.56	20.64	20.66		
10	16QAM	1	49	20.56	20.65	20.55		
10	16QAM	25	0	19.55	19.70	19.62	21	2
10	16QAM	25	12	19.58	19.64	19.51		
10	16QAM	25	25	19.61	19.73	19.72		
10	16QAM	50	0	19.63	19.71	19.56		
10	64QAM	1	0	19.64	19.66	19.74	21	2
10	64QAM	1	25	19.53	19.63	19.62		
10	64QAM	1	49	19.52	19.67	19.54		
10	64QAM	25	0	18.59	18.66	18.69	20	3
10	64QAM	25	12	18.58	18.71	18.57		
10	64QAM	25	25	18.52	18.71	18.59		
10	64QAM	50	0	18.59	18.58	18.62		
10	256QAM	1	0	16.54	16.79	16.66	18	5
10	256QAM	1	25	16.59	16.65	16.54		
10	256QAM	1	49	16.47	16.70	16.68		
10	256QAM	25	0	16.63	16.68	16.66	18	5
10	256QAM	25	12	16.52	16.63	16.55		
10	256QAM	25	25	16.63	16.60	16.62		
10	256QAM	50	0	16.56	16.60	16.48		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.61	21.64	21.53	23	0
5	QPSK	1	12	21.49	21.54	21.57		
5	QPSK	1	24	21.46	21.57	21.44		
5	QPSK	12	0	20.51	20.66	20.55	22	1
5	QPSK	12	7	20.59	20.63	20.52		
5	QPSK	12	13	20.45	20.64	20.56		
5	QPSK	25	0	20.56	20.65	20.49		
5	16QAM	1	0	20.44	20.47	20.50	22	1
5	16QAM	1	12	20.53	20.59	20.60		
5	16QAM	1	24	20.44	20.58	20.51		
5	16QAM	12	0	19.43	19.59	19.50	21	2
5	16QAM	12	7	19.51	19.61	19.44		
5	16QAM	12	13	19.57	19.71	19.58		
5	16QAM	25	0	19.58	19.58	19.43		
5	64QAM	1	0	19.51	19.58	19.70	21	2
5	64QAM	1	12	19.45	19.52	19.50		
5	64QAM	1	24	19.46	19.62	19.41		
5	64QAM	12	0	18.47	18.62	18.65	20	3
5	64QAM	12	7	18.46	18.69	18.43		
5	64QAM	12	13	18.43	18.62	18.51		
5	64QAM	25	0	18.55	18.50	18.60		
5	256QAM	1	0	16.41	16.77	16.64	18	5
5	256QAM	1	12	16.46	16.57	16.46		
5	256QAM	1	24	16.38	16.64	16.59		
5	256QAM	12	0	16.60	16.62	16.55	18	5
5	256QAM	12	7	16.45	16.52	16.45		
5	256QAM	12	13	16.61	16.55	16.57		
5	256QAM	25	0	16.46	16.55	16.37		

Band 25 Ant 1

BW [MHz]	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	22.66	22.80	22.69	24	0
20	QPSK	1	49	22.67	22.71	22.65		
20	QPSK	1	99	22.62	22.69	22.66		
20	QPSK	50	0	21.74	21.80	21.63	23	1
20	QPSK	50	24	21.76	21.67	21.75		
20	QPSK	50	50	21.57	21.60	21.58		
20	QPSK	100	0	21.68	21.75	21.62		
20	16QAM	1	0	21.68	21.69	21.65	23	1
20	16QAM	1	49	21.66	21.77	21.66		
20	16QAM	1	99	21.56	21.54	21.56		
20	16QAM	50	0	20.64	20.77	20.63	22	2
20	16QAM	50	24	20.69	20.74	20.67		
20	16QAM	50	50	20.65	20.71	20.63		
20	16QAM	100	0	20.72	20.74	20.52		
20	64QAM	1	0	20.69	20.70	20.61	22	2
20	64QAM	1	49	20.72	20.66	20.72		
20	64QAM	1	99	20.60	20.58	20.62		
20	64QAM	50	0	19.72	19.74	19.69	21	3
20	64QAM	50	24	19.72	19.71	19.74		
20	64QAM	50	50	19.50	19.68	19.61		
20	64QAM	100	0	19.76	19.68	19.65		
20	256QAM	1	0	17.73	17.75	17.71	19	5
20	256QAM	1	49	17.65	17.71	17.73		
20	256QAM	1	99	17.61	17.62	17.69		
20	256QAM	50	0	17.75	17.65	17.61	19	5
20	256QAM	50	24	17.76	17.64	17.66		
20	256QAM	50	50	17.63	17.66	17.74		
20	256QAM	100	0	17.49	17.60	17.62		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.59	22.76	22.67	24	0
15	QPSK	1	37	22.55	22.60	22.62		
15	QPSK	1	74	22.54	22.57	22.61		
15	QPSK	36	0	21.70	21.71	21.50	23	1
15	QPSK	36	20	21.73	21.59	21.71		
15	QPSK	36	39	21.46	21.54	21.51		
15	QPSK	75	0	21.66	21.62	21.50		
15	16QAM	1	0	21.59	21.61	21.55	23	1
15	16QAM	1	37	21.52	21.70	21.58		
15	16QAM	1	74	21.52	21.52	21.48		
15	16QAM	36	0	20.54	20.73	20.55	22	2
15	16QAM	36	20	20.66	20.72	20.57		
15	16QAM	36	39	20.62	20.65	20.56		
15	16QAM	75	0	20.65	20.62	20.44		
15	64QAM	1	0	20.62	20.65	20.56	22	2
15	64QAM	1	37	20.61	20.59	20.63		
15	64QAM	1	74	20.57	20.45	20.55		
15	64QAM	36	0	19.69	19.65	19.58	21	3
15	64QAM	36	20	19.63	19.59	19.61		
15	64QAM	36	39	19.43	19.57	19.55		
15	64QAM	75	0	19.74	19.65	19.59		
15	256QAM	1	0	17.70	17.65	17.58	19	5
15	256QAM	1	37	17.57	17.58	17.63		
15	256QAM	1	74	17.52	17.57	17.63		
15	256QAM	36	0	17.67	17.54	17.54	19	5
15	256QAM	36	20	17.65	17.61	17.63		
15	256QAM	36	39	17.57	17.60	17.66		
15	256QAM	75	0	17.35	17.50	17.52		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.59	22.69	22.65	24	0
10	QPSK	1	25	22.63	22.60	22.54		
10	QPSK	1	49	22.57	22.64	22.60		
10	QPSK	25	0	21.69	21.69	21.51	23	1
10	QPSK	25	12	21.64	21.55	21.68		
10	QPSK	25	25	21.47	21.57	21.45		
10	QPSK	50	0	21.66	21.70	21.52		
10	16QAM	1	0	21.55	21.64	21.59	23	1
10	16QAM	1	25	21.59	21.74	21.57		
10	16QAM	1	49	21.49	21.49	21.45		
10	16QAM	25	0	20.58	20.65	20.59	22	2
10	16QAM	25	12	20.65	20.67	20.55		
10	16QAM	25	25	20.54	20.59	20.59		
10	16QAM	50	0	20.66	20.72	20.46		
10	64QAM	1	0	20.60	20.61	20.54	22	2
10	64QAM	1	25	20.68	20.59	20.62		
10	64QAM	1	49	20.53	20.54	20.58		
10	64QAM	25	0	19.65	19.62	19.59	21	3
10	64QAM	25	12	19.58	19.60	19.65		
10	64QAM	25	25	19.41	19.55	19.48		
10	64QAM	50	0	19.67	19.65	19.62		
10	256QAM	1	0	17.60	17.61	17.65	19	5
10	256QAM	1	25	17.51	17.60	17.65		
10	256QAM	1	49	17.52	17.58	17.59		
10	256QAM	25	0	17.61	17.59	17.56	19	5
10	256QAM	25	12	17.69	17.57	17.60		
10	256QAM	25	25	17.58	17.54	17.72		
10	256QAM	50	0	17.40	17.57	17.50		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.56	22.76	22.61	24	0
5	QPSK	1	12	22.55	22.68	22.61		
5	QPSK	1	24	22.54	22.63	22.63		
5	QPSK	12	0	21.64	21.73	21.49	23	1
5	QPSK	12	7	21.72	21.58	21.67		
5	QPSK	12	13	21.47	21.48	21.46		
5	QPSK	25	0	21.59	21.66	21.52		
5	16QAM	1	0	21.65	21.57	21.56	23	1
5	16QAM	1	12	21.52	21.68	21.64		
5	16QAM	1	24	21.43	21.41	21.43		
5	16QAM	12	0	20.55	20.71	20.55	22	2
5	16QAM	12	7	20.62	20.71	20.57		
5	16QAM	12	13	20.60	20.67	20.56		
5	16QAM	25	0	20.61	20.61	20.40		
5	64QAM	1	0	20.59	20.57	20.56	22	2
5	64QAM	1	12	20.62	20.58	20.66		
5	64QAM	1	24	20.46	20.51	20.57		
5	64QAM	12	0	19.61	19.68	19.56	21	3
5	64QAM	12	7	19.69	19.66	19.64		
5	64QAM	12	13	19.46	19.61	19.51		
5	64QAM	25	0	19.70	19.58	19.60		
5	256QAM	1	0	17.63	17.70	17.65	19	5
5	256QAM	1	12	17.61	17.64	17.59		
5	256QAM	1	24	17.54	17.58	17.58		
5	256QAM	12	0	17.65	17.62	17.48	19	5
5	256QAM	12	7	17.70	17.54	17.58		
5	256QAM	12	13	17.52	17.57	17.72		
5	256QAM	25	0	17.40	17.56	17.50		
Channel				26015	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.61	22.67	22.60	24	0
3	QPSK	1	8	22.61	22.67	22.57		
3	QPSK	1	14	22.56	22.59	22.59		
3	QPSK	8	0	21.65	21.75	21.58	23	1
3	QPSK	8	4	21.65	21.53	21.67		
3	QPSK	8	7	21.53	21.49	21.52		
3	QPSK	15	0	21.55	21.69	21.49		
3	16QAM	1	0	21.58	21.64	21.54	23	1
3	16QAM	1	8	21.59	21.74	21.54		
3	16QAM	1	14	21.46	21.42	21.44		
3	16QAM	8	0	20.50	20.67	20.60	22	2
3	16QAM	8	4	20.69	20.71	20.62		
3	16QAM	8	7	20.61	20.59	20.50		
3	16QAM	15	0	20.70	20.61	20.43		
3	64QAM	1	0	20.61	20.62	20.56	22	2
3	64QAM	1	8	20.59	20.61	20.68		
3	64QAM	1	14	20.53	20.46	20.58		
3	64QAM	8	0	19.60	19.70	19.58	21	3
3	64QAM	8	4	19.58	19.59	19.61		
3	64QAM	8	7	19.39	19.63	19.53		
3	64QAM	15	0	19.63	19.59	19.54		
3	256QAM	1	0	17.70	17.67	17.69	19	5
3	256QAM	1	8	17.58	17.63	17.64		
3	256QAM	1	14	17.54	17.52	17.56		
3	256QAM	8	0	17.69	17.52	17.57	19	5
3	256QAM	8	4	17.67	17.60	17.60		
3	256QAM	8	7	17.52	17.61	17.64		
3	256QAM	15	0	17.37	17.46	17.55		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.61	22.77	22.65	24	0
1.4	QPSK	1	3	22.65	22.60	22.59		
1.4	QPSK	1	5	22.55	22.62	22.62		
1.4	QPSK	3	0	22.57	22.75	22.57		
1.4	QPSK	3	1	22.53	22.54	22.46		
1.4	QPSK	3	3	22.46	22.52	22.57		
1.4	QPSK	6	0	21.61	21.71	21.51	23	1
1.4	16QAM	1	0	21.64	21.63	21.56	23	1
1.4	16QAM	1	3	21.64	21.73	21.58		
1.4	16QAM	1	5	21.52	21.49	21.43		
1.4	16QAM	3	0	21.54	21.58	21.41		
1.4	16QAM	3	1	21.61	21.51	21.46		
1.4	16QAM	3	3	21.54	21.64	21.49		
1.4	16QAM	6	0	20.66	20.65	20.44	22	2
1.4	64QAM	1	0	20.60	20.63	20.49	22	2
1.4	64QAM	1	3	20.60	20.57	20.65		
1.4	64QAM	1	5	20.48	20.45	20.51		
1.4	64QAM	3	0	20.53	20.54	20.39		
1.4	64QAM	3	1	20.50	20.60	20.37		
1.4	64QAM	3	3	20.56	20.51	20.57		
1.4	64QAM	6	0	19.72	19.65	19.53	21	3
1.4	256QAM	1	0	17.61	17.68	17.69	19	5
1.4	256QAM	1	3	17.55	17.67	17.60		
1.4	256QAM	1	5	17.52	17.55	17.65		
1.4	256QAM	3	0	17.66	17.60	17.57		
1.4	256QAM	3	1	17.69	17.51	17.61		
1.4	256QAM	3	3	17.52	17.54	17.61		
1.4	256QAM	6	0	17.38	17.47	17.53	19	5

Band 26 Ant 1

BW [MHz]	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	21.76	21.92	21.81	23	0
15	QPSK	1	37	21.70	21.83	21.70		
15	QPSK	1	74	21.71	21.73	21.83		
15	QPSK	36	0	20.75	20.95	20.89	22	1
15	QPSK	36	20	20.67	20.77	20.70		
15	QPSK	36	39	20.78	20.67	20.84		
15	QPSK	75	0	20.78	20.90	20.77		
15	16QAM	1	0	20.72	20.86	20.84	22	1
15	16QAM	1	37	20.68	20.87	20.65		
15	16QAM	1	74	20.83	20.75	20.87		
15	16QAM	36	0	19.85	19.94	19.81	21	2
15	16QAM	36	20	19.71	19.74	19.67		
15	16QAM	36	39	19.79	19.71	19.85		
15	16QAM	75	0	19.74	19.80	19.82		
15	64QAM	1	0	19.73	19.93	19.84	21	2
15	64QAM	1	37	19.68	19.79	19.74		
15	64QAM	1	74	19.78	19.75	19.83		
15	64QAM	36	0	18.71	18.87	18.85	20	3
15	64QAM	36	20	18.72	18.70	18.71		
15	64QAM	36	39	18.77	18.62	18.80		
15	64QAM	75	0	18.71	18.78	18.83		
15	256QAM	1	0	16.73	16.93	16.80	18	5
15	256QAM	1	37	16.70	16.85	16.61		
15	256QAM	1	74	16.82	16.68	16.75		
15	256QAM	36	0	16.81	16.84	16.84	18	5
15	256QAM	36	20	16.79	16.82	16.85		
15	256QAM	36	39	16.73	16.83	16.68		
15	256QAM	75	0	16.81	16.73	16.86		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.71	21.87	21.79	23	0
10	QPSK	1	25	21.61	21.79	21.58		
10	QPSK	1	49	21.67	21.65	21.71		
10	QPSK	25	0	20.70	20.82	20.79	22	1
10	QPSK	25	12	20.64	20.70	20.57		
10	QPSK	25	25	20.75	20.57	20.81		
10	QPSK	50	0	20.75	20.72	20.73		
10	16QAM	1	0	20.62	20.73	20.78	22	1
10	16QAM	1	25	20.54	20.76	20.61		
10	16QAM	1	49	20.71	20.68	20.75		
10	16QAM	25	0	19.80	19.81	19.73	21	2
10	16QAM	25	12	19.67	19.61	19.56		
10	16QAM	25	25	19.68	19.64	19.72		
10	16QAM	50	0	19.65	19.78	19.77		
10	64QAM	1	0	19.61	19.86	19.82	21	2
10	64QAM	1	25	19.62	19.75	19.60		
10	64QAM	1	49	19.74	19.66	19.73		
10	64QAM	25	0	18.61	18.84	18.83	20	3
10	64QAM	25	12	18.58	18.61	18.62		
10	64QAM	25	25	18.64	18.54	18.68		
10	64QAM	50	0	18.60	18.71	18.70		
10	256QAM	1	0	16.67	16.84	16.75	18	5
10	256QAM	1	25	16.66	16.77	16.50		
10	256QAM	1	49	16.70	16.58	16.73		
10	256QAM	25	0	16.69	16.81	16.80	18	5
10	256QAM	25	12	16.69	16.79	16.78		
10	256QAM	25	25	16.64	16.80	16.63		
10	256QAM	50	0	16.71	16.68	16.74		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.65	21.83	21.71	23	0
5	QPSK	1	12	21.66	21.80	21.61		
5	QPSK	1	24	21.67	21.65	21.78		
5	QPSK	12	0	20.66	20.85	20.86	22	1
5	QPSK	12	7	20.55	20.73	20.61		
5	QPSK	12	13	20.75	20.54	20.72		
5	QPSK	25	0	20.75	20.78	20.67		
5	16QAM	1	0	20.64	20.82	20.70	22	1
5	16QAM	1	12	20.58	20.74	20.62		
5	16QAM	1	24	20.77	20.63	20.85		
5	16QAM	12	0	19.81	19.88	19.70	21	2
5	16QAM	12	7	19.59	19.67	19.58		
5	16QAM	12	13	19.72	19.69	19.83		
5	16QAM	25	0	19.63	19.76	19.70		
5	64QAM	1	0	19.60	19.85	19.81	21	2
5	64QAM	1	12	19.60	19.70	19.63		
5	64QAM	1	24	19.69	19.63	19.75		
5	64QAM	12	0	18.61	18.81	18.83	20	3
5	64QAM	12	7	18.63	18.60	18.67		
5	64QAM	12	13	18.75	18.49	18.71		
5	64QAM	25	0	18.60	18.65	18.72		
5	256QAM	1	0	16.65	16.88	16.78	18	5
5	256QAM	1	12	16.58	16.76	16.50		
5	256QAM	1	24	16.76	16.60	16.72		
5	256QAM	12	0	16.70	16.70	16.81	18	5
5	256QAM	12	7	16.74	16.71	16.79		
5	256QAM	12	13	16.61	16.71	16.56		
5	256QAM	25	0	16.70	16.65	16.77		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.67	21.81	21.78	23	0
3	QPSK	1	8	21.66	21.72	21.65		
3	QPSK	1	14	21.61	21.61	21.72		
3	QPSK	8	0	20.66	20.85	20.87	22	1
3	QPSK	8	4	20.64	20.74	20.62		
3	QPSK	8	7	20.67	20.62	20.75		
3	QPSK	15	0	20.72	20.71	20.71		
3	16QAM	1	0	20.68	20.74	20.72	22	1
3	16QAM	1	8	20.58	20.85	20.53		
3	16QAM	1	14	20.75	20.67	20.74		
3	16QAM	8	0	19.74	19.81	19.76	21	2
3	16QAM	8	4	19.67	19.68	19.63		
3	16QAM	8	7	19.72	19.68	19.81		
3	16QAM	15	0	19.61	19.69	19.71		
3	64QAM	1	0	19.61	19.88	19.79	21	2
3	64QAM	1	8	19.60	19.70	19.67		
3	64QAM	1	14	19.74	19.62	19.80		
3	64QAM	8	0	18.63	18.77	18.74	20	3
3	64QAM	8	4	18.64	18.64	18.64		
3	64QAM	8	7	18.70	18.57	18.71		
3	64QAM	15	0	18.65	18.66	18.70		
3	256QAM	1	0	16.60	16.83	16.75	18	5
3	256QAM	1	8	16.64	16.79	16.54		
3	256QAM	1	14	16.71	16.65	16.64		
3	256QAM	8	0	16.69	16.75	16.72	18	5
3	256QAM	8	4	16.69	16.77	16.81		
3	256QAM	8	7	16.65	16.72	16.58		
3	256QAM	15	0	16.74	16.68	16.73		
Channel				26957	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.66	21.79	21.73	23	0
1.4	QPSK	1	3	21.58	21.69	21.58		
1.4	QPSK	1	5	21.61	21.59	21.78		
1.4	QPSK	3	0	21.61	21.67	21.66		
1.4	QPSK	3	1	21.44	21.62	21.45		
1.4	QPSK	3	3	21.47	21.52	21.68		
1.4	QPSK	6	0	20.72	20.70	20.71	22	1
1.4	16QAM	1	0	20.63	20.81	20.78	22	1
1.4	16QAM	1	3	20.55	20.74	20.51		
1.4	16QAM	1	5	20.78	20.69	20.75		
1.4	16QAM	3	0	20.67	20.61	20.62		
1.4	16QAM	3	1	20.52	20.75	20.74		
1.4	16QAM	3	3	20.46	20.70	20.45		
1.4	16QAM	6	0	19.65	19.70	19.69	21	2
1.4	64QAM	1	0	19.68	19.87	19.78	21	2
1.4	64QAM	1	3	19.55	19.76	19.60		
1.4	64QAM	1	5	19.69	19.65	19.71		
1.4	64QAM	3	0	19.58	19.58	19.56		
1.4	64QAM	3	1	19.65	19.84	19.68		
1.4	64QAM	3	3	19.43	19.68	19.49		
1.4	64QAM	6	0	18.58	18.65	18.80	20	3
1.4	256QAM	1	0	16.68	16.79	16.71	18	5
1.4	256QAM	1	3	16.58	16.73	16.55		
1.4	256QAM	1	5	16.77	16.58	16.65		
1.4	256QAM	3	0	16.74	16.71	16.72		
1.4	256QAM	3	1	16.68	16.78	16.72		
1.4	256QAM	3	3	16.60	16.75	16.62		
1.4	256QAM	6	0	16.73	16.60	16.75	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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.31		24	0
10	QPSK	1	25		23.24			
10	QPSK	1	49		23.23			
10	QPSK	25	0		22.34		23	1
10	QPSK	25	12		22.20			
10	QPSK	25	25		22.22			
10	QPSK	50	0		22.26			
10	16QAM	1	0		22.26		23	1
10	16QAM	1	25		22.29			
10	16QAM	1	49		22.22			
10	16QAM	25	0		21.39		22	2
10	16QAM	25	12		21.25			
10	16QAM	25	25		21.20			
10	16QAM	50	0		21.20			
10	64QAM	1	0		21.29		22	2
10	64QAM	1	25		21.26			
10	64QAM	1	49		21.18			
10	64QAM	25	0		20.32		21	3
10	64QAM	25	12		20.15			
10	64QAM	25	25		20.27			
10	64QAM	50	0		20.25			
10	256QAM	1	0		18.30		19	5
10	256QAM	1	25		18.17			
10	256QAM	1	49		18.27			
10	256QAM	25	0		18.23		19	5
10	256QAM	25	12		18.24			
10	256QAM	25	25		18.23			
10	256QAM	50	0		18.18			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	23.22	23.28	23.17	24	0
5	QPSK	1	12	23.17	23.18	23.11		
5	QPSK	1	24	23.15	23.12	23.14		
5	QPSK	12	0	22.21	22.30	22.26	23	1
5	QPSK	12	7	22.17	22.14	22.08		
5	QPSK	12	13	22.14	22.17	22.09		
5	QPSK	25	0	22.19	22.23	22.12		
5	16QAM	1	0	22.18	22.14	22.13	23	1
5	16QAM	1	12	22.26	22.18	22.24		
5	16QAM	1	24	22.19	22.19	22.16		
5	16QAM	12	0	21.27	21.30	21.33	22	2
5	16QAM	12	7	21.23	21.17	21.17		
5	16QAM	12	13	21.15	21.13	21.06		
5	16QAM	25	0	21.13	21.16	21.17		
5	64QAM	1	0	21.25	21.17	21.17	22	2
5	64QAM	1	12	21.19	21.15	21.19		
5	64QAM	1	24	21.12	21.13	21.15		
5	64QAM	12	0	20.29	20.23	20.29	21	3
5	64QAM	12	7	20.03	20.08	20.01		
5	64QAM	12	13	20.22	20.20	20.23		
5	64QAM	25	0	20.11	20.22	20.14		
5	256QAM	1	0	18.27	18.27	18

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.05	23.12	23.04	24	0
20	QPSK	1	49	22.99	23.07	22.96		
20	QPSK	1	99	22.99	23.04	23.01		
20	QPSK	50	0	22.05	22.15	22.00	23	1
20	QPSK	50	24	22.00	22.05	21.97		
20	QPSK	50	50	22.06	22.08	22.00		
20	QPSK	100	0	22.09	22.11	22.03		
20	16QAM	1	0	22.05	22.06	22.02		
20	16QAM	1	49	22.02	22.04	21.96	23	1
20	16QAM	1	99	21.98	21.98	21.95		
20	16QAM	50	0	21.07	21.09	21.03		
20	16QAM	50	24	21.07	20.98	21.01	22	2
20	16QAM	50	50	21.10	21.05	21.04		
20	16QAM	100	0	21.10	21.04	21.04		
20	64QAM	1	0	21.08	21.18	21.04		
20	64QAM	1	49	20.98	21.03	20.91	22	2
20	64QAM	1	99	20.98	21.13	21.03		
20	64QAM	50	0	20.11	20.15	20.05		
20	64QAM	50	24	20.05	20.07	20.04	21	3
20	64QAM	50	50	19.96	20.03	20.01		
20	64QAM	100	0	20.14	20.06	19.99		
20	256QAM	1	0	18.08	18.21	17.96		
20	256QAM	1	49	18.13	17.97	17.94	19	5
20	256QAM	1	99	18.07	18.13	18.04		
20	256QAM	50	0	18.07	18.08	18.09		
20	256QAM	50	24	18.09	18.07	18.13	19	5
20	256QAM	50	50	17.96	17.96	17.98		
20	256QAM	100	0	17.93	17.97	18.01		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.93	23.01	23.02	24	0
15	QPSK	1	37	22.88	22.98	22.90		
15	QPSK	1	74	22.86	22.99	22.99		
15	QPSK	36	0	22.01	22.08	21.94	23	1
15	QPSK	36	20	21.94	21.96	21.89		
15	QPSK	36	39	22.03	22.04	21.91		
15	QPSK	75	0	22.00	22.04	22.00		
15	16QAM	1	0	21.95	21.98	21.89	23	1
15	16QAM	1	37	21.98	22.01	21.93		
15	16QAM	1	74	21.95	21.93	21.93		
15	16QAM	36	0	20.97	21.01	20.96	22	2
15	16QAM	36	20	20.94	20.87	20.93		
15	16QAM	36	39	21.04	20.95	20.96		
15	16QAM	75	0	21.00	20.94	20.92		
15	64QAM	1	0	21.05	21.15	20.95	22	2
15	64QAM	1	37	20.95	20.99	20.79		
15	64QAM	1	74	20.85	21.09	20.91		
15	64QAM	36	0	20.05	20.12	19.93	21	3
15	64QAM	36	20	19.98	19.99	19.98		
15	64QAM	36	39	19.87	19.98	19.88		
15	64QAM	75	0	20.09	19.99	19.92		
15	256QAM	1	0	18.00	18.15	17.89	19	5
15	256QAM	1	37	18.09	17.89	17.83		
15	256QAM	1	74	17.95	18.02	18.00		
15	256QAM	36	0	17.94	18.02	18.02	19	5
15	256QAM	36	20	17.95	17.93	18.00		
15	256QAM	36	39	17.81	17.84	17.86		
15	256QAM	75	0	17.81	17.89	17.98		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.95	23.05	22.94	24	0
10	QPSK	1	25	22.86	22.98	22.88		
10	QPSK	1	49	22.93	22.93	22.89		
10	QPSK	25	0	22.02	22.09	21.91	23	1
10	QPSK	25	12	21.90	22.00	21.86		
10	QPSK	25	25	21.97	21.96	21.94		
10	QPSK	50	0	22.06	22.03	22.00		
10	16QAM	1	0	21.93	21.92	21.94	23	1
10	16QAM	1	25	21.94	21.94	21.93		
10	16QAM	1	49	21.86	21.94	21.85		
10	16QAM	25	0	21.00	21.02	21.00	22	2
10	16QAM	25	12	20.94	20.90	20.90		
10	16QAM	25	25	21.01	21.01	20.96		
10	16QAM	50	0	20.98	20.95	20.94		
10	64QAM	1	0	20.95	21.09	20.96	22	2
10	64QAM	1	25	20.87	20.95	20.83		
10	64QAM	1	49	20.84	21.02	20.95		
10	64QAM	25	0	19.98	20.09	19.98	21	3
10	64QAM	25	12	19.99	19.96	19.97		
10	64QAM	25	25	19.83	19.96	19.98		
10	64QAM	50	0	20.08	20.00	19.85		
10	256QAM	1	0	18.02	18.10	17.91	19	5
10	256QAM	1	25	18.08	17.88	17.86		
10	256QAM	1	49	17.97	17.99	17.95		
10	256QAM	25	0	17.98	18.00	18.07	19	5
10	256QAM	25	12	17.97	18.04	18.07		
10	256QAM	25	25	17.80	17.85	17.89		
10	256QAM	50	0	17.88	17.90	17.93		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.00	23.03	22.91	24	0
5	QPSK	1	12	22.94	22.98	22.93		
5	QPSK	1	24	22.92	22.91	22.95		
5	QPSK	12	0	22.01	22.13	21.88	23	1
5	QPSK	12	7	21.89	22.00	21.90		
5	QPSK	12	13	21.95	22.03	21.97		
5	QPSK	25	0	22.02	22.08	21.93		
5	16QAM	1	0	22.02	21.99	21.89	23	1
5	16QAM	1	12	21.89	21.99	21.84		
5	16QAM	1	24	21.84	21.86	21.86		
5	16QAM	12	0	20.94	20.98	20.99	22	2
5	16QAM	12	7	20.97	20.93	20.89		
5	16QAM	12	13	20.99	21.02	20.96		
5	16QAM	25	0	20.97	20.95	20.93		
5	64QAM	1	0	20.95	21.07	20.99	22	2
5	64QAM	1	12	20.95	20.99	20.85		
5	64QAM	1	24	20.93	21.01	20.92		
5	64QAM	12	0	20.03	20.08	19.94	21	3
5	64QAM	12	7	19.93	19.95	19.94		
5	64QAM	12	13	19.86	19.93	19.89		
5	64QAM	25	0	20.07	19.98	19.90		
5	256QAM	1	0	18.05	18.12	17.90	19	5
5	256QAM	1	12	18.04	17.83	17.89		
5	256QAM	1	24	17.98	18.10	17.93		
5	256QAM	12	0	17.97	18.00	18.03	19	5
5	256QAM	12	7	18.03	18.01	18.10		
5	256QAM	12	13	17.80	17.91	17.96		
5	256QAM	25	0	17.90	17.91	17.98		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.02	23.05	23.01	24	0
3	QPSK	1	8	22.90	23.04	22.85		
3	QPSK	1	14	22.94	22.93	22.94		
3	QPSK	8	0	21.95	22.05	21.92	23	1
3	QPSK	8	4	21.91	21.98	21.88		
3	QPSK	8	7	21.94	22.02	21.96		
3	QPSK	15	0	22.03	22.05	21.90		
3	16QAM	1	0	22.01	22.02	21.95	23	1
3	16QAM	1	8	21.96	21.90	21.83		
3	16QAM	1	14	21.90	21.87	21.86		
3	16QAM	8	0	21.04	20.96	20.96	22	2
3	16QAM	8	4	20.98	20.94	20.90		
3	16QAM	8	7	21.07	20.92	20.94		
3	16QAM	15	0	20.98	20.99	21.01		
3	64QAM	1	0	21.04	21.10	20.96	22	2
3	64QAM	1	8	20.96	20.99	20.79		
3	64QAM	1	14	20.86	21.03	20.96		
3	64QAM	8	0	20.02	20.08	19.99	21	3
3	64QAM	8	4	19.92	20.02	19.95		
3	64QAM	8	7	19.87	19.97	19.90		
3	64QAM	15	0	20.11	19.99	19.92		
3	256QAM	1	0	17.96	18.14	17.91	19	5
3	256QAM	1	8	18.07	17.92	17.90		
3	256QAM	1	14	17.96	18.00	17.95		
3	256QAM	8	0	17.93	17.94	18.02	19	5
3	256QAM	8	4	17.97	17.96	18.10		
3	256QAM	8	7	17.87	17.89	17.84		
3	256QAM	15	0	17.83	17.87	17.94		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.02	23.02	22.99	24	0
1.4	QPSK	1	3	22.94	23.03	22.90		
1.4	QPSK	1	5	22.88	22.96	22.89		
1.4	QPSK	3	0	22.96	22.95	22.85		
1.4	QPSK	3	1	22.84	22.97	22.85		
1.4	QPSK	3	3	22.76	22.90	22.85		
1.4	QPSK	6	0	22.01	22.07	21.94	23	1
1.4	16QAM	1	0	21.98	21.92	21.99	23	1
1.4	16QAM	1	3	21.97	21.97	21.84		
1.4	16QAM	1	5	21.93	21.95	21.82		
1.4	16QAM	3	0	21.90	22.04	21.92		
1.4	16QAM	3	1	21.89	21.82	21.95		
1.4	16QAM	3	3	21.85	21.94	21.79		
1.4	16QAM	6	0	20.96	20.94	20.93	22	2
1.4	64QAM	1	0	21.01	21.09	20.90	22	2
1.4	64QAM	1	3	20.90	20.98	20.86		
1.4	64QAM	1	5	20.93	21.05	20.94		
1.4	64QAM	3	0	20.83	20.83	20.91		
1.4	64QAM	3	1	20.91	21.06	20.78		
1.4	64QAM	3	3	20.86	20.93	20.79		
1.4	64QAM	6	0	20.04	20.03	19.90	21	3
1.4	256QAM	1	0	18.00	18.13	17.87	19	5
1.4	256QAM	1	3	18.01	17.93	17.89		
1.4	256QAM	1	5	17.95	18.04	17.97		
1.4	256QAM	3	0	18.03	18.01	17.99		
1.4	256QAM	3	1	18.07	18.00	18.07		
1.4	256QAM	3	3	17.81	17.83	17.96		
1.4	256QAM	6	0	17.82	17.87	17.90	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.11	22.13	22.12	23	0
20	QPSK	1	49	22.05	22.08	22.02		
20	QPSK	1	99	22.04	22.02	22.04		
20	QPSK	50	0	21.07	21.18	21.08	22	1
20	QPSK	50	24	21.10	21.10	21.03		
20	QPSK	50	50	21.02	21.01	21.02		
20	QPSK	100	0	21.09	21.14	21.11		
20	16QAM	1	0	21.07	21.10	21.07		
20	16QAM	1	49	21.03	21.14	20.99	22	1
20	16QAM	1	99	21.00	21.05	21.08		
20	16QAM	50	0	20.11	20.13	20.02		
20	16QAM	50	24	20.04	20.15	20.06	21	2
20	16QAM	50	50	20.06	20.02	20.07		
20	16QAM	100	0	20.15	20.16	20.13		
20	64QAM	1	0	20.17	20.15	20.14	21	2
20	64QAM	1	49	20.07	20.12	19.96		
20	64QAM	1	99	20.10	19.99	20.06		
20	64QAM	50	0	19.10	19.22	19.13	20	3
20	64QAM	50	24	19.08	19.07	19.06		
20	64QAM	50	50	18.99	19.06	19.05		
20	64QAM	100	0	19.10	19.18	19.13		
20	256QAM	1	0	17.10	17.21	17.07	18	5
20	256QAM	1	49	17.16	17.14	17.05		
20	256QAM	1	99	17.00	16.96	17.03		
20	256QAM	50	0	17.11	17.16	17.16	18	5
20	256QAM	50	24	17.03	17.05	17.02		
20	256QAM	50	50	16.98	17.18	16.98		
20	256QAM	100	0	17.02	17.10	17.05		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.98	22.10	22.01	23	0
15	QPSK	1	37	22.01	21.96	21.89		
15	QPSK	1	74	21.98	21.96	21.90		
15	QPSK	36	0	20.94	21.10	21.00	22	1
15	QPSK	36	20	21.03	21.01	20.97		
15	QPSK	36	39	20.93	20.94	20.92		
15	QPSK	75	0	21.02	21.01	20.97		
15	16QAM	1	0	21.05	21.03	21.02	22	1
15	16QAM	1	37	21.01	21.07	20.92		
15	16QAM	1	74	20.90	20.94	21.05		
15	16QAM	36	0	20.04	20.00	19.95	21	2
15	16QAM	36	20	19.98	20.07	20.04		
15	16QAM	36	39	20.03	19.95	20.02		
15	16QAM	75	0	20.02	20.05	19.99		
15	64QAM	1	0	20.11	20.11	20.01	21	2
15	64QAM	1	37	19.96	20.08	19.93		
15	64QAM	1	74	20.03	19.96	20.01		
15	64QAM	36	0	19.07	19.16	19.07	20	3
15	64QAM	36	20	19.04	18.98	18.94		
15	64QAM	36	39	18.87	18.93	18.99		
15	64QAM	75	0	19.07	19.09	19.02		
15	256QAM	1	0	16.99	17.09	16.96	18	5
15	256QAM	1	37	17.14	17.11	16.99		
15	256QAM	1	74	16.95	16.87	16.99		
15	256QAM	36	0	17.02	17.12	17.03	18	5
15	256QAM	36	20	16.97	16.93	16.98		
15	256QAM	36	39	16.87	17.09	16.91		
15	256QAM	75	0	17.00	17.04	16.92		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.04	22.05	22.06	23	0
10	QPSK	1	25	21.95	22.00	21.97		
10	QPSK	1	49	21.94	21.98	21.90		
10	QPSK	25	0	21.00	21.13	21.01	22	1
10	QPSK	25	12	21.08	21.05	20.96		
10	QPSK	25	25	20.93	20.99	20.91		
10	QPSK	50	0	21.00	21.10	21.07		
10	16QAM	1	0	21.00	21.06	21.03	22	1
10	16QAM	1	25	20.94	21.10	20.96		
10	16QAM	1	49	20.87	20.99	21.02		
10	16QAM	25	0	19.98	20.04	19.95	21	2
10	16QAM	25	12	19.99	20.10	19.94		
10	16QAM	25	25	20.01	19.91	19.98		
10	16QAM	50	0	20.10	20.06	20.00		
10	64QAM	1	0	20.14	20.05	20.06	21	2
10	64QAM	1	25	20.01	20.04	19.87		
10	64QAM	1	49	19.99	19.87	20.01		
10	64QAM	25	0	19.00	19.13	19.06	20	3
10	64QAM	25	12	19.02	18.97	18.98		
10	64QAM	25	25	18.92	18.97	18.98		
10	64QAM	50	0	18.98	19.15	19.11		
10	256QAM	1	0	16.98	17.08	17.05	18	5
10	256QAM	1	25	17.10	17.01	17.00		
10	256QAM	1	49	16.97	16.83	16.94		
10	256QAM	25	0	16.97	17.03	17.06	18	5
10	256QAM	25	12	16.94	16.92	16.91		
10	256QAM	25	25	16.89	17.12	16.86		
10	256QAM	50	0	16.96	17.00	16.99		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.05	22.08	22.05	23	0
5	QPSK	1	12	22.02	22.01	21.97		
5	QPSK	1	24	21.99	21.95	21.92		
5	QPSK	12	0	21.02	21.11	21.04	22	1
5	QPSK	12	7	21.01	21.05	20.99		
5	QPSK	12	13	20.98	20.88	20.97		
5	QPSK	25	0	21.07	21.02	20.99		
5	16QAM	1	0	21.01	21.00	20.95	22	1
5	16QAM	1	12	20.97	21.12	20.91		
5	16QAM	1	24	20.91	20.93	21.01		
5	16QAM	12	0	19.98	20.03	20.00	21	2
5	16QAM	12	7	20.00	20.06	19.97		
5	16QAM	12	13	19.98	19.90	19.96		
5	16QAM	25	0	20.11	20.03	20.07		
5	64QAM	1	0	20.05	20.03	20.01	21	2
5	64QAM	1	12	20.04	20.05	19.93		
5	64QAM	1	24	20.02	19.86	19.99		
5	64QAM	12	0	19.00	19.18	19.09	20	3
5	64QAM	12	7	19.05	19.01	18.96		
5	64QAM	12	13	18.92	18.96	18.93		
5	64QAM	25	0	18.97	19.14	19.01		
5	256QAM	1	0	17.08	17.10	16.99	18	5
5	256QAM	1	12	17.06	17.02	16.97		
5	256QAM	1	24	16.95	16.84	16.98		
5	256QAM	12	0	16.99	17.03	17.10	18	5
5	256QAM	12	7	16.91	16.97	16.91		
5	256QAM	12	13	16.88	17.04	16.88		
5	256QAM	25	0	16.96	17.06	17.00		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode 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	23.52	23.73	23.62	25	0
20	QPSK	1	49	23.58	23.60	23.52		
20	QPSK	1	99	23.44	23.52	23.47		
20	QPSK	50	0	22.48	22.68	22.66	24	1
20	QPSK	50	24	22.51	22.50	22.50		
20	QPSK	50	50	22.39	22.51	22.45		
20	QPSK	100	0	22.56	22.67	22.64		
20	16QAM	1	0	22.67	22.70	22.64	24	1
20	16QAM	1	49	22.49	22.60	22.46		
20	16QAM	1	99	22.40	22.56	22.47		
20	16QAM	50	0	21.51	21.77	21.77	23	2
20	16QAM	50	24	21.43	21.47	21.44		
20	16QAM	50	50	21.39	21.59	21.47		
20	16QAM	100	0	21.58	21.71	21.58		
20	64QAM	1	0	21.55	21.69	21.57	23	2
20	64QAM	1	49	21.46	21.52	21.47		
20	64QAM	1	99	21.38	21.62	21.48		
20	64QAM	50	0	20.51	20.60	20.71	22	3
20	64QAM	50	24	20.59	20.63	20.60		
20	64QAM	50	50	20.39	20.52	20.52		
20	64QAM	100	0	20.60	20.64	20.58		
20	256QAM	1	0	18.50	18.65	18.64	20	5
20	256QAM	1	49	18.49	18.46	18.55		
20	256QAM	1	99	18.36	18.46	18.44		
20	256QAM	50	0	18.64	18.60	18.57	20	5
20	256QAM	50	24	18.69	18.73	18.62		
20	256QAM	50	50	18.52	18.60	18.41		
20	256QAM	100	0	18.41	18.62	18.52		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.43	23.69	23.54	25	0
15	QPSK	1	37	23.53	23.46	23.40		
15	QPSK	1	74	23.36	23.48	23.37		
15	QPSK	36	0	22.43	22.62	22.62	24	1
15	QPSK	36	20	22.37	22.36	22.43		
15	QPSK	36	39	22.30	22.42	22.37		
15	QPSK	75	0	22.51	22.63	22.51		
15	16QAM	1	0	22.64	22.62	22.56	24	1
15	16QAM	1	37	22.35	22.58	22.38		
15	16QAM	1	74	22.29	22.47	22.36		
15	16QAM	36	0	21.44	21.70	21.65	23	2
15	16QAM	36	20	21.31	21.43	21.40		
15	16QAM	36	39	21.34	21.52	21.39		
15	16QAM	75	0	21.45	21.67	21.50		
15	64QAM	1	0	21.51	21.57	21.44	23	2
15	64QAM	1	37	21.39	21.48	21.42		
15	64QAM	1	74	21.32	21.53	21.40		
15	64QAM	36	0	20.39	20.47	20.59	22	3
15	64QAM	36	20	20.54	20.55	20.52		
15	64QAM	36	39	20.36	20.42	20.38		
15	64QAM	75	0	20.52	20.54	20.47		
15	256QAM	1	0	18.46	18.57	18.61	20	5
15	256QAM	1	37	18.45	18.39	18.41		
15	256QAM	1	74	18.32	18.38	18.34		
15	256QAM	36	0	18.54	18.58	18.53	20	5
15	256QAM	36	20	18.57	18.69	18.50		
15	256QAM	36	39	18.49	18.55	18.38		
15	256QAM	75	0	18.32	18.59	18.47		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.38	23.66	23.51	25	0
10	QPSK	1	25	23.53	23.50	23.40		
10	QPSK	1	49	23.41	23.44	23.44		
10	QPSK	25	0	22.37	22.63	22.55	24	1
10	QPSK	25	12	22.39	22.41	22.39		
10	QPSK	25	25	22.29	22.47	22.37		
10	QPSK	50	0	22.44	22.59	22.54		
10	16QAM	1	0	22.54	22.63	22.59	24	1
10	16QAM	1	25	22.38	22.56	22.34		
10	16QAM	1	49	22.34	22.49	22.37		
10	16QAM	25	0	21.38	21.63	21.71	23	2
10	16QAM	25	12	21.36	21.35	21.40		
10	16QAM	25	25	21.32	21.52	21.33		
10	16QAM	50	0	21.47	21.68	21.52		
10	64QAM	1	0	21.48	21.58	21.46	23	2
10	64QAM	1	25	21.36	21.48	21.35		
10	64QAM	1	49	21.35	21.55	21.42		
10	64QAM	25	0	20.39	20.56	20.63	22	3
10	64QAM	25	12	20.54	20.59	20.48		
10	64QAM	25	25	20.28	20.44	20.47		
10	64QAM	50	0	20.49	20.59	20.53		
10	256QAM	1	0	18.41	18.54	18.60	20	5
10	256QAM	1	25	18.40	18.37	18.46		
10	256QAM	1	49	18.26	18.38	18.30		
10	256QAM	25	0	18.55	18.51	18.54	20	5
10	256QAM	25	12	18.62	18.63	18.49		
10	256QAM	25	25	18.45	18.48	18.37		
10	256QAM	50	0	18.28	18.54	18.43		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.45	23.69	23.53	25	0
5	QPSK	1	12	23.55	23.57	23.43		
5	QPSK	1	24	23.38	23.40	23.40		
5	QPSK	12	0	22.42	22.58	22.63	24	1
5	QPSK	12	7	22.42	22.36	22.40		
5	QPSK	12	13	22.31	22.37	22.38		
5	QPSK	25	0	22.52	22.60	22.62		
5	16QAM	1	0	22.53	22.56	22.58	24	1
5	16QAM	1	12	22.43	22.47	22.39		
5	16QAM	1	24	22.30	22.50	22.42		
5	16QAM	12	0	21.39	21.74	21.67	23	2
5	16QAM	12	7	21.34	21.38	21.35		
5	16QAM	12	13	21.36	21.56	21.44		
5	16QAM	25	0	21.48	21.68	21.55		
5	64QAM	1	0	21.51	21.56	21.54	23	2
5	64QAM	1	12	21.39	21.48	21.42		
5	64QAM	1	24	21.31	21.58	21.43		
5	64QAM	12	0	20.42	20.55	20.61	22	3
5	64QAM	12	7	20.48	20.54	20.47		
5	64QAM	12	13	20.34	20.48	20.44		
5	64QAM	25	0	20.49	20.51	20.49		
5	256QAM	1	0	18.46	18.61	18.55	20	5
5	256QAM	1	12	18.36	18.38	18.51		
5	256QAM	1	24	18.31	18.35	18.35		
5	256QAM	12	0	18.57	18.54	18.46	20	5
5	256QAM	12	7	18.66	18.61	18.51		
5	256QAM	12	13	18.43	18.53	18.37		
5	256QAM	25	0	18.35	18.55	18.40		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Mode Ch. / Freq.	Power Mode Ch. / Freq.	Power High Mode 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	23.61	23.66	23.75	23.69	23.64	25	0
20	QPSK	1	49	23.56	23.62	23.66	23.55	23.51		
20	QPSK	1	99	23.51	23.56	23.63	23.57	23.54		
20	QPSK	50	0	22.62	22.62	22.75	22.73	22.60	24	1
20	QPSK	50	24	22.59	22.58	22.63	22.58	22.50		
20	QPSK	50	50	22.51	22.51	22.58	22.54	22.60		
20	QPSK	100	0	22.56	22.63	22.72	22.67	22.69		
20	16QAM	1	0	22.67	22.69	22.78	22.68	22.60	24	1
20	16QAM	1	49	22.57	22.57	22.69	22.51	22.57		
20	16QAM	1	99	22.49	22.52	22.66	22.59	22.53		
20	16QAM	50	0	21.65	21.62	21.79	21.79	21.56	23	2
20	16QAM	50	24	21.63	21.52	21.58	21.53	21.53		
20	16QAM	50	50	21.55	21.49	21.63	21.52	21.54		
20	16QAM	100	0	21.53	21.66	21.76	21.65	21.64		
20	64QAM	1	0	21.58	21.67	21.80	21.67	21.61	23	2
20	64QAM	1	49	21.56	21.58	21.62	21.56	21.57		
20	64QAM	1	99	21.55	21.51	21.65	21.53	21.51		
20	64QAM	50	0	20.61	20.59	20.74	20.78	20.63	22	3
20	64QAM	50	24	20.54	20.62	20.65	20.63	20.53		
20	64QAM	50	50	20.48	20.50	20.64	20.58	20.59		
20	64QAM	100	0	20.52	20.63	20.75	20.69	20.70		
20	256QAM	1	0	18.60	18.60	18.74	18.75	18.56	20	5
20	256QAM	1	49	18.59	18.60	18.58	18.59	18.47		
20	256QAM	1	99	18.51	18.46	18.52	18.49	18.62		
20	256QAM	50	0	18.56	18.67	18.66	18.63	18.68	20	5
20	256QAM	50	24	18.62	18.72	18.83	18.69	18.57		
20	256QAM	50	50	18.61	18.56	18.68	18.53	18.59		
20	256QAM	100	0	18.50	18.50	18.71	18.61	18.51		
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	23.51	23.62	23.63	23.63	23.60	25	0
15	QPSK	1	37	23.45	23.59	23.61	23.51	23.40		
15	QPSK	1	74	23.45	23.46	23.58	23.47	23.43		
15	QPSK	36	0	22.49	22.59	22.63	22.68	22.56	24	1
15	QPSK	36	20	22.52	22.47	22.60	22.52	22.37		
15	QPSK	36	39	22.45	22.44	22.55	22.51	22.50		
15	QPSK	75	0	22.53	22.51	22.69	22.63	22.58		
15	16QAM	1	0	22.59	22.62	22.65	22.64	22.55	24	1
15	16QAM	1	37	22.50	22.54	22.58	22.40	22.52		
15	16QAM	1	74	22.38	22.46	22.52	22.49	22.49		
15	16QAM	36	0	21.57	21.58	21.74	21.75	21.51	23	2
15	16QAM	36	20	21.52	21.39	21.56	21.39	21.45		
15	16QAM	36	39	21.47	21.46	21.54	21.47	21.42		
15	16QAM	75	0	21.50	21.56	21.68	21.53	21.57		
15	64QAM	1	0	21.46	21.60	21.66	21.61	21.58	23	2
15	64QAM	1	37	21.47	21.48	21.49	21.48	21.51		
15	64QAM	1	74	21.45	21.46	21.57	21.41	21.42		
15	64QAM	36	0	20.52	20.48	20.64	20.71	20.56	22	3
15	64QAM	36	20	20.45	20.59	20.54	20.51	20.47		
15	64QAM	36	39	20.43	20.45	20.59	20.54	20.48		
15	64QAM	75	0	20.46	20.51	20.62	20.55	20.59		
15	256QAM	1	0	18.58	18.48	18.71	18.67	18.46	20	5
15	256QAM	1	37	18.53	18.48	18.46	18.51	18.43		
15	256QAM	1	74	18.40	18.33	18.48	18.45	18.53		
15	256QAM	36	0	18.52	18.63	18.62	18.59	18.56	20	5
15	256QAM	36	20	18.53	18.62	18.80	18.56	18.47		
15	256QAM	36	39	18.51	18.45	18.64	18.43	18.55		
15	256QAM	75	0	18.40	18.44	18.66	18.51	18.45		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.51	23.62	23.66	23.60	23.53	25	0
10	QPSK	1	25	23.43	23.51	23.54	23.48	23.43		
10	QPSK	1	49	23.46	23.53	23.56	23.53	23.50		
10	QPSK	25	0	22.51	22.59	22.65	22.60	22.57	24	1
10	QPSK	25	12	22.47	22.55	22.56	22.48	22.47		
10	QPSK	25	25	22.44	22.37	22.53	22.47	22.54		
10	QPSK	50	0	22.46	22.58	22.64	22.60	22.61		
10	16QAM	1	0	22.57	22.59	22.71	22.58	22.52	24	1
10	16QAM	1	25	22.45	22.52	22.56	22.48	22.49		
10	16QAM	1	49	22.38	22.44	22.58	22.53	22.47		
10	16QAM	25	0	21.55	21.54	21.71	21.72	21.51	23	2
10	16QAM	25	12	21.52	21.47	21.53	21.46	21.42		
10	16QAM	25	25	21.42	21.44	21.49	21.41	21.43		
10	16QAM	50	0	21.41	21.63	21.65	21.53	21.59		
10	64QAM	1	0	21.52	21.58	21.75	21.61	21.54	23	2
10	64QAM	1	25	21.44	21.49	21.57	21.43	21.51		
10	64QAM	1	49	21.45	21.46	21.55	21.41	21.37		
10	64QAM	25	0	20.58	20.53	20.63	20.66	20.54	22	3
10	64QAM	25	12	20.45	20.49	20.63	20.60	20.43		
10	64QAM	25	25	20.45	20.39	20.57	20.53	20.55		
10	64QAM	50	0	20.44	20.52	20.63	20.60	20.67		
10	256QAM	1	0	18.47	18.57	18.64	18.69	18.45	20	5
10	256QAM	1	25	18.51	18.57	18.44	18.47	18.40		
10	256QAM	1	49	18.40	18.33	18.45	18.40	18.60		
10	256QAM	25	0	18.53	18.60	18.53	18.55	18.54	20	5
10	256QAM	25	12	18.51	18.65	18.77	18.56	18.48		
10	256QAM	25	25	18.52	18.51	18.57	18.39	18.56		
10	256QAM	50	0	18.43	18.45	18.67	18.57	18.45		
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	23.52	23.62	23.72	23.59	23.53	25	0
5	QPSK	1	12	23.46	23.59	23.64	23.42	23.40		
5	QPSK	1	24	23.48	23.53	23.54	23.53	23.48		
5	QPSK	12	0	22.52	22.54	22.67	22.60	22.55	24	1
5	QPSK	12	7	22.52	22.55	22.55	22.55	22.38		
5	QPSK	12	13	22.46	22.45	22.53	22.47	22.56		
5	QPSK	25	0	22.49	22.53	22.59	22.65	22.58		
5	16QAM	1	0	22.58	22.66	22.72	22.56	22.49	24	1
5	16QAM	1	12	22.46	22.46	22.59	22.41	22.54		
5	16QAM	1	24	22.40	22.44	22.53	22.46	22.49		
5	16QAM	12	0	21.51	21.52	21.67	21.77	21.46	23	2
5	16QAM	12	7	21.51	21.43	21.54	21.49	21.50		
5	16QAM	12	13	21.48	21.36	21.59	21.48	21.47		
5	16QAM	25	0	21.44	21.56	21.74	21.55	21.51		
5	64QAM	1	0	21.51	21.64	21.72	21.65	21.55	23	2
5	64QAM	1	12	21.43	21.52	21.57	21.43	21.54		
5	64QAM	1	24	21.41	21.38	21.62	21.45	21.46		
5	64QAM	12	0	20.53	20.51	20.62	20.64	20.53	22	3
5	64QAM	12	7	20.44	20.53	20.62	20.54	20.46		
5	64QAM	12	13	20.35	20.44	20.61	20.49	20.51		
5	64QAM	25	0	20.44	20.56	20.64	20.56	20.61		
5	256QAM	1	0	18.47	18.56	18.66	18.62	18.44	20	5
5	256QAM	1	12	18.55	18.49	18.53	18.54	18.43		
5	256QAM	1	24	18.41	18.36	18.43	18.42	18.53		
5	256QAM	12	0	18.52	18.62	18.60	18.58	18.63	20	5
5	256QAM	12	7	18.49	18.66	18.76	18.67	18.49		
5	256QAM	12	13	18.53	18.54	18.58	18.50	18.50		
5	256QAM	25	0	18.47	18.38	18.59	18.53	18.46		

Band 41 HPUE Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Mode Ch. / Freq.	Power Mode Ch. / Freq.	Power High Mode 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	26.11	26.17	26.08	26.07	27	0
20	QPSK	1	49	25.93	25.99	26.10	25.99	25.95		
20	QPSK	1	99	25.94	26.02	26.09	26.03	25.94		
20	QPSK	50	0	25.08	25.06	25.18	25.05	25.03	26	1
20	QPSK	50	24	24.92	24.93	25.05	24.95	24.89		
20	QPSK	50	50	24.90	25.02	25.09	25.03	24.94		
20	QPSK	100	0	25.08	25.06	25.16	25.02	25.03		
20	16QAM	1	0	25.02	25.13	25.11	25.04	25.08	26	1
20	16QAM	1	49	24.98	24.97	25.06	25.01	24.94		
20	16QAM	1	99	24.96	24.99	25.12	25.02	24.97		
20	16QAM	50	0	24.06	24.06	24.18	23.99	24.06	25	2
20	16QAM	50	24	23.91	23.97	24.06	23.94	23.91		
20	16QAM	50	50	23.94	23.97	24.07	24.02	23.92		
20	16QAM	100	0	24.12	24.05	24.11	24.03	24.08		
20	64QAM	1	0	24.11	24.10	24.11	24.05	24.04	25	2
20	64QAM	1	49	23.98	23.98	24.14	24.05	23.97		
20	64QAM	1	99	23.92	23.99	24.13	23.99	23.92		
20	64QAM	50	0	23.10	23.03	23.24	23.02	23.02	24	3
20	64QAM	50	24	22.90	22.87	23.01	22.92	22.85		
20	64QAM	50	50	22.85	23.06	23.04	23.02	22.99		
20	64QAM	100	0	23.10	23.08	23.16	23.01	22.98		
20	256QAM	1	0	21.06	21.00	21.23	21.02	20.99	22	5
20	256QAM	1	49	20.96	20.92	21.09	20.93	20.84		
20	256QAM	1	99	20.88	21.05	21.07	21.05	20.93		
20	256QAM	50	0	21.08	21.05	21.11	21.04	21.02	22	5
20	256QAM	50	24	21.03	21.17	21.12	21.08	21.03		
20	256QAM	50	50	21.01	21.02	21.07	20.98	20.94		
20	256QAM	100	0	20.98	21.04	21.16	20.99	20.94		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	26.03	26.05	26.08	25.96	26.00	27	0
15	QPSK	1	37	25.84	25.93	26.08	25.88	25.84		
15	QPSK	1	74	25.80	25.94	25.96	25.95	25.87		
15	QPSK	36	0	24.99	25.01	25.14	24.97	24.97	26	1
15	QPSK	36	20	24.86	24.83	25.02	24.88	24.80		
15	QPSK	36	39	24.82	24.96	25.02	24.97	24.82		
15	QPSK	75	0	25.04	24.98	25.13	24.93	24.92		
15	16QAM	1	0	24.94	25.00	25.02	24.96	24.95	26	1
15	16QAM	1	37	24.91	24.91	24.99	24.87	24.85		
15	16QAM	1	74	24.84	24.87	25.09	24.92	24.90		
15	16QAM	36	0	23.95	23.94	24.05	23.93	24.04	25	2
15	16QAM	36	20	23.89	23.93	24.04	23.90	23.86		
15	16QAM	36	39	23.81	23.84	23.96	23.94	23.89		
15	16QAM	75	0	24.01	23.92	24.02	23.91	24.05		
15	64QAM	1	0	24.08	24.07	24.01	23.98	24.00	25	2
15	64QAM	1	37	23.86	23.91	24.09	24.00	23.89		
15	64QAM	1	74	23.87	23.96	24.08	23.94	23.88		
15	64QAM	36	0	23.05	23.00	23.20	22.95	22.92	24	3
15	64QAM	36	20	22.84	22.80	22.97	22.82	22.76		
15	64QAM	36	39	22.75	22.93	23.02	22.91	22.91		
15	64QAM	75	0	23.08	22.96	23.14	22.89	22.95		
15	256QAM	1	0	20.98	20.98	21.21	20.90	20.94	22	5
15	256QAM	1	37	20.88	20.88	20.97	20.88	20.75		
15	256QAM	1	74	20.85	21.02	20.97	20.92	20.85		
15	256QAM	36	0	20.99	20.97	21.01	20.92	20.94	22	5
15	256QAM	36	20	20.98	21.12	21.01	21.05	21.01		
15	256QAM	36	39	20.89	20.97	20.94	20.96	20.83		
15	256QAM	75	0	20.95	20.97	21.10	20.87	20.81		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	26.01	26.03	26.14	26.03	26.04	27	0
10	QPSK	1	25	25.81	25.90	26.01	25.88	25.88		
10	QPSK	1	49	25.89	25.97	26.00	25.90	25.81		
10	QPSK	25	0	25.03	24.93	25.05	24.99	24.94	26	1
10	QPSK	25	12	24.86	24.89	24.99	24.91	24.82		
10	QPSK	25	25	24.79	24.99	24.96	24.92	24.83		
10	QPSK	50	0	25.04	25.02	25.12	24.94	24.91		
10	16QAM	1	0	24.92	25.02	25.06	24.97	24.97	26	1
10	16QAM	1	25	24.89	24.88	25.04	24.94	24.91		
10	16QAM	1	49	24.90	24.91	25.03	24.91	24.86		
10	16QAM	25	0	23.95	24.02	24.09	23.90	23.93	25	2
10	16QAM	25	12	23.87	23.89	24.02	23.92	23.82		
10	16QAM	25	25	23.84	23.87	23.97	23.92	23.88		
10	16QAM	50	0	23.98	23.93	23.98	23.95	23.96		
10	64QAM	1	0	24.03	23.97	24.08	23.98	23.93	25	2
10	64QAM	1	25	23.85	23.88	24.01	24.01	23.92		
10	64QAM	1	49	23.79	23.91	24.10	23.92	23.88		
10	64QAM	25	0	22.99	22.91	23.13	22.90

Band 2 Ant 2

BW [MHz]	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	23.40	23.41	23.40	24	0
20	QPSK	1	49	23.33	23.34	23.34		
20	QPSK	1	99	23.27	23.26	23.25		
20	QPSK	50	0	22.26	22.40	22.30	23	1
20	QPSK	50	24	22.30	22.32	22.38		
20	QPSK	50	50	22.26	22.22	22.32		
20	QPSK	100	0	22.25	22.36	22.34		
20	16QAM	1	0	22.35	22.31	22.37	23	1
20	16QAM	1	49	22.27	22.35	22.30		
20	16QAM	1	99	22.36	22.29	22.29		
20	16QAM	50	0	21.29	21.40	21.27	22	2
20	16QAM	50	24	21.28	21.37	21.35		
20	16QAM	50	50	21.24	21.31	21.32		
20	16QAM	100	0	21.38	21.43	21.29		
20	64QAM	1	0	21.30	21.36	21.39	22	2
20	64QAM	1	49	21.24	21.34	21.32		
20	64QAM	1	99	21.36	21.35	21.18		
20	64QAM	50	0	20.30	20.34	20.34	21	3
20	64QAM	50	24	20.37	20.35	20.37		
20	64QAM	50	50	20.23	20.25	20.23		
20	64QAM	100	0	20.26	20.39	20.37		
20	256QAM	1	0	18.26	18.34	18.26	19	5
20	256QAM	1	49	18.43	18.32	18.27		
20	256QAM	1	99	18.20	18.18	18.32		
20	256QAM	50	0	18.24	18.40	18.32	19	5
20	256QAM	50	24	18.33	18.43	18.50		
20	256QAM	50	50	18.34	18.32	18.35		
20	256QAM	100	0	18.31	18.15	18.21		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.30	23.31	23.34	24	0
15	QPSK	1	37	23.28	23.25	23.26		
15	QPSK	1	74	23.17	23.20	23.22		
15	QPSK	36	0	22.18	22.32	22.28	23	1
15	QPSK	36	20	22.23	22.27	22.33		
15	QPSK	36	39	22.21	22.15	22.25		
15	QPSK	75	0	22.13	22.34	22.26		
15	16QAM	1	0	22.27	22.20	22.37	23	1
15	16QAM	1	37	22.22	22.32	22.24		
15	16QAM	1	74	22.25	22.20	22.29		
15	16QAM	36	0	21.26	21.33	21.24	22	2
15	16QAM	36	20	21.18	21.31	21.26		
15	16QAM	36	39	21.17	21.28	21.22		
15	16QAM	75	0	21.35	21.35	21.24		
15	64QAM	1	0	21.24	21.30	21.35	22	2
15	64QAM	1	37	21.23	21.28	21.27		
15	64QAM	1	74	21.26	21.30	21.11		
15	64QAM	36	0	20.27	20.26	20.23	21	3
15	64QAM	36	20	20.32	20.31	20.32		
15	64QAM	36	39	20.14	20.21	20.12		
15	64QAM	75	0	20.21	20.34	20.33		
15	256QAM	1	0	18.20	18.28	18.21	19	5
15	256QAM	1	37	18.33	18.24	18.25		
15	256QAM	1	74	18.15	18.18	18.24		
15	256QAM	36	0	18.20	18.30	18.26	19	5
15	256QAM	36	20	18.27	18.40	18.45		
15	256QAM	36	39	18.26	18.24	18.25		
15	256QAM	75	0	18.29	18.12	18.13		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.31	23.37	23.40	24	0
10	QPSK	1	25	23.24	23.32	23.25		
10	QPSK	1	49	23.23	23.21	23.23		
10	QPSK	25	0	22.18	22.34	22.25	23	1
10	QPSK	25	12	22.21	22.24	22.31		
10	QPSK	25	25	22.26	22.11	22.29		
10	QPSK	50	0	22.18	22.27	22.23		
10	16QAM	1	0	22.34	22.25	22.26	23	1
10	16QAM	1	25	22.17	22.34	22.27		
10	16QAM	1	49	22.29	22.28	22.17		
10	16QAM	25	0	21.20	21.33	21.18	22	2
10	16QAM	25	12	21.20	21.29	21.31		
10	16QAM	25	25	21.19	21.25	21.25		
10	16QAM	50	0	21.35	21.43	21.23		
10	64QAM	1	0	21.24	21.28	21.33	22	2
10	64QAM	1	25	21.22	21.32	21.24		
10	64QAM	1	49	21.35	21.33	21.08		
10	64QAM	25	0	20.29	20.28	20.33	21	3
10	64QAM	25	12	20.25	20.25	20.26		
10	64QAM	25	25	20.23	20.25	20.15		
10	64QAM	50	0	20.20	20.29	20.37		
10	256QAM	1	0	18.20	18.23	18.19	19	5
10	256QAM	1	25	18.42	18.31	18.15		
10	256QAM	1	49	18.20	18.07	18.23		
10	256QAM	25	0	18.21	18.39	18.28	19	5
10	256QAM	25	12	18.37	18.36	18.48		
10	256QAM	25	25	18.26	18.21	18.26		
10	256QAM	50	0	18.22	18.03	18.21		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.31	23.30	23.30	24	0
5	QPSK	1	12	23.29	23.22	23.30		
5	QPSK	1	24	23.26	23.17	23.19		
5	QPSK	12	0	22.15	22.32	22.24	23	1
5	QPSK	12	7	22.23	22.31	22.35		
5	QPSK	12	13	22.14	22.14	22.22		
5	QPSK	25	0	22.22	22.27	22.30		
5	16QAM	1	0	22.32	22.20	22.34	23	1
5	16QAM	1	12	22.18	22.25	22.29		
5	16QAM	1	24	22.34	22.25	22.17		
5	16QAM	12	0	21.23	21.39	21.16	22	2
5	16QAM	12	7	21.24	21.31	21.23		
5	16QAM	12	13	21.17	21.25	21.22		
5	16QAM	25	0	21.36	21.41	21.27		
5	64QAM	1	0	21.27	21.31	21.30	22	2
5	64QAM	1	12	21.16	21.32	21.29		
5	64QAM	1	24	21.24	21.32	21.17		
5	64QAM	12	0	20.21	20.24	20.28	21	3
5	64QAM	12	7	20.33	20.24	20.30		
5	64QAM	12	13	20.16	20.18	20.15		
5	64QAM	25	0	20.26	20.31	20.25		
5	256QAM	1	0	18.20	18.30	18.25	19	5
5	256QAM	1	12	18.39	18.32	18.21		
5	256QAM	1	24	18.15	18.09	18.24		
5	256QAM	12	0	18.18	18.31	18.25	19	5
5	256QAM	12	7	18.30	18.33	18.50		
5	256QAM	12	13	18.32	18.26	18.32		
5	256QAM	25	0	18.31	18.04	18.21		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.29	23.35	23.37	24	0
3	QPSK	1	8	23.30	23.29	23.32		
3	QPSK	1	14	23.23	23.14	23.23		
3	QPSK	8	0	22.25	22.33	22.19	23	1
3	QPSK	8	4	22.29	22.25	22.34		
3	QPSK	8	7	22.16	22.21	22.31		
3	QPSK	15	0	22.23	22.35	22.28		
3	16QAM	1	0	22.28	22.25	22.34	23	1
3	16QAM	1	8	22.16	22.34	22.27		
3	16QAM	1	14	22.35	22.26	22.19		
3	16QAM	8	0	21.26	21.31	21.19	22	2
3	16QAM	8	4	21.19	21.31	21.28		
3	16QAM	8	7	21.21	21.30	21.29		
3	16QAM	15	0	21.33	21.40	21.25		
3	64QAM	1	0	21.27	21.29	21.34	22	2
3	64QAM	1	8	21.15	21.32	21.20		
3	64QAM	1	14	21.31	21.29	21.14		
3	64QAM	8	0	20.28	20.30	20.30	21	3
3	64QAM	8	4	20.27	20.31	20.35		
3	64QAM	8	7	20.21	20.16	20.12		
3	64QAM	15	0	20.15	20.35	20.37		
3	256QAM	1	0	18.22	18.29	18.26	19	5
3	256QAM	1	8	18.33	18.22	18.20		
3	256QAM	1	14	18.17	18.13	18.26		
3	256QAM	8	0	18.22	18.31	18.26	19	5
3	256QAM	8	4	18.27	18.34	18.48		
3	256QAM	8	7	18.28	18.21	18.28		
3	256QAM	15	0	18.22	18.12	18.10		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.35	23.37	23.32	24	0
1.4	QPSK	1	3	23.29	23.33	23.31		
1.4	QPSK	1	5	23.24	23.20	23.23		
1.4	QPSK	3	0	23.27	23.30	23.26		
1.4	QPSK	3	1	23.22	23.25	23.29		
1.4	QPSK	3	3	23.16	23.18	23.12		
1.4	QPSK	6	0	22.15	22.37	22.34	23	1
1.4	16QAM	1	0	22.29	22.21	22.37	23	1
1.4	16QAM	1	3	22.16	22.25	22.21		
1.4	16QAM	1	5	22.31	22.20	22.19		
1.4	16QAM	3	0	22.07	22.34	22.33		
1.4	16QAM	3	1	22.23	22.13	22.30		
1.4	16QAM	3	3	22.11	22.18	22.10		
1.4	16QAM	6	0	21.34	21.37	21.19	22	2
1.4	64QAM	1	0	21.18	21.29	21.28	22	2
1.4	64QAM	1	3	21.23	21.26	21.24		
1.4	64QAM	1	5	21.35	21.33	21.13		
1.4	64QAM	3	0	21.27	21.30	21.19		
1.4	64QAM	3	1	21.08	21.27	21.23		
1.4	64QAM	3	3	21.18	21.17	21.15		
1.4	64QAM	6	0	20.17	20.32	20.31	21	3
1.4	256QAM	1	0	18.23	18.24	18.18	19	5
1.4	256QAM	1	3	18.43	18.30	18.17		
1.4	256QAM	1	5	18.19	18.13	18.30		
1.4	256QAM	3	0	18.14	18.31	18.29		
1.4	256QAM	3	1	18.31	18.35	18.39		
1.4	256QAM	3	3	18.25	18.32	18.25		
1.4	256QAM	6	0	18.22	18.10	18.11	19	5

Band 4 Ant 2

BW [MHz]	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	23.21	23.24	23.21	24	0
20	QPSK	1	49	23.15	23.21	23.12		
20	QPSK	1	99	23.16	23.23	23.18		
20	QPSK	50	0	22.19	22.27	22.19	23	1
20	QPSK	50	24	22.15	22.21	22.15		
20	QPSK	50	50	22.20	22.19	22.20		
20	QPSK	100	0	22.19	22.20	22.16		
20	16QAM	1	0	22.26	22.22	22.24	23	1
20	16QAM	1	49	22.18	22.16	22.17		
20	16QAM	1	99	22.11	22.18	22.22		
20	16QAM	50	0	21.16	21.25	21.14	22	2
20	16QAM	50	24	21.14	21.17	21.12		
20	16QAM	50	50	21.25	21.18	21.23		
20	16QAM	100	0	21.23	21.17	21.20		
20	64QAM	1	0	21.18	21.21	21.21	22	2
20	64QAM	1	49	21.20	21.26	21.14		
20	64QAM	1	99	21.15	21.14	21.23		
20	64QAM	50	0	20.24	20.27	20.20	21	3
20	64QAM	50	24	20.18	20.26	20.14		
20	64QAM	50	50	20.20	20.16	20.23		
20	64QAM	100	0	20.19	20.16	20.11		
20	256QAM	1	0	18.18	18.25	18.20	19	5
20	256QAM	1	49	18.16	18.25	18.20		
20	256QAM	1	99	18.15	18.20	18.19		
20	256QAM	50	0	18.15	18.25	18.16	19	5
20	256QAM	50	24	18.23	18.27	18.29		
20	256QAM	50	50	18.20	18.13	18.12		
20	256QAM	100	0	18.06	18.18	18.22		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.14	23.21	23.12	24	0
15	QPSK	1	37	23.12	23.15	22.99		
15	QPSK	1	74	23.14	23.09	23.15		
15	QPSK	36	0	22.07	22.15	22.09	23	1
15	QPSK	36	20	22.08	22.18	22.07		
15	QPSK	36	39	22.10	22.15	22.18		
15	QPSK	75	0	22.07	22.18	22.11		
15	16QAM	1	0	22.16	22.08	22.14	23	1
15	16QAM	1	37	22.16	22.06	22.06		
15	16QAM	1	74	21.99	22.07	22.11		
15	16QAM	36	0	21.05	21.21	21.04	22	2
15	16QAM	36	20	21.10	21.12	21.06		
15	16QAM	36	39	21.15	21.09	21.12		
15	16QAM	75	0	21.15	21.05	21.09		
15	64QAM	1	0	21.10	21.17	21.13	22	2
15	64QAM	1	37	21.15	21.17	21.08		
15	64QAM	1	74	21.10	21.07	21.13		
15	64QAM	36	0	20.16	20.20	20.09	21	3
15	64QAM	36	20	20.05	20.17	20.11		
15	64QAM	36	39	20.07	20.04	20.14		
15	64QAM	75	0	20.08	20.07	20.03		
15	256QAM	1	0	18.13	18.21	18.13	19	5
15	256QAM	1	37	18.12	18.17	18.10		
15	256QAM	1	74	18.04	18.12	18.07		
15	256QAM	36	0	18.06	18.13	18.12	19	5
15	256QAM	36	20	18.12	18.15	18.23		
15	256QAM	36	39	18.10	18.05	18.08		
15	256QAM	75	0	17.97	18.11	18.11		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.16	23.11	23.11	24	0
10	QPSK	1	25	23.11	23.19	23.01		
10	QPSK	1	49	23.12	23.05	23.16		
10	QPSK	25	0	22.15	22.23	22.17	23	1
10	QPSK	25	12	22.10	22.08	22.04		
10	QPSK	25	25	22.06	22.06	22.11		
10	QPSK	50	0	22.10	22.11	22.12		
10	16QAM	1	0	22.22	22.14	22.16	23	1
10	16QAM	1	25	22.11	22.10	22.13		
10	16QAM	1	49	22.03	22.11	22.15		
10	16QAM	25	0	21.10	21.22	21.02	22	2
10	16QAM	25	12	21.01	21.13	21.01		
10	16QAM	25	25	21.21	21.08	21.09		
10	16QAM	50	0	21.15	21.14	21.15		
10	64QAM	1	0	21.05	21.08	21.13	22	2
10	64QAM	1	25	21.10	21.22	21.07		
10	64QAM	1	49	21.01	21.01	21.21		
10	64QAM	25	0	20.16	20.15	20.08	21	3
10	64QAM	25	12	20.04	20.12	20.05		
10	64QAM	25	25	20.08	20.04	20.18		
10	64QAM	50	0	20.07	20.10	20.08		
10	256QAM	1	0	18.12	18.21	18.06	19	5
10	256QAM	1	25	18.02	18.15	18.16		
10	256QAM	1	49	18.13	18.15	18.15		
10	256QAM	25	0	18.02	18.12	18.04	19	5
10	256QAM	25	12	18.20	18.25	18.17		
10	256QAM	25	25	18.15	18.02	18.00		
10	256QAM	50	0	17.96	18.06	18.09		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.16	23.21	23.11	24	0
5	QPSK	1	12	23.08	23.09	23.06		
5	QPSK	1	24	23.02	23.07	23.15		
5	QPSK	12	0	22.14	22.25	22.16	23	1
5	QPSK	12	7	22.02	22.19	22.04		
5	QPSK	12	13	22.17	22.06	22.17		
5	QPSK	25	0	22.06	22.08	22.08		
5	16QAM	1	0	22.13	22.09	22.17	23	1
5	16QAM	1	12	22.05	22.12	22.04		
5	16QAM	1	24	22.04	22.08	22.08		
5	16QAM	12	0	21.09	21.16	21.08	22	2
5	16QAM	12	7	21.09	21.10	21.06		
5	16QAM	12	13	21.15	21.12	21.19		
5	16QAM	25	0	21.13	21.04	21.08		
5	64QAM	1	0	21.11	21.16	21.10	22	2
5	64QAM	1	12	21.13	21.21	21.01		
5	64QAM	1	24	21.03	21.04	21.20		
5	64QAM	12	0	20.14	20.21	20.09	21	3
5	64QAM	12	7	20.10	20.15	20.08		
5	64QAM	12	13	20.09	20.09	20.17		
5	64QAM	25	0	20.17	20.10	20.01		
5	256QAM	1	0	18.10	18.17	18.15	19	5
5	256QAM	1	12	18.05	18.21	18.09		
5	256QAM	1	24	18.06	18.07	18.14		
5	256QAM	12	0	18.01	18.17	18.04	19	5
5	256QAM	12	7	18.16	18.24	18.22		
5	256QAM	12	13	18.10	18.06	18.03		
5	256QAM	25	0	17.96	18.11	18.15		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.17	23.11	23.18	24	0
3	QPSK	1	8	23.08	23.09	23.05		
3	QPSK	1	14	23.06	23.10	23.07		
3	QPSK	8	0	22.12	22.14	22.16	23	1
3	QPSK	8	4	22.04	22.18	22.01		
3	QPSK	8	7	22.17	22.12	22.10		
3	QPSK	15	0	22.16	22.11	22.12		
3	16QAM	1	0	22.19	22.14	22.16	23	1
3	16QAM	1	8	22.07	22.13	22.13		
3	16QAM	1	14	22.03	22.11	22.18		
3	16QAM	8	0	21.14	21.21	21.01	22	2
3	16QAM	8	4	21.05	21.10	21.01		
3	16QAM	8	7	21.13	21.09	21.13		
3	16QAM	15	0	21.16	21.13	21.17		
3	64QAM	1	0	21.12	21.14	21.16	22	2
3	64QAM	1	8	21.10	21.17	21.01		
3	64QAM	1	14	21.09	21.01	21.09		
3	64QAM	8	0	20.18	20.17	20.14	21	3
3	64QAM	8	4	20.14	20.23	20.10		
3	64QAM	8	7	20.09	20.12	20.15		
3	64QAM	15	0	20.11	20.04	20.02		
3	256QAM	1	0	18.11	18.13	18.07	19	5
3	256QAM	1	8	18.10	18.17	18.13		
3	256QAM	1	14	18.03	18.06	18.07		
3	256QAM	8	0	18.07	18.21	18.11	19	5
3	256QAM	8	4	18.12	18.22	18.26		
3	256QAM	8	7	18.11	18.08	18.03		
3	256QAM	15	0	17.94	18.14	18.09		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.16	23.15	23.08	24	0
1.4	QPSK	1	3	23.01	23.07	22.99		
1.4	QPSK	1	5	23.07	23.09	23.09		
1.4	QPSK	3	0	23.05	23.08	23.04		
1.4	QPSK	3	1	22.91	23.04	22.93		
1.4	QPSK	3	3	23.02	23.00	22.97		
1.4	QPSK	6	0	22.09	22.06	22.07	23	1
1.4	16QAM	1	0	22.17	22.18	22.10	23	1
1.4	16QAM	1	3	22.08	22.14	22.11		
1.4	16QAM	1	5	22.07	22.13	22.19		
1.4	16QAM	3	0	22.04	21.92	21.98		
1.4	16QAM	3	1	22.06	22.09	21.99		
1.4	16QAM	3	3	22.01	22.09	21.99		
1.4	16QAM	6	0	21.17	21.08	21.16	22	2
1.4	64QAM	1	0	21.13	21.09	21.17	22	2
1.4	64QAM	1	3	21.08	21.13	21.08		
1.4	64QAM	1	5	21.10	21.11	21.12		
1.4	64QAM	3	0	21.14	20.94	21.08		
1.4	64QAM	3	1	21.00	20.97	21.09		
1.4	64QAM	3	3	21.06	21.08	21.05		
1.4	64QAM	6	0	20.11	20.03	20.00	21	3
1.4	256QAM	1	0	18.15	18.14	18.11	19	5
1.4	256QAM	1	3	18.14	18.16	18.12		
1.4	256QAM	1	5	18.11	18.18	18.09		
1.4	256QAM	3	0	18.10	18.23	18.04		
1.4	256QAM	3	1	18.21	18.16	18.15		
1.4	256QAM	3	3	18.07	18.03	18.08		
1.4	256QAM	6	0	17.98	18.08	18.12	19	5

Band 7 Ant 2

BW [MHz]	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	24.15	24.22	24.21	25	0
20	QPSK	1	49	24.03	24.16	24.07		
20	QPSK	1	99	24.07	24.13	24.10		
20	QPSK	50	0	23.10	23.24	23.17	24	1
20	QPSK	50	24	23.02	23.17	23.08		
20	QPSK	50	50	23.06	23.07	23.10		
20	QPSK	100	0	23.17	23.22	23.16		
20	16QAM	1	0	23.10	23.18	23.23	24	1
20	16QAM	1	49	23.06	23.10	23.03		
20	16QAM	1	99	23.06	23.13	23.07		
20	16QAM	50	0	22.04	22.26	22.20	23	2
20	16QAM	50	24	22.00	22.21	22.02		
20	16QAM	50	50	22.10	22.13	22.09		
20	16QAM	100	0	22.23	22.18	22.18		
20	64QAM	1

Band 25 Ant 2

BW [MHz]	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	26599		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.43	23.49	23.43		
20	QPSK	1	49	23.39	23.42	23.38	24	0
20	QPSK	1	99	23.40	23.37	23.35		
20	QPSK	50	0	22.39	22.48	22.41		
20	QPSK	50	24	22.42	22.44	22.43	23	1
20	QPSK	50	50	22.34	22.34	22.40		
20	QPSK	100	0	22.38	22.46	22.39		
20	16QAM	1	0	22.42	22.44	22.48		
20	16QAM	1	49	22.40	22.40	22.41	23	1
20	16QAM	1	99	22.43	22.32	22.37		
20	16QAM	50	0	21.41	21.53	21.36		
20	16QAM	50	24	21.42	21.39	21.41	22	2
20	16QAM	50	50	21.32	21.39	21.44		
20	16QAM	100	0	21.43	21.50	21.42		
20	64QAM	1	0	21.43	21.45	21.45		
20	64QAM	1	49	21.34	21.42	21.35	22	2
20	64QAM	1	99	21.39	21.42	21.30		
20	64QAM	50	0	20.41	20.45	20.41		
20	64QAM	50	24	20.41	20.44	20.49	21	3
20	64QAM	50	50	20.35	20.37	20.37		
20	64QAM	100	0	20.37	20.47	20.44		
20	256QAM	1	0	18.39	18.43	18.38		
20	256QAM	1	49	18.47	18.41	18.41	19	5
20	256QAM	1	99	18.32	18.28	18.41		
20	256QAM	50	0	18.37	18.51	18.42		
20	256QAM	50	24	18.46	18.47	18.53	19	5
20	256QAM	50	50	18.46	18.35	18.47		
20	256QAM	100	0	18.40	18.27	18.34		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.40	23.43	23.39		
15	QPSK	1	37	23.26	23.34	23.29	24	0
15	QPSK	1	74	23.27	23.31	23.33		
15	QPSK	36	0	22.31	22.38	22.38		
15	QPSK	36	20	22.31	22.32	22.35	23	1
15	QPSK	36	39	22.24	22.22	22.33		
15	QPSK	75	0	22.34	22.39	22.36		
15	16QAM	1	0	22.36	22.37	22.37		
15	16QAM	1	37	22.33	22.34	22.28	23	1
15	16QAM	1	74	22.38	22.27	22.28		
15	16QAM	36	0	21.38	21.43	21.30		
15	16QAM	36	20	21.36	21.25	21.31	22	2
15	16QAM	36	39	21.19	21.32	21.31		
15	16QAM	75	0	21.29	21.42	21.30		
15	64QAM	1	0	21.39	21.43	21.32		
15	64QAM	1	37	21.22	21.36	21.25	22	2
15	64QAM	1	74	21.32	21.33	21.25		
15	64QAM	36	0	20.31	20.34	20.39		
15	64QAM	36	20	20.28	20.40	20.35	21	3
15	64QAM	36	39	20.24	20.23	20.32		
15	64QAM	75	0	20.23	20.40	20.36		
15	256QAM	1	0	18.31	18.38	18.26		
15	256QAM	1	37	18.34	18.34	18.35	19	5
15	256QAM	1	74	18.24	18.20	18.35		
15	256QAM	36	0	18.33	18.41	18.31		
15	256QAM	36	20	18.39	18.34	18.43	19	5
15	256QAM	36	39	18.37	18.30	18.37		
15	256QAM	75	0	18.37	18.19	18.26		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.32	23.39	23.30		
10	QPSK	1	25	23.34	23.31	23.30	24	0
10	QPSK	1	49	23.29	23.32	23.23		
10	QPSK	25	0	22.30	22.38	22.35		
10	QPSK	25	12	22.29	22.42	22.39	23	1
10	QPSK	25	25	22.21	22.20	22.30		
10	QPSK	50	0	22.29	22.38	22.32		
10	16QAM	1	0	22.34	22.38	22.40		
10	16QAM	1	25	22.35	22.26	22.37	23	1
10	16QAM	1	49	22.32	22.26	22.34		
10	16QAM	25	0	21.32	21.43	21.31		
10	16QAM	25	12	21.32	21.29	21.32	22	2
10	16QAM	25	25	21.30	21.27	21.34		
10	16QAM	50	0	21.40	21.40	21.34		
10	64QAM	1	0	21.31	21.42	21.38		
10	64QAM	1	25	21.31	21.33	21.22	22	2
10	64QAM	1	49	21.29	21.32	21.23		
10	64QAM	25	0	20.29	20.31	20.31		
10	64QAM	25	12	20.29	20.35	20.37	21	3
10	64QAM	25	25	20.27	20.34	20.24		
10	64QAM	50	0	20.23	20.43	20.38		
10	256QAM	1	0	18.28	18.31	18.25		
10	256QAM	1	25	18.35	18.36	18.32	19	5
10	256QAM	1	49	18.23	18.16	18.32		
10	256QAM	25	0	18.26	18.38	18.32		
10	256QAM	25	12	18.44	18.37	18.51	19	5
10	256QAM	25	25	18.44	18.29	18.41		
10	256QAM	50	0	18.35	18.25	18.27		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.36	23.38	23.33		
5	QPSK	1	12	23.33	23.33	23.33	24	0
5	QPSK	1	24	23.34	23.24	23.33		
5	QPSK	12	0	22.37	22.38	22.38		
5	QPSK	12	7	22.38	22.34	22.30	23	1
5	QPSK	12	13	22.26	22.21	22.36		
5	QPSK	25	0	22.24	22.38	22.32		
5	16QAM	1	0	22.32	22.32	22.41		
5	16QAM	1	12	22.34	22.32	22.32	23	1
5	16QAM	1	24	22.38	22.29	22.26		
5	16QAM	12	0	21.31	21.42	21.28		
5	16QAM	12	7	21.35	21.37	21.38	22	2
5	16QAM	12	13	21.28	21.30	21.31		
5	16QAM	25	0	21.29	21.41	21.31		
5	64QAM	1	0	21.30	21.37	21.36		
5	64QAM	1	12	21.24	21.37	21.24	22	2
5	64QAM	1	24	21.34	21.39	21.22		
5	64QAM	12	0	20.28	20.37	20.29		
5	64QAM	12	7	20.39	20.37	20.46	21	3
5	64QAM	12	13	20.28	20.29	20.35		
5	64QAM	25	0	20.33	20.35	20.31		
5	256QAM	1	0	18.31	18.34	18.35		
5	256QAM	1	12	18.36	18.35	18.31	19	5
5	256QAM	1	24	18.26	18.21	18.39		
5	256QAM	12	0	18.28	18.46	18.37		
5	256QAM	12	7	18.43	18.37	18.49	19	5
5	256QAM	12	13	18.39	18.31	18.39		
5	256QAM	25	0	18.37	18.22	18.30		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.34	23.41	23.33		
3	QPSK	1	8	23.33	23.33	23.31	24	0
3	QPSK	1	14	23.37	23.27	23.24		
3	QPSK	8	0	22.27	22.40	22.36		
3	QPSK	8	4	22.38	22.34	22.41	23	1
3	QPSK	8	7	22.27	22.27	22.36		
3	QPSK	15	0	22.28	22.36	22.26		
3	16QAM	1	0	22.36	22.37	22.43		
3	16QAM	1	8	22.32	22.32	22.31	23	1
3	16QAM	1	14	22.33	22.30	22.26		
3	16QAM	8	0	21.34	21.46	21.30		
3	16QAM	8	4	21.33	21.34	21.36	22	2
3	16QAM	8	7	21.20	21.34	21.36		
3	16QAM	15	0	21.39	21.41	21.31		
3	64QAM	1	0	21.33	21.36	21.41		
3	64QAM	1	8	21.25	21.39	21.27	22	2
3	64QAM	1	14	21.30	21.38	21.22		
3	64QAM	8	0	20.28	20.41	20.38		
3	64QAM	8	4	20.34	20.39	20.38	21	3
3	64QAM	8	7	20.23	20.34	20.26		
3	64QAM	15	0	20.30	20.42	20.30		
3	256QAM	1	0	18.29	18.35	18.27		
3	256QAM	1	8	18.37	18.34	18.36	19	5
3	256QAM	1	14	18.19	18.17	18.38		
3	256QAM	8	0	18.26	18.38	18.30		
3	256QAM	8	4	18.42	18.41	18.45	19	5
3	256QAM	8	7	18.34	18.29	18.33		
3	256QAM	15	0	18.36	18.16	18.28		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.31	23.42	23.39		
1.4	QPSK	1	3	23.29	23.40	23.30		
1.4	QPSK	1	5	23.37	23.33	23.32	24	0
1.4	QPSK	3	0	23.26	23.33	23.31		
1.4	QPSK	3	1	23.25	23.37	23.21		
1.4	QPSK	3	3	23.27	23.22	23.30		
1.4	QPSK	6	0	22.30	22.41	22.35	23	1
1.4	16QAM	1	0	22.35	22.34	22.42		
1.4	16QAM	1	3	22.28	22.37	22.38		
1.4	16QAM	1	5	22.41	22.26	22.28	23	1
1.4	16QAM	3	0	22.18	22.31	22.23		
1.4	16QAM	3	1	22.30	22.27	22.34		
1.4	16QAM	3	3	22.25	22.28	22.32		
1.4	16QAM	6	0	21.40	21.43	21.40	22	2
1.4	64QAM	1	0	21.34	21.42	21.39		
1.4	64QAM	1	3	21.20	21.39	21.25		
1.4	64QAM	1	5	21.34	21.32	21.23	22	2
1.4	64QAM	3	0	21.28	21.34	21.38		
1.4	64QAM	3	1	21.26	21.28	21.36		
1.4	64QAM	3	3	21.12	21.29	21.13		
1.4	64QAM	6	0	20.26	20.42	20.38	21	3
1.4	256QAM	1	0	18.32	18.39	18.35		
1.4	256QAM	1	3	18.41	18.29	18.29		
1.4	256QAM	1	5	18.23	18.25	18.28	19	5
1.4	256QAM	3	0	18.30	18.38	18.28		
1.4	256QAM	3	1	18.32	18.43	18.41		
1.4	256QAM	3	3	18.40	18.25	18.42		
1.4	256QAM	6	0	18.37	18.18	18.23	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.64			
10	QPSK	1	25		23.59		24	0
10	QPSK	1	49		23.55			
10	QPSK	25	0		22.69			
10	QPSK	25	12		22.64		23	1
10	QPSK	25	25		22.57			
10	QPSK	50	0		22.65			
10	16QAM	1	0		22.64			
10	16QAM	1	25		22.56		23	1
10	16QAM	1	49		22.56			
10	16QAM	25	0		21.64			
10	16QAM	25	12		21.65		22	2
10	16QAM	25	25		21.52			
10	16QAM	50	0		21.61			
10	64QAM	1	0		21.61			
10	64QAM	1	25		21.56		22	2
10	64QAM	1	49		21.54			
10	64QAM	25	0		20.70			
10	64QAM	25	12		20.59		21	3
10	64QAM	25	25		20.62			
10	64QAM	50	0		20.63			
10	256QAM	1	0		18.67			
10	256QAM	1	25		18.65		19	5
10	256QAM	1	49		18.52			
10	256QAM	25	0		18.60			
10	256QAM	25	12		18.64		19	5
10	256QAM	25	25		18.53			
10	256QAM	50	0		18.59			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	23.54	23.56	23.55		
5	QPSK	1	12	23.56	23.53	23.51	24	0
5	QPSK	1	24	23.43	23.44	23.52		
5	QPSK	12	0	22.65	22.65	22.55		
5	QPSK	12	7	22.59	22.50	22.52	23	1
5	QPSK	12	13	22.51	22.48	22.49		
5	QPSK	25	0	22.53	22.51	22.54		
5	16QAM	1	0	22.55	22.60	22.56		
5	16QAM	1	12	22.48	22.51	22.43	23	1
5	16QAM	1	24	22.44	22.50	22.49		
5	16QAM	12	0	21.53	21.53	21.61		
5	16QAM	12	7	21.55	21.59	21.52	22	2
5	16QAM	12	13	21.43	21.50	21.49		
5	16QAM	25	0	21.58	21.54	21.50		
5	64QAM	1	0	21.50	21.51	21.50		
5	64QAM	1	12	21.44	21.51	21.43	22	2
5	64QAM	1	24	21.50	21.44	21.45		
5	64QAM	12	0	20.63	20.66	20.58		
5	64QAM	12	7	20.49	20.55	20.50	21	3
5	64QAM	12	13	20.52	20.48	20.52		
5	64QAM	25	0	20.53	20.51	20.56		
5	256QAM	1	0	18.61	18.56	18.64		
5	256QAM	1	12	18.61	18.52	18.53	19	5
5	256QAM	1	24	18.50	18.49	18.49		
5	256QAM	12	0	18.57	18.50	18.58		
5	256QAM	12	7	18.59	18.58	18.58	19	5
5	256QAM	12	13	18.40	18.50	18.41		
5	256QAM	25	0	18.51	18.50	18.45		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				131972	132322	132672		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.33	23.41	23.39		
20	QPSK	1	49	23.26	23.35	23.31	24	0
20	QPSK	1	99	23.23	23.28	23.31		
20	QPSK	50	0	22.32	22.46	22.44		
20	QPSK	50	24	22.27	22.41	22.36	23	1
20	QPSK	50	50	22.27	22.33	22.34		
20	QPSK	100	0	22.30	22.44	22.39		
20	16QAM	1	0	22.28	22.37	22.41		
20	16QAM	1	49	22.27	22.38	22.37	23	1
20	16QAM	1	99	22.22	22.23	22.33		
20	16QAM	50	0	21.37	21.46	21.40		
20	16QAM	50	24	21.30	21.40	21.40	22	2
20	16QAM	50	50	21.33	21.35	21.35		
20	16QAM	100	0	21.31	21.42	21.40		
20	64QAM	1	0	21.29	21.40	21.43		
20	64QAM	1	49	21.30	21.35	21.25	22	2
20	64QAM	1	99	21.23	21.30	21.27		
20	64QAM	50	0	20.35	20.44	20.41		
20	64QAM	50	24	20.29	20.45	20.38	21	3
20	64QAM	50	50	20.26	20.31	20.39		
20	64QAM	100	0	20.30	20.44	20.38		
20	256QAM	1	0	18.33	18.46	18.46		
20	256QAM	1	49	18.26	18.39	18.34	19	5
20	256QAM	1	99	18.32	18.32	18.28		
20	256QAM	50	0	18.32	18.47	18.37		
20	256QAM	50	24	18.28	18.41	18.43	19	5
20	256QAM	50	50	18.23	18.42	18.38		
20	256QAM	100	0	18.20	18.22	18.31		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.26	23.39	23.36		
15	QPSK	1	37	23.19	23.28	23.26	24	0
15	QPSK	1	74	23.20	23.18	23.25		
15	QPSK	36	0	22.19	22.39	22.42		
15	QPSK	36	20	22.24	22.32	22.27	23	1
15	QPSK	36	39	22.21	22.21	22.32		
15	QPSK	75	0	22.24	22.38	22.35		
15	16QAM	1	0	22.22	22.27	22.35		
15	16QAM	1	37	22.23	22.26	22.29	23	1
15	16QAM	1	74	22.09	22.15	22.29		
15	16QAM	36	0	21.25	21.37	21.27		
15	16QAM	36	20	21.24	21.33	21.27	22	2
15	16QAM	36	39	21.25	21.23	21.31		
15	16QAM	75	0	21.22	21.34	21.35		
15	64QAM	1	0	21.16	21.33	21.32		
15	64QAM	1	37	21.25	21.24	21.11	22	2
15	64QAM	1	74	21.20	21.23	21.18		
15	64QAM	36	0	20.23	20.32	20.33		
15	64QAM	36	20	20.26	20.37	20.34	21	3
15	64QAM	36	39	20.17	20.20	20.25		
15	64QAM	75	0	20.28	20.41	20.35		
15	256QAM	1	0	18.20	18.43	18.34		
15	256QAM	1	37	18.17	18.34	18.28	19	5
15	256QAM	1	74	18.22	18.18	18.15		
15	256QAM	36	0	18.27	18.35	18.24		
15	256QAM	36	20	18.15	18.36	18.40	19	5
15	256QAM	36	39	18.15	18.38	18.34		
15	256QAM	75	0	18.15	18.17	18.26		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.21	23.27	23.29		
10	QPSK	1	25	23.13	23.23	23.23	24	0
10	QPSK	1	49	23.14	23.18	23.21		
10	QPSK	25	0	22.26	22.33	22.34		
10	QPSK	25	12	22.22	22.29	22.30	23	1
10	QPSK	25	25	22.19	22.24	22.31		
10	QPSK	50	0	22.17	22.32	22.35		
10	16QAM	1	0	22.22	22.34	22.36		
10	16QAM	1	25	22.23	22.26	22.31	23	1
10	16QAM	1	49	22.14	22.17	22.29		
10	16QAM	25	0	21.26	21.34	21.29		
10	16QAM	25	12	21.19	21.29	21.32	22	2
10	16QAM	25	25	21.30	21.30	21.28		
10	16QAM	50	0	21.21	21.33	21.26		
10	64QAM	1	0	21.26	21.33	21.32		
10	64QAM	1	25	21.21	21.33	21.14	22	2
10	64QAM	1	49	21.10	21.24	21.21		
10	64QAM	25	0	20.24	20.33	20.37		
10	64QAM	25	12	20.18	20.36	20.29	21	3
10	64QAM	25	25	20.22	20.17	20.29		
10	64QAM	50	0	20.19	20.34	20.30		
10	256QAM	1	0	18.26	18.43	18.37		
10	256QAM	1	25	18.23	18.26	18.31	19	5
10	256QAM	1	49	18.23	18.24	18.14		
10	256QAM	25	0	18.28	18.40	18.23		
10	256QAM	25	12	18.22	18.33	18.30	19	5
10	256QAM	25	25	18.18	18.37	18.34		
10	256QAM	50	0	18.14	18.10	18.23		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.21	23.36	23.31		
5	QPSK	1	12	23.16	23.27	23.17	24	0
5	QPSK	1	24	23.19	23.17	23.23		
5	QPSK	12	0	22.21	22.37	22.31		
5	QPSK	12	7	22.18	22.36	22.26	23	1
5	QPSK	12	13	22.16	22.26	22.21		
5	QPSK	25	0	22.27	22.38	22.37		
5	16QAM	1	0	22.16	22.25	22.30		
5	16QAM	1	12	22.17	22.32	22.24	23	1
5	16QAM	1	24	22.16	22.21	22.26		
5	16QAM	12	0	21.29	21.35	21.26		
5	16QAM	12	7	21.23	21.28	21.30	22	2
5	16QAM	12	13	21.30	21.24	21.32		
5	16QAM	25	0	21.27	21.38	21.27		
5	64QAM	1	0	21.19	21.28	21.40		
5	64QAM	1	12	21.28	21.27	21.22	22	2
5	64QAM	1	24	21.10	21.21	21.14		
5	64QAM	12	0	20.25	20.35	20.32		
5	64QAM	12	7	20.18	20.40	20.28	21	3
5	64QAM	12	13	20.15	20.25	20.31		
5	64QAM	25	0	20.27	20.40	20.27		
5	256QAM	1	0	18.30	18.34	18.40		
5	256QAM	1	12	18.23	18.34	18.30	19	5
5	256QAM	1	24	18.26	18.29	18.19		
5	256QAM	12	0	18.25	18.40	18.27		
5	256QAM	12	7	18.24	18.32	18.39	19	5
5	256QAM	12	13	18.20	18.39	18.27		
5	256QAM	25	0	18.17	18.20	18.19		
Channel				131947	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.26	23.36	23.37		
3	QPSK	1	8	23.19	23.27	23.23	24	0
3	QPSK	1	14	23.21	23.19	23.19		
3	QPSK	8	0	22.26	22.32	22.42		
3	QPSK	8	4	22.14	22.32	22.28	23	1
3	QPSK	8	7	22.15	22.26	22.30		
3	QPSK	15	0	22.26	22.31	22.36		
3	16QAM	1	0	22.16	22.31	22.28		
3	16QAM	1	8	22.17	22.34	22.29	23	1
3	16QAM	1	14	22.13	22.13	22.30		
3	16QAM	8	0	21.33	21.35	21.35		
3	16QAM	8	4	21.17	21.26	21.36	22	2
3	16QAM	8	7	21.23	21.25	21.26		
3	16QAM	15	0	21.25	21.39	21.33		
3	64QAM	1	0	21.15	21.28	21.31		
3	64QAM	1	8	21.27	21.29	21.18	22	2
3	64QAM	1	14	21.14	21.22	21.17		
3	64QAM	8	0	20.27	20.35	20.28		
3	64QAM	8	4	20.19	20.40	20.34	21	3
3	64QAM	8	7	20.14	20.21	20.35		
3	64QAM	15	0	20.21	20.41	20.29		
3	256QAM	1	0	18.25	18.33	18.34		
3	256QAM	1	8	18.24	18.36	18.27	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	2596	2610		
20	QPSK	1	0	24.09	24.16	24.13	25	0
20	QPSK	1	49	24.07	24.02	24.03		
20	QPSK	1	99	23.98	24.08	24.04		
20	QPSK	50	0	23.15	23.18	23.14	24	1
20	QPSK	50	24	23.16	22.93	23.04		
20	QPSK	50	50	23.04	22.98	23.04		
20	QPSK	100	0	23.09	23.23	23.12		
20	16QAM	1	0	23.14	23.16	23.15	24	1
20	16QAM	1	49	23.15	22.99	23.08		
20	16QAM	1	99	23.01	23.01	23.07		
20	16QAM	50	0	22.10	22.13	22.16	23	2
20	16QAM	50	24	22.20	21.93	22.12		
20	16QAM	50	50	22.11	21.96	22.08		
20	16QAM	100	0	22.13	22.17	22.21		
20	64QAM	1	0	22.18	22.14	22.21	23	2
20	64QAM	1	49	22.08	22.01	22.07		
20	64QAM	1	99	22.05	22.06	22.04		
20	64QAM	50	0	21.18	21.25	21.07	22	3
20	64QAM	50	24	21.11	20.98	20.93		
20	64QAM	50	50	20.98	21.03	20.99		
20	64QAM	100	0	21.14	21.16	21.16		
20	256QAM	1	0	19.05	19.11	19.07	20	5
20	256QAM	1	49	19.11	18.98	19.02		
20	256QAM	1	99	19.10	18.90	19.12		
20	256QAM	50	0	19.17	19.10	19.14	20	5
20	256QAM	50	24	19.04	19.18	19.17		
20	256QAM	50	50	19.08	19.12	19.03		
20	256QAM	100	0	19.02	19.04	19.10		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	23.97	24.07	24.10	25	0
15	QPSK	1	37	24.03	23.94	23.95		
15	QPSK	1	74	23.92	24.02	23.95		
15	QPSK	36	0	23.02	23.09	23.07	24	1
15	QPSK	36	20	23.13	22.88	22.91		
15	QPSK	36	39	22.91	22.93	22.90		
15	QPSK	75	0	22.95	23.14	23.03		
15	16QAM	1	0	23.07	23.03	23.02	24	1
15	16QAM	1	37	23.11	22.90	22.98		
15	16QAM	1	74	22.95	22.96	22.94		
15	16QAM	36	0	22.00	22.08	22.11	23	2
15	16QAM	36	20	22.17	21.96	22.04		
15	16QAM	36	39	22.07	21.93	22.00		
15	16QAM	75	0	22.02	22.13	22.13		
15	64QAM	1	0	22.11	22.06	22.11	23	2
15	64QAM	1	37	22.00	21.97	21.93		
15	64QAM	1	74	21.93	22.02	21.91		
15	64QAM	36	0	21.06	21.14	20.95	22	3
15	64QAM	36	20	21.03	20.92	20.84		
15	64QAM	36	39	20.93	20.98	20.91		
15	64QAM	75	0	21.10	21.06	21.12		
15	256QAM	1	0	18.93	19.04	18.96	20	5
15	256QAM	1	37	19.00	18.90	18.95		
15	256QAM	1	74	19.00	18.84	18.98		
15	256QAM	36	0	19.11	18.99	19.02	20	5
15	256QAM	36	20	19.00	19.11	19.11		
15	256QAM	36	39	19.05	19.05	18.92		
15	256QAM	75	0	18.89	18.95	18.98		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2618		
10	QPSK	1	0	24.07	24.14	24.03	25	0
10	QPSK	1	25	23.99	23.94	23.93		
10	QPSK	1	49	23.87	24.00	23.96		
10	QPSK	25	0	23.10	23.13	23.06	24	1
10	QPSK	25	12	23.13	22.87	22.96		
10	QPSK	25	25	22.94	22.85	22.99		
10	QPSK	50	0	22.95	23.19	23.01		
10	16QAM	1	0	23.06	23.04	23.11	24	1
10	16QAM	1	25	23.08	22.93	22.99		
10	16QAM	1	49	22.98	22.96	22.98		
10	16QAM	25	0	22.02	22.09	22.10	23	2
10	16QAM	25	12	22.17	21.90	22.08		
10	16QAM	25	25	22.01	21.91	22.05		
10	16QAM	50	0	22.08	22.13	22.13		
10	64QAM	1	0	22.12	22.11	22.09	23	2
10	64QAM	1	25	22.00	21.94	21.93		
10	64QAM	1	49	21.95	21.94	22.01		
10	64QAM	25	0	21.14	21.19	21.05	22	3
10	64QAM	25	12	21.05	20.89	20.83		
10	64QAM	25	25	20.88	20.98	20.97		
10	64QAM	50	0	21.02	21.05	21.09		
10	256QAM	1	0	19.01	19.08	19.02	20	5
10	256QAM	1	25	19.07	18.94	18.92		
10	256QAM	1	49	19.02	18.83	19.05		
10	256QAM	25	0	19.07	19.02	19.00	20	5
10	256QAM	25	12	19.01	19.12	19.13		
10	256QAM	25	25	18.97	19.05	18.90		
10	256QAM	50	0	18.93	18.90	19.04		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	24.02	24.03	24.01	25	0
5	QPSK	1	12	23.97	23.93	23.90		
5	QPSK	1	24	23.86	23.97	23.97		
5	QPSK	12	0	23.02	23.11	23.07	24	1
5	QPSK	12	7	23.05	22.82	22.97		
5	QPSK	12	13	22.91	22.94	22.96		
5	QPSK	25	0	22.97	23.10	23.02		
5	16QAM	1	0	23.02	23.11	23.02	24	1
5	16QAM	1	12	23.02	22.85	23.01		
5	16QAM	1	24	22.88	22.91	22.98		
5	16QAM	12	0	22.07	22.10	22.09	23	2
5	16QAM	12	7	22.08	21.87	22.00		
5	16QAM	12	13	21.97	21.89	22.02		
5	16QAM	25	0	22.01	22.09	22.18		
5	64QAM	1	0	22.10	22.03	22.08	23	2
5	64QAM	1	12	21.95	21.91	22.02		
5	64QAM	1	24	22.01	21.94	21.91		
5	64QAM	12	0	21.06	21.18	21.01	22	3
5	64QAM	12	7	21.02	20.88	20.94		
5	64QAM	12	13	20.90	20.94	20.87		
5	64QAM	25	0	21.00	21.05	21.03		
5	256QAM	1	0	18.93	18.99	18.96	20	5
5	256QAM	1	12	19.04	18.94	18.94		
5	256QAM	1	24	19.03	18.78	19.04		
5	256QAM	12	0	19.12	19.03	19.11	20	5
5	256QAM	12	7	18.97	19.07	19.14		
5	256QAM	12	13	19.04	19.07	18.95		
5	256QAM	25	0	18.92	18.93	19.00		

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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	24.16	24.20	24.22	24.20	24.13	25	0
20	QPSK	1	49	24.14	24.18	24.12	24.16	24.09		
20	QPSK	1	99	24.04	24.12	24.12	24.14	24.07		
20	QPSK	50	0	23.21	23.19	23.28	23.18	23.17	24	1
20	QPSK	50	24	23.14	23.23	23.07	23.12	23.14		
20	QPSK	50	50	23.04	23.17	23.07	23.13	23.02		
20	QPSK	100	0	23.18	23.17	23.26	23.23	23.17		
20	16QAM	1	0	23.20	23.16	23.23	23.23	23.17	24	1
20	16QAM	1	49	23.19	23.19	23.13	23.13	23.10		
20	16QAM	1	99	23.04	23.13	23.14	23.20	23.08		
20	16QAM	50	0	22.21	22.21	22.24	22.19	22.13	23	2
20	16QAM	50	24	22.12	22.23	22.03	22.16	22.12		
20	16QAM	50	50	22.09	22.18	22.03	22.14	22.06		
20	16QAM	100	0	22.23	22.15	22.26	22.27	22.17		
20	64QAM	1	0	22.11	22.26	22.23	22.26	22.07	23	2
20	64QAM	1	49	22.14	22.18	22.11	22.19	22.06		
20	64QAM	1	99	22.08	22.11	22.13	22.17	22.08		
20	64QAM	50	0	21.24	21.24	21.33	21.17	21.12	22	3
20	64QAM	50	24	21.14	21.24	21.02	21.07	21.19		
20	64QAM	50	50	21.02	21.11	21.06	21.13	21.06		
20	64QAM	100	0	21.14	21.22	21.30	21.29	21.12		
20	256QAM	1	0	19.17	19.19	19.24	19.16	19.15	20	5
20	256QAM	1	49	19.13	19.21	19.09	19.13	19.13		
20	256QAM	1	99	19.07	19.22	19.04	19.16	19.08		
20	256QAM	50	0	19.13	19.22	19.24	19.20	19.16	20	5
20	256QAM	50	24	19.21	19.12	19.29	19.21	19.18		
20	256QAM	50	50	19.15	19.16	19.16	19.14	19.07		
20	256QAM	100	0	19.05	19.10	19.09	19.19	19.06		
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	24.11	24.08	24.18	24.15	24.06	25	0
15	QPSK	1	37	24.07	24.09	24.07	24.08	23.96		
15	QPSK	1	74	23.99	24.03	24.05	24.08	23.97		
15	QPSK	36	0	23.11	23.06	23.23	23.06	23.13	24	1
15	QPSK	36	20	23.01	23.19	23.00	23.07	23.09		
15	QPSK	36	39	22.93	23.14	22.96	23.04	22.94		
15	QPSK	75	0	23.15	23.09	23.14	23.13	23.11		
15	16QAM	1	0	23.09	23.08	23.18	23.16	23.11	24	1
15	16QAM	1	37	23.13	23.12	22.99	23.02	22.99		
15	16QAM	1	74	22.97	23.05	23.08	23.08	23.04		
15	16QAM	36	0	22.11	22.14	22.15	22.06	22.00	23	2
15	16QAM	36	20	22.09	22.20	21.91	22.09	22.10		
15	16QAM	36	39	21.96	22.07	21.93	22.12	21.94		
15	16QAM	75	0	22.13	22.03	22.22	22.17	22.11		
15	64QAM	1	0	22.07	22.12	22.13	22.15	22.05	23	2
15	64QAM	1	37	22.03	22.05	22.09	22.17	21.95		
15	64QAM	1	74	22.04	22.06	22.08	22.13	22.03		
15	64QAM	36	0	21.18	21.13	21.30	21.13	21.05	22	3
15	64QAM	36	20	21.10	21.13	20.91	21.01	21.09		
15	64QAM	36	39	20.90	20.99	21.01	21.10	21.01		
15	64QAM	75	0	21.07	21.11	21.20	21.22	21.06		
15	256QAM	1	0	19.09	19.05	19.14	19.03	19.10	20	5
15	256QAM	1	37	19.04	19.14	19.04	19.08	19.01		
15	256QAM	1	74	18.96	19.12	18.96	19.05	18.94		
15	256QAM	36	0	19.07	19.08	19.12	19.18	19.12	20	5
15	256QAM	36	20	19.16	18.99	19.21	19.19	19.10		
15	256QAM	36	39	19.08	19.13	19.06	19.03	19.02		
15	256QAM	75	0	18.94	18.96	19.07	19.06	18.95		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2638	2685		
10	QPSK	1	0	24.05	24.13	24.16	24.08	24.06	25	0
10	QPSK	1	25	24.11	24.04	24.01	24.03	23.96		
10	QPSK	1	49	23.97	24.01	24.05	24.07	24.03		
10	QPSK	25	0	23.11	23.13	23.17	23.09	23.03	24	1
10	QPSK	25	12	23.01	23.17	22.95	23.07	23.08		
10	QPSK	25	25	22.97	23.14	22.98	23.08	22.98		
10	QPSK	50	0	23.11	23.11	23.20	23.12	23.05		
10	16QAM	1	0	23.09	23.03	23.12	23.14	23.06	24	1
10	16QAM	1	25	23.08	23.16	23.01	23.07	23.05		
10	16QAM	1	49	22.90	23.03	23.01	23.08	23.02		
10	16QAM	25	0	22.09	22.13	22.15	22.11	22.08	23	2
10	16QAM	25	12	22.01	22.12	21.92	22.12	22.02		
10	16QAM	25	25	21.96	22.07	21.95	22.10	22.02		
10	16QAM	50	0	22.17	22.11	22.16	22.14	22.06		
10	64QAM	1	0	21.98	22.15	22.21	22.21	21.94	23	2
10	64QAM	1	25	22.00	22.05	22.04	22.12	21.93		
10	64QAM	1	49	22.03	22.00	22.04	22.05	22.02		
10	64QAM	25	0	21.12	21.12	21.29	21.12	21.06	22	3
10	64QAM	25	12	21.05	21.15	20.96	20.94	21.05		
10	64QAM	25	25	20.96	21.05	20.94	21.01	21.00		
10	64QAM	50	0	21.12	21.19	21.26	21.25	21.05		
10	256QAM	1	0	19.10	19.11	19.15	19.13	19.06	20	5
10	256QAM	1	25	19.11	19.10	19.05	19.02	19.03		
10	256QAM	1	49	19.02	19.17	18.93	19.08	19.02		
10	256QAM	25	0	19.00	19.19	19.14	19.16	19.06	20	5
10	256QAM	25	12	19.18	19.05	19.25	19.16	19.07		
10	256QAM	25	25	19.06	19.10	19.12	19.10	19.04		
10	256QAM	50	0	18.93	19.07	18.96	19.12	18.98		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.10	24.16	24.17	24.09	24.06	25	0
5	QPSK	1	12	24.09	24.15	24.10	24.07	24.02		
5	QPSK	1	24	23.99	24.09	24.00	24.09	23.94		
5	QPSK	12	0	23.17	23.14	23.23	23.13	23.06	24	1
5	QPSK	12	7	23.08	23.12	22.97	23.08	23.12		
5	QPSK	12	13	22.96	23.07	23.03	23.06	22.89		
5	QPSK	25	0	23.09	23.09	23.22	23.20	23.10		
5	16QAM	1	0	23.11	23.12	23.10	23.14	23.06	24	1
5	16QAM	1	12	23.15	23.15	23.11	23.08	22.97		
5	16QAM	1	24	22.97	23.04	23.10	23.08	22.98		
5	16QAM	12	0	22.13	22.13	22.10	22.05	22.10	23	2
5	16QAM	12	7	22.10	22.21	22.00	22.10	22.06		
5	16QAM	12	13	22.06	22.12	21.90	22.04	21.99		
5	16QAM	25	0	22.15	22.12	22.23	22.21	22.15		
5	64QAM	1	0	22.08	22.13	22.10	22.21	22.01	23	2
5	64QAM	1	12	22.01	22.13	22.02	22.09	21.99		
5	64QAM	1	24	22.00	22.09	22.07	22.05	22.03		
5	64QAM	12	0	21.19	21.11	21.23	21.06	21.04	22	3
5	64QAM	12	7	21.07	21.11	20.97	20.98	21.16		
5	64QAM	12	13	20.93	21.02	20.96	21.08	20.94		
5	64QAM	25	0	21.06	21.17	21.18	21.20	21.06		
5	256QAM	1	0	19.13	19.12	19.19	19.12	19.10	20	5
5	256QAM	1	12	19.01	19.15	18.99	19.06	19.04		
5	256QAM	1	24	18.95	19.10	18.94	19.13	18.94		
5	256QAM	12	0	19.10	19.12	19.15	19.09	19.12	20	5
5	256QAM	12	7	19.19	19.03	19.26	19.11	19.10		
5	256QAM	12	13	19.09	19.14	19.13	19.04	18.93		
5	256QAM	25	0	19.01	18.97	18.97	19.07	18.99		

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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	26.54	26.51	26.62	26.56	26.50	28	0
20	QPSK	1	49	26.41	26.43	26.51	26.51	26.46		
20	QPSK	1	99	26.45	26.45	26.49	26.43	26.38		
20	QPSK	50	0	25.51	25.52	25.65	25.61	25.45	27	1
20	QPSK	50	24	25.41	25.37	25.46	25.54	25.46		
20	QPSK	50	50	25.45	25.47	25.49	25.42	25.41		
20	QPSK	100	0	25.50	25.50	25.60	25.51	25.50		
20	16QAM	1	0	25.53	25.47	25.57	25.54	25.44	27	1
20	16QAM	1	49	25.46	25.48	25.47	25.49	25.42		
20	16QAM	1	99	25.44	25.47	25.46	25.43	25.34		
20	16QAM	50	0	24.48	24.56	24.69	24.56	24.42	26	2
20	16QAM	50	24	24.37	24.35	24.50	24.53	24.45		
20	16QAM	50	50	24.41	24.46	24.51	24.43	24.45		
20	16QAM	100	0	24.52	24.47	24.60	24.51	24.55		
20	64QAM	1	0	24.54	24.56	24.59	24.51	24.54	26	2
20	64QAM	1	49	24.41	24.48	24.46	24.53	24.46		
20	64QAM	1	99	24.49	24.51	24.43	24.40	24.33		
20	64QAM	50	0	23.54	23.50	23.63	23.55	23.48	25	3
20	64QAM	50	24	23.46	23.33	23.49	23.58	23.43		
20	64QAM	50	50	23.40	23.47	23.49	23.47	23.37		
20	64QAM	100	0	23.45	23.46	23.62	23.51	23.52		
20	256QAM	1	0	21.55	21.52	21.63	21.61	21.51	23	5
20	256QAM	1	49	21.47	21.35	21.51	21.59	21.43		
20	256QAM	1	99	21.48	21.45	21.47	21.40	21.47		
20	256QAM	50	0	21.50	21.49	21.57	21.52	21.47	23	5
20	256QAM	50	24	21.52	21.44	21.60	21.48	21.49		
20	256QAM	50	50	21.46	21.43	21.50	21.51	21.41		
20	256QAM	100	0	21.39	21.42	21.47	21.40	21.37		
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	26.41	26.46	26.48	26.45	26.43	28	0
15	QPSK	1	37	26.36	26.30	26.46	26.44	26.39		
15	QPSK	1	74	26.32	26.35	26.37	26.31	26.35		
15	QPSK	36	0	25.40	25.48	25.60	25.53	25.36	27	1
15	QPSK	36	20	25.35	25.26	25.34	25.52	25.35		
15	QPSK	36	39	25.39	25.36	25.38	25.31	25.30		
15	QPSK	75	0	25.47	25.37	25.58	25.40	25.40		
15	16QAM	1	0	25.45	25.34	25.49	25.50	25.38	27	1
15	16QAM	1	37	25.32	25.45	25.38	25.36	25.34		
15	16QAM	1	74	25.31	25.38	25.42	25.37	25.30		
15	16QAM	36	0	24.39	24.49	24.64	24.52	24.40	26	2
15	16QAM	36	20	24.27	24.28	24.42	24.42	24.35		
15	16QAM	36	39	24.31	24.35	24.46	24.38	24.41		
15	16QAM	75	0	24.47	24.37	24.58	24.37	24.51		
15	64QAM	1	0	24.51	24.51	24.45	24.42	24.51	26	2
15	64QAM	1	37	24.30	24.37	24.39	24.49	24.34		
15	64QAM	1	74	24.37	24.45	24.38	24.31	24.30		
15	64QAM	36	0	23.41	23.45	23.61	23.47	23.35	25	3
15	64QAM	36	20	23.40	23.26	23.40	23.54	23.34		
15	64QAM	36	39	23.28	23.35	23.46	23.36	23.32		
15	64QAM	75	0	23.33	23.37	23.60	23.42	23.40		
15	256QAM	1	0	21.45	21.41	21.50	21.58	21.46	23	5
15	256QAM	1	37	21.37	21.25	21.47	21.46	21.36		
15	256QAM	1	74	21.37	21.34	21.43	21.32	21.44		
15	256QAM	36	0	21.42	21.39	21.52	21.42	21.45	23	5
15	256QAM	36	20	21.42	21.38	21.47	21.35	21.43		
15	256QAM	36	39	21.41	21.36	21.40	21.43	21.31		
15	256QAM	75	0	21.31	21.34	21.41	21.33	21.35		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	26.44	26.38	26.52	26.50	26.40	28	0
10	QPSK	1	25	26.35	26.30	26.37	26.44	26.36		
10	QPSK	1	49	26.37	26.38	26.46	26.30	26.33		
10	QPSK	25	0	25.41	25.46	25.54	25.59	25.39	27	1
10	QPSK	25	12	25.29	25.34	25.41	25.46	25.39		
10	QPSK	25	25	25.35	25.43	25.39	25.30	25.29		
10	QPSK	50	0	25.44	25.38	25.47	25.46	25.37		
10	16QAM	1	0	25.43	25.36	25.52	25.41	25.40	27	1
10	16QAM	1	25	25.39	25.37	25.37	25.44	25.30		
10	16QAM	1	49	25.37	25.37	25.38	25.39	25.22		
10	16QAM	25	0	24.38	24.47	24.60	24.50	24.32	26	2
10	16QAM	25	12	24.24	24.30	24.43	24.41	24.33		
10	16QAM	25	25	24.39	24.33	24.47	24.34	24.32		
10	16QAM	50	0	24.50	24.40	24.54	24.41	24.49		
10	64QAM	1	0	24.47	24.45	24.56	24.44	24.45	26	2
10	64QAM	1	25	24.29	24.38	24.40	24.44	24.44		
10	64QAM	1	49	24.40	24.42	24.32	24.31	24.24		
10	64QAM	25	0	23.51	23.45	23.60	23.51

Band 2 Ant 3

BW [MHz]	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	23.27	23.36	23.30	24	0
20	QPSK	1	49	23.34	23.29	23.18		
20	QPSK	1	99	23.35	23.37	23.17		
20	QPSK	50	0	22.29	22.41	22.32	23	1
20	QPSK	50	24	22.32	22.30	22.12		
20	QPSK	50	50	22.34	22.26	22.24		
20	QPSK	100	0	22.32	22.35	22.25		
20	16QAM	1	0	22.41	22.35	22.28	23	1
20	16QAM	1	49	22.29	22.26	22.25		
20	16QAM	1	99	22.27	22.30	22.31		
20	16QAM	50	0	21.35	21.40	21.29	22	2
20	16QAM	50	24	21.28	21.36	21.26		
20	16QAM	50	50	21.25	21.36	21.18		
20	16QAM	100	0	21.33	21.30	21.24		
20	64QAM	1	0	21.36	21.29	21.23	22	2
20	64QAM	1	49	21.24	21.28	21.25		
20	64QAM	1	99	21.19	21.36	21.15		
20	64QAM	50	0	20.22	20.35	20.39	21	3
20	64QAM	50	24	20.28	20.41	20.15		
20	64QAM	50	50	20.22	20.26	20.16		
20	64QAM	100	0	20.34	20.38	20.24		
20	256QAM	1	0	18.35	18.37	18.30	19	5
20	256QAM	1	49	18.25	18.31	18.16		
20	256QAM	1	99	18.21	18.29	18.20		
20	256QAM	50	0	18.34	18.39	18.25	19	5
20	256QAM	50	24	18.29	18.39	18.19		
20	256QAM	50	50	18.26	18.28	18.25		
20	256QAM	100	0	18.27	18.21	18.28		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.25	23.30	23.29	24	0
15	QPSK	1	37	23.30	23.27	23.13		
15	QPSK	1	74	23.22	23.30	23.05		
15	QPSK	36	0	22.22	22.36	22.26	23	1
15	QPSK	36	20	22.30	22.29	22.06		
15	QPSK	36	39	22.29	22.21	22.17		
15	QPSK	75	0	22.30	22.29	22.21		
15	16QAM	1	0	22.35	22.31	22.20	23	1
15	16QAM	1	37	22.24	22.21	22.16		
15	16QAM	1	74	22.17	22.23	22.19		
15	16QAM	36	0	21.34	21.35	21.28	22	2
15	16QAM	36	20	21.18	21.32	21.21		
15	16QAM	36	39	21.23	21.35	21.09		
15	16QAM	75	0	21.29	21.21	21.17		
15	64QAM	1	0	21.36	21.23	21.23	22	2
15	64QAM	1	37	21.14	21.24	21.25		
15	64QAM	1	74	21.12	21.34	21.14		
15	64QAM	36	0	20.15	20.35	20.28	21	3
15	64QAM	36	20	20.21	20.31	20.10		
15	64QAM	36	39	20.11	20.25	20.07		
15	64QAM	75	0	20.28	20.38	20.18		
15	256QAM	1	0	18.23	18.30	18.22	19	5
15	256QAM	1	37	18.24	18.26	18.14		
15	256QAM	1	74	18.18	18.24	18.11		
15	256QAM	36	0	18.28	18.29	18.25	19	5
15	256QAM	36	20	18.23	18.28	18.19		
15	256QAM	36	39	18.23	18.18	18.14		
15	256QAM	75	0	18.26	18.18	18.19		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.23	23.25	23.29	24	0
10	QPSK	1	25	23.31	23.21	23.10		
10	QPSK	1	49	23.18	23.25	23.07		
10	QPSK	25	0	22.27	22.29	22.28	23	1
10	QPSK	25	12	22.28	22.22	22.10		
10	QPSK	25	25	22.30	22.19	22.18		
10	QPSK	50	0	22.26	22.34	22.25		
10	16QAM	1	0	22.30	22.29	22.20	23	1
10	16QAM	1	25	22.23	22.19	22.22		
10	16QAM	1	49	22.18	22.27	22.27		
10	16QAM	25	0	21.26	21.38	21.21	22	2
10	16QAM	25	12	21.21	21.29	21.20		
10	16QAM	25	25	21.18	21.31	21.12		
10	16QAM	50	0	21.27	21.26	21.22		
10	64QAM	1	0	21.24	21.19	21.21	22	2
10	64QAM	1	25	21.16	21.19	21.14		
10	64QAM	1	49	21.14	21.34	21.11		
10	64QAM	25	0	20.15	20.26	20.27	21	3
10	64QAM	25	12	20.28	20.40	20.13		
10	64QAM	25	25	20.16	20.22	20.04		
10	64QAM	50	0	20.26	20.31	20.24		
10	256QAM	1	0	18.29	18.30	18.23	19	5
10	256QAM	1	25	18.17	18.19	18.06		
10	256QAM	1	49	18.12	18.25	18.19		
10	256QAM	25	0	18.25	18.36	18.23	19	5
10	256QAM	25	12	18.19	18.34	18.09		
10	256QAM	25	25	18.23	18.16	18.24		
10	256QAM	50	0	18.17	18.12	18.25		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.22	23.28	23.19	24	0
5	QPSK	1	12	23.26	23.27	23.08		
5	QPSK	1	24	23.19	23.23	23.13		
5	QPSK	12	0	22.21	22.38	22.29	23	1
5	QPSK	12	7	22.27	22.30	22.03		
5	QPSK	12	13	22.30	22.17	22.15		
5	QPSK	25	0	22.23	22.31	22.15		
5	16QAM	1	0	22.35	22.25	22.25	23	1
5	16QAM	1	12	22.25	22.20	22.22		
5	16QAM	1	24	22.20	22.22	22.22		
5	16QAM	12	0	21.23	21.38	21.28	22	2
5	16QAM	12	7	21.26	21.36	21.18		
5	16QAM	12	13	21.13	21.35	21.12		
5	16QAM	25	0	21.21	21.22	21.13		
5	64QAM	1	0	21.34	21.22	21.19	22	2
5	64QAM	1	12	21.19	21.25	21.13		
5	64QAM	1	24	21.10	21.30	21.05		
5	64QAM	12	0	20.13	20.30	20.29	21	3
5	64QAM	12	7	20.21	20.34	20.07		
5	64QAM	12	13	20.22	20.20	20.11		
5	64QAM	25	0	20.26	20.28	20.13		
5	256QAM	1	0	18.31	18.30	18.22	19	5
5	256QAM	1	12	18.22	18.27	18.16		
5	256QAM	1	24	18.19	18.25	18.14		
5	256QAM	12	0	18.33	18.34	18.18	19	5
5	256QAM	12	7	18.27	18.32	18.09		
5	256QAM	12	13	18.14	18.22	18.21		
5	256QAM	25	0	18.25	18.16	18.18		
Channel				18515	18900	19165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.25	23.35	23.29	24	0
3	QPSK	1	8	23.25	23.21	23.17		
3	QPSK	1	14	23.25	23.27	23.05		
3	QPSK	8	0	22.24	22.31	22.24	23	1
3	QPSK	8	4	22.27	22.23	22.06		
3	QPSK	8	7	22.24	22.16	22.18		
3	QPSK	15	0	22.24	22.26	22.13		
3	16QAM	1	0	22.33	22.28	22.23	23	1
3	16QAM	1	8	22.29	22.16	22.24		
3	16QAM	1	14	22.24	22.20	22.29		
3	16QAM	8	0	21.24	21.40	21.24	22	2
3	16QAM	8	4	21.18	21.36	21.17		
3	16QAM	8	7	21.18	21.29	21.15		
3	16QAM	15	0	21.27	21.27	21.16		
3	64QAM	1	0	21.34	21.25	21.12	22	2
3	64QAM	1	8	21.20	21.27	21.16		
3	64QAM	1	14	21.12	21.35	21.10		
3	64QAM	8	0	20.14	20.25	20.29	21	3
3	64QAM	8	4	20.22	20.29	20.12		
3	64QAM	8	7	20.19	20.15	20.09		
3	64QAM	15	0	20.26	20.37	20.23		
3	256QAM	1	0	18.23	18.33	18.29	19	5
3	256QAM	1	8	18.24	18.19	18.09		
3	256QAM	1	14	18.20	18.28	18.16		
3	256QAM	8	0	18.32	18.31	18.21	19	5
3	256QAM	8	4	18.25	18.37	18.18		
3	256QAM	8	7	18.24	18.16	18.17		
3	256QAM	15	0	18.17	18.21	18.16		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.15	23.35	23.19	24	0
1.4	QPSK	1	3	23.29	23.22	23.16		
1.4	QPSK	1	5	23.16	23.29	23.16		
1.4	QPSK	3	0	23.05	23.28	23.14		
1.4	QPSK	3	1	23.26	23.11	23.04		
1.4	QPSK	3	3	23.13	23.18	23.13		
1.4	QPSK	6	0	22.25	22.32	22.23	23	1
1.4	16QAM	1	0	22.31	22.27	22.25	23	1
1.4	16QAM	1	3	22.20	22.15	22.21		
1.4	16QAM	1	5	22.23	22.29	22.19		
1.4	16QAM	3	0	22.14	22.21	22.18		
1.4	16QAM	3	1	22.31	22.24	22.19		
1.4	16QAM	3	3	22.20	22.09	22.16		
1.4	16QAM	6	0	21.24	21.24	21.22	22	2
1.4	64QAM	1	0	21.25	21.18	21.18	22	2
1.4	64QAM	1	3	21.22	21.26	21.22		
1.4	64QAM	1	5	21.17	21.31	21.10		
1.4	64QAM	3	0	21.21	21.14	21.21		
1.4	64QAM	3	1	21.20	21.08	21.14		
1.4	64QAM	3	3	21.17	21.19	21.12		
1.4	64QAM	6	0	20.32	20.31	20.12	21	3
1.4	256QAM	1	0	18.27	18.32	18.20	19	5
1.4	256QAM	1	3	18.25	18.29	18.10		
1.4	256QAM	1	5	18.16	18.24	18.16		
1.4	256QAM	3	0	18.31	18.31	18.18		
1.4	256QAM	3	1	18.18	18.37	18.17		
1.4	256QAM	3	3	18.21	18.17	18.21		
1.4	256QAM	6	0	18.21	18.14	18.19	19	5

Band 4 Ant 3

BW [MHz]	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	23.07	23.12	23.11	24	0
20	QPSK	1	49	23.01	23.10	23.10		
20	QPSK	1	99	23.06	23.06	23.06		
20	QPSK	50	0	22.03	22.18	22.08	23	1
20	QPSK	50	24	22.04	22.05	22.06		
20	QPSK	50	50	22.05	22.09	22.06		
20	QPSK	100	0	22.04	22.13	22.06		
20	16QAM	1	0	22.13	22.10	22.11	23	1
20	16QAM	1	49	21.99	22.05	22.08		
20	16QAM	1	99	22.05	22.06	22.11		
20	16QAM	50	0	20.99	21.19	21.12	22	2
20	16QAM	50	24	21.01	21.01	21.03		
20	16QAM	50	50	21.02	21.06	21.10		
20	16QAM	100	0	21.10	21.09	21.09		
20	64QAM	1	0	21.12	21.08	21.13	22	2
20	64QAM	1	49	20.99	21.12	21.11		
20	64QAM	1	99	21.06	21.07	21.10		
20	64QAM	50	0	20.04	20.23	20.12	21	3
20	64QAM	50	24	20.07	20.07	20.11		
20	64QAM	50	50	20.05	20.05	20.06		
20	64QAM	100	0	20.00	20.19	20.05		
20	256QAM	1	0	18.09	18.12	18.02	19	5
20	256QAM	1	49	17.98	18.08	18.00		
20	256QAM	1	99	18.02	18.04	18.10		
20	256QAM	50	0	17.99	18.09	18.01	19	5
20	256QAM	50	24	18.09	18.11	18.09		
20	256QAM	50	50	17.94	18.02	18.10		
20	256QAM	100	0	18.03	18.04	18.09		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.95	23.08	23.08	24	0
15	QPSK	1	37	22.94	22.97	22.98		
15	QPSK	1	74	23.02	23.00	22.94		
15	QPSK	36	0	21.90	22.08	22.00	23	1
15	QPSK	36	20	21.93	22.00	21.98		
15	QPSK	36	39	21.95	22.05	22.01		
15	QPSK	75	0	21.91	22.04	22.01		
15	16QAM	1	0	22.09	22.05	21.99	23	1
15	16QAM	1	37	21.91	22.01	22.01		
15	16QAM	1	74	22.00	21.96	22.02		
15	16QAM	36	0	20.89	21.16	21.02	22	2
15	16QAM	36	20	20.95	20.87	20.99		
15	16QAM	36	39	20.93	21.02	21.06		
15	16QAM	75	0	21.07	20.99	20.95		
15	64QAM	1	0	21.09	20.98	21.02	22	2
15	64QAM	1	37	20.93	20.98	20.99		
15	64QAM	1	74	21.00	20.93	21.04		
15	64QAM	36	0	20.00	20.09	20.09	21	3
15	64QAM	36	20	19.97	20.00	20.00		
15	64QAM	36	39	20.03	19.99	19.96		
15	64QAM	75	0	19.96	20.16	19.99		
15	256QAM	1	0	18.06	18.09	17.96	19	5
15	256QAM	1	37	17.91	18.00	17.95		
15	256QAM	1	74	17.93	17.98	17.98		
15	256QAM	36	0	17.89	17.96	17.87	19	5
15	256QAM	36	20	17.95	18.09	18.00		
15	256QAM	36	39	17.85	17.95	18.01		
15	256QAM	75	0	17.91	17.94	17.99		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.95	23.07	23.08	24	0
10	QPSK	1	25	22.88	23.06	23.03		
10	QPSK	1	49	22.96	22.99	22.93		
10	QPSK	25	0	21.95	22.09	21.99	23	1
10	QPSK	25	12	22.02	21.97	22.00		
10	QPSK	25	25	21.93	22.00	22.01		
10	QPSK	50	0	22.01	22.02	21.94		
10	16QAM	1	0	22.03	22.04	22.08	23	1
10	16QAM	1	25	21.94	21.92	21.96		
10	16QAM	1	49	22.01	21.97	22.06		
10	16QAM	25	0	20.96	21.09	21.05	22	2
10	16QAM	25	12	20.95	20.91	20.99		
10	16QAM	25	25	20.92	21.01	20.96		
10	16QAM	50	0	21.07	20.99	21.07		
10	64QAM	1	0	21.03	20.96	21.07	22	2
10	64QAM	1	25	20.92	21.07	21.07		
10	64QAM	1	49	21.01	21.00	21.04		
10	64QAM	25	0	19.98	20.16	19.99	21	3
10	64QAM	25	12	19.98	19.98	20.04		
10	64QAM	25	25	19.98	19.93	19.93		
10	64QAM	50	0	19.92	20.14	19.98		
10	256QAM	1	0	18.06	18.08	17.95	19	5
10	256QAM	1	25	17.84	17.99	17.88		
10	256QAM	1	49	17.91	17.97	17.96		
10	256QAM	25	0	17.87	18.00	17.90	19	5
10	256QAM	25	12	17.95	18.01	18.04		
10	256QAM	25	25	17.90	17.95	18.03		
10	256QAM	50	0	17.97	17.92	18.05		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.98	23.01	23.04	24	0
5	QPSK	1	12	22.93	23.03	22.96		
5	QPSK	1	24	22.95	22.97	23.00		
5	QPSK	12	0	21.93	22.11	22.02	23	1
5	QPSK	12	7	21.96	22.00	21.99		
5	QPSK	12	13	22.01	21.99	22.00		
5	QPSK	25	0	22.01	22.05	21.98		
5	16QAM	1	0	22.09	22.06	21.97	23	1
5	16QAM	1	12	21.90	21.95	21.95		
5	16QAM	1	24	22.00	21.98	22.04		
5	16QAM	12	0	20.93	21.07	21.05	22	2
5	16QAM	12	7	20.97	20.90	20.98		
5	16QAM	12	13	20.95	21.03	21.07		
5	16QAM	25	0	21.07	21.00	21.02		
5	64QAM	1	0	21.05	21.01	21.00	22	2
5	64QAM	1	12	20.87	21.02	21.04		
5	64QAM	1	24	21.04	20.98	20.97		
5	64QAM	12	0	19.95	20.11	20.07	21	3
5	64QAM	12	7	20.02	20.03	20.07		
5	64QAM	12	13	19.96	19.94	19.97		
5	64QAM	25	0	19.88	20.13	20.02		
5	256QAM	1	0	18.03	18.01	17.94	19	5
5	256QAM	1	12	17.90	18.02	17.96		
5	256QAM	1	24	17.89	17.92	18.06		
5	256QAM	12	0	17.96	17.95	17.95	19	5
5	256QAM	12	7	17.97	18.02	18.00		
5	256QAM	12	13	17.86	17.99	18.02		
5	256QAM	25	0	17.95	18.01	18.03		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.99	23.06	23.08	24	0
3	QPSK	1	8	22.94	22.99	22.98		
3	QPSK	1	14	23.01	23.00	23.01		
3	QPSK	8	0	21.91	22.15	22.02	23	1
3	QPSK	8	4	22.01	22.00	21.99		
3	QPSK	8	7	21.92	22.03	21.94		
3	QPSK	15	0	22.01	22.08	21.93		
3	16QAM	1	0	22.06	21.98	22.06	23	1
3	16QAM	1	8	21.97	21.95	21.99		
3	16QAM	1	14	22.00	22.01	22.05		
3	16QAM	8	0	20.94	21.13	21.10	22	2
3	16QAM	8	4	20.98	20.89	20.98		
3	16QAM	8	7	20.99	21.04	20.99		
3	16QAM	15	0	20.98	21.00	20.98		
3	64QAM	1	0	21.00	21.06	20.99	22	2
3	64QAM	1	8	20.86	21.06	21.08		
3	64QAM	1	14	20.95	20.99	21.08		
3	64QAM	8	0	19.98	20.20	20.08	21	3
3	64QAM	8	4	19.98	20.02	20.00		
3	64QAM	8	7	20.00	19.94	19.95		
3	64QAM	15	0	19.92	20.10	20.02		
3	256QAM	1	0	18.01	17.99	17.94	19	5
3	256QAM	1	8	17.91	18.01	17.91		
3	256QAM	1	14	17.99	17.93	18.02		
3	256QAM	8	0	17.94	18.00	17.93	19	5
3	256QAM	8	4	18.00	18.05	18.05		
3	256QAM	8	7	17.80	17.97	18.00		
3	256QAM	15	0	17.95	18.02	18.05		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.96	23.03	23.05	24	0
1.4	QPSK	1	3	22.93	23.06	23.06		
1.4	QPSK	1	5	22.98	23.04	22.94		
1.4	QPSK	3	0	22.91	22.96	22.94		
1.4	QPSK	3	1	22.88	22.97	23.04		
1.4	QPSK	3	3	22.86	22.95	22.81		
1.4	QPSK	6	0	21.91	22.05	21.97	23	1
1.4	16QAM	1	0	22.06	21.96	21.97	23	1
1.4	16QAM	1	3	21.93	21.94	22.06		
1.4	16QAM	1	5	21.96	21.98	22.01		
1.4	16QAM	3	0	21.82	21.99	21.87		
1.4	16QAM	3	1	21.99	21.94	21.93		
1.4	16QAM	3	3	21.79	21.92	21.95		
1.4	16QAM	6	0	21.06	21.05	20.99	22	2
1.4	64QAM	1	0	21.02	20.98	21.06	22	2
1.4	64QAM	1	3	20.92	21.09	21.01		
1.4	64QAM	1	5	21.01	20.98	21.06		
1.4	64QAM	3	0	21.02	20.99	20.88		
1.4	64QAM	3	1	20.99	20.96	20.93		
1.4	64QAM	3	3	20.88	21.02	20.89		
1.4	64QAM	6	0	19.93	20.10	19.91	21	3
1.4	256QAM	1	0	18.06	18.07	18.00	19	5
1.4	256QAM	1	3	17.89	17.95	17.86		
1.4	256QAM	1	5	17.91	17.90	18.03		
1.4	256QAM	3	0	17.90	17.98	17.91		
1.4	256QAM	3	1	18.06	18.04	18.06		
1.4	256QAM	3	3	17.90	17.94	18.04		
1.4	256QAM	6	0	17.95	17.97	18.05	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.07	24.17	24.11	25	0
20	QPSK	1	49	24.02	24.09	24.00		
20	QPSK	1	99	24.01	24.04	24.06		
20	QPSK	50	0	23.07	23.19	23.12	24	1
20	QPSK	50	24	22.98	23.12	22.97		
20	QPSK	50	50	23.00	23.04	23.00		
20	QPSK	100	0	23.04	23.13	23.11		
20	16QAM	1	0	23.12	23.12	23.09	24	1
20	16QAM	1	49	23.02	23.05	23.06		
20	16QAM	1	99	23.06	23.01	23.04		
20	16QAM	50	0	22.07	22.21	22.10	23	2
20	16QAM	50	24	22.01	22.13	21.91		
20	16QAM	50	50	21.95	22.06	21.94		
20	16QAM	100	0	22.04	22.07	22.14		
20	64QAM	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26599		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.38	23.43	23.35		
20	QPSK	1	49	23.34	23.36	23.25	24	0
20	QPSK	1	99	23.29	23.35	23.28		
20	QPSK	50	0	22.39	22.45	22.39		
20	QPSK	50	24	22.32	22.41	22.24	23	1
20	QPSK	50	50	22.34	22.35	22.27		
20	QPSK	100	0	22.38	22.41	22.31		
20	16QAM	1	0	22.41	22.47	22.30		
20	16QAM	1	49	22.36	22.34	22.29	23	1
20	16QAM	1	99	22.31	22.32	22.33		
20	16QAM	50	0	21.40	21.44	21.41		
20	16QAM	50	24	21.31	21.47	21.28	22	2
20	16QAM	50	50	21.28	21.41	21.26		
20	16QAM	100	0	21.43	21.37	21.30		
20	64QAM	1	0	21.43	21.37	21.32		
20	64QAM	1	49	21.35	21.35	21.26	22	2
20	64QAM	1	99	21.25	21.38	21.27		
20	64QAM	50	0	20.34	20.43	20.43		
20	64QAM	50	24	20.32	20.42	20.24	21	3
20	64QAM	50	50	20.33	20.31	20.25		
20	64QAM	100	0	20.35	20.42	20.32		
20	256QAM	1	0	18.43	18.49	18.42		
20	256QAM	1	49	18.29	18.39	18.20	19	5
20	256QAM	1	99	18.32	18.37	18.26		
20	256QAM	50	0	18.42	18.45	18.33		
20	256QAM	50	24	18.39	18.46	18.26	19	5
20	256QAM	50	50	18.37	18.31	18.32		
20	256QAM	100	0	18.35	18.33	18.37		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.35	23.36	23.26		
15	QPSK	1	37	23.23	23.29	23.13	24	0
15	QPSK	1	74	23.26	23.32	23.24		
15	QPSK	36	0	22.30	22.42	22.36		
15	QPSK	36	20	22.28	22.29	22.19	23	1
15	QPSK	36	39	22.23	22.26	22.25		
15	QPSK	75	0	22.34	22.28	22.19		
15	16QAM	1	0	22.36	22.34	22.19		
15	16QAM	1	37	22.32	22.32	22.23	23	1
15	16QAM	1	74	22.21	22.25	22.28		
15	16QAM	36	0	21.30	21.35	21.32		
15	16QAM	36	20	21.27	21.39	21.26	22	2
15	16QAM	36	39	21.15	21.32	21.18		
15	16QAM	75	0	21.35	21.33	21.16		
15	64QAM	1	0	21.33	21.31	21.24		
15	64QAM	1	37	21.29	21.24	21.21	22	2
15	64QAM	1	74	21.22	21.26	21.18		
15	64QAM	36	0	20.30	20.36	20.35		
15	64QAM	36	20	20.24	20.33	20.11	21	3
15	64QAM	36	39	20.26	20.21	20.17		
15	64QAM	75	0	20.23	20.30	20.19		
15	256QAM	1	0	18.29	18.43	18.35		
15	256QAM	1	37	18.26	18.34	18.15	19	5
15	256QAM	1	74	18.29	18.33	18.19		
15	256QAM	36	0	18.37	18.31	18.24		
15	256QAM	36	20	18.34	18.34	18.24	19	5
15	256QAM	36	39	18.26	18.24	18.22		
15	256QAM	75	0	18.30	18.24	18.33		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.32	23.34	23.27		
10	QPSK	1	25	23.31	23.22	23.14	24	0
10	QPSK	1	49	23.26	23.23	23.15		
10	QPSK	25	0	22.33	22.42	22.30		
10	QPSK	25	12	22.22	22.35	22.12	23	1
10	QPSK	25	25	22.21	22.23	22.17		
10	QPSK	50	0	22.28	22.31	22.29		
10	16QAM	1	0	22.33	22.44	22.16		
10	16QAM	1	25	22.32	22.28	22.26	23	1
10	16QAM	1	49	22.28	22.22	22.23		
10	16QAM	25	0	21.34	21.41	21.35		
10	16QAM	25	12	21.24	21.37	21.24	22	2
10	16QAM	25	25	21.25	21.28	21.14		
10	16QAM	50	0	21.32	21.31	21.21		
10	64QAM	1	0	21.39	21.27	21.26		
10	64QAM	1	25	21.29	21.33	21.23	22	2
10	64QAM	1	49	21.15	21.34	21.19		
10	64QAM	25	0	20.25	20.30	20.40		
10	64QAM	25	12	20.27	20.29	20.16	21	3
10	64QAM	25	25	20.19	20.17	20.18		
10	64QAM	50	0	20.26	20.32	20.29		
10	256QAM	1	0	18.40	18.36	18.40		
10	256QAM	1	25	18.23	18.29	18.17	19	5
10	256QAM	1	49	18.27	18.33	18.13		
10	256QAM	25	0	18.38	18.40	18.19		
10	256QAM	25	12	18.26	18.34	18.18	19	5
10	256QAM	25	25	18.24	18.27	18.22		
10	256QAM	50	0	18.23	18.22	18.33		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.34	23.39	23.32		
5	QPSK	1	12	23.22	23.29	23.12	24	0
5	QPSK	1	24	23.18	23.26	23.16		
5	QPSK	12	0	22.33	22.33	22.29		
5	QPSK	12	7	22.22	22.29	22.11	23	1
5	QPSK	12	13	22.22	22.25	22.19		
5	QPSK	25	0	22.35	22.38	22.20		
5	16QAM	1	0	22.39	22.39	22.23		
5	16QAM	1	12	22.33	22.24	22.16	23	1
5	16QAM	1	24	22.23	22.24	22.30		
5	16QAM	12	0	21.33	21.38	21.27		
5	16QAM	12	7	21.28	21.39	21.24	22	2
5	16QAM	12	13	21.23	21.33	21.14		
5	16QAM	25	0	21.39	21.33	21.20		
5	64QAM	1	0	21.35	21.24	21.21		
5	64QAM	1	12	21.23	21.30	21.19	22	2
5	64QAM	1	24	21.16	21.34	21.20		
5	64QAM	12	0	20.29	20.40	20.33		
5	64QAM	12	7	20.28	20.36	20.13	21	3
5	64QAM	12	13	20.29	20.18	20.22		
5	64QAM	25	0	20.32	20.37	20.21		
5	256QAM	1	0	18.29	18.46	18.40		
5	256QAM	1	12	18.15	18.32	18.12	19	5
5	256QAM	1	24	18.27	18.34	18.14		
5	256QAM	12	0	18.40	18.42	18.23		
5	256QAM	12	7	18.27	18.42	18.15	19	5
5	256QAM	12	13	18.35	18.24	18.22		
5	256QAM	25	0	18.23	18.24	18.32		
Channel				26025	26340	26715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.30	23.30	23.24		
3	QPSK	1	8	23.29	23.31	23.16	24	0
3	QPSK	1	14	23.22	23.24	23.21		
3	QPSK	8	0	22.35	22.41	22.29		
3	QPSK	8	4	22.28	22.30	22.11	23	1
3	QPSK	8	7	22.21	22.24	22.16		
3	QPSK	15	0	22.31	22.27	22.28		
3	16QAM	1	0	22.38	22.41	22.24		
3	16QAM	1	8	22.31	22.25	22.19	23	1
3	16QAM	1	14	22.22	22.23	22.25		
3	16QAM	8	0	21.29	21.38	21.33		
3	16QAM	8	4	21.24	21.43	21.21	22	2
3	16QAM	8	7	21.18	21.32	21.12		
3	16QAM	15	0	21.34	21.34	21.27		
3	64QAM	1	0	21.35	21.35	21.22		
3	64QAM	1	8	21.33	21.26	21.17	22	2
3	64QAM	1	14	21.14	21.35	21.20		
3	64QAM	8	0	20.24	20.37	20.34		
3	64QAM	8	4	20.27	20.35	20.11	21	3
3	64QAM	8	7	20.21	20.26	20.12		
3	64QAM	15	0	20.27	20.33	20.21		
3	256QAM	1	0	18.33	18.47	18.32		
3	256QAM	1	8	18.26	18.28	18.10	19	5
3	256QAM	1	14	18.28	18.24	18.22		
3	256QAM	8	0	18.38	18.40	18.30		
3	256QAM	8	4	18.28	18.36	18.24	19	5
3	256QAM	8	7	18.23	18.28	18.24		
3	256QAM	15	0	18.26	18.28	18.27		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.30	23.40	23.24		
1.4	QPSK	1	3	23.24	23.22	23.13		
1.4	QPSK	1	5	23.20	23.26	23.21	24	0
1.4	QPSK	3	0	23.21	23.30	23.17		
1.4	QPSK	3	1	23.19	23.16	23.01		
1.4	QPSK	3	3	23.10	23.15	23.16		
1.4	QPSK	6	0	22.32	22.31	22.23	23	1
1.4	16QAM	1	0	22.32	22.38	22.24		
1.4	16QAM	1	3	22.26	22.20	22.23		
1.4	16QAM	1	5	22.22	22.21	22.24	23	1
1.4	16QAM	3	0	22.18	22.23	22.18		
1.4	16QAM	3	1	22.26	22.27	22.21		
1.4	16QAM	3	3	22.19	22.14	22.19		
1.4	16QAM	6	0	21.39	21.33	21.21	22	2
1.4	64QAM	1	0	21.29	21.24	21.23		
1.4	64QAM	1	3	21.30	21.23	21.29		
1.4	64QAM	1	5	21.12	21.30	21.21	22	2
1.4	64QAM	3	0	21.37	21.26	21.18		
1.4	64QAM	3	1	21.24	21.21	21.09		
1.4	64QAM	3	3	21.22	21.18	21.06		
1.4	64QAM	6	0	20.27	20.40	20.29	21	3
1.4	256QAM	1	0	18.36	18.44	18.29		
1.4	256QAM	1	3	18.25	18.27	18.07		
1.4	256QAM	1	5	18.21	18.33	18.23	19	5
1.4	256QAM	3	0	18.29	18.41	18.20		
1.4	256QAM	3	1	18.36	18.43	18.21		
1.4	256QAM	3	3	18.25	18.27	18.24		
1.4	256QAM	6	0	18.25	18.23	18.33	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.95			
10	QPSK	1	25		22.90		24	0
10	QPSK	1	49		22.87			
10	QPSK	25	0		21.97			
10	QPSK	25	12		21.89		23	1
10	QPSK	25	25		21.86			
10	QPSK	50	0		21.95			
10	16QAM	1	0		21.93			
10	16QAM	1	25		21.96		23	1
10	16QAM	1	49		21.83			
10	16QAM	25	0		20.97			
10	16QAM	25	12		20.87		22	2
10	16QAM	25	25		20.82			
10	16QAM	50	0		20.98			
10	64QAM	1	0		20.91			
10	64QAM	1	25		20.87		22	2
10	64QAM	1	49		20.88			
10	64QAM	25	0		19.99			
10	64QAM	25	12		19.84		21	3
10	64QAM	25	25		19.92			
10	64QAM	50	0		20.00			
10	256QAM	1	0		17.94			
10	256QAM	1	25		17.93		19	5
10	256QAM	1	49		17.90			
10	256QAM	25	0		17.98			
10	256QAM	25	12		17.98		19	5
10	256QAM	25	25		17.91			
10	256QAM	50	0		17.84			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.84	22.90	22.88		
5	QPSK	1	12	22.85	22.80	22.84	24	0
5	QPSK	1	24	22.77	22.76	22.80		
5	QPSK	12	0	21.86	21.85	21.95		
5	QPSK	12	7	21.76	21.76	21.85	23	1
5	QPSK	12	13	21.75	21.76	21.83		
5	QPSK	25	0	21.87	21.92	21.88		
5	16QAM	1	0	21.85	21.80	21.82		
5	16QAM	1	12	21.91	21.84	21.83	23	1
5	16QAM	1	24	21.74	21.70	21.80		
5	16QAM	12	0	20.92	20.89	20.93		
5	16QAM	12	7	20.83	20.75	20.75	22	2
5	16QAM	12	13	20.75	20.71	20.74		
5	16QAM	25	0	20.86	20.85	20.88		
5	64QAM	1	0	20.86	20.81	20.79		
5	64QAM	1	12	20.75	20.78	20.73	22	2
5	64QAM	1	24	20.83	20.84	20.78		
5	64QAM	12	0	19.88	19.94	19.93		
5	64QAM	12	7	19.75	19.77	19.75	21	3
5	64QAM	12	13	19.89	19.83	19.86		
5	64QAM	25	0	19.86	19.92	19.96		
5	256QAM	1	0	17.88	17.90	17.84		
5	256QAM	1	12	17.84	17.87	17.88	19	5
5	256QAM	1	24	17.78	17.86	17.77		
5	256QAM	12	0	17.90	17.86	17.92		
5	256QAM	12	7	17.89	17.93	17.86	19	5
5	256QAM	12	13	17.88	17.86	17.80		
5	256QAM	25	0	17.82	17.78	17.81		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.18	23.27	23.21		
20	QPSK	1	49	23.09	23.23	23.10	24	0
20	QPSK	1	99	23.07	23.16	23.18		
20	QPSK	50	0	22.14	22.28	22.17		
20	QPSK	50	24	22.09	22.26	22.08	23	1
20	QPSK	50	50	22.08	22.16	22.24		
20	QPSK	100	0	22.14	22.26	22.19		
20	16QAM	1	0	22.20	22.25	22.19		
20	16QAM	1	49	22.07	22.25	22.16	23	1
20	16QAM	1	99	22.08	22.21	22.19		
20	16QAM	50	0	21.13	21.32	21.11		
20	16QAM	50	24	21.15	21.28	21.03	22	2
20	16QAM	50	50	21.04	21.15	21.18		
20	16QAM	100	0	21.18	21.23	21.18		
20	64QAM	1	0	21.20	21.28	21.19		
20	64QAM	1	49	21.09	21.19	21.15	22	2
20	64QAM	1	99	21.12	21.20	21.16		
20	64QAM	50	0	20.11	20.28	20.14		
20	64QAM	50	24	20.04	20.25	20.11	21	3
20	64QAM	50	50	20.10	20.20	20.20		
20	64QAM	100	0	20.16	20.26	20.15		
20	256QAM	1	0	18.11	18.32	18.21		
20	256QAM	1	49	18.06	18.23	18.05	19	5
20	256QAM	1	99	18.12	18.20	18.24		
20	256QAM	50	0	18.11	18.27	18.21		
20	256QAM	50	24	18.21	18.24	18.16	19	5
20	256QAM	50	50	18.12	18.31	18.14		
20	256QAM	100	0	18.07	18.19	18.23		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.15	23.25	23.15		
15	QPSK	1	37	23.04	23.21	23.00	24	0
15	QPSK	1	74	23.04	23.04	23.15		
15	QPSK	36	0	22.06	22.26	22.06		
15	QPSK	36	20	21.99	22.22	22.05	23	1
15	QPSK	36	39	22.05	22.07	22.20		
15	QPSK	75	0	22.09	22.18	22.06		
15	16QAM	1	0	22.09	22.19	22.14		
15	16QAM	1	37	21.99	22.11	22.02	23	1
15	16QAM	1	74	22.00	22.16	22.08		
15	16QAM	36	0	21.09	21.23	21.01		
15	16QAM	36	20	21.07	21.23	20.98	22	2
15	16QAM	36	39	20.96	21.06	21.10		
15	16QAM	75	0	21.13	21.12	21.08		
15	64QAM	1	0	21.12	21.23	21.09		
15	64QAM	1	37	20.96	21.14	21.10	22	2
15	64QAM	1	74	21.08	21.08	21.05		
15	64QAM	36	0	20.08	20.23	20.05		
15	64QAM	36	20	20.12	20.04	19.96	21	3
15	64QAM	36	39	19.97	20.17	20.16		
15	64QAM	75	0	20.08	20.20	20.09		
15	256QAM	1	0	18.02	18.18	18.08		
15	256QAM	1	37	17.92	18.19	17.94	19	5
15	256QAM	1	74	18.08	18.12	18.11		
15	256QAM	36	0	18.03	18.23	18.14		
15	256QAM	36	20	18.13	18.19	18.10	19	5
15	256QAM	36	39	18.06	18.20	18.04		
15	256QAM	75	0	17.98	18.16	18.12		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.12	23.24	23.15		
10	QPSK	1	25	23.00	23.14	23.04	24	0
10	QPSK	1	49	22.95	23.06	23.07		
10	QPSK	25	0	22.02	22.24	22.07		
10	QPSK	25	12	21.95	22.16	22.02	23	1
10	QPSK	25	25	21.99	22.12	22.22		
10	QPSK	50	0	22.09	22.13	22.12		
10	16QAM	1	0	22.09	22.17	22.09		
10	16QAM	1	25	21.95	22.18	22.04	23	1
10	16QAM	1	49	21.99	22.16	22.17		
10	16QAM	25	0	21.03	21.25	21.01		
10	16QAM	25	12	21.11	21.23	20.91	22	2
10	16QAM	25	25	20.93	21.04	21.14		
10	16QAM	50	0	21.08	21.18	21.14		
10	64QAM	1	0	21.15	21.18	21.15		
10	64QAM	1	25	20.96	21.12	21.03	22	2
10	64QAM	1	49	21.06	21.17	21.13		
10	64QAM	25	0	20.06	20.15	20.12		
10	64QAM	25	12	19.99	20.22	20.00	21	3
10	64QAM	25	25	19.98	20.09	20.11		
10	64QAM	50	0	20.05	20.18	20.06		
10	256QAM	1	0	18.01	18.20	18.13		
10	256QAM	1	25	17.97	18.16	17.95	19	5
10	256QAM	1	49	18.05	18.11	18.21		
10	256QAM	25	0	18.08	18.19	18.14		
10	256QAM	25	12	18.15	18.20	18.11	19	5
10	256QAM	25	25	18.07	18.25	18.09		
10	256QAM	50	0	18.02	18.16	18.15		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.12	23.16	23.09		
5	QPSK	1	12	23.04	23.10	22.98	24	0
5	QPSK	1	24	22.98	23.03	23.07		
5	QPSK	12	0	22.04	22.16	22.12		
5	QPSK	12	7	22.03	22.20	21.96	23	1
5	QPSK	12	13	22.03	22.12	22.19		
5	QPSK	25	0	22.05	22.12	22.09		
5	16QAM	1	0	22.07	22.17	22.11		
5	16QAM	1	12	21.95	22.12	22.02	23	1
5	16QAM	1	24	21.96	22.09	22.14		
5	16QAM	12	0	20.99	21.27	21.03		
5	16QAM	12	7	21.07	21.15	20.90	22	2
5	16QAM	12	13	20.92	21.13	21.10		
5	16QAM	25	0	21.09	21.10	21.16		
5	64QAM	1	0	21.15	21.20	21.15		
5	64QAM	1	12	21.00	21.14	21.03	22	2
5	64QAM	1	24	21.04	21.10	21.08		
5	64QAM	12	0	19.98	20.26	20.06		
5	64QAM	12	7	20.00	20.15	20.08	21	3
5	64QAM	12	13	19.98	20.12	20.06		
5	64QAM	25	0	20.07	20.16	20.01		
5	256QAM	1	0	18.08	18.20	18.15		
5	256QAM	1	12	18.03	18.11	17.92	19	5
5	256QAM	1	24	18.02	18.12	18.22		
5	256QAM	12	0	17.98	18.14	18.18		
5	256QAM	12	7	18.18	18.22	18.07	19	5
5	256QAM	12	13	18.02	18.21	18.09		
5	256QAM	25	0	17.95	18.13	18.12		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.11	23.18	23.15		
3	QPSK	1	8	23.05	23.10	23.04	24	0
3	QPSK	1	14	23.02	23.03	23.11		
3	QPSK	8	0	22.07	22.19	22.03		
3	QPSK	8	4	22.01	22.15	22.06	23	1
3	QPSK	8	7	21.98	22.10	22.12		
3	QPSK	15	0	22.09	22.19	22.10		
3	16QAM	1	0	22.16	22.13	22.17		
3	16QAM	1	8	21.96	22.16	22.04	23	1
3	16QAM	1	14	21.96	22.17	22.16		
3	16QAM	8	0	21.05	21.20	20.99		
3	16QAM	8	4	21.02	21.22	20.91	22	2
3	16QAM	8	7	20.98	21.11	21.06		
3	16QAM	15	0	21.11	21.10	21.15		
3	64QAM	1	0	21.08	21.21	21.07		
3	64QAM	1	8	20.97	21.09	21.12	22	2
3	64QAM	1	14	20.99	21.07	21.13		
3	64QAM	8	0	20.06	20.24	20.02		
3	64QAM	8	4	20.01	20.13	19.99	21	3
3	64QAM	8	7	20.06	20.07	20.16		
3	64QAM	15	0	20.05	20.12	20.09		
3	256QAM	1	0	17.97	18.21	18.14		
3	256QAM	1	8	17.93	18.12	17.95	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	23.02	23.05	22.92	24	0
20	QPSK	1	49	22.88	22.88	22.88		
20	QPSK	1	99	22.88	22.87	22.88		
20	QPSK	50	0	21.90	22.05	21.86	23	1
20	QPSK	50	24	21.92	21.97	21.78		
20	QPSK	50	50	21.86	21.93	21.85		
20	QPSK	100	0	21.93	21.99	21.92		
20	16QAM	1	0	21.98	22.04	21.97	23	1
20	16QAM	1	49	21.94	21.94	21.83		
20	16QAM	1	99	21.95	22.01	21.79		
20	16QAM	50	0	20.90	20.95	20.94	22	2
20	16QAM	50	24	20.86	21.02	20.74		
20	16QAM	50	50	20.82	20.94	20.80		
20	16QAM	100	0	20.98	21.00	21.00		
20	64QAM	1	0	20.94	21.03	20.90	22	2
20	64QAM	1	49	20.84	20.98	20.75		
20	64QAM	1	99	20.89	20.99	20.86		
20	64QAM	50	0	19.94	20.08	19.85	21	3
20	64QAM	50	24	19.97	19.99	19.83		
20	64QAM	50	50	19.92	19.87	19.77		
20	64QAM	100	0	19.99	19.90	19.85		
20	256QAM	1	0	17.93	18.01	17.91	19	5
20	256QAM	1	49	17.90	17.93	17.85		
20	256QAM	1	99	17.91	18.02	17.86		
20	256QAM	50	0	17.92	17.89	17.88	19	5
20	256QAM	50	24	17.87	18.06	18.02		
20	256QAM	50	50	17.86	18.00	17.84		
20	256QAM	100	0	17.91	18.01	17.80		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.96	22.97	22.87	24	0
15	QPSK	1	37	22.82	22.84	22.87		
15	QPSK	1	74	22.84	22.84	22.86		
15	QPSK	36	0	21.89	21.95	21.82	23	1
15	QPSK	36	20	21.88	21.89	21.77		
15	QPSK	36	39	21.76	21.86	21.77		
15	QPSK	75	0	21.90	21.90	21.82		
15	16QAM	1	0	21.88	21.97	21.87	23	1
15	16QAM	1	37	21.89	21.91	21.75		
15	16QAM	1	74	21.89	21.92	21.73		
15	16QAM	36	0	20.80	20.89	20.94	22	2
15	16QAM	36	20	20.85	20.97	20.68		
15	16QAM	36	39	20.76	20.87	20.75		
15	16QAM	75	0	20.93	20.96	21.00		
15	64QAM	1	0	20.87	20.96	20.79	22	2
15	64QAM	1	37	20.78	20.88	20.65		
15	64QAM	1	74	20.83	20.97	20.78		
15	64QAM	36	0	19.85	20.01	19.80	21	3
15	64QAM	36	20	19.91	19.96	19.73		
15	64QAM	36	39	19.81	19.79	19.72		
15	64QAM	75	0	19.95	19.81	19.85		
15	256QAM	1	0	17.88	17.95	17.82	19	5
15	256QAM	1	37	17.80	17.82	17.80		
15	256QAM	1	74	17.82	17.92	17.81		
15	256QAM	36	0	17.84	17.82	17.83	19	5
15	256QAM	36	20	17.86	17.96	18.01		
15	256QAM	36	39	17.76	17.95	17.75		
15	256QAM	75	0	17.90	17.96	17.77		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.99	23.01	22.81	24	0
10	QPSK	1	25	22.87	22.79	22.85		
10	QPSK	1	49	22.87	22.85	22.87		
10	QPSK	25	0	21.82	22.04	21.85	23	1
10	QPSK	25	12	21.83	21.87	21.68		
10	QPSK	25	25	21.76	21.93	21.74		
10	QPSK	50	0	21.87	21.96	21.80		
10	16QAM	1	0	21.96	22.03	21.88	23	1
10	16QAM	1	25	21.84	21.88	21.77		
10	16QAM	1	49	21.84	21.93	21.72		
10	16QAM	25	0	20.78	20.86	20.85	22	2
10	16QAM	25	12	20.79	20.95	20.68		
10	16QAM	25	25	20.75	20.83	20.72		
10	16QAM	50	0	20.89	20.93	20.90		
10	64QAM	1	0	20.82	21.03	20.88	22	2
10	64QAM	1	25	20.78	20.97	20.65		
10	64QAM	1	49	20.84	20.98	20.77		
10	64QAM	25	0	19.91	19.99	19.74	21	3
10	64QAM	25	12	19.95	19.93	19.75		
10	64QAM	25	25	19.90	19.87	19.72		
10	64QAM	50	0	19.88	19.80	19.77		
10	256QAM	1	0	17.81	17.91	17.87	19	5
10	256QAM	1	25	17.86	17.81	17.84		
10	256QAM	1	49	17.79	17.93	17.83		
10	256QAM	25	0	17.84	17.87	17.77	19	5
10	256QAM	25	12	17.79	18.05	17.95		
10	256QAM	25	25	17.78	17.93	17.80		
10	256QAM	50	0	17.90	17.96	17.73		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.90	22.96	22.89	24	0
5	QPSK	1	12	22.81	22.85	22.81		
5	QPSK	1	24	22.76	22.76	22.83		
5	QPSK	12	0	21.85	21.97	21.79	23	1
5	QPSK	12	7	21.89	21.94	21.77		
5	QPSK	12	13	21.80	21.83	21.80		
5	QPSK	25	0	21.93	21.94	21.87		
5	16QAM	1	0	21.98	21.97	21.92	23	1
5	16QAM	1	12	21.92	21.85	21.82		
5	16QAM	1	24	21.86	22.00	21.68		
5	16QAM	12	0	20.90	20.88	20.93	22	2
5	16QAM	12	7	20.82	20.94	20.64		
5	16QAM	12	13	20.73	20.87	20.74		
5	16QAM	25	0	20.87	20.98	20.93		
5	64QAM	1	0	20.90	20.96	20.79	22	2
5	64QAM	1	12	20.74	20.95	20.67		
5	64QAM	1	24	20.86	20.92	20.81		
5	64QAM	12	0	19.84	20.05	19.80	21	3
5	64QAM	12	7	19.94	19.98	19.79		
5	64QAM	12	13	19.87	19.86	19.67		
5	64QAM	25	0	19.92	19.89	19.85		
5	256QAM	1	0	17.87	17.91	17.84	19	5
5	256QAM	1	12	17.89	17.85	17.82		
5	256QAM	1	24	17.82	17.94	17.86		
5	256QAM	12	0	17.82	17.88	17.81	19	5
5	256QAM	12	7	17.77	18.00	17.94		
5	256QAM	12	13	17.84	17.99	17.82		
5	256QAM	25	0	17.80	17.98	17.75		

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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	22.93	23.04	23.11	22.98	22.95	24	0
20	QPSK	1	49	22.89	22.96	23.00	22.91	22.89		
20	QPSK	1	99	22.84	22.93	22.99	22.89	22.85		
20	QPSK	50	0	21.89	22.01	22.07	21.98	21.98	23	1
20	QPSK	50	24	21.85	21.95	22.01	21.85	21.84		
20	QPSK	50	50	21.84	21.92	22.00	21.85	21.84		
20	QPSK	100	0	21.91	21.99	22.05	21.99	22.00		
20	16QAM	1	0	21.98	22.02	22.06	21.99	21.96	23	1
20	16QAM	1	49	21.89	22.00	21.99	21.94	21.84		
20	16QAM	1	99	21.89	21.97	22.03	21.86	21.80		
20	16QAM	50	0	20.92	20.99	21.06	20.98	20.95	22	2
20	16QAM	50	24	20.83	20.89	21.03	20.82	20.81		
20	16QAM	50	50	20.82	20.91	20.98	20.84	20.88		
20	16QAM	100	0	20.87	21.05	21.11	21.02	21.01		
20	64QAM	1	0	20.95	20.99	21.09	20.93	20.96	22	2
20	64QAM	1	49	20.90	20.90	21.01	20.87	20.88		
20	64QAM	1	99	20.87	20.93	21.05	20.89	20.86		
20	64QAM	50	0	19.92	20.05	20.11	19.92	19.99	21	3
20	64QAM	50	24	19.91	19.99	20.07	19.88	19.84		
20	64QAM	50	50	19.80	19.96	19.99	19.80	19.79		
20	64QAM	100	0	19.92	20.02	20.00	19.94	19.99		
20	256QAM	1	0	17.88	17.97	18.06	17.93	17.93	19	5
20	256QAM	1	49	17.80	17.91	17.99	17.86	17.85		
20	256QAM	1	99	17.89	17.94	18.02	17.90	17.80		
20	256QAM	50	0	17.93	17.98	17.99	17.94	17.96	19	5
20	256QAM	50	24	17.97	17.98	18.06	18.02	17.96		
20	256QAM	50	50	17.85	17.98	18.01	17.90	17.86		
20	256QAM	100	0	17.94	18.02	18.05	17.82	17.81		
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	22.89	23.01	23.03	22.87	22.93	24	0
15	QPSK	1	37	22.76	22.89	22.89	22.87	22.84		
15	QPSK	1	74	22.79	22.85	22.94	22.81	22.78		
15	QPSK	36	0	21.78	21.99	21.95	21.96	21.95	23	1
15	QPSK	36	20	21.71	21.92	21.91	21.76	21.75		
15	QPSK	36	39	21.72	21.90	21.94	21.73	21.74		
15	QPSK	75	0	21.88	21.96	21.98	21.88	21.92		
15	16QAM	1	0	21.90	22.00	22.01	21.89	21.84	23	1
15	16QAM	1	37	21.78	21.96	21.89	21.81	21.72		
15	16QAM	1	74	21.82	21.92	21.93	21.73	21.69		
15	16QAM	36	0	20.88	20.87	20.94	20.85	20.84	22	2
15	16QAM	36	20	20.76	20.86	20.94	20.68	20.71		
15	16QAM	36	39	20.68	20.80	20.89	20.72	20.84		
15	16QAM	75	0	20.73	20.97	21.04	20.93	20.92		
15	64QAM	1	0	20.84	20.97	20.97	20.90	20.85	22	2
15	64QAM	1	37	20.79	20.84	20.93	20.84	20.75		
15	64QAM	1	74	20.78	20.90	20.92	20.81	20.76		
15	64QAM	36	0	19.89	20.01	20.02	19.83	19.87	21	3
15	64QAM	36	20	19.79	19.94	20.01	19.82	19.77		
15	64QAM	36	39	19.70	19.84	19.94	19.77	19.73		
15	64QAM	75	0	19.82	19.91	19.96	19.81	19.91		
15	256QAM	1	0	17.80	17.87	17.97	17.83	17.91	19	5
15	256QAM	1	37	17.67	17.87	17.93	17.75	17.75		
15	256QAM	1	74	17.78	17.82	17.99	17.84	17.67		
15	256QAM	36	0	17.84	17.90	17.89	17.91	17.91	19	5
15	256QAM	36	20	17.89	17.91	17.92	17.93	17.94		
15	256QAM	36	39	17.72	17.85	17.95	17.82	17.72		
15	256QAM	75	0	17.89	17.97	17.96	17.79	17.69		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.88	22.94	23.06	22.94	22.88	24	0
10	QPSK	1	25	22.87	22.94	22.91	22.88	22.84		
10	QPSK	1	49	22.71	22.91	22.89	22.77	22.79		
10	QPSK	25	0	21.79	21.96	22.00	21.86	21.84	23	1
10	QPSK	25	12	21.78	21.90	21.88	21.71	21.70		
10	QPSK	25	25	21.78	21.88	21.93	21.75	21.72		
10	QPSK	50	0	21.84	21.93	22.02	21.95	21.92		
10	16QAM	1	0	21.93	21.94	22.04	21.97	21.85	23	1
10	16QAM	1	25	21.87	21.96	21.96	21.87	21.72		
10	16QAM	1	49	21.76	21.88	21.92	21.76	21.69		
10	16QAM	25	0	20.90	20.94	21.00	20.88	20.84	22	2
10	16QAM	25	12	20.72	20.79	21.00	20.72	20.71		
10	16QAM	25	25	20.70	20.78	20.92	20.73	20.81		
10	16QAM	50	0	20.78	20.93	21.07	20.89	20.90		
10	64QAM	1	0	20.91	20.95	21.05	20.84	20.92	22	2
10	64QAM	1	25	20.83	20.78	20.92	20.84	20.81		
10	64QAM	1	49	20.73	20.81	20.98	20.85	20.79		
10	64QAM	25	0	19.81	19.97	20.04	19.81	19.95	21	3
10	64QAM	25	12	19.84	19.85	19.94	19.85	19.81		
10	64QAM	25	25	19.72	19.86	19.85	19.75	19.69		
10	64QAM	50	0	19.84	19.94	19.91	19.85	19.89		
10	256QAM	1	0	17.83	17.93	17.95	17.87	17.84	19	5
10	256QAM	1	25	17.71	17.81	17.89	17.81	17.75		
10	256QAM	1	49	17.80	17.82	17.90	17.76	17.70		
10	256QAM	25	0	17.83	17.94	17.86	17.81	17.92	19	5
10	256QAM	25	12	17.94	17.93	17.94	17.96	17.92		
10	256QAM	25	25	17.80	17.91	17.88	17.87	17.75		
10	256QAM	50	0	17.87	17.92	17.97	17.80	17.67		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.82	22.99	23.03	22.93	22.89	24	0
5	QPSK	1	12	22.80	22.87	22.96	22.79	22.84		
5	QPSK	1	24	22.80	22.81	22.88	22.77	22.72		
5	QPSK	12	0	21.86	21.89	22.01	21.94	21.90	23	1
5	QPSK	12	7	21.73	21.90	21.93	21.72	21.74		
5	QPSK	12	13	21.75	21.81	21.93	21.77	21.78		
5	QPSK	25	0	21.87	21.87	21.95	21.89	21.94		
5	16QAM	1	0	21.88	21.99	21.97	21.90	21.82	23	1
5	16QAM	1	12	21.85	21.88	21.91	21.84	21.70		
5	16QAM	1	24	21.82	21.92	21.94	21.75	21.69		
5	16QAM	12	0	20.90	20.89	20.95	20.93	20.93	22	2
5	16QAM	12	7	20.73	20.76	20.91	20.73	20.74		
5	16QAM	12	13	20.72	20.78	20.88	20.79	20.83		
5	16QAM	25	0	20.77	20.96	20.99	20.92	20.94		
5	64QAM	1	0	20.86	20.94	21.04	20.81	20.85	22	2
5	64QAM	1	12	20.81	20.78	20.92	20.85	20.85		
5	64QAM	1	24	20.80	20.83	20.93	20.75	20.75		
5	64QAM	12	0	19.85	20.01	20.00	19.84	19.89	21	3
5	64QAM	12	7	19.82	19.94	20.01	19.79	19.79		
5	64QAM	12	13	19.68	19.92	19.87	19.76	19.69		
5	64QAM	25	0	19.81	19.95	19.87	19.85	19.92		
5	256QAM	1	0	17.76	17.88	18.02	17.86	17.82	19	5
5	256QAM	1	12	17.77	17.85	17.93	17.73	17.81		
5	256QAM	1	24	17.77	17.91	17.92	17.82	17.71		
5	256QAM	12	0	17.82	17.95	17.94	17.84	17.94	19	5
5	256QAM	12	7	17.91	17.87	18.00	17.96	17.85		
5	256QAM	12	13	17.80	17.88	17.89	17.83	17.80		
5	256QAM	25	0	17.83	17.94	17.93	17.76	17.73		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.85	25.95	25.97	25.94	25.88	27	0
20	QPSK	1	49	25.84	25.92	25.93	25.90	25.81		
20	QPSK	1	99	25.79	25.89	25.92	25.87	25.77		
20	QPSK	50	0	24.84	24.92	25.00	24.94	24.93	26	1
20	QPSK	50	24	24.85	24.92	24.98	24.90	24.78		
20	QPSK	50	50	24.85	24.90	24.96	24.90	24.74		
20	QPSK	100	0	24.82	24.89	24.97	24.94	24.82		
20	16QAM	1	0	24.88	24.92	24.96	24.95	24.91	26	1
20	16QAM	1	49	24.83	24.87	24.89	24.93	24.80		
20	16QAM	1	99	24.84	24.89	24.95	24.82	24.75		
20	16QAM	50	0	23.85	23.88	24.06	23.94	23.91	25	2
20	16QAM	50	24	23.82	23.93	23.96	23.94	23.82		
20	16QAM	50	50	23.80	23.95	23.93	23.95	23.72		
20	16QAM	100	0	23.78	23.87	23.93	23.88	23.82		
20	64QAM	1	0	23.84	23.90	23.96	23.94	23.93	25	2
20	64QAM	1	49	23.82	23.90	23.99	23.91	23.84		
20	64QAM	1	99	23.77	23.90	23.90	23.92	23.77		
20	64QAM	50	0	22.80	22.94	23.02	22.89	22.93	24	3
20	64QAM	50	24	22.86	22.91	22.99	22.92	22.77		
20	64QAM	50	50	22.82	22.94	23.01	22.87	22.71		
20	64QAM	100	0	22.81	22.93	22.92	22.99	22.81		
20	256QAM	1	0	20.87	20.94	21.00	20.97	20.92	22	5
20	256QAM	1	49	20.88	20.97	20.96	20.88	20.80		
20	256QAM	1	99	20.83	20.92	20.91	20.96	20.72		
20	256QAM	50	0	20.86	20.87	20.97	20.90	20.81	22	5
20	256QAM	50	24	20.92	20.89	20.96	20.98	20.87		
20	256QAM	50	50	20.77	20.82	20.93	20.94	20.81		
20	256QAM	100	0	20.86	20.94	20.97	20.85	20.70		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	25.76	25.87	25.89	25.94	25.87	27	0
15	QPSK	1	37	25.78	25.81	25.84	25.88	25.79		
15	QPSK	1	74	25.79	25.88	25.82	25.80	25.69		
15	QPSK	36	0	24.81	24.87	24.92	24.85	24.89	26	1
15	QPSK	36	20	24.79	24.87	24.97	24.85	24.72		
15	QPSK	36	39	24.81	24.89	24.93	24.88	24.67		
15	QPSK	75	0	24.75	24.79	24.95	24.91	24.73		
15	16QAM	1	0	24.79	24.80	24.92	24.85	24.89	26	1
15	16QAM	1	37	24.81	24.80	24.88	24.90	24.79		
15	16QAM	1	74	24.74	24.88	24.92	24.73	24.64		
15	16QAM	36	0	23.73	23.86	23.94	23.93	23.81	25	2
15	16QAM	36	20	23.80	23.90	23.86	23.87	23.70		
15	16QAM	36	39	23.70	23.85	23.89	23.85	23.66		
15	16QAM	75	0	23.70	23.83	23.93	23.85	23.72		
15	64QAM	1	0	23.79	23.84	23.88	23.84	23.83	25	2
15	64QAM	1	37	23.74	23.87	23.96	23.88	23.75		
15	64QAM	1	74	23.68	23.87	23.80	23.92	23.68		
15	64QAM	36	0	22.73	22.83	22.96	22.85	22.92	24	3
15	64QAM	36	20	22.77	22.87	22.90	22.91	22.66		
15	64QAM	36	39	22.80	22.90	22.99	22.83	22.66		
15	64QAM	75	0	22.77	22.90	22.84	22.97	22.77		
15	256QAM	1	0	20.79	20.91	20.99	20.86	20.83	22	5
15	256QAM	1	37	20.77	20.88	20.93	20.81	20.71		
15	256QAM	1	74	20.80	20.89	20.86	20.91	20.66		
15	256QAM	36	0	20.83	20.85	20.95	20.81	20.75	22	5
15	256QAM	36	20	20.81	20.80	20.93	20.93	20.84		
15	256QAM	36	39	20.67	20.78	20.84	20.87	20.69		
15	256QAM	75	0	20.80	20.91	20.89	20.82	20.58		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	25.78	25.95	25.93	25.91	25.80	27	0
10	QPSK	1	25	25.76	25.81	25.92	25.83	25.71		
10	QPSK	1	49	25.72	25.88	25.90	25.85	25.74		
10	QPSK	25	0	24.72	24.91	24.98	24.82	24.83	26	1
10	QPSK	25	12	24.73	24.86	24.93	24.85	24.72		
10	QPSK	25	25	24.79	24.84	24.84	24.85	24.64		
10	QPSK	50	0	24.77	24.82	24.96	24.89	24.73		
10	16QAM	1	0	24.86	24.91	24.93	24.93	24.90	26	1
10	16QAM	1	25	24.76	24.79	24.79	24.83	24.72		
10	16QAM	1	49	24.80	24.80	24.93	24.79	24.65		
10	16QAM	25	0	23.73	23.86	24.04	23.84	23.87	25	2
10	16QAM	25	12	23.73	23.82	23.94	23.91	23.80		
10	16QAM	25	25	23.79	23.95	23.85	23.92	23.69		
10	16QAM	50	0	23.67	23.80	23.90	23.81	23.75		
10	64QAM	1	0	23.83	23.78	23.90	23.93	23.82	25	2
10	64QAM	1	25	23.75	23.79	23.99	23.84	23.79		
10	64QAM	1	49	23.70	23.88	23.79	23.83	23.74		
10	64QAM	25	0	22.77	22.93	23.01	22.80	22.86	24	3
10	64QAM	25	12	22.81	22.90	22.96	22.87	22.73		
10	64QAM	25	25	22.78	22.88	22.90	22.83	22.67		
10	64QAM	50	0	22.73	22.90	22.81	22.89	22.70		
10	256QAM	1	0	20.78	20.84	20.98	20.97	20.83	22	5
10	256QAM	1	25	20.78	20.85	20.95	20.77	20.79		
10	256QAM	1	49	20.80	20.82	20.86	20.95	20.64		
10	256QAM	25	0	20.84	20.76	20.96	20.80	20.74	22	5
10	256QAM	25	12	20.84	20.77	20.84	20.87	20.84		
10	256QAM	25	25	20.66	20.80	20.87	20.91	20.80		
10	256QAM	50	0	20.79	20.83	20.87	20.81	20.65		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	25.85	25.91	25.93	25.89	25.86	27	0
5	QPSK	1	12	25.72	25.85	25.85	25.89	25.69		
5	QPSK	1	24	25.70	25.83	25.87	25.75	25.66		
5	QPSK	12	0	24.75	24.92	24.96	24.89	24.86	26	1
5	QPSK	12	7	24.77	24.90	24.94	24.80	24.67		
5	QPSK	12	13	24.75	24.83	24.92	24.83	24.71		
5	QPSK	25	0	24.71	24.79	24.86	24.82	24.72		
5	16QAM	1	0	24.87	24.84	24.94	24.89	24.87	26	1
5	16QAM	1	12	24.74	24.76	24.88	24.88	24.78		
5	16QAM	1	24	24.82	24.88	24.91	24.81	24.68		
5	16QAM	12	0	23.79	23.85	23.95	23.94	23.86	25	2
5	16QAM	12	7	23.77	23.82	23.85	23.89	23.72		
5	16QAM	12	13	23.76	23.92	23.85	23.94	23.62		
5	16QAM	25	0	23.71	23.81	23.84	23.88	23.77		
5	64QAM	1	0	23.75	23.87	23.90	23.89	23.89	25	2
5	64QAM	1	12	23.78	23.86	23.88	23.79	23.83		
5	64QAM	1	24	23.75	23.88	23.84	23.86	23.72		
5	64QAM	12	0	22.77	22.89	22.94	22.86	22.91	24	3
5	64QAM	12	7	22.77	22.87	22.98	22.89	22.66		
5	64QAM	12	13	22.81	22.86	22.99	22.85	22.60		
5	64QAM	25	0	22.74	22.92	22.83	22.95	22.79		
5	256QAM	1	0	20.86	20.92	20.98	20.86	20.90	22	5
5	256QAM	1	12	20.82	20.94	20.84	20.87	20.71		
5	256QAM	1	24	20.77	20.84	20.87	20.84	20.63		
5	256QAM	12	0	20.80	20.78	20.91	20.86	20.80	22	5
5	256QAM	12	7	20.91	20.82	20.86	20.87	20.85		
5	256QAM	12	13	20.67	20.79	20.85	20.90	20.77		
5	256QAM	25	0	20.84	20.84	20.94	20.78	20.65		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.00	23.06	22.96	23.03	24	0
20	QPSK	1	49	23.00	23.05	22.88	22.91		
20	QPSK	1	99	22.92	23.01	22.89	22.92		
20	QPSK	50	0	22.02	22.09	22.02	22.02	23	1
20	QPSK	50	24	21.96	21.99	21.93	21.90		
20	QPSK	50	50	21.95	22.07	21.86	21.95		
20	QPSK	100	0	21.96	22.04	21.97	22.01		
20	16QAM	1	0	22.04	22.01	21.94	22.08	23	1
20	16QAM	1	49	22.01	22.05	21.89	21.88		
20	16QAM	1	99	21.93	21.97	21.91	21.90		
20	16QAM	50	0	21.07	21.12	21.00	21.05	22	2
20	16QAM	50	24	20.92	20.97	20.93	20.95		
20	16QAM	50	50	20.96	21.03	20.82	20.95		
20	16QAM	100	0	20.96	21.02	20.97	20.99		
20	64QAM	1	0	20.95	21.02	20.98	21.00	22	2
20	64QAM	1	49	20.95	21.07	20.83	20.89		
20	64QAM	1	99	20.96	21.04	20.84	20.94		
20	64QAM	50	0	19.97	20.12	20.00	19.99	21	3
20	64QAM	50	24	20.00	19.95	19.99	19.94		
20	64QAM	50	50	19.93	20.06	19.83	19.93		
20	64QAM	100	0	19.91	20.06	20.01	19.96		
20	256QAM	1	0	17.96	18.14	18.04	18.01	19	5
20	256QAM	1	49	18.01	18.00	17.90	17.88		
20	256QAM	1	99	17.97	18.09	17.83	17.97		
20	256QAM	50	0	17.98	18.04	17.91	17.96	19	5
20	256QAM	50	24	18.01	18.02	17.90	18.03		
20	256QAM	50	50	18.06	18.05	17.86	17.90		
20	256QAM	100	0	17.95	18.02	17.85	17.93		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	22.99	22.99	22.90	22.94	24	0
15	QPSK	1	37	22.92	23.02	22.80	22.82		
15	QPSK	1	74	22.87	22.96	22.83	22.85		
15	QPSK	36	0	21.90	22.09	22.01	21.97	23	1
15	QPSK	36	20	21.84	21.91	21.81	21.84		
15	QPSK	36	39	21.88	22.04	21.82	21.91		
15	QPSK	75	0	21.85	22.04	21.89	22.01		
15	16QAM	1	0	22.02	22.00	21.89	22.01	23	1
15	16QAM	1	37	21.92	22.01	21.82	21.77		
15	16QAM	1	74	21.84	21.86	21.85	21.79		
15	16QAM	36	0	21.03	21.11	20.89	21.04	22	2
15	16QAM	36	20	20.85	20.88	20.87	20.91		
15	16QAM	36	39	20.84	21.00	20.76	20.83		
15	16QAM	75	0	20.88	20.95	20.85	20.96		
15	64QAM	1	0	20.92	20.93	20.96	20.93	22	2
15	64QAM	1	37	20.84	21.05	20.77	20.84		
15	64QAM	1	74	20.95	20.98	20.74	20.85		
15	64QAM	36	0	19.97	20.09	19.91	19.93	21	3
15	64QAM	36	20	19.99	19.93	19.97	19.91		
15	64QAM	36	39	19.83	20.05	19.80	19.83		
15	64QAM	75	0	19.84	20.04	19.92	19.95		
15	256QAM	1	0	17.87	18.10	18.02	17.97	19	5
15	256QAM	1	37	17.99	17.88	17.80	17.85		
15	256QAM	1	74	17.88	17.98	17.79	17.90		
15	256QAM	36	0	17.91	17.94	17.89	17.95	19	5
15	256QAM	36	20	17.93	17.92	17.86	17.98		
15	256QAM	36	39	18.02	17.95	17.84	17.90		
15	256QAM	75	0	17.90	17.98	17.79	17.88		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	22.92	22.99	22.85	22.99	24	0
10	QPSK	1	25	22.94	23.01	22.81	22.90		
10	QPSK	1	49	22.85	22.89	22.85	22.91		
10	QPSK	25	0	21.91	22.08	21.99	22.00	23	1
10	QPSK	25	12	21.91	21.87	21.91	21.80		
10	QPSK	25	25	21.89	21.99	21.77	21.89		
10	QPSK	50	0	21.96	21.97	21.86	21.92		
10	16QAM	1	0	21.98	21.89	21.87	22.00	23	1
10	16QAM	1	25	21.90	21.95	21.82	21.77		
10	16QAM	1	49	21.89	21.97	21.84	21.90		
10	16QAM	25	0	20.99	21.06	20.93	20.97	22	2
10	16QAM	25	12	20.88	20.90	20.83	20.91		
10	16QAM	25	25	20.93	20.96	20.81	20.84		
10	16QAM	50	0	20.95	20.97	20.88	20.90		
10	64QAM	1	0	20.88	20.95	20.91	20.95	22	2
10	64QAM	1	25	20.83	20.96	20.76	20.79		
10	64QAM	1	49	20.89	21.02	20.83	20.93		
10	64QAM	25	0	19.93	20.10	19.90	19.94	21	3
10	64QAM	25	12	19.96	19.95	19.89	19.92		
10	64QAM	25	25	19.86	20.05	19.79	19.88		
10	64QAM	50	0	19.84	19.98	19.91	19.85		
10	256QAM	1	0	17.90	18.07	17.99	17.90	19	5
10	256QAM	1	25	18.00	17.93	17.81	17.81		
10	256QAM	1	49	17.91	18.07	17.72	17.87		
10	256QAM	25	0	17.88	17.99	17.90	17.94	19	5
10	256QAM	25	12	17.96	17.92	17.79	17.96		
10	256QAM	25	25	18.01	17.96	17.85	17.89		
10	256QAM	50	0	17.86	17.92	17.77	17.86		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	22.92	23.05	22.85	23.01	24	0
5	QPSK	1	12	22.96	22.99	22.77	22.89		
5	QPSK	1	24	22.91	22.98	22.81	22.83		
5	QPSK	12	0	21.98	22.09	21.96	22.01	23	1
5	QPSK	12	7	21.88	21.94	21.91	21.79		
5	QPSK	12	13	21.85	21.99	21.75	21.89		
5	QPSK	25	0	21.95	22.00	21.97	21.96		
5	16QAM	1	0	21.92	21.89	21.91	22.05	23	1
5	16QAM	1	12	22.01	21.95	21.82	21.80		
5	16QAM	1	24	21.84	21.95	21.86	21.85		
5	16QAM	12	0	21.05	21.12	20.88	20.96	22	2
5	16QAM	12	7	20.80	20.96	20.83	20.86		
5	16QAM	12	13	20.84	20.94	20.71	20.88		
5	16QAM	25	0	20.95	21.00	20.89	20.95		
5	64QAM	1	0	20.89	20.92	20.90	20.89	22	2
5	64QAM	1	12	20.87	20.97	20.80	20.82		
5	64QAM	1	24	20.94	20.94	20.82	20.86		
5	64QAM	12	0	19.88	20.11	19.99	19.96	21	3
5	64QAM	12	7	19.93	19.87	19.90	19.90		
5	64QAM	12	13	19.84	20.01	19.75	19.87		
5	64QAM	25	0	19.82	20.04	19.92	19.91		
5	256QAM	1	0	17.95	18.07	17.96	17.89	19	5
5	256QAM	1	12	17.94	17.93	17.89	17.80		
5	256QAM	1	24	17.96	17.99	17.75	17.86		
5	256QAM	12	0	17.86	18.03	17.81	17.86	19	5
5	256QAM	12	7	17.96	17.94	17.87	17.96		
5	256QAM	12	13	18.04	18.04	17.78	17.87		
5	256QAM	25	0	17.88	17.95	17.82	17.84		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.65	23.73	23.67	23.63	24	0
20	QPSK	1	49	23.55	23.68	23.57	23.61		
20	QPSK	1	99	23.58	23.64	23.59	23.54		
20	QPSK	50	0	22.66	22.77	22.69	22.60	23	1
20	QPSK	50	24	22.52	22.67	22.51	22.56		
20	QPSK	50	50	22.53	22.65	22.53	22.52		
20	QPSK	100	0	22.67	22.68	22.63	22.62		
20	16QAM	1	0	22.71	22.71	22.64	22.68	23	1
20	16QAM	1	49	22.58	22.64	22.54	22.63		
20	16QAM	1	99	22.63	22.67	22.58	22.55		
20	16QAM	50	0	21.72	21.71	21.74	21.57	22	2
20	16QAM	50	24	21.56	21.71	21.50	21.57		
20	16QAM	50	50	21.52	21.65	21.47	21.53		
20	16QAM	100	0	21.73	21.71	21.68	21.62		
20	64QAM	1	0	21.63	21.68	21.67	21.61	22	2
20	64QAM	1	49	21.52	21.70	21.53	21.64		
20	64QAM	1	99	21.62	21.65	21.58	21.49		
20	64QAM	50	0	20.68	20.78	20.73	20.56	21	3
20	64QAM	50	24	20.48	20.66	20.48	20.51		
20	64QAM	50	50	20.50	20.64	20.59	20.55		
20	64QAM	100	0	20.67	20.70	20.64	20.63		
20	256QAM	1	0	18.66	18.71	18.70	18.66	19	5
20	256QAM	1	49	18.48	18.66	18.49	18.61		
20	256QAM	1	99	18.52	18.65	18.59	18.51		
20	256QAM	50	0	18.62	18.71	18.63	18.63	19	5
20	256QAM	50	24	18.75	18.68	18.69	18.65		
20	256QAM	50	50	18.53	18.66	18.53	18.63		
20	256QAM	100	0	18.67	18.66	18.55	18.53		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.54	23.64	23.59	23.54	24	0
15	QPSK	1	37	23.46	23.62	23.45	23.50		
15	QPSK	1	74	23.49	23.57	23.58	23.49		
15	QPSK	36	0	22.56	22.73	22.66	22.56	23	1
15	QPSK	36	20	22.48	22.59	22.42	22.52		
15	QPSK	36	39	22.49	22.64	22.42	22.40		
15	QPSK	75	0	22.57	22.63	22.57	22.62		
15	16QAM	1	0	22.67	22.71	22.58	22.68	23	1
15	16QAM	1	37	22.50	22.63	22.45	22.62		
15	16QAM	1	74	22.57	22.58	22.49	22.45		
15	16QAM	36	0	21.67	21.62	21.69	21.47	22	2
15	16QAM	36	20	21.53	21.70	21.50	21.53		
15	16QAM	36	39	21.42	21.61	21.39	21.53		
15	16QAM	75	0	21.67	21.63	21.60	21.54		
15	64QAM	1	0	21.61	21.63	21.64	21.49	22	2
15	64QAM	1	37	21.52	21.63	21.50	21.56		
15	64QAM	1	74	21.54	21.58	21.58	21.42		
15	64QAM	36	0	20.66	20.66	20.68	20.53	21	3
15	64QAM	36	20	20.36	20.61	20.36	20.42		
15	64QAM	36	39	20.49	20.59	20.48	20.51		
15	64QAM	75	0	20.64	20.61	20.57	20.57		
15	256QAM	1	0	18.59	18.62	18.60	18.61	19	5
15	256QAM	1	37	18.37	18.64	18.38	18.53		
15	256QAM	1	74	18.42	18.63	18.53	18.47		
15	256QAM	36	0	18.60	18.65	18.58	18.51	19	5
15	256QAM	36	20	18.68	18.56	18.59	18.56		
15	256QAM	36	39	18.49	18.60	18.46	18.56		
15	256QAM	75	0	18.62	18.61	18.46	18.46		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.54	23.68	23.62	23.52	24	0
10	QPSK	1	25	23.48	23.64	23.56	23.61		
10	QPSK	1	49	23.47	23.53	23.48	23.46		
10	QPSK	25	0	22.59	22.72	22.69	22.52	23	1
10	QPSK	25	12	22.42	22.65	22.39	22.51		
10	QPSK	25	25	22.47	22.64	22.44	22.43		
10	QPSK	50	0	22.64	22.58	22.53	22.51		
10	16QAM	1	0	22.61	22.67	22.53	22.68	23	1
10	16QAM	1	25	22.52	22.55	22.50	22.57		
10	16QAM	1	49	22.57	22.57	22.46	22.50		
10	16QAM	25	0	21.71	21.62	21.70	21.46	22	2
10	16QAM	25	12	21.50	21.67	21.42	21.51		
10	16QAM	25	25	21.40	21.54	21.39	21.49		
10	16QAM	50	0	21.73	21.61	21.62	21.51		
10	64QAM	1	0	21.51	21.68	21.63	21.50	22	2
10	64QAM	1	25	21.41	21.64	21.51	21.64		
10	64QAM	1	49	21.54	21.56	21.49	21.39		
10	64QAM	25	0	20.59	20.73	20.67	20.44	21	3
10	64QAM	25	12	20.38	20.59	20.42	20.44		
10	64QAM	25	25	20.41	20.52	20.50	20.49		
10	64QAM	50	0	20.60	20.60	20.63	20.56		
10	256QAM	1	0	18.64	18.67	18.59	18.62	19	5
10	256QAM	1	25	18.45	18.54	18.46	18.49		
10	256QAM	1	49	18.40	18.58	18.49	18.49		
10	256QAM	25	0	18.58	18.63	18.61	18.53	19	5
10	256QAM	25	12	18.64	18.58	18.57	18.61		
10	256QAM	25	25	18.52	18.66	18.44	18.61		
10	256QAM	50	0	18.57	18.54	18.49	18.41		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.55	23.63	23.66	23.59	24	0
5	QPSK	1	12	23.47	23.61	23.51	23.61		
5	QPSK	1	24	23.50	23.63	23.54	23.43		
5	QPSK	12	0	22.63	22.70	22.63	22.59	23	1
5	QPSK	12	7	22.42	22.57	22.46	22.51		
5	QPSK	12	13	22.50	22.58	22.42	22.40		
5	QPSK	25	0	22.62	22.62	22.61	22.55		
5	16QAM	1	0	22.66	22.64	22.59	22.62	23	1
5	16QAM	1	12	22.51	22.56	22.48	22.53		
5	16QAM	1	24	22.56	22.58	22.50	22.52		
5	16QAM	12	0	21.65	21.66	21.63	21.56	22	2
5	16QAM	12	7	21.49	21.69	21.42	21.51		
5	16QAM	12	13	21.48	21.54	21.36	21.43		
5	16QAM	25	0	21.62	21.68	21.67	21.56		
5	64QAM	1	0	21.54	21.57	21.56	21.61	22	2
5	64QAM	1	12	21.47	21.64	21.47	21.53		
5	64QAM	1	24	21.62	21.60	21.48	21.37		
5	64QAM	12	0	20.61	20.78	20.72	20.52	21	3
5	64QAM	12	7	20.38	20.59	20.39	20.50		
5	64QAM	12	13	20.47	20.57	20.54	20.54		
5	64QAM	25	0	20.56	20.63	20.63	20.62		
5	256QAM	1	0	18.62	18.67	18.62	18.55	19	5
5	256QAM	1	12	18.47	18.58	18.47	18.51		
5	256QAM	1	24	18.51	18.65	18.55	18.41		
5	256QAM	12	0	18.55	18.71	18.55	18.51	19	5
5	256QAM	12	7	18.74	18.63	18.62	18.53		
5	256QAM	12	13	18.50	18.56	18.47	18.62		
5	256QAM	25	0	18.64	18.62	18.46	18.51		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.16	23.36	23.22	23.30	24	0
20	QPSK	1	49	23.08	23.32	23.19	23.25		
20	QPSK	1	99	23.11	23.30	23.18	23.24		
20	QPSK	50	0	22.10	22.31	22.22	22.25	23	1
20	QPSK	50	24	22.08	22.29	22.22	22.21		
20	QPSK	50	50	22.02	22.24	22.16	22.10		
20	QPSK	100	0	22.06	22.25	22.17	22.19		
20	16QAM	1	0	22.06	22.28	22.23	22.25	23	1
20	16QAM	1	49	22.03	22.24	22.18	22.15		
20	16QAM	1	99	22.01	22.21	22.17	22.09		
20	16QAM	50	0	21.07	21.29	21.16	21.20	22	2
20	16QAM	50	24	21.03	21.25	21.18	21.12		
20	16QAM	50	50	21.04	21.22	21.17	21.18		
20	16QAM	100	0	21.01	21.18	21.12	21.12		
20	64QAM	1	0	20.95	21.09	20.95	21.06	22	2
20	64QAM	1	49	20.79	21.01	20.91	20.88		
20	64QAM	1	99	20.83	20.96	20.85	20.93		
20	64QAM	50	0	20.12	20.27	20.22	20.20	21	3
20	64QAM	50	24	20.07	20.22	20.10	20.08		
20	64QAM	50	50	19.96	20.19	20.07	20.14		
20	64QAM	100	0	19.91	20.15	20.06	20.04		
20	256QAM	1	0	18.21	18.37	18.26	18.26	19	5
20	256QAM	1	49	18.18	18.32	18.24	18.18		
20	256QAM	1	99	18.17	18.31	18.17	18.27		
20	256QAM	50	0	18.07	18.25	18.22	18.15	19	5
20	256QAM	50	24	17.94	18.19	18.12	18.11		
20	256QAM	50	50	17.92	18.16	18.08	18.11		
20	256QAM	100	0	17.93	18.07	18.00	17.98		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.04	23.33	23.09	23.21	24	0
15	QPSK	1	37	23.03	23.28	23.08	23.19		
15	QPSK	1	74	23.07	23.18	23.09	23.18		
15	QPSK	36	0	21.97	22.22	22.16	22.18	23	1
15	QPSK	36	20	21.98	22.21	22.16	22.07		
15	QPSK	36	39	21.94	22.11	22.13	22.00		
15	QPSK	75	0	21.94	22.18	22.06	22.10		
15	16QAM	1	0	21.91	22.21	22.13	22.15	23	1
15	16QAM	1	37	21.93	22.16	22.05	22.12		
15	16QAM	1	74	21.91	22.16	22.06	22.00		
15	16QAM	36	0	20.96	21.16	21.11	21.14	22	2
15	16QAM	36	20	20.95	21.13	21.14	21.04		
15	16QAM	36	39	20.94	21.14	21.14	21.04		
15	16QAM	75	0	20.90	21.03	21.06	21.03		
15	64QAM	1	0	20.89	21.01	20.88	21.01	22	2
15	64QAM	1	37	20.71	20.89	20.84	20.74		
15	64QAM	1	74	20.79	20.92	20.81	20.78		
15	64QAM	36	0	20.08	20.21	20.11	20.12	21	3
15	64QAM	36	20	19.96	20.14	20.07	19.95		
15	64QAM	36	39	19.85	20.09	20.01	20.11		
15	64QAM	75	0	19.83	20.03	19.98	19.93		
15	256QAM	1	0	18.09	18.25	18.20	18.15	19	5
15	256QAM	1	37	18.08	18.18	18.15	18.08		
15	256QAM	1	74	18.10	18.17	18.12	18.14		
15	256QAM	36	0	17.93	18.19	18.08	18.04	19	5
15	256QAM	36	20	17.86	18.14	17.98	18.05		
15	256QAM	36	39	17.79	18.02	17.98	18.08		
15	256QAM	75	0	17.89	18.01	17.90	17.87		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.12	23.24	23.18	23.20	24	0
10	QPSK	1	25	23.04	23.20	23.06	23.10		
10	QPSK	1	49	23.02	23.17	23.15	23.18		
10	QPSK	25	0	22.01	22.28	22.12	22.14	23	1
10	QPSK	25	12	21.99	22.16	22.09	22.10		
10	QPSK	25	25	21.97	22.11	22.06	22.07		
10	QPSK	50	0	21.93	22.19	22.06	22.12		
10	16QAM	1	0	21.93	22.25	22.11	22.13	23	1
10	16QAM	1	25	21.93	22.19	22.06	22.08		
10	16QAM	1	49	21.89	22.10	22.05	22.06		
10	16QAM	25	0	20.97	21.22	21.12	21.15	22	2
10	16QAM	25	12	20.91	21.20	21.09	21.02		
10	16QAM	25	25	21.00	21.19	21.04	21.07		
10	16QAM	50	0	20.96	21.15	21.03	21.04		
10	64QAM	1	0	20.87	20.94	20.82	21.01	22	2
10	64QAM	1	25	20.69	20.97	20.79	20.75		
10	64QAM	1	49	20.72	20.86	20.73	20.88		
10	64QAM	25	0	20.04	20.19	20.08	20.09	21	3
10	64QAM	25	12	19.93	20.09	19.98	19.99		
10	64QAM	25	25	19.89	20.06	19.98	20.10		
10	64QAM	50	0	19.77	20.11	19.93	19.96		
10	256QAM	1	0	18.10	18.31	18.11	18.16	19	5
10	256QAM	1	25	18.09	18.19	18.16	18.08		
10	256QAM	1	49	18.11	18.23	18.14	18.17		
10	256QAM	25	0	18.04	18.18	18.18	18.02	19	5
10	256QAM	25	12	17.82	18.13	18.02	18.04		
10	256QAM	25	25	17.79	18.02	18.01	18.03		
10	256QAM	50	0	17.80	18.00	17.97	17.83		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3645	3697.5		
5	QPSK	1	0	23.11	23.30	23.11	23.26	24	0
5	QPSK	1	12	23.04	23.22	23.13	23.13		
5	QPSK	1	24	23.06	23.18	23.10	23.21		
5	QPSK	12	0	22.04	22.19	22.17	22.17	23	1
5	QPSK	12	7	22.05	22.20	22.11	22.13		
5	QPSK	12	13	21.93	22.12	22.07	22.06		
5	QPSK	25	0	21.96	22.17	22.09	22.12		
5	16QAM	1	0	21.97	22.15	22.15	22.16	23	1
5	16QAM	1	12	22.00	22.10	22.11	22.01		
5	16QAM	1	24	21.97	22.08	22.03	21.96		
5	16QAM	12	0	21.02	21.18	21.05	21.15	22	2
5	16QAM	12	7	21.00	21.16	21.08	21.02		
5	16QAM	12	13	21.01	21.11	21.03	21.04		
5	16QAM	25	0	20.93	21.06	21.04	21.08		
5	64QAM	1	0	20.84	20.99	20.84	20.99	22	2
5	64QAM	1	12	20.76	20.95	20.87	20.85		
5	64QAM	1	24	20.80	20.89	20.76	20.88		
5	64QAM	12	0	19.98	20.16	20.18	20.11	21	3
5	64QAM	12	7	20.03	20.14	20.00	20.05		
5	64QAM	12	13	19.89	20.07	20.02	20.00		
5	64QAM	25	0	19.86	20.08	20.01	19.97		
5	256QAM	1	0	18.18	18.27	18.19	18.22	19	5
5	256QAM	1	12	18.03	18.19	18.15	18.07		
5	256QAM	1	24	18.12	18.23	18.13	18.21		
5	256QAM	12	0	17.92	18.20	18.12	18.01	19	5
5	256QAM	12	7	17.88	18.10	17.99	18.04		
5	256QAM	12	13	17.85	18.09	18.04	18.04		
5	256QAM	25	0	17.81	18.03	17.93	17.89		

Band 48 Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.11	23.29	23.15	23.22	24	0
20	QPSK	1	49	23.04	23.20	23.04	23.15		
20	QPSK	1	99	23.01	23.24	23.10	23.11		
20	QPSK	50	0	21.95	22.23	22.10	22.13	23	1
20	QPSK	50	24	21.99	22.19	22.18	22.11		
20	QPSK	50	50	21.95	22.12	22.04	21.97		
20	QPSK	100	0	21.96	22.12	22.10	22.09		
20	16QAM	1	0	22.02	22.17	22.10	22.17	23	1
20	16QAM	1	49	21.97	22.20	22.05	22.01		
20	16QAM	1	99	21.95	22.11	22.10	22.01		
20	16QAM	50	0	21.03	21.15	21.08	21.10	22	2
20	16QAM	50	24	20.90	21.21	21.08	21.04		
20	16QAM	50	50	20.94	21.14	21.03	21.06		
20	16QAM	100	0	20.98	21.14	20.99	20.99		
20	64QAM	1	0	20.85	21.05	20.83	21.02	22	2
20	64QAM	1	49	20.65	20.87	20.79	20.77		
20	64QAM	1	99	20.72	20.82	20.72	20.89		
20	64QAM	50	0	19.99	20.23	20.12	20.15	21	3
20	64QAM	50	24	19.95	20.16	20.02	19.99		
20	64QAM	50	50	19.86	20.05	19.93	20.10		
20	64QAM	100	0	19.84	20.11	19.93	20.01		
20	256QAM	1	0	18.10	18.30	18.12	18.15	19	5
20	256QAM	1	49	18.14	18.25	18.11	18.04		
20	256QAM	1	99	18.02	18.24	18.13	18.17		
20	256QAM	50	0	17.93	18.12	18.08	18.01	19	5
20	256QAM	50	24	17.89	18.08	18.08	18.04		
20	256QAM	50	50	17.83	18.07	18.03	18.06		
20	256QAM	100	0	17.82	17.99	17.94	17.86		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.99	23.23	23.03	23.13	24	0
15	QPSK	1	37	23.00	23.08	22.94	23.05		
15	QPSK	1	74	22.90	23.19	23.01	23.02		
15	QPSK	36	0	21.86	22.19	22.02	22.02	23	1
15	QPSK	36	20	21.88	22.09	22.13	22.03		
15	QPSK	36	39	21.80	22.00	22.00	21.88		
15	QPSK	75	0	21.90	21.99	21.97	22.04		
15	16QAM	1	0	21.91	22.09	22.06	22.02	23	1
15	16QAM	1	37	21.90	22.17	21.92	21.86		
15	16QAM	1	74	21.88	21.97	22.02	21.95		
15	16QAM	36	0	20.95	21.09	21.04	21.00	22	2
15	16QAM	36	20	20.85	21.17	20.96	20.90		
15	16QAM	36	39	20.89	21.08	20.95	20.95		
15	16QAM	75	0	20.86	21.02	20.90	20.86		
15	64QAM	1	0	20.73	20.97	20.79	20.88	22	2
15	64QAM	1	37	20.51	20.84	20.73	20.74		
15	64QAM	1	74	20.65	20.68	20.65	20.82		
15	64QAM	36	0	19.95	20.11	20.07	20.12	21	3
15	64QAM	36	20	19.81	20.08	19.94	19.89		
15	64QAM	36	39	19.72	19.94	19.87	19.97		
15	64QAM	75	0	19.78	20.02	19.83	19.95		
15	256QAM	1	0	18.05	18.23	18.01	18.03	19	5
15	256QAM	1	37	18.03	18.14	18.00	17.94		
15	256QAM	1	74	17.95	18.19	18.01	18.03		
15	256QAM	36	0	17.90	18.09	17.94	17.86	19	5
15	256QAM	36	20	17.75	17.94	17.95	17.95		
15	256QAM	36	39	17.75	17.99	17.96	17.95		
15	256QAM	75	0	17.78	17.91	17.82	17.72		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.02	23.20	23.03	23.09	24	0
10	QPSK	1	25	22.94	23.15	22.99	23.05		
10	QPSK	1	49	22.95	23.15	22.95	23.06		
10	QPSK	25	0	21.84	22.12	22.04	21.98	23	1
10	QPSK	25	12	21.90	22.11	22.08	22.01		
10	QPSK	25	25	21.84	21.98	21.98	21.88		
10	QPSK	50	0	21.91	22.00	22.04	21.97		
10	16QAM	1	0	21.87	22.10	22.02	22.13	23	1
10	16QAM	1	25	21.82	22.14	21.95	21.97		
10	16QAM	1	49	21.81	22.00	21.99	21.98		
10	16QAM	25	0	20.89	21.05	20.99	20.97	22	2
10	16QAM	25	12	20.79	21.11	20.94	20.98		
10	16QAM	25	25	20.85	21.06	20.97	21.02		
10	16QAM	50	0	20.86	21.10	20.92	20.84		
10	64QAM	1	0	20.74	20.98	20.69	20.94	22	2
10	64QAM	1	25	20.59	20.74	20.64	20.65		
10	64QAM	1	49	20.62	20.74	20.66	20.75		
10	64QAM	25	0	19.84	20.19	20.02	20.12	21	3
10	64QAM	25	12	19.91	20.12	19.88	19.88		
10	64QAM	25	25	19.83	19.97	19.84	20.04		
10	64QAM	50	0	19.76	20.04	19.89	19.87		
10	256QAM	1	0	17.98	18.23	17.98	18.10	19	5
10	256QAM	1	25	18.10	18.12	18.08	18.00		
10	256QAM	1	49	17.89	18.13	18.01	18.04		
10	256QAM	25	0	17.79	18.07	18.02	17.90	19	5
10	256QAM	25	12	17.81	17.93	17.94	17.93		
10	256QAM	25	25	17.69	17.96	17.89	17.98		
10	256QAM	50	0	17.76	17.92	17.91	17.73		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3645	3697.5		
5	QPSK	1	0	23.07	23.24	23.07	23.10	24	0
5	QPSK	1	12	22.98	23.08	22.95	23.03		
5	QPSK	1	24	22.96	23.09	22.96	23.08		
5	QPSK	12	0	21.80	22.12	22.03	22.04	23	1
5	QPSK	12	7	21.92	22.07	22.06	21.99		
5	QPSK	12	13	21.91	22.09	22.00	21.93		
5	QPSK	25	0	21.87	22.03	22.02	21.95		
5	16QAM	1	0	21.94	22.10	22.06	22.06	23	1
5	16QAM	1	12	21.84	22.12	21.90	21.86		
5	16QAM	1	24	21.91	21.99	22.04	21.92		
5	16QAM	12	0	20.98	21.11	21.01	21.02	22	2
5	16QAM	12	7	20.84	21.15	21.03	21.01		
5	16QAM	12	13	20.89	21.05	20.98	20.98		
5	16QAM	25	0	20.84	21.01	20.93	20.89		
5	64QAM	1	0	20.79	20.92	20.74	20.95	22	2
5	64QAM	1	12	20.60	20.83	20.73	20.67		
5	64QAM	1	24	20.64	20.69	20.64	20.80		
5	64QAM	12	0	19.91	20.10	20.03	20.08	21	3
5	64QAM	12	7	19.89	20.09	19.91	19.95		
5	64QAM	12	13	19.76	19.94	19.79	20.05		
5	64QAM	25	0	19.79	19.98	19.84	19.97		
5	256QAM	1	0	18.05	18.17	17.97	18.03	19	5
5	256QAM	1	12	18.05	18.17	18.07	17.91		
5	256QAM	1	24	17.88	18.16	18.10	18.05		
5	256QAM	12	0	17.83	17.99	17.96	17.89	19	5
5	256QAM	12	7	17.75	17.98	17.96	17.95		
5	256QAM	12	13	17.75	17.95	17.92	17.92		
5	256QAM	25	0	17.68	17.95	17.87	17.74		

Reduced Power Mode for ECI 2

GSM850 Ant 0 ECI 2	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	31.64	31.70	31.67	33.50	22.64	22.70	22.67	24.50
GPRS 1 Tx slot	31.66	31.68	31.65	33.50	22.66	22.68	22.65	24.50
GPRS 2 Tx slots	30.62	30.66	30.58	32.00	24.62	24.66	24.58	26.00
GPRS 3 Tx slots	28.55	28.61	28.57	30.00	24.29	24.35	24.31	25.74
GPRS 4 Tx slots	27.46	27.48	27.42	29.00	24.46	24.48	24.42	26.00
EDGE 1 Tx slot	26.84	26.88	26.85	28.00	17.84	17.88	17.85	19.00
EDGE 2 Tx slots	25.55	25.64	25.62	26.50	19.55	19.64	19.62	20.50
EDGE 3 Tx slots	23.17	23.27	23.22	24.50	18.91	19.01	18.96	20.24
EDGE 4 Tx slots	21.83	21.94	21.93	23.00	18.83	18.94	18.93	20.00

GSM1900 Ant 0 ECI 2	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	27.99	28.10	28.06	29.00	18.99	19.10	19.06	20.00
GPRS 1 Tx slot	28.02	28.03	27.94	29.00	19.02	19.03	18.94	20.00
GPRS 2 Tx slots	27.00	27.06	26.98	28.00	21.00	21.06	20.98	22.00
GPRS 3 Tx slots	24.99	25.08	25.02	26.00	20.73	20.82	20.76	21.74
GPRS 4 Tx slots	23.94	24.04	23.99	25.00	20.94	21.04	20.99	22.00
EDGE 1 Tx slot	24.54	24.63	24.60	25.00	15.54	15.63	15.60	16.00
EDGE 2 Tx slots	23.15	23.18	23.16	24.00	17.15	17.18	17.16	18.00
EDGE 3 Tx slots	20.61	20.67	20.62	21.50	16.35	16.41	16.36	17.24
EDGE 4 Tx slots	19.04	19.09	19.05	20.00	16.04	16.09	16.05	17.00

Band		WCDMA II Ant 0 ECI 2			Tune-up Limit (dBm)	WCDMA IV Ant 0 ECI 2			Tune-up Limit (dBm)	WCDMA V Ant 0 ECI 2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.11	22.23	22.20	23.00	22.01	22.15	22.05	23.00	24.18	24.32	24.22	25.00
3GPP Rel 99	RMC 12.2Kbps	22.15	22.30	22.23	23.00	22.05	22.22	22.18	23.00	24.26	24.34	24.29	25.00
3GPP Rel 6	HSDPA Subtest-1	21.22	21.34	21.28	22.00	21.11	21.21	21.16	22.00	23.31	23.37	23.40	24.00
3GPP Rel 6	HSDPA Subtest-2	21.14	21.22	21.18	22.00	21.03	21.08	21.11	22.00	23.27	23.35	23.22	24.00
3GPP Rel 6	HSDPA Subtest-3	20.69	20.81	20.68	21.50	20.64	20.67	20.61	21.50	22.81	22.90	22.83	23.50
3GPP Rel 6	HSDPA Subtest-4	20.66	20.70	20.66	21.50	20.62	20.63	20.58	21.50	22.76	22.86	22.73	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.19	21.26	21.19	22.00	21.07	21.17	21.08	22.00	23.32	23.35	23.37	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.12	21.20	21.08	22.00	20.99	21.14	21.03	22.00	23.18	23.27	23.20	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.54	20.75	20.60	21.50	20.39	20.67	20.53	21.50	22.69	22.85	22.66	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.52	20.66	20.64	21.50	20.47	20.54	20.54	21.50	22.58	22.71	22.71	23.50
3GPP Rel 6	HSUPA Subtest-1	21.02	21.19	21.18	22.00	20.94	21.11	21.14	22.00	23.13	23.28	23.19	24.00
3GPP Rel 6	HSUPA Subtest-2	19.16	19.27	19.25	20.00	19.04	19.12	19.17	20.00	21.23	21.37	21.28	22.00
3GPP Rel 6	HSUPA Subtest-3	20.26	20.29	20.30	21.00	20.22	20.16	20.25	21.00	22.34	22.44	22.35	23.00
3GPP Rel 6	HSUPA Subtest-4	19.14	19.23	19.09	20.00	19.07	19.17	18.98	20.00	21.22	21.29	21.22	22.00
3GPP Rel 6	HSUPA Subtest-5	21.12	21.22	21.08	22.00	21.03	21.08	20.99	22.00	23.16	23.28	23.27	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.77	18.91	18.74	19.50	18.65	18.85	18.67	19.50	20.78	20.96	20.89	21.50

GSM850 Ant 1 ECI 2	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	31.70	31.77	31.72	33.50	22.70	22.77	22.72	24.50
GPRS 1 Tx slot	31.69	31.74	31.67	33.50	22.69	22.74	22.67	24.50
GPRS 2 Tx slots	30.67	30.71	30.63	32.00	24.67	24.71	24.63	26.00
GPRS 3 Tx slots	28.65	28.64	28.59	30.00	24.29	24.38	24.33	25.74
GPRS 4 Tx slots	27.48	27.50	27.46	29.00	24.48	24.50	24.46	26.00
EDGE 1 Tx slot	26.58	26.69	26.68	28.00	17.58	17.69	17.68	19.00
EDGE 2 Tx slots	25.36	25.44	25.34	26.50	19.36	19.44	19.34	20.50
EDGE 3 Tx slots	23.05	23.10	23.01	24.50	18.79	18.84	18.75	20.24
EDGE 4 Tx slots	21.67	21.73	21.71	23.00	18.67	18.73	18.71	20.00

Band		WCDMA II Ant 1 ECI 2			Tune-up Limit (dBm)	WCDMA IV Ant 1 ECI 2			Tune-up Limit (dBm)	WCDMA V Ant 1 ECI 2			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	21.31	21.47	21.37	23.00	21.40	21.53	21.45	23.00	24.22	24.30	24.25	25.00
3GPP Rel 99	RMC 12.2Kbps	21.34	21.52	21.40	23.00	21.41	21.58	21.50	23.00	24.27	24.34	24.31	25.00
3GPP Rel 6	HSDPA Subtest-1	20.47	20.56	20.50	22.00	20.54	20.62	20.58	22.00	23.26	23.39	23.30	24.00
3GPP Rel 6	HSDPA Subtest-2	20.33	20.46	20.40	22.00	20.44	20.62	20.51	22.00	23.33	23.35	23.27	24.00
3GPP Rel 6	HSDPA Subtest-3	19.94	20.00	19.88	21.50	20.09	20.10	20.01	21.50	22.75	22.85	22.79	23.50
3GPP Rel 6	HSDPA Subtest-4	19.84	19.87	19.86	21.50	19.96	20.03	19.94	21.50	22.69	22.77	22.75	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.39	20.46	20.34	22.00	20.48	20.59	20.49	22.00	23.27	23.30	23.35	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.28	20.38	20.28	22.00	20.39	20.53	20.40	22.00	23.16	23.29	23.25	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.80	20.01	19.75	21.50	19.91	20.10	19.87	21.50	22.70	22.90	22.69	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.78	19.87	19.82	21.50	19.91	20.02	19.92	21.50	22.67	22.79	22.68	23.50
3GPP Rel 6	HSUPA Subtest-1	20.17	20.37	20.34	22.00	20.24	20.49	20.41	22.00	23.17	23.22	23.19	24.00
3GPP Rel 6	HSUPA Subtest-2	18.40	18.51	18.52	20.00	18.52	18.61	18.62	20.00	21.26	21.34	21.27	22.00
3GPP Rel 6	HSUPA Subtest-3	19.50	19.50	19.46	21.00	19.66	19.61	19.60	21.00	22.37	22.42	22.42	23.00
3GPP Rel 6	HSUPA Subtest-4	18.33	18.49	18.34	20.00	18.44	18.55	18.49	20.00	21.26	21.33	21.21	22.00
3GPP Rel 6	HSUPA Subtest-5	20.29	20.44	20.30	22.00	20.39	20.56	20.37	22.00	23.25	23.28	23.27	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.98	18.15	17.96	19.50	18.09	18.29	18.13	19.50	20.81	20.90	20.91	21.50

GSM1900 Ant 2 ECI 2	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	23.91	23.95	23.86	25.00	14.91	14.95	14.86	16.00
GPRS 1 Tx slot	23.82	23.95	23.75	25.00	14.82	14.95	14.75	16.00
GPRS 2 Tx slots	21.31	21.46	21.42	22.00	15.31	15.46	15.42	16.00
GPRS 3 Tx slots	19.68	19.58	19.64	20.20	15.42	15.32	15.38	15.94
GPRS 4 Tx slots	17.70	17.79	17.72	19.00	14.70	14.79	14.72	16.00
EDGE 1 Tx slot	23.79	23.80	23.80	25.00	14.79	14.80	14.80	16.00
EDGE 2 Tx slots	20.88	20.92	20.82	22.00	14.88	14.92	14.82	16.00
EDGE 3 Tx slots	18.96	19.04	19.07	20.20	14.70	14.78	14.81	15.94
EDGE 4 Tx slots	17.69	17.81	17.69	19.00	14.69	14.81	14.69	16.00

Band		WCDMA II Ant 2 ECI 2			Tune-up Limit (dBm)	WCDMA IV Ant 2 ECI 2			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	14.48	14.55	14.54	15.90	15.38	15.51	15.46	16.60
3GPP Rel 99	RMC 12.2Kbps	14.58	14.62	14.57	15.90	15.52	15.58	15.50	16.60
3GPP Rel 6	HSDPA Subtest-1	13.54	13.59	13.54	14.90	14.56	14.55	14.53	15.60
3GPP Rel 6	HSDPA Subtest-2	13.60	13.64	13.51	14.90	14.48	14.55	14.52	15.60
3GPP Rel 6	HSDPA Subtest-3	13.12	13.16	13.05	14.40	14.03	14.07	13.99	15.10
3GPP Rel 6	HSDPA Subtest-4	13.14	13.13	13.04	14.40	14.04	14.14	13.97	15.10
3GPP Rel 8	DC-HSDPA Subtest-1	13.52	13.63	13.59	14.90	14.51	14.83	14.56	15.60
3GPP Rel 8	DC-HSDPA Subtest-2	13.60	13.64	13.58	14.90	14.50	14.81	14.48	15.60
3GPP Rel 8	DC-HSDPA Subtest-3	13.10	13.07	13.09	14.40	14.00	14.10	13.96	15.10
3GPP Rel 8	DC-HSDPA Subtest-4	13.04	13.15	13.09	14.40	13.97	14.07	14.00	15.10
3GPP Rel 6	HSUPA Subtest-1	13.57	13.64	13.51	14.90	14.57	14.62	14.55	15.60
3GPP Rel 6	HSUPA Subtest-2	11.54	11.61	11.58	12.90	12.53	12.59	12.44	13.60
3GPP Rel 6	HSUPA Subtest-3	12.55	12.58	12.62	13.90	13.53	13.57	13.50	14.60
3GPP Rel 6	HSUPA Subtest-4	11.54	11.58	11.57	12.90	12.58	12.57	12.53	13.60
3GPP Rel 6	HSUPA Subtest-5	13.56	13.61	13.52	14.90	14.46	14.54	14.53	15.60
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	11.08	11.11	11.07	12.40	12.07	12.04	12.05	13.10

Band		WCDMA II Ant 3 ECI 2			Tune-up Limit (dBm)	WCDMA IV Ant 3 ECI 2			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	14.97	15.04	14.96	16.10	15.51	15.57	15.53	16.70
3GPP Rel 99	RMC 12.2Kbps	15.05	15.10	15.02	16.10	15.60	15.65	15.62	16.70
3GPP Rel 6	HSDPA Subtest-1	14.08	14.13	13.98	15.10	14.60	14.63	14.57	15.70
3GPP Rel 6	HSDPA Subtest-2	14.00	14.15	14.03	15.10	14.57	14.70	14.64	15.70
3GPP Rel 6	HSDPA Subtest-3	13.50	13.58	13.54	14.60	14.11	14.14	14.08	15.20
3GPP Rel 6	HSDPA Subtest-4	13.59	13.58	13.49	14.60	14.11	14.14	14.11	15.20
3GPP Rel 8	DC-HSDPA Subtest-1	14.00	14.13	14.04	15.10	14.62	14.63	14.67	15.70
3GPP Rel 8	DC-HSDPA Subtest-2	14.00	14.06	14.05	15.10	14.56	14.67	14.67	15.70
3GPP Rel 8	DC-HSDPA Subtest-3	13.52	13.57	13.46	14.60	14.16	14.12	14.06	15.20
3GPP Rel 8	DC-HSDPA Subtest-4	13.50	13.61	13.48	14.60	14.14	14.14	14.09	15.20
3GPP Rel 6	HSUPA Subtest-1	14.00	14.08	13.98	15.10	14.65	14.62	14.68	15.70
3GPP Rel 6	HSUPA Subtest-2	12.08	12.12	12.01	13.10	12.58	12.62	12.65	13.70
3GPP Rel 6	HSUPA Subtest-3	12.09	13.14	12.09	14.10	13.56	13.61	13.66	14.70
3GPP Rel 6	HSUPA Subtest-4	12.08	12.16	11.97	13.10	12.59	12.69	12.67	13.70
3GPP Rel 6	HSUPA Subtest-5	14.05	14.04	14.07	15.10	14.65	14.69	14.65	15.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	11.52	11.57	11.54	12.60	12.04	12.13	12.15	13.20

Band 2 Ant 0 ECI 2

BW [MHz]	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	23.25	23.27	23.24	24	0
20	QPSK	1	49	23.15	23.20	23.13		
20	QPSK	1	99	23.11	23.19	22.99		
20	QPSK	50	0	22.23	22.33	22.23	23	1
20	QPSK	50	24	22.14	22.30	22.15		
20	QPSK	50	50	22.09	22.22	22.10		
20	QPSK	100	0	22.11	22.18	22.15		
20	16QAM	1	0	22.04	22.14	22.03	23	1
20	16QAM	1	49	21.97	22.13	22.07		
20	16QAM	1	99	22.01	22.09	22.03		
20	16QAM	50	0	21.17	21.38	21.30	22	2
20	16QAM	50	24	21.38	21.38	21.28		
20	16QAM	50	50	21.18	21.26	21.14		
20	16QAM	100	0	21.14	21.31	21.13		
20	64QAM	1	0	21.27	21.32	21.19	22	2
20	64QAM	1	49	21.14	21.25	21.21		
20	64QAM	1	99	21.16	21.30	21.11		
20	64QAM	50	0	20.24	20.32	20.27	21	3
20	64QAM	50	24	20.24	20.32	20.16		
20	64QAM	50	50	20.20	20.24	20.14		
20	64QAM	100	0	20.14	20.26	20.30		
20	256QAM	1	0	18.40	18.54	18.38	19	5
20	256QAM	1	49	18.26	18.46	18.30		
20	256QAM	1	99	18.17	18.37	18.16		
20	256QAM	50	0	18.10	18.30	18.13	19	5
20	256QAM	50	24	18.20	18.28	18.18		
20	256QAM	50	50	18.16	18.37	18.23		
20	256QAM	100	0	18.23	18.37	18.25		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.21	23.22	23.21	24	0
15	QPSK	1	37	23.09	23.09	23.04		
15	QPSK	1	74	23.06	23.09	22.87		
15	QPSK	36	0	22.17	22.23	22.17	23	1
15	QPSK	36	20	22.11	22.20	22.02		
15	QPSK	36	39	21.99	22.14	21.96		
15	QPSK	75	0	22.05	22.15	22.02		
15	16QAM	1	0	21.91	22.11	21.93	23	1
15	16QAM	1	37	21.94	22.05	22.04		
15	16QAM	1	74	21.98	21.97	21.90		
15	16QAM	36	0	21.12	21.33	21.22	22	2
15	16QAM	36	20	21.33	21.28	21.21		
15	16QAM	36	39	21.08	21.17	21.03		
15	16QAM	75	0	21.07	21.27	21.03		
15	64QAM	1	0	21.17	21.20	21.12	22	2
15	64QAM	1	37	21.02	21.14	21.17		
15	64QAM	1	74	21.03	21.17	20.97		
15	64QAM	36	0	20.19	20.31	20.16	21	3
15	64QAM	36	20	20.15	20.20	20.13		
15	64QAM	36	39	20.07	20.10	20.02		
15	64QAM	75	0	20.04	20.13	20.26		
15	256QAM	1	0	18.36	18.49	18.34	19	5
15	256QAM	1	37	18.16	18.37	18.27		
15	256QAM	1	74	18.13	18.23	18.13		
15	256QAM	36	0	18.01	18.19	18.02	19	5
15	256QAM	36	20	18.16	18.22	18.11		
15	256QAM	36	39	18.02	18.26	18.18		
15	256QAM	75	0	18.13	18.32	18.22		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.20	23.19	23.19	24	0
10	QPSK	1	25	23.02	23.07	23.10		
10	QPSK	1	49	23.03	23.09	22.97		
10	QPSK	25	0	22.20	22.21	22.16	23	1
10	QPSK	25	12	22.01	22.18	22.05		
10	QPSK	25	25	21.97	22.09	22.05		
10	QPSK	50	0	22.02	22.09	22.09		
10	16QAM	1	0	21.93	22.09	21.98	23	1
10	16QAM	1	25	21.89	22.04	22.00		
10	16QAM	1	49	21.95	21.99	21.95		
10	16QAM	25	0	21.04	21.31	21.24	22	2
10	16QAM	25	12	21.31	21.35	21.18		
10	16QAM	25	25	21.09	21.23	21.06		
10	16QAM	50	0	21.05	21.18	21.02		
10	64QAM	1	0	21.20	21.25	21.07	22	2
10	64QAM	1	25	21.00	21.22	21.09		
10	64QAM	1	49	21.09	21.15	21.08		
10	64QAM	25	0	20.17	20.24	20.22	21	3
10	64QAM	25	12	20.20	20.28	20.11		
10	64QAM	25	25	20.11	20.22	20.08		
10	64QAM	50	0	20.11	20.13	20.21		
10	256QAM	1	0	18.35	18.46	18.28	19	5
10	256QAM	1	25	18.15	18.36	18.17		
10	256QAM	1	49	18.09	18.32	18.06		
10	256QAM	25	0	17.99	18.22	18.09	19	5
10	256QAM	25	12	18.16	18.16	18.07		
10	256QAM	25	25	18.10	18.30	18.18		
10	256QAM	50	0	18.16	18.26	18.14		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.13	23.19	23.18	24	0
5	QPSK	1	12	23.02	23.17	23.02		
5	QPSK	1	24	23.05	23.10	22.96		
5	QPSK	12	0	22.13	22.22	22.15	23	1
5	QPSK	12	7	22.01	22.17	22.05		
5	QPSK	12	13	22.02	22.12	22.02		
5	QPSK	25	0	21.99	22.15	22.03		
5	16QAM	1	0	21.93	22.06	21.96	23	1
5	16QAM	1	12	21.83	22.00	21.99		
5	16QAM	1	24	21.89	21.99	21.98		
5	16QAM	12	0	21.09	21.25	21.25	22	2
5	16QAM	12	7	21.31	21.33	21.16		
5	16QAM	12	13	21.14	21.22	21.09		
5	16QAM	25	0	21.07	21.19	21.03	22	2
5	64QAM	1	0	21.20	21.25	21.15		
5	64QAM	1	12	21.05	21.22	21.17		
5	64QAM	1	24	21.07	21.10	21.08		
5	64QAM	12	0	20.15	20.22	20.18	21	3
5	64QAM	12	7	20.18	20.18	20.10		
5	64QAM	12	13	20.18	20.18	20.10		
5	64QAM	25	0	20.09	20.23	20.25		
5	256QAM	1	0	18.33	18.37	18.36	19	5
5	256QAM	1	12	18.13	18.38	18.21		
5	256QAM	1	24	18.07	18.24	18.12		
5	256QAM	12	0	17.98	18.18	18.04	19	5
5	256QAM	12	7	18.10	18.16	18.16		
5	256QAM	12	13	18.05	18.29	18.10		
5	256QAM	25	0	18.16	18.31	18.22		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.14	23.23	23.19	24	0
3	QPSK	1	8	23.09	23.16	23.09		
3	QPSK	1	14	23.05	23.12	22.90		
3	QPSK	8	0	22.14	22.25	22.12	23	1
3	QPSK	8	4	22.04	22.16	22.08		
3	QPSK	8	7	22.05	22.15	21.97		
3	QPSK	15	0	21.98	22.07	22.10		
3	16QAM	1	0	21.96	22.06	21.98	23	1
3	16QAM	1	8	21.84	22.03	22.04		
3	16QAM	1	14	21.94	22.00	21.92		
3	16QAM	8	0	21.08	21.26	21.18	22	2
3	16QAM	8	4	21.25	21.27	21.23		
3	16QAM	8	7	21.04	21.26	21.04		
3	16QAM	15	0	21.01	21.24	21.02		
3	64QAM	1	0	21.17	21.26	21.15	22	2
3	64QAM	1	8	21.09	21.23	21.18		
3	64QAM	1	14	21.12	21.08	21.01		
3	64QAM	8	0	20.14	20.28	20.19	21	3
3	64QAM	8	4	20.12	20.19	20.11		
3	64QAM	8	7	20.16	20.16	20.11		
3	64QAM	15	0	20.00	20.15	20.27		
3	256QAM	1	0	18.33	18.42	18.33	19	5
3	256QAM	1	8	18.19	18.38	18.20		
3	256QAM	1	14	18.14	18.25	18.04		
3	256QAM	8	0	17.96	18.19	18.09	19	5
3	256QAM	8	4	18.09	18.19	18.13		
3	256QAM	8	7	18.03	18.28	18.16		
3	256QAM	15	0	18.14	18.29	18.20		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.10	23.21	23.09	24	0
1.4	QPSK	1	3	23.00	23.12	22.95		
1.4	QPSK	1	5	23.00	23.07	22.90		
1.4	QPSK	3	0	23.11	23.09	22.98		
1.4	QPSK	3	1	22.96	23.11	23.00		
1.4	QPSK	3	3	22.93	23.11	22.84		
1.4	QPSK	6	0	22.15	22.19	22.09	23	1
1.4	16QAM	1	0	22.04	22.07	22.00	23	1
1.4	16QAM	1	3	22.10	22.19	22.04		
1.4	16QAM	1	5	21.99	22.17	21.99		
1.4	16QAM	3	0	21.89	22.14	22.02		
1.4	16QAM	3	1	22.00	22.11	22.08		
1.4	16QAM	3	3	21.92	22.07	21.96		
1.4	16QAM	6	0	21.17	21.24	21.20	22	2
1.4	64QAM	1	0	21.25	21.25	21.20	22	2
1.4	64QAM	1	3	21.01	21.09	21.01		
1.4	64QAM	1	5	21.10	21.16	21.09		
1.4	64QAM	3	0	21.21	21.18	21.08		
1.4	64QAM	3	1	21.06	21.09	21.12		
1.4	64QAM	3	3	21.11	21.10	21.09		
1.4	64QAM	6	0	20.08	20.16	20.13	21	3
1.4	256QAM	1	0	18.37	18.30	18.29	19	5
1.4	256QAM	1	3	18.13	18.44	18.27		
1.4	256QAM	1	5	18.13	18.23	18.10		
1.4	256QAM	3	0	18.03	18.16	18.12		
1.4	256QAM	3	1	18.11	18.22	18.07		
1.4	256QAM	3	3	18.11	18.19	18.11		
1.4	256QAM	6	0	18.12	18.16	18.14	19	5

Band 4 Ant 0 ECI 2

BW [MHz]	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	23.26	23.31	23.23	24	0
20	QPSK	1	49	23.23	23.28	23.13		
20	QPSK	1	99	23.23	23.26	23.20		
20	QPSK	50	0	22.32	22.40	22.29	23	1
20	QPSK	50	24	22.23	22.35	22.14		
20	QPSK	50	50	22.25	22.35	22.35		
20	QPSK	100	0	22.18	22.36	22.22		
20	16QAM	1	0	22.26	22.37	22.15	23	1
20	16QAM	1	49	22.24	22.33	22.26		
20	16QAM	1	99	22.19	22.26	22.18		
20	16QAM	50	0	21.31	21.44	21.37	22	2
20	16QAM	50	24	21.41	21.33	21.29		
20	16QAM	50	50	21.32	21.33	21.21		
20	16QAM	100	0	21.25	21.38	21.38		
20	64QAM	1	0	21.29	21.41	21.24	22	2
20	64QAM	1	49	21.20	21.30	21.18		
20	64QAM	1	99	21.28	21.26	21.25		
20	64QAM	50	0	20.38	20.48	20.30	21	3
20	64QAM	50	24	20.38	20.39	20.28		
20	64QAM	50	50	20.25	20.42	20.25		
20	64QAM	100	0	20.18	20.36	20.18		
20	256QAM	1	0	18.51	18.56	18.39	19	5
20	256QAM	1	49	18.39	18.51	18.39		
20	256QAM	1	99	18.36	18.49	18.43		
20	256QAM	50	0	18.29	18.38	18.28	19	5
20	256QAM	50	24	18.38	18.34	18.40		
20	256QAM	50	50	18.38	18.37	18.31		
20	256QAM	100	0	18.17	18.25	18.25		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.12	23.18	23.11	24	0
15	QPSK	1	37	23.17	23.18	23.06		
15	QPSK	1	74	23.17	23.14	23.10		
15	QPSK	36	0	22.26	22.35	22.19	23	1
15	QPSK	36	20	22.10	22.27	22.11		
15	QPSK	36	39	22.22	22.28	22.28		
15	QPSK	75	0	22.12	22.29	22.07		
15	16QAM	1	0	22.20	22.29	22.08	23	1
15	16QAM	1	37	22.15	22.27	22.16		
15	16QAM	1	74	22.14	22.16	22.14		
15	16QAM	36	0	21.26	21.34	21.28	22	2
15	16QAM	36	20	21.35	21.29	21.18		
15	16QAM	36	39	21.26	21.22	21.07		
15	16QAM	75	0	21.13	21.29	21.26		
15	64QAM	1	0	21.23	21.30	21.15	22	2
15	64QAM	1	37	21.12	21.16	21.06		
15	64QAM	1	74	21.16	21.18	21.11		
15	64QAM	36	0	20.23	20.45	20.25	21	3
15	64QAM	36	20	20.29	20.33	20.22		
15	64QAM	36	39	20.20	20.35	20.12		
15	64QAM	75	0	20.07	20.23	20.07		
15	256QAM	1	0	18.42	18.48	18.28	19	5
15	256QAM	1	37	18.35	18.38	18.35		
15	256QAM	1	74	18.26	18.42	18.35		
15	256QAM	36	0	18.20	18.24	18.24	19	5
15	256QAM	36	20	18.33	18.21	18.32		
15	256QAM	36	39	18.27	18.25	18.24		
15	256QAM	75	0	18.12	18.31	18.13		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.18	23.18	23.08	24	0
10	QPSK	1	25	23.10	23.17	22.99		
10	QPSK	1	49	23.13	23.21	23.08		
10	QPSK	25	0	22.19	22.34	22.25	23	1
10	QPSK	25	12	22.12	22.26	22.05		
10	QPSK	25	25	22.22	22.21	22.22		
10	QPSK	50	0	22.04	22.30	22.19		
10	16QAM	1	0	22.20	22.33	22.07	23	1
10	16QAM	1	25	22.21	22.19	22.12		
10	16QAM	1	49	22.08	22.15	22.09		
10	16QAM	25	0	21.24	21.35	21.25	22	2
10	16QAM	25	12	21.27	21.29	21.17		
10	16QAM	25	25	21.21	21.19	21.06		
10	16QAM	50	0	21.15	21.24	21.27		
10	64QAM	1	0	21.22	21.28	21.20	22	2
10	64QAM	1	25	21.16	21.19	21.11		
10	64QAM	1	49	21.16	21.14	21.10		
10	64QAM	25	0	20.30	20.40	20.27	21	3
10	64QAM	25	12	20.27	20.29	20.16		
10	64QAM	25	25	20.14	20.38	20.14		
10	64QAM	50	0	20.04	20.24	20.08		
10	256QAM	1	0	18.47	18.51	18.34	19	5
10	256QAM	1	25	18.35	18.47	18.27		
10	256QAM	1	49	18.31	18.42	18.28		
10	256QAM	25	0	18.21	18.28	18.14	19	5
10	256QAM	25	12	18.35	18.18	18.35		
10	256QAM	25	25	18.33	18.33	18.24		
10	256QAM	50	0	18.06	18.33	18.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.17	23.21	23.08	24	0
5	QPSK	1	12	23.15	23.18	22.98		
5	QPSK	1	24	23.15	23.19	23.13		
5	QPSK	12	0	22.26	22.32	22.16	23	1
5	QPSK	12	7	22.09	22.27	22.07		
5	QPSK	12	13	22.16	22.24	22.24		
5	QPSK	25	0	22.08	22.33	22.13		
5	16QAM	1	0	22.15	22.32	22.02	23	1
5	16QAM	1	12	22.18	22.30	22.17		
5	16QAM	1	24	22.07	22.18	22.12		
5	16QAM	12	0	21.20	21.39	21.28	22	2
5	16QAM	12	7	21.26	21.23	21.23		
5	16QAM	12	13	21.18	21.26	21.08		
5	16QAM	25	0	21.10	21.32	21.23		
5	64QAM	1	0	21.23	21.34	21.20	22	2
5	64QAM	1	12	21.17	21.26	21.15		
5	64QAM	1	24	21.16	21.23	21.18		
5	64QAM	12	0	20.32	20.40	20.25	21	3
5	64QAM	12	7	20.32	20.33	20.20		
5	64QAM	12	13	20.18	20.28	20.20		
5	64QAM	25	0	20.11	20.20	20.09		
5	256QAM	1	0	18.47	18.41	18.31	19	5
5	256QAM	1	12	18.36	18.39	18.32		
5	256QAM	1	24	18.22	18.43	18.30		
5	256QAM	12	0	18.25	18.27	18.19	19	5
5	256QAM	12	7	18.33	18.24	18.33		
5	256QAM	12	13	18.35	18.27	18.22		
5	256QAM	25	0	18.11	18.24	18.18		
Channel				19963	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.13	23.28	23.17	24	0
3	QPSK	1	8	23.12	23.14	23.04		
3	QPSK	1	14	23.11	23.20	23.13		
3	QPSK	8	0	22.20	22.33	22.18	23	1
3	QPSK	8	4	22.14	22.27	22.09		
3	QPSK	8	7	22.11	22.20	22.31		
3	QPSK	15	0	22.07	22.30	22.18		
3	16QAM	1	0	22.23	22.31	22.03	23	1
3	16QAM	1	8	22.10	22.18	22.22		
3	16QAM	1	14	22.12	22.15	22.09		
3	16QAM	8	0	21.20	21.40	21.33	22	2
3	16QAM	8	4	21.28	21.30	21.23		
3	16QAM	8	7	21.24	21.21	21.10		
3	16QAM	15	0	21.14	21.33	21.26		
3	64QAM	1	0	21.24	21.31	21.09	22	2
3	64QAM	1	8	21.06	21.24	21.14		
3	64QAM	1	14	21.20	21.20	21.13		
3	64QAM	8	0	20.33	20.39	20.24	21	3
3	64QAM	8	4	20.27	20.28	20.23		
3	64QAM	8	7	20.19	20.31	20.11		
3	64QAM	15	0	20.07	20.25	20.13		
3	256QAM	1	0	18.42	18.48	18.35	19	5
3	256QAM	1	8	18.33	18.41	18.33		
3	256QAM	1	14	18.28	18.40	18.38		
3	256QAM	8	0	18.25	18.26	18.21	19	5
3	256QAM	8	4	18.28	18.26	18.30		
3	256QAM	8	7	18.27	18.18	18.21		
3	256QAM	15	0	18.09	18.22	18.13		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.17	23.24	23.18	24	0
1.4	QPSK	1	3	23.17	23.21	23.03		
1.4	QPSK	1	5	23.20	23.12	23.08		
1.4	QPSK	3	0	23.11	23.21	23.10		
1.4	QPSK	3	1	23.15	23.17	23.00		
1.4	QPSK	3	3	23.11	23.23	23.13		
1.4	QPSK	6	0	22.22	22.27	22.24	23	1
1.4	16QAM	1	0	22.10	22.22	22.00	23	1
1.4	16QAM	1	3	22.12	22.24	22.30		
1.4	16QAM	1	5	22.12	22.29	22.18		
1.4	16QAM	3	0	22.16	22.22	22.02		
1.4	16QAM	3	1	22.10	22.19	22.15		
1.4	16QAM	3	3	22.12	22.20	22.06		
1.4	16QAM	6	0	21.23	21.32	21.26	22	2
1.4	64QAM	1	0	21.37	21.19	21.21	22	2
1.4	64QAM	1	3	21.26	21.26	21.14		
1.4	64QAM	1	5	21.18	21.27	21.32		
1.4	64QAM	3	0	21.23	21.32	21.21		
1.4	64QAM	3	1	21.10	21.25	21.13		
1.4	64QAM	3	3	21.18	21.20	21.21		
1.4	64QAM	6	0	20.33	20.44	20.21	21	3
1.4	256QAM	1	0	18.36	18.43	18.32	19	5
1.4	256QAM	1	3	18.25	18.41	18.30		
1.4	256QAM	1	5	18.23	18.37	18.37		
1.4	256QAM	3	0	18.25	18.22	18.24		
1.4	256QAM	3	1	18.29	18.30	18.36		
1.4	256QAM	3	3	18.25	18.32	18.24		
1.4	256QAM	6	0	18.05	18.28	18.21	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				20459	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.01	22.18	22.11	23	0
10	QPSK	1	25	22.00	22.15	21.93		
10	QPSK	1	49	21.99	22.05	22.02		
10	QPSK	25	0	21.10	21.25	21.10	22	1
10	QPSK	25	12	21.10	21.15	20.94		
10	QPSK	25	25	21.06	21.21	21.16		
10	QPSK	50	0	20.98	21.23	20.99		
10	16QAM	1	0	21.11	21.20	21.02	22	1
10	16QAM	1	25	21.06	21.16	21.04		
10	16QAM	1	49	21.02	21.09	20.97		
10	16QAM	25	0	20.13	20.30	20.23	21	2
10	16QAM	25	12	20.25	20.16	20.10		
10	16QAM	25	25	20.08	20.12	20.01		
10	16QAM	50	0	20.11	20.14	20.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.11	22.21	22.14	23	0
10	QPSK	1	25	22.01	22.11	21.95		
10	QPSK	1	49	22.07	22.09	22.03		
10	QPSK	25	0	21.16	21.18	21.13	22	1
10	QPSK	25	12	21.09	21.15	20.98		
10	QPSK	25	25	21.03	21.13	21.15		
10	QPSK	50	0	21.01	21.09	21.06		
10	16QAM	1	0	21.02	21.18	21.00	22	1
10	16QAM	1	25	21.00	21.11	21.06		
10	16QAM	1	49	21.02	21.08	21.03		
10	16QAM	25	0	20.17	20.23	20.12	21	2
10	16QAM	25	12	20.10	20.17	20.13		
10	16QAM	25	25	20.14	20.17	20.03		
10	16QAM	50	0	20.14	20.21	20.17		
10	64QAM	1	0	20.17	20.21	20.06	21	2
10	64QAM	1	25	20.01	20.07	20.06		
10	64QAM	1	49	19.99	20.11	19.98		
10	64QAM	25	0	19.16	19.23	19.17	20	3
10	64QAM	25	12	19.18	19.21	19.10		
10	64QAM	25	25	19.09	19.17	19.08		
10	64QAM	50	0	19.03	19.17	18.96		
10	256QAM	1	0	17.30	17.29	17.18	18	5
10	256QAM	1	25	17.20	17.33	17.15		
10	256QAM	1	49	17.17	17.28	17.14		
10	256QAM	25	0	17.10	17.13	17.08	18	5
10	256QAM	25	12	17.13	17.18	17.13		
10	256QAM	25	25	17.12	17.20	17.17		
10	256QAM	50	0	17.02	17.17	17.13		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.02	22.13	22.09	23	0
5	QPSK	1	12	21.91	21.96	21.90		
5	QPSK	1	24	22.04	22.03	21.94		
5	QPSK	12	0	21.09	21.05	21.09	22	1
5	QPSK	12	7	21.01	21.06	20.91		
5	QPSK	12	13	20.89	21.04	21.11		
5	QPSK	25	0	20.97	21.01	20.92		
5	16QAM	1	0	20.94	21.08	20.92	22	1
5	16QAM	1	12	20.92	20.98	20.95		
5	16QAM	1	24	20.94	20.97	20.90		
5	16QAM	12	0	20.05	20.10	20.01	21	2
5	16QAM	12	7	19.99	20.12	20.09		
5	16QAM	12	13	20.06	20.08	19.94		
5	16QAM	25	0	20.01	20.06	20.06		
5	64QAM	1	0	20.07	20.14	20.00	21	2
5	64QAM	1	12	19.96	19.94	20.02		
5	64QAM	1	24	19.84	20.06	19.86		
5	64QAM	12	0	19.08	19.08	19.11	20	3
5	64QAM	12	7	19.07	19.08	18.98		
5	64QAM	12	13	19.01	19.11	19.01		
5	64QAM	25	0	18.93	19.02	18.85		
5	256QAM	1	0	17.24	17.21	17.12	18	5
5	256QAM	1	12	17.08	17.18	17.06		
5	256QAM	1	24	17.13	17.24	17.06		
5	256QAM	12	0	16.97	17.04	17.05	18	5
5	256QAM	12	7	16.99	17.11	17.04		
5	256QAM	12	13	17.00	17.16	17.06		
5	256QAM	25	0	16.96	17.11	16.99		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.05	22.10	22.04	23	0
3	QPSK	1	8	21.95	21.98	21.85		
3	QPSK	1	14	22.03	21.95	21.92		
3	QPSK	8	0	21.09	21.09	21.01	22	1
3	QPSK	8	4	20.95	21.04	20.90		
3	QPSK	8	7	20.97	21.00	21.07		
3	QPSK	15	0	20.88	21.00	20.96		
3	16QAM	1	0	20.96	21.10	20.96	22	1
3	16QAM	1	8	20.87	21.07	21.02		
3	16QAM	1	14	20.90	20.98	20.89		
3	16QAM	8	0	20.06	20.11	19.98	21	2
3	16QAM	8	4	20.01	20.08	20.06		
3	16QAM	8	7	20.02	20.12	19.89		
3	16QAM	15	0	20.11	20.17	20.12		
3	64QAM	1	0	20.05	20.17	19.96	21	2
3	64QAM	1	8	19.89	20.02	19.96		
3	64QAM	1	14	19.87	20.00	19.88		
3	64QAM	8	0	19.05	19.08	19.13	20	3
3	64QAM	8	4	19.11	19.07	19.06		
3	64QAM	8	7	18.96	19.07	19.04		
3	64QAM	15	0	18.93	19.11	18.92		
3	256QAM	1	0	17.22	17.18	17.09	18	5
3	256QAM	1	8	17.06	17.29	17.05		
3	256QAM	1	14	17.14	17.24	17.04		
3	256QAM	8	0	16.98	17.02	16.96	18	5
3	256QAM	8	4	17.02	17.13	17.03		
3	256QAM	8	7	17.02	17.11	17.04		
3	256QAM	15	0	16.92	17.10	17.05		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.06	22.17	22.02	23	0
1.4	QPSK	1	3	21.87	22.06	21.85		
1.4	QPSK	1	5	22.04	22.05	21.89		
1.4	QPSK	3	0	22.07	22.11	22.03		
1.4	QPSK	3	1	21.88	21.97	21.87		
1.4	QPSK	3	3	21.96	21.99	21.97		
1.4	QPSK	6	0	21.04	21.08	21.02	22	1
1.4	16QAM	1	0	20.99	21.05	20.86	22	1
1.4	16QAM	1	3	20.92	21.07	21.04		
1.4	16QAM	1	5	20.94	20.98	20.93		
1.4	16QAM	3	0	20.92	21.14	20.87		
1.4	16QAM	3	1	20.90	20.96	21.01		
1.4	16QAM	3	3	20.91	20.94	20.90		
1.4	16QAM	6	0	20.11	20.11	19.98	21	2
1.4	64QAM	1	0	19.99	20.08	20.01	21	2
1.4	64QAM	1	3	20.10	20.04	19.88		
1.4	64QAM	1	5	20.03	20.07	20.07		
1.4	64QAM	3	0	20.10	20.17	19.93		
1.4	64QAM	3	1	19.90	19.99	20.00		
1.4	64QAM	3	3	19.87	20.08	19.90		
1.4	64QAM	6	0	19.09	19.13	19.05	20	3
1.4	256QAM	1	0	17.17	17.18	17.09	18	5
1.4	256QAM	1	3	17.13	17.30	17.11		
1.4	256QAM	1	5	17.12	17.20	17.07		
1.4	256QAM	3	0	17.02	17.06	17.05		
1.4	256QAM	3	1	17.06	17.05	17.06		
1.4	256QAM	3	3	17.00	17.11	17.12		
1.4	256QAM	6	0	16.97	17.13	17.06	18	5

Band 13 Ant 0 ECI 2

BW [MHz]	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		22.20		23	0
10	QPSK	1	25		22.13			
10	QPSK	1	49		22.08			
10	QPSK	25	0		21.17		22	1
10	QPSK	25	12		21.11			
10	QPSK	25	25		21.13			
10	QPSK	50	0		21.10			
10	16QAM	1	0		21.12		22	1
10	16QAM	1	25		21.09			
10	16QAM	1	49		21.11			
10	16QAM	25	0		20.27		21	2
10	16QAM	25	12		20.22			
10	16QAM	25	25		20.18			
10	16QAM	50	0		20.25			
10	64QAM	1	0		20.19		21	2
10	64QAM	1	25		20.14			
10	64QAM	1	49		20.11			
10	64QAM	25	0		19.29		20	3
10	64QAM	25	12		19.26			
10	64QAM	25	25		19.13			
10	64QAM	50	0		19.10			
10	256QAM	1	0		17.36		18	5
10	256QAM	1	25		17.35			
10	256QAM	1	49		17.28			
10	256QAM	25	0		17.11		18	5
10	256QAM	25	12		17.18			
10	256QAM	25	25		17.26			
10	256QAM	50	0		17.19			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.10	22.16	22.13	23	0
5	QPSK	1	12	22.09	22.03	21.98		
5	QPSK	1	24	22.00	22.02	21.99		
5	QPSK	12	0	21.03	21.05	21.03	22	1
5	QPSK	12	7	20.99	20.99	21.01		
5	QPSK	12	13	21.10	21.07	21.07		
5	QPSK	25	0	21.07	21.03	21.00		
5	16QAM	1	0	21.04	21.03	21.05	22	1
5	16QAM	1	12	20.98	21.01	20.98		
5	16QAM	1	24	21.03	21.05	21.07		
5	16QAM	12	0	20.17	20.12	20.23	21	2
5	16QAM	12	7	20.13	20.08	20.17		
5	16QAM	12	13	20.05	20.07	20.14		
5	16QAM	25	0	20.14	20.17	20.15		
5	64QAM	1	0	20.11	20.12	20.06	21	2
5	64QAM	1	12	20.02	20.03	20.09		
5	64QAM	1	24	20.00	20.01	20.06		
5	64QAM	12	0	19.23	19.15	19.25	20	3
5	64QAM	12	7	19.19	19.20	19.17		
5	64QAM	12	13	19.07	19.07	19.05		
5	64QAM	25	0	19.05	19.04	19.03		
5	256QAM	1	0	17.23	17.26	17.23	18	5
5	256QAM	1	12	17.21	17.27	17.25		
5	256QAM	1	24	17.19	17.13	17.15		
5	256QAM	12	0	17.06	17.03	17.01	18	5
5	256QAM	12	7	17.04	17.05	17.08		
5	256QAM	12	13	17.17	17.15	17.22		
5	256QAM	25	0	17.12	17.11	17.15		

Band 14 Ant 0 ECI 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.31		23	0
10	QPSK	1	25		22.28			
10	QPSK	1	49		22.24			
10	QPSK	25	0		21.31		22	1
10	QPSK	25	12		21.22			
10	QPSK	25	25		21.21			
10	QPSK	50	0		21.25			
10	16QAM	1	0		21.20		22	1
10	16QAM	1	25		21.14			
10	16QAM	1	49		21.21			
10	16QAM	25	0		20.39		21	2
10	16QAM	25	12		20.36			
10	16QAM	25	25		20.34			
10	16QAM	50	0		20.30			
10	64QAM	1	0		20.34		21	2
10	64QAM	1	25		20.22			
10	64QAM	1	49		20.16			
10	64QAM	25	0		19.37		20	3
10	64QAM	25	12		19.35			
10	64QAM	25	25		19.25			
10	64QAM	50	0		19.21			
10	256QAM	1	0		17.48		18	5
10	256QAM	1	25		17.47			
10	256QAM	1	49		17.42			
10	256QAM	25	0		17.21		18	5
10	256QAM	25	12		17.23			
10	256QAM	25	25		17.41			
10	256QAM	50	0		17.33			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.19	22.27	22.21	23	0
5	QPSK	1	12	22.15	22.21	22.16		
5	QPSK	1	24	22.10	22.14	22.18		
5	QPSK	12	0	21.27	21.27	21.27	22	1
5	QPSK	12	7	21.11	21.16	21.16		
5	QPSK	12	13	21.08	21.13	21.07		
5	QPSK	25	0	21.14	21.17	21.13		
5	16QAM	1	0	21.14	21.12	21.11	22	1
5	16QAM	1	12	21.01	21.08	21.10		
5	16QAM	1	24	21.14	21.11	21.18		
5	16QAM	12	0	20.34	20.24	20.28	21	2
5	16QAM	12	7	20.24	20.30	20.28		
5	16QAM	12	13	20.26	20.31	20.26		
5	16QAM	25	0	20.22	20.18	20.22		
5	64QAM	1	0	20.26	20.24	20.25	21	2
5	64QAM	1	12	20.09	20.08	20.14		
5	64QAM	1	24	20.07	20.09	20.06		
5	64QAM	12	0	19.29	19.29	19.29	20	3
5	64QAM	12	7	19.27	19.25	19.30		
5	64QAM	12	13	19.10	19.14	19.13		
5	64QAM	25	0	19.14	19.07	19.17		
5	256QAM	1	0	17.45	17.39	17.33	18	5
5	256QAM	1	12	17.39	17.35	17.42		
5	256QAM	1	24	17.36	17.35	17.28		
5	256QAM	12	0	17.10	17.08	17.12	18	5
5	256QAM	12	7	17.15	17.14	17.08		
5	256QAM	12	13	17.27	17.28	17.34		
5	256QAM	25	0	17.28	17.20	17.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0		22.10		23	0
10	QPSK	1	25		22.08			
10	QPSK	1	49		21.95			
10	QPSK	25	0		21.14		22	1
10	QPSK	25	12		21.06			
10	QPSK	25	25		21.10			
10	QPSK	50	0		20.97			
10	16QAM	1	0		21.02		22	1
10	16QAM	1	25		21.03			
10	16QAM	1	49		21.00			
10	16QAM	25	0		20.16		21	2
10	16QAM	25	12		20.16			
10	16QAM	25	25		20.09			
10	16QAM	50	0		20.14			
10	64QAM	1	0		20.09		21	2
10	64QAM	1	25		20.09			
10	64QAM	1	49		20.06			
10	64QAM	25	0		19.18		20	3
10	64QAM	25	12		19.20			
10	64QAM	25	25		19.06			
10	64QAM	50	0		19.01			
10	256QAM	1	0		17.25		18	5
10	256QAM	1	25		17.31			
10	256QAM	1	49		17.25			
10	256QAM	25	0		16.99		18	5
10	256QAM	25	12		17.10			
10	256QAM	25	25		17.15			
10	256QAM	50	0		17.10			
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.03	22.07	22.00	23	0
5	QPSK	1	12	21.96	22.04	21.96		
5	QPSK	1	24	21.90	21.83	21.92		
5	QPSK	12	0	21.08	21.11	21.00	22	1
5	QPSK	12	7	20.96	20.97	21.02		
5	QPSK	12	13	21.02	20.96	20.96		
5	QPSK	25	0	20.94	20.89	20.91		
5	16QAM	1	0	20.94	20.95	20.90	22	1
5	16QAM	1	12	20.96	20.99	20.92		
5	16QAM	1	24	20.93	20.94	20.95		
5	16QAM	12	0	20.08	20.04	20.06	21	2
5	16QAM	12	7	20.06	20.01	20.03		
5	16QAM	12	13	19.96	19.98	20.01		
5	16QAM	25	0	20.10	20.05	20.07		
5	64QAM	1	0	19.96	19.96	19.99	21	2
5	64QAM	1	12	19.94	20.04	19.97		
5	64QAM	1	24	19.96	19.99	19.96		
5	64QAM	12	0	19.05	19.03	19.06	20	3
5	64QAM	12	7	19.11	19.14	19.11		
5	64QAM	12	13	18.95	18.93	19.00		
5	64QAM	25	0	18.92	18.90	18.90		
5	256QAM	1	0	17.19	17.19	17.17	18	5
5	256QAM	1	12	17.21	17.25	17.23		
5	256QAM	1	24	17.18	17.14	17.14		
5	256QAM	12	0	16.90	16.95	16.89	18	5
5	256QAM	12	7	17.07	17.04	17.07		
5	256QAM	12	13	17.03	17.06	17.05		
5	256QAM	25	0	16.97	16.96	17.01		

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BW [MHz]	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	23.28	23.31	23.26	24	0
20	QPSK	1	49	23.19	23.27	23.17		
20	QPSK	1	99	23.18	23.22	23.13		
20	QPSK	50	0	22.32	22.37	22.29	23	1
20	QPSK	50	24	22.22	22.33	22.20		
20	QPSK	50	50	22.16	22.30	22.17		
20	QPSK	100	0	22.23	22.29	22.25		
20	16QAM	1	0	22.10	22.23	22.13	23	1
20	16QAM	1	49	22.10	22.20	22.17		
20	16QAM	1	99	22.08	22.21	22.15		
20	16QAM	50	0	21.30	21.43	21.32	22	2
20	16QAM	50	24	21.40	21.45	21.35		
20	16QAM	50	50	21.20	21.31	21.26		
20	16QAM	100	0	21.28	21.40	21.25		
20	64QAM	1	0	21.33	21.41	21.30	22	2
20	64QAM	1	49	21.21	21.33	21.27		
20	64QAM	1	99	21.27	21.32	21.21		
20	64QAM	50	0	20.33	20.43	20.40	21	3
20	64QAM	50	24	20.32	20.42	20.28		
20	64QAM	50	50	20.22	20.36	20.26		
20	64QAM	100	0	20.24	20.38	20.35		
20	256QAM	1	0	18.50	18.56	18.41	19	5
20	256QAM	1	49	18.36	18.51	18.39		
20	256QAM	1	99	18.25	18.40	18.27		
20	256QAM	50	0	18.23	18.36	18.22	19	5
20	256QAM	50	24	18.30	18.34	18.21		
20	256QAM	50	50	18.30	18.41	18.32		
20	256QAM	100	0	18.32	18.39	18.31		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.21	23.25	23.17	24	0
15	QPSK	1	37	23.15	23.18	23.11		
15	QPSK	1	74	23.15	23.08	23.08		
15	QPSK	36	0	22.25	22.34	22.25	23	1
15	QPSK	36	20	22.19	22.29	22.12		
15	QPSK	36	39	22.11	22.27	22.11		
15	QPSK	75	0	22.18	22.25	22.17		
15	16QAM	1	0	21.99	22.10	22.02	23	1
15	16QAM	1	37	21.96	22.16	22.05		
15	16QAM	1	74	21.96	22.13	22.08		
15	16QAM	36	0	21.21	21.38	21.23	22	2
15	16QAM	36	20	21.32	21.39	21.32		
15	16QAM	36	39	21.07	21.21	21.17		
15	16QAM	75	0	21.20	21.33	21.17		
15	64QAM	1	0	21.23	21.34	21.20	22	2
15	64QAM	1	37	21.09	21.29	21.15		
15	64QAM	1	74	21.21	21.28	21.06		
15	64QAM	36	0	20.24	20.33	20.27	21	3
15	64QAM	36	20	20.24	20.29	20.19		
15	64QAM	36	39	20.08	20.23	20.17		
15	64QAM	75	0	20.20	20.34	20.23		
15	256QAM	1	0	18.40	18.48	18.35	19	5
15	256QAM	1	37	18.21	18.43	18.28		
15	256QAM	1	74	18.18	18.29	18.16		
15	256QAM	36	0	18.14	18.27	18.10	19	5
15	256QAM	36	20	18.26	18.25	18.07		
15	256QAM	36	39	18.26	18.32	18.27		
15	256QAM	75	0	18.18	18.29	18.26		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.24	23.18	23.18	24	0
10	QPSK	1	25	23.15	23.18	23.05		
10	QPSK	1	49	23.12	23.14	23.04		
10	QPSK	25	0	22.17	22.28	22.25	23	1
10	QPSK	25	12	22.14	22.19	22.10		
10	QPSK	25	25	22.07	22.21	22.04		
10	QPSK	50	0	22.19	22.19	22.13		
10	16QAM	1	0	22.05	22.10	22.08	23	1
10	16QAM	1	25	21.98	22.11	22.12		
10	16QAM	1	49	21.99	22.08	22.02		
10	16QAM	25	0	21.17	21.39	21.22	22	2
10	16QAM	25	12	21.35	21.31	21.21		
10	16QAM	25	25	21.09	21.19	21.22		
10	16QAM	50	0	21.14	21.33	21.12		
10	64QAM	1	0	21.24	21.32	21.27	22	2
10	64QAM	1	25	21.17	21.27	21.19		
10	64QAM	1	49	21.16	21.29	21.08		
10	64QAM	25	0	20.20	20.33	20.26	21	3
10	64QAM	25	12	20.24	20.32	20.23		
10	64QAM	25	25	20.14	20.30	20.17		
10	64QAM	50	0	20.17	20.34	20.27		
10	256QAM	1	0	18.47	18.53	18.26	19	5
10	256QAM	1	25	18.26	18.47	18.26		
10	256QAM	1	49	18.20	18.36	18.15		
10	256QAM	25	0	18.15	18.27	18.11	19	5
10	256QAM	25	12	18.27	18.31	18.11		
10	256QAM	25	25	18.25	18.37	18.26		
10	256QAM	50	0	18.29	18.29	18.27		
Channel				26055	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.22	23.27	23.14	24	0
5	QPSK	1	12	23.05	23.17	23.08		
5	QPSK	1	24	23.07	23.16	22.99		
5	QPSK	12	0	22.28	22.31	22.24	23	1
5	QPSK	12	7	22.16	22.27	22.16		
5	QPSK	12	13	22.12	22.17	22.05		
5	QPSK	25	0	22.14	22.23	22.16		
5	16QAM	1	0	21.99	22.09	22.01	23	1
5	16QAM	1	12	22.05	22.15	22.05		
5	16QAM	1	24	21.93	22.07	22.12		
5	16QAM	12	0	21.20	21.35	21.26	22	2
5	16QAM	12	7	21.27	21.38	21.22		
5	16QAM	12	13	21.05	21.18	21.17		
5	16QAM	25	0	21.25	21.29	21.21		
5	64QAM	1	0	21.28	21.28	21.22	22	2
5	64QAM	1	12	21.11	21.21	21.13		
5	64QAM	1	24	21.22	21.25	21.15		
5	64QAM	12	0	20.26	20.38	20.34	21	3
5	64QAM	12	7	20.28	20.38	20.15		
5	64QAM	12	13	20.10	20.32	20.16		
5	64QAM	25	0	20.14	20.26	20.30		
5	256QAM	1	0	18.37	18.45	18.29	19	5
5	256QAM	1	12	18.32	18.38	18.33		
5	256QAM	1	24	18.11	18.27	18.15		
5	256QAM	12	0	18.14	18.29	18.19	19	5
5	256QAM	12	7	18.21	18.20	18.11		
5	256QAM	12	13	18.18	18.31	18.18		
5	256QAM	25	0	18.25	18.27	18.16		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.18	23.24	23.13	24	0
3	QPSK	1	8	23.11	23.23	23.11		
3	QPSK	1	14	23.04	23.18	23.05		
3	QPSK	8	0	22.20	22.33	22.25	23	1
3	QPSK	8	4	22.10	22.20	22.15		
3	QPSK	8	7	22.09	22.16	22.10		
3	QPSK	15	0	22.15	22.21	22.17		
3	16QAM	1	0	22.03	22.11	22.06	23	1
3	16QAM	1	8	21.96	22.15	22.05		
3	16QAM	1	14	21.99	22.09	22.05		
3	16QAM	8	0	21.27	21.35	21.21	22	2
3	16QAM	8	4	21.30	21.32	21.25		
3	16QAM	8	7	21.09	21.27	21.13		
3	16QAM	15	0	21.15	21.30	21.20		
3	64QAM	1	0	21.25	21.31	21.20	22	2
3	64QAM	1	8	21.16	21.19	21.24		
3	64QAM	1	14	21.20	21.24	21.10		
3	64QAM	8	0	20.19	20.29	20.35	21	3
3	64QAM	8	4	20.27	20.35	20.16		
3	64QAM	8	7	20.17	20.32	20.14		
3	64QAM	15	0	20.17	20.27	20.23		
3	256QAM	1	0	18.38	18.46	18.37	19	5
3	256QAM	1	8	18.29	18.39	18.31		
3	256QAM	1	14	18.21	18.31	18.14		
3	256QAM	8	0	18.15	18.29	18.13	19	5
3	256QAM	8	4	18.23	18.22	18.14		
3	256QAM	8	7	18.24	18.33	18.20		
3	256QAM	15	0	18.26	18.29	18.24		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.14	23.27	23.17	24	0
1.4	QPSK	1	3	23.09	23.16	23.03		
1.4	QPSK	1	5	23.07	23.19	23.03		
1.4	QPSK	3	0	23.19	23.22	23.12		
1.4	QPSK	3	1	23.09	23.13	23.05		
1.4	QPSK	3	3	23.03	23.15	22.98		
1.4	QPSK	6	0	22.22	22.32	22.20	23	1
1.4	16QAM	1	0	22.10	22.19	22.08	23	1
1.4	16QAM	1	3	22.12	22.25	22.10		
1.4	16QAM	1	5	22.12	22.23	22.12		
1.4	16QAM	3	0	21.98	22.19	22.08		
1.4	16QAM	3	1	22.04	22.13	22.12		
1.4	16QAM	3	3	22.04	22.10	22.10		
1.4	16QAM	6	0	21.21	21.32	21.26	22	2
1.4	64QAM	1	0	21.35	21.31	21.23	22	2
1.4	64QAM	1	3	21.05	21.16	21.13		
1.4	64QAM	1	5	21.20	21.27	21.18		
1.4	64QAM	3	0	21.27	21.28	21.17		
1.4	64QAM	3	1	21.15	21.20	21.16		
1.4	64QAM	3	3	21.19	21.22	21.12		
1.4	64QAM	6	0	20.20	20.28	20.26	21	3
1.4	256QAM	1	0	18.42	18.44	18.37	19	5
1.4	256QAM	1	3	18.24	18.47	18.30		
1.4	256QAM	1	5	18.20	18.30	18.17		
1.4	256QAM	3	0	18.09	18.22	18.16		
1.4	256QAM	3	1	18.19	18.28	18.09		
1.4	256QAM	3	3	18.15	18.31	18.23		
1.4	256QAM	6	0	18.19	18.26	18.20	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.17	22.22	22.13	23	0
15	QPSK	1	37	22.16	22.18	22.10		
15	QPSK	1	74	22.15	22.16	22.10		
15	QPSK	36	0	21.25	21.30	21.21	22	1
15	QPSK	36	20	21.12	21.16	21.09		
15	QPSK	36	39	21.18	21.20	21.26		
15	QPSK	75	0	21.08	21.29	21.13		
15	16QAM	1	0	21.17	21.20	21.05	22	1
15	16QAM	1	37	21.21	21.20	21.09		
15	16QAM	1	74	21.03	21.16	21.08		
15	16QAM	36	0	20.25	20.26	20.20	21	2
15	16QAM	36	20	20.24	20.31	20.28		
15	16QAM	36	39	20.17	20.26	20.13		
15	16QAM	75	0	20.20	20.29	20.25		
15	64QAM	1	0	20.25	20.30	20.08	21	2
15	64QAM	1	37	20.12	20.28	20.11		
15	64QAM	1	74	20.16	20.23	20.06		
15	64QAM	36	0	19.19	19.41	19.24	20	3
15	64QAM	36	20	19.27	19.31	19.25		
15	64QAM	36	39	19.12	19.29	19.15		
15	64QAM	75	0	19.16	19.22	19.12		
15	256QAM	1	0	17.32	17.38	17.29	18	5
15	256QAM	1	37	17.34	17.39	17.21		
15	256QAM	1	74	17.21	17.40	17.24		
15	256QAM	36	0	17.27	17.29	17.16	18	5
15	256QAM	36	20	17.24	17.25	17.28		
15	256QAM	36	39	17.24	17.26	17.23		
15	256QAM	75	0	17.08	17.30	17.17		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.10	22.19	22.05	23	0
10	QPSK	1	25	22.09	22.11	22.01		
10	QPSK	1	49	22.03	22.08	22.04		
10	QPSK	25	0	21.18	21.26	21.18	22	1
10	QPSK	25	12	21.05	21.05	20.96		
10	QPSK	25	25	21.10	21.17	21.21		
10	QPSK	50	0	20.93	21.20	21.08		
10	16QAM	1	0	21.04	21.10	20.95	22	1
10	16QAM	1	25	21.10	21.14	20.96		
10	16QAM	1	49	20.94	21.12	21.05		
10	16QAM	25	0	20.13	20.18	20.07	21	2
10	16QAM	25	12	20.20	20.23	20.14		
10	16QAM	25	25	20.13	20.12	19.99		
10	16QAM	50	0	20.06	20.25	20.19		
10	64QAM	1	0	20.17	20.23	19.96	21	2
10	64QAM	1	25	19.97	20.13	19.98		
10	64QAM	1	49	20.03	20.13	20.00		
10	64QAM	25	0	19.15	19.28	19.16	20	3
10	64QAM	25	12	19.19	19.24	19.11		
10	64QAM	25	25	19.02	19.23	19.01		
10	64QAM	50	0	19.07	19.19	19.04		
10	256QAM	1	0	17.25	17.31	17.23	18	5
10	256QAM	1	25	17.19	17.30	17.07		
10	256QAM	1	49	17.12	17.33	17.13		
10	256QAM	25	0	17.21	17.20	17.12	18	5
10	256QAM	25	12	17.09	17.16	17.18		
10	256QAM	25	25	17.09	17.18	17.11		
10	256QAM	50	0	16.97	17.16	17.08		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.13	22.08	22.03	23	0
5	QPSK	1	12	22.04	22.09	22.02		
5	QPSK	1	24	22.11	22.04	22.03		
5	QPSK	12	0	21.22	21.17	21.11	22	1
5	QPSK	12	7	21.00	21.02	20.96		
5	QPSK	12	13	21.09	21.06	21.12		
5	QPSK	25	0	20.97	21.24	21.10		
5	16QAM	1	0	21.06	21.15	20.92	22	1
5	16QAM	1	12	21.11	21.06	20.95		
5	16QAM	1	24	20.91	21.06	20.93		
5	16QAM	12	0	20.17	20.17	20.11	21	2
5	16QAM	12	7	20.13	20.27	20.15		
5	16QAM	12	13	20.11	20.12	20.00		
5	16QAM	25	0	20.15	20.20	20.22		
5	64QAM	1	0	20.20	20.24	20.00	21	2
5	64QAM	1	12	20.08	20.23	19.98		
5	64QAM	1	24	20.08	20.09	19.96		
5	64QAM	12	0	19.10	19.37	19.09	20	3
5	64QAM	12	7	19.22	19.24	19.14		
5	64QAM	12	13	19.08	19.18	19.08		
5	64QAM	25	0	19.08	19.08	19.08		
5	256QAM	1	0	17.28	17.25	17.16	18	5
5	256QAM	1	12	17.21	17.33	17.07		
5	256QAM	1	24	17.10	17.36	17.20		
5	256QAM	12	0	17.22	17.15	17.10	18	5
5	256QAM	12	7	17.12	17.17	17.21		
5	256QAM	12	13	17.11	17.13	17.17		
5	256QAM	25	0	16.95	17.19	17.13		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.03	22.13	21.99	23	0
3	QPSK	1	8	22.04	22.11	21.99		
3	QPSK	1	14	22.05	22.05	21.96		
3	QPSK	8	0	21.16	21.17	21.07	22	1
3	QPSK	8	4	21.03	21.02	20.94		
3	QPSK	8	7	21.08	21.11	21.20		
3	QPSK	15	0	21.02	21.26	21.02		
3	16QAM	1	0	21.10	21.09	20.93	22	1
3	16QAM	1	8	21.14	21.05	21.01		
3	16QAM	1	14	20.88	21.06	21.01		
3	16QAM	8	0	20.12	20.13	20.14	21	2
3	16QAM	8	4	20.11	20.26	20.14		
3	16QAM	8	7	20.09	20.20	20.06		
3	16QAM	15	0	20.16	20.19	20.11		
3	64QAM	1	0	20.11	20.24	19.94	21	2
3	64QAM	1	8	20.09	20.17	20.07		
3	64QAM	1	14	20.07	20.13	19.94		
3	64QAM	8	0	19.06	19.31	19.18	20	3
3	64QAM	8	4	19.16	19.27	19.14		
3	64QAM	8	7	19.06	19.15	19.01		
3	64QAM	15	0	19.12	19.15	19.03		
3	256QAM	1	0	17.21	17.35	17.19	18	5
3	256QAM	1	8	17.23	17.30	17.14		
3	256QAM	1	14	17.15	17.36	17.18		
3	256QAM	8	0	17.18	17.14	17.12	18	5
3	256QAM	8	4	17.12	17.21	17.17		
3	256QAM	8	7	17.21	17.13	17.17		
3	256QAM	15	0	17.01	17.17	17.02		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.08	22.16	22.06	23	0
1.4	QPSK	1	3	22.02	22.10	21.96		
1.4	QPSK	1	5	22.02	22.12	22.01		
1.4	QPSK	3	0	22.06	22.12	22.02		
1.4	QPSK	3	1	22.08	22.10	21.99		
1.4	QPSK	3	3	22.08	22.01	21.99		
1.4	QPSK	6	0	21.16	21.17	21.16	22	1
1.4	16QAM	1	0	21.04	21.10	21.04	22	1
1.4	16QAM	1	3	21.07	21.17	21.19		
1.4	16QAM	1	5	21.04	21.22	21.03		
1.4	16QAM	3	0	21.05	21.05	20.92		
1.4	16QAM	3	1	21.10	21.13	21.04		
1.4	16QAM	3	3	20.95	21.12	20.99		
1.4	16QAM	6	0	20.14	20.13	20.16	21	2
1.4	64QAM	1	0	20.19	20.22	20.19	21	2
1.4	64QAM	1	3	20.05	20.18	20.06		
1.4	64QAM	1	5	20.13	20.16	20.11		
1.4	64QAM	3	0	20.16	20.16	20.04		
1.4	64QAM	3	1	20.07	20.22	20.02		
1.4	64QAM	3	3	20.07	20.12	19.90		
1.4	64QAM	6	0	19.13	19.29	19.15	20	3
1.4	256QAM	1	0	17.18	17.27	17.17	18	5
1.4	256QAM	1	3	17.30	17.24	17.17		
1.4	256QAM	1	5	17.06	17.27	17.10		
1.4	256QAM	3	0	17.24	17.21	17.11		
1.4	256QAM	3	1	17.14	17.22	17.22		
1.4	256QAM	3	3	17.12	17.12	17.15		
1.4	256QAM	6	0	17.00	17.16	17.07	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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		24.20		25	0
10	QPSK	1	25		24.17			
10	QPSK	1	49		24.16			
10	QPSK	25	0		23.31		24	1
10	QPSK	25	12		23.21			
10	QPSK	25	25		23.24			
10	QPSK	50	0		23.31			
10	16QAM	1	0		23.27		24	1
10	16QAM	1	25		23.25			
10	16QAM	1	49		23.19			
10	16QAM	25	0		22.32		23	2
10	16QAM	25	12		22.26			
10	16QAM	25	25		22.25			
10	16QAM	50	0		22.29			
10	64QAM	1	0		22.28		23	2
10	64QAM	1	25		22.24			
10	64QAM	1	49		22.18			
10	64QAM	25	0		21.34		22	3
10	64QAM	25	12		21.32			
10	64QAM	25	25		21.33			
10	64QAM	50	0		21.34			
10	256QAM	1	0		19.47		20	5
10	256QAM	1	25		19.41			
10	256QAM	1	49		19.28			
10	256QAM	25	0		19.21		20	5
10	256QAM	25	12		19.32			
10	256QAM	25	25		19.33			
10	256QAM	50	0		19.24			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	24.05	24.15	24.12	25	0
5	QPSK	1	12	24.03	24.08	24.09		
5	QPSK	1	24	24.02	24.02	24.03		
5	QPSK	12	0	23.22	23.17	23.25	24	1
5	QPSK	12	7	23.12	23.15	23.11		
5	QPSK	12	13	23.14	23.11	23.10		
5	QPSK	25	0	23.18	23.21	23.27		
5	16QAM	1	0	23.24	23.18	23.13	24	1
5	16QAM	1	12	23.15	23.14	23.15		
5	16QAM	1	24	23.14	23.16	23.05		
5	16QAM	12	0	22.21	22.18	22.24	23	2
5	16QAM	12	7	22.14	22.13	22.17		
5	16QAM	12	13	22.12	22.20	22.13		
5	16QAM	25	0	22.15	22.16	22.22		
5	64QAM	1	0	22.19	22.16	22.14	23	2
5	64QAM	1	12	22.12	22.13	22.19		
5	64QAM	1	24	22.06	22.07	22.12		
5	64QAM	12	0	21.20	21.21	21.27	22	3
5	64QAM	12	7	21.20	21.25	21.25		
5	64QAM	12	13	21.24	21.18	21.21		
5	64QAM	25	0	21.15	21.14	21.13		
5	256QAM	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.21	23.37	23.24	24	0
20	QPSK	1	49	23.18	23.23	23.15		
20	QPSK	1	99	23.23	23.25	23.18		
20	QPSK	50	0	22.25	22.34	22.23	23	1
20	QPSK	50	24	22.24	22.21	22.18		
20	QPSK	50	50	22.24	22.26	22.22		
20	QPSK	100	0	22.16	22.35	22.20		
20	16QAM	1	0	22.21	22.37	22.23	23	1
20	16QAM	1	49	22.19	22.25	22.15		
20	16QAM	1	99	22.01	22.21	22.11		
20	16QAM	50	0	21.29	21.36	21.30	22	2
20	16QAM	50	24	21.36	21.44	21.29		
20	16QAM	50	50	21.36	21.28	21.12		
20	16QAM	100	0	21.20	21.39	21.23		
20	64QAM	1	0	21.35	21.30	21.20	22	2
20	64QAM	1	49	21.14	21.37	21.17		
20	64QAM	1	99	21.18	21.22	21.21		
20	64QAM	50	0	20.34	20.45	20.34	21	3
20	64QAM	50	24	20.22	20.38	20.24		
20	64QAM	50	50	20.14	20.22	20.22		
20	64QAM	100	0	20.18	20.25	20.07		
20	256QAM	1	0	18.46	18.44	18.33	19	5
20	256QAM	1	49	18.23	18.38	18.20		
20	256QAM	1	99	18.31	18.39	18.33		
20	256QAM	50	0	18.24	18.38	18.32	19	5
20	256QAM	50	24	18.28	18.37	18.35		
20	256QAM	50	50	18.28	18.41	18.30		
20	256QAM	100	0	18.15	18.37	18.25		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.06	23.11	23.06	24	0
15	QPSK	1	37	23.02	23.08	23.07		
15	QPSK	1	74	23.03	23.07	23.09		
15	QPSK	36	0	22.09	22.16	22.11	23	1
15	QPSK	36	20	22.02	22.12	21.98		
15	QPSK	36	39	22.12	22.23	22.12		
15	QPSK	75	0	22.07	22.17	22.07		
15	16QAM	1	0	22.11	22.17	22.07	23	1
15	16QAM	1	37	22.06	22.07	22.07		
15	16QAM	1	74	21.94	22.06	21.96		
15	16QAM	36	0	21.19	21.12	21.13	22	2
15	16QAM	36	20	21.24	21.30	21.18		
15	16QAM	36	39	21.12	21.26	21.03		
15	16QAM	75	0	21.05	21.27	21.10		
15	64QAM	1	0	21.15	21.14	21.13	22	2
15	64QAM	1	37	21.05	21.17	20.96		
15	64QAM	1	74	21.10	21.01	21.03		
15	64QAM	36	0	20.09	20.33	20.20	21	3
15	64QAM	36	20	20.19	20.32	20.20		
15	64QAM	36	39	20.05	20.15	20.19		
15	64QAM	75	0	20.03	20.12	19.95		
15	256QAM	1	0	18.29	18.22	18.28	19	5
15	256QAM	1	37	18.13	18.29	18.08		
15	256QAM	1	74	18.13	18.16	18.23		
15	256QAM	36	0	18.16	18.24	18.16	19	5
15	256QAM	36	20	18.13	18.23	18.24		
15	256QAM	36	39	18.18	18.30	18.26		
15	256QAM	75	0	18.06	18.16	18.12		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.09	23.12	23.15	24	0
10	QPSK	1	25	23.06	23.12	22.97		
10	QPSK	1	49	23.04	23.08	23.00		
10	QPSK	25	0	22.18	22.15	22.13	23	1
10	QPSK	25	12	21.99	22.09	21.98		
10	QPSK	25	25	22.06	22.22	22.12		
10	QPSK	50	0	21.97	22.25	22.04		
10	16QAM	1	0	22.11	22.16	22.07	23	1
10	16QAM	1	25	22.12	22.11	21.98		
10	16QAM	1	49	21.93	22.11	21.96		
10	16QAM	25	0	21.19	21.15	21.23	22	2
10	16QAM	25	12	21.28	21.22	21.21		
10	16QAM	25	25	21.11	21.21	20.96		
10	16QAM	50	0	21.11	21.19	21.16		
10	64QAM	1	0	21.16	21.13	21.06	22	2
10	64QAM	1	25	21.08	21.16	21.01		
10	64QAM	1	49	21.07	21.05	21.01		
10	64QAM	25	0	20.14	20.32	20.15	21	3
10	64QAM	25	12	20.15	20.22	20.14		
10	64QAM	25	25	19.99	20.20	20.14		
10	64QAM	50	0	20.07	20.20	20.02		
10	256QAM	1	0	18.24	18.28	18.28	19	5
10	256QAM	1	25	18.16	18.36	18.09		
10	256QAM	1	49	18.11	18.16	18.19		
10	256QAM	25	0	18.09	18.23	18.17	19	5
10	256QAM	25	12	18.19	18.17	18.26		
10	256QAM	25	25	18.12	18.21	18.25		
10	256QAM	50	0	18.10	18.22	18.09		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.05	23.22	23.18	24	0
5	QPSK	1	12	23.05	23.11	23.07		
5	QPSK	1	24	23.12	23.06	23.00		
5	QPSK	12	0	22.10	22.15	22.02	23	1
5	QPSK	12	7	22.02	22.09	22.02		
5	QPSK	12	13	22.11	22.13	22.03		
5	QPSK	25	0	22.05	22.26	22.07		
5	16QAM	1	0	22.06	22.16	22.09	23	1
5	16QAM	1	12	22.12	22.13	21.98		
5	16QAM	1	24	21.98	22.06	21.98		
5	16QAM	12	0	21.24	21.12	21.15	22	2
5	16QAM	12	7	21.21	21.30	21.14		
5	16QAM	12	13	21.12	21.19	20.94		
5	16QAM	25	0	21.00	21.22	21.13		
5	64QAM	1	0	21.16	21.14	21.08	22	2
5	64QAM	1	12	20.97	21.19	20.99		
5	64QAM	1	24	21.09	21.07	21.06		
5	64QAM	12	0	20.19	20.30	20.13	21	3
5	64QAM	12	7	20.09	20.28	20.11		
5	64QAM	12	13	20.07	20.14	20.08		
5	64QAM	25	0	20.09	20.20	19.99		
5	256QAM	1	0	18.24	18.33	18.18	19	5
5	256QAM	1	12	18.15	18.27	18.15		
5	256QAM	1	24	18.15	18.20	18.17		
5	256QAM	12	0	18.15	18.23	18.08	19	5
5	256QAM	12	7	18.09	18.17	18.20		
5	256QAM	12	13	18.15	18.30	18.19		
5	256QAM	25	0	17.99	18.25	18.13		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.05	23.19	23.09	24	0
3	QPSK	1	8	23.05	23.12	22.99		
3	QPSK	1	14	23.09	23.11	23.06		
3	QPSK	8	0	22.17	22.22	22.13	23	1
3	QPSK	8	4	22.05	22.12	21.97		
3	QPSK	8	7	22.12	22.12	22.06		
3	QPSK	15	0	22.06	22.20	22.04		
3	16QAM	1	0	22.01	22.21	22.12	23	1
3	16QAM	1	8	22.12	22.05	22.02		
3	16QAM	1	14	21.92	22.11	21.90		
3	16QAM	8	0	21.16	21.19	21.22	22	2
3	16QAM	8	4	21.18	21.30	21.17		
3	16QAM	8	7	21.21	21.18	21.04		
3	16QAM	15	0	21.02	21.21	21.10		
3	64QAM	1	0	21.17	21.09	21.06	22	2
3	64QAM	1	8	21.02	21.20	21.00		
3	64QAM	1	14	21.07	21.01	21.00		
3	64QAM	8	0	20.19	20.33	20.20	21	3
3	64QAM	8	4	20.12	20.24	20.10		
3	64QAM	8	7	19.99	20.09	20.13		
3	64QAM	15	0	20.06	20.21	19.99		
3	256QAM	1	0	18.29	18.25	18.17	19	5
3	256QAM	1	8	18.17	18.26	18.17		
3	256QAM	1	14	18.10	18.21	18.21		
3	256QAM	8	0	18.16	18.16	18.11	19	5
3	256QAM	8	4	18.11	18.24	18.26		
3	256QAM	8	7	18.21	18.30	18.26		
3	256QAM	15	0	18.04	18.23	18.03		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.08	23.21	23.11	24	0
1.4	QPSK	1	3	22.97	23.06	23.05		
1.4	QPSK	1	5	23.09	23.06	22.99		
1.4	QPSK	3	0	23.14	23.18	23.09		
1.4	QPSK	3	1	23.01	23.14	22.98		
1.4	QPSK	3	3	23.04	23.04	23.06		
1.4	QPSK	6	0	22.17	22.19	22.07	23	1
1.4	16QAM	1	0	22.00	22.07	22.02	23	1
1.4	16QAM	1	3	22.07	22.13	22.03		
1.4	16QAM	1	5	22.00	22.23	22.12		
1.4	16QAM	3	0	22.07	22.19	22.11		
1.4	16QAM	3	1	22.16	22.12	22.03		
1.4	16QAM	3	3	21.87	22.08	21.94		
1.4	16QAM	6	0	21.15	21.13	21.21	22	2
1.4	64QAM	1	0	21.26	21.24	21.25	22	2
1.4	64QAM	1	3	21.21	21.16	21.03		
1.4	64QAM	1	5	21.09	21.27	21.15		
1.4	64QAM	3	0	21.19	21.19	21.07		
1.4	64QAM	3	1	20.99	21.16	21.03		
1.4	64QAM	3	3	21.15	21.06	21.05		
1.4	64QAM	6	0	20.18	20.34	20.17	21	3
1.4	256QAM	1	0	18.33	18.22	18.19	19	5
1.4	256QAM	1	3	18.21	18.29	18.15		
1.4	256QAM	1	5	18.08	18.23	18.17		
1.4	256QAM	3	0	18.16	18.25	18.16		
1.4	256QAM	3	1	18.17	18.20	18.21		
1.4	256QAM	3	3	18.13	18.27	18.27		
1.4	256QAM	6	0	18.02	18.25	18.14	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.51	22.54	22.52	24	0
20	QPSK	1	49	22.42	22.46	22.46		
20	QPSK	1	99	22.51	22.45	22.44		
20	QPSK	50	0	21.49	21.60	21.50	23	1
20	QPSK	50	24	21.43	21.46	21.35		
20	QPSK	50	50	21.44	21.53	21.47		
20	QPSK	100	0	21.48	21.61	21.52		
20	16QAM	1	0	21.49	21.53	21.46	23	1
20	16QAM	1	49	21.53	21.54	21.42		
20	16QAM	1	99	21.33	21.55	21.39		
20	16QAM	50	0	20.58	20.54	20.56	22	2
20	16QAM	50	24	20.68	20.60	20.54		
20	16QAM	50	50	20.56	20.61	20.33		
20	16QAM	100	0	20.48	20.68	20.58		
20	64QAM	1	0	20.60	20.61	20.52	22	2
20	64QAM	1	49	20.47	20.61	20.37		
20	64QAM	1	99	20.53	20.46	20.39		
20	64QAM	50	0	19.51	19.78	19.58	21	3
20	64QAM	50	24	19.49	19.70	19.54		
20	64QAM	50	50	19.47	19.52	19.59		
20	64QAM	100	0	19.48	19.53	19.33		
20	256QAM	1	0	17.66	17.67	17.66	19	5
20	256QAM	1	49	17.50	17.71	17.47		
20	256QAM	1	99	17.49	17.58	17.65		
20	256QAM	50	0	17.56	17.65	17.57	19	5
20	256QAM	50	24	17.50	17.54	17.64		
20	256QAM	50	50	17.62	17.62	17.68		
20	256QAM	100	0	17.48	17.57	17.54		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.43	22.50	22.39	24	0
15	QPSK	1	37	22.32	22.41	22.39		
15	QPSK	1	74	22.40	22.35	22.32		
15	QPSK	36	0	21.37	21.51	21.36	23	1
15	QPSK	36	20	21.37	21.36	21.20		
15	QPSK	36	39	21.32	21.48	21.38		
15	QPSK	75	0	21.36	21.58	21.40		
15	16QAM	1	0	21.35	21.40	21.41	23	1
15	16QAM	1	37	21.38	21.48	21.36		
15	16QAM	1	74	21.23	21.51	21.35		
15	16QAM	36	0	20.52	20.48	20.42	22	2
15	16QAM	36	20	20.64	20.54	20.50		
15	16QAM	36	39	20.50	20.50	20.27		
15	16QAM	75	0	20.42	20.57	20.52		
15	64QAM	1	0	20.56	20.51	20.37	22	2
15	64QAM	1	37	20.32	20.50	20.26		
15	64QAM	1	74	20.47	20.32	20.29		
15	64QAM	36	0	19.37	19.68	19.50	21	3
15	64QAM	36	20	19.36	19.59	19.41		
15	64QAM	36	39	19.38	19.45	19.50		
15	64QAM	75	0	19.34	19.48	19.27		
15	256QAM	1	0	17.59	17.55	17.62	19	5
15	256QAM	1	37	17.38	17.62	17.35		
15	256QAM	1	74	17.41	17.48	17.51		
15	256QAM	36	0	17.52	17.55	17.50	19	5
15	256QAM	36	20	17.42	17.45	17.56		
15	256QAM	36	39	17.58	17.52	17.60		
15	256QAM	75	0	17.35	17.48	17.49		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.36	22.42	22.46	24	0
10	QPSK	1	25	22.34	22.31	22.36		
10	QPSK	1	49	22.45	22.36	22.35		
10	QPSK	25	0	21.34	21.55	21.36	23	1
10	QPSK	25	12	21.31	21.39	21.24		
10	QPSK	25	25	21.40	21.47	21.33		
10	QPSK	50	0	21.44	21.52	21.39		
10	16QAM	1	0	21.34	21.39	21.42	23	1
10	16QAM	1	25	21.39	21.51	21.28		
10	16QAM	1	49	21.22	21.43	21.31		
10	16QAM	25	0	20.46	20.49	20.49	22	2
10	16QAM	25	12	20.57	20.48	20.43		
10	16QAM	25	25	20.41	20.53	20.24		
10	16QAM	50	0	20.43	20.58	20.45		
10	64QAM	1	0	20.56	20.47	20.39	22	2
10	64QAM	1	25	20.36	20.48	20.29		
10	64QAM	1	49	20.44	20.40	20.30		
10	64QAM	25	0	19.47	19.73	19.44	21	3
10	64QAM	25	12	19.40	19.59	19.44		
10	64QAM	25	25	19.40	19.42	19.54		
10	64QAM	50	0	19.36	19.39	19.22		
10	256QAM	1	0	17.58	17.61	17.55	19	5
10	256QAM	1	25	17.38	17.59	17.41		
10	256QAM	1	49	17.43	17.55	17.56		
10	256QAM	25	0	17.45	17.56	17.49	19	5
10	256QAM	25	12	17.38	17.46	17.56		
10	256QAM	25	25	17.52	17.57	17.55		
10	256QAM	50	0	17.33	17.47	17.40		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.46	22.51	22.42	24	0
5	QPSK	1	12	22.31	22.34	22.32		
5	QPSK	1	24	22.39	22.31	22.33		
5	QPSK	12	0	21.43	21.49	21.44	23	1
5	QPSK	12	7	21.33	21.40	21.27		
5	QPSK	12	13	21.29	21.48	21.44		
5	QPSK	25	0	21.34	21.49	21.44		
5	16QAM	1	0	21.36	21.44	21.35	23	1
5	16QAM	1	12	21.43	21.42	21.32		
5	16QAM	1	24	21.19	21.43	21.27		
5	16QAM	12	0	20.51	20.45	20.43	22	2
5	16QAM	12	7	20.65	20.51	20.47		
5	16QAM	12	13	20.46	20.49	20.21		
5	16QAM	25	0	20.35	20.55	20.48	22	2
5	64QAM	1	0	20.53	20.49	20.41		
5	64QAM	1	12	20.42	20.48	20.28		
5	64QAM	1	24	20.42	20.34	20.31		
5	64QAM	12	0	19.41	19.69	19.49	21	3
5	64QAM	12	7	19.39	19.60	19.50		
5	64QAM	12	13	19.43	19.38	19.51		
5	64QAM	25	0	19.35	19.49	19.20		
5	256QAM	1	0	17.56	17.62	17.55	19	5
5	256QAM	1	12	17.43	17.56	17.33		
5	256QAM	1	24	17.36	17.52	17.61		
5	256QAM	12	0	17.45	17.53	17.46	19	5
5	256QAM	12	7	17.38	17.51	17.55		
5	256QAM	12	13	17.53	17.58	17.58		
5	256QAM	25	0	17.33	17.51	17.49		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.30	24.35	24.31		
20	QPSK	1	49	24.26	24.30	24.16	25	0
20	QPSK	1	99	24.20	24.26	24.19		
20	QPSK	50	0	23.27	23.42	23.37		
20	QPSK	50	24	23.27	23.31	23.19	24	1
20	QPSK	50	50	23.23	23.33	23.29		
20	QPSK	100	0	23.19	23.31	23.21		
20	16QAM	1	0	23.19	23.28	23.18		
20	16QAM	1	49	23.30	23.32	23.18	24	1
20	16QAM	1	99	23.11	23.26	23.14		
20	16QAM	50	0	22.34	22.37	22.39		
20	16QAM	50	24	22.42	22.34	22.41	23	2
20	16QAM	50	50	22.30	22.38	22.17		
20	16QAM	100	0	22.33	22.40	22.30		
20	64QAM	1	0	22.34	22.33	22.29		
20	64QAM	1	49	22.21	22.36	22.21	23	2
20	64QAM	1	99	22.26	22.33	22.23		
20	64QAM	50	0	21.32	21.53	21.38		
20	64QAM	50	24	21.37	21.42	21.32	22	3
20	64QAM	50	50	21.22	21.33	21.21		
20	64QAM	100	0	21.19	21.36	21.16		
20	256QAM	1	0	19.48	19.49	19.40		
20	256QAM	1	49	19.37	19.55	19.41	20	5
20	256QAM	1	99	19.30	19.47	19.40		
20	256QAM	50	0	19.33	19.35	19.26		
20	256QAM	50	24	19.30	19.40	19.32	20	5
20	256QAM	50	50	19.30	19.42	19.39		
20	256QAM	100	0	19.28	19.34	19.30		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	24.17	24.23	24.27		
15	QPSK	1	37	24.15	24.21	24.02	25	0
15	QPSK	1	74	24.08	24.17	24.05		
15	QPSK	36	0	23.14	23.31	23.33		
15	QPSK	36	20	23.13	23.23	23.08	24	1
15	QPSK	36	39	23.09	23.25	23.17		
15	QPSK	75	0	23.11	23.17	23.13		
15	16QAM	1	0	23.06	23.14	23.11		
15	16QAM	1	37	23.16	23.19	23.05	24	1
15	16QAM	1	74	23.07	23.15	23.04		
15	16QAM	36	0	22.26	22.33	22.27		
15	16QAM	36	20	22.39	22.25	22.32	23	2
15	16QAM	36	39	22.21	22.24	22.08		
15	16QAM	75	0	22.29	22.34	22.23		
15	64QAM	1	0	22.22	22.29	22.26		
15	64QAM	1	37	22.17	22.31	22.16	23	2
15	64QAM	1	74	22.15	22.25	22.13		
15	64QAM	36	0	21.28	21.48	21.26		
15	64QAM	36	20	21.25	21.32	21.17	22	3
15	64QAM	36	39	21.18	21.22	21.13		
15	64QAM	75	0	21.12	21.21	21.12		
15	256QAM	1	0	19.38	19.38	19.26		
15	256QAM	1	37	19.31	19.48	19.29	20	5
15	256QAM	1	74	19.22	19.33	19.29		
15	256QAM	36	0	19.25	19.26	19.20		
15	256QAM	36	20	19.16	19.37	19.19	20	5
15	256QAM	36	39	19.17	19.35	19.30		
15	256QAM	75	0	19.18	19.21	19.18		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	24.19	24.29	24.16		
10	QPSK	1	25	24.20	24.24	24.09	25	0
10	QPSK	1	49	24.08	24.17	24.12		
10	QPSK	25	0	23.19	23.27	23.31		
10	QPSK	25	12	23.18	23.17	23.08	24	1
10	QPSK	25	25	23.13	23.27	23.16		
10	QPSK	50	0	23.12	23.28	23.07		
10	16QAM	1	0	23.07	23.14	23.15		
10	16QAM	1	25	23.26	23.22	23.06	24	1
10	16QAM	1	49	22.98	23.11	23.08		
10	16QAM	25	0	22.30	22.27	22.26		
10	16QAM	25	12	22.36	22.22	22.32	23	2
10	16QAM	25	25	22.27	22.24	22.14		
10	16QAM	50	0	22.18	22.30	22.24		
10	64QAM	1	0	22.25	22.28	22.17		
10	64QAM	1	25	22.06	22.21	22.07	23	2
10	64QAM	1	49	22.22	22.21	22.19		
10	64QAM	25	0	21.25	21.47	21.27		
10	64QAM	25	12	21.23	21.30	21.19	22	3
10	64QAM	25	25	21.16	21.29	21.12		
10	64QAM	50	0	21.11	21.26	21.05		
10	256QAM	1	0	19.39	19.45	19.35		
10	256QAM	1	25	19.34	19.49	19.31	20	5
10	256QAM	1	49	19.24	19.43	19.35		
10	256QAM	25	0	19.23	19.27	19.23		
10	256QAM	25	12	19.18	19.25	19.26	20	5
10	256QAM	25	25	19.19	19.33	19.24		
10	256QAM	50	0	19.15	19.21	19.15		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	24.25	24.25	24.24		
5	QPSK	1	12	24.12	24.22	24.02	25	0
5	QPSK	1	24	24.11	24.21	24.06		
5	QPSK	12	0	23.20	23.28	23.34		
5	QPSK	12	7	23.14	23.20	23.10	24	1
5	QPSK	12	13	23.14	23.21	23.15		
5	QPSK	25	0	23.15	23.23	23.15		
5	16QAM	1	0	23.09	23.24	23.14		
5	16QAM	1	12	23.20	23.23	23.10	24	1
5	16QAM	1	24	23.00	23.15	23.02		
5	16QAM	12	0	22.27	22.31	22.25		
5	16QAM	12	7	22.34	22.21	22.28	23	2
5	16QAM	12	13	22.24	22.35	22.11		
5	16QAM	25	0	22.27	22.36	22.19		
5	64QAM	1	0	22.31	22.23	22.15		
5	64QAM	1	12	22.12	22.25	22.11	23	2
5	64QAM	1	24	22.12	22.27	22.10		
5	64QAM	12	0	21.17	21.42	21.28		
5	64QAM	12	7	21.23	21.28	21.17	22	3
5	64QAM	12	13	21.14	21.24	21.12		
5	64QAM	25	0	21.05	21.28	21.11		
5	256QAM	1	0	19.36	19.45	19.31		
5	256QAM	1	12	19.32	19.50	19.27	20	5
5	256QAM	1	24	19.21	19.44	19.34		
5	256QAM	12	0	19.21	19.29	19.15		
5	256QAM	12	7	19.26	19.34	19.22	20	5
5	256QAM	12	13	19.22	19.31	19.30		
5	256QAM	25	0	19.15	19.22	19.23		

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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	24.52	24.50	24.56	24.36	24.45		
20	QPSK	1	49	24.48	24.36	24.53	24.27	24.28	25	0
20	QPSK	1	99	24.38	24.40	24.47	24.29	24.32		
20	QPSK	50	0	23.49	23.53	23.67	23.40	23.41		
20	QPSK	50	24	23.50	23.44	23.52	23.40	23.37	24	1
20	QPSK	50	50	23.43	23.53	23.50	23.39	23.46		
20	QPSK	100	0	23.44	23.43	23.52	23.39	23.38		
20	16QAM	1	0	23.39	23.36	23.54	23.27	23.22		
20	16QAM	1	49	23.51	23.45	23.50	23.37	23.36	24	1
20	16QAM	1	99	23.36	23.38	23.48	23.27	23.27		
20	16QAM	50	0	22.53	22.63	22.55	22.53	22.60		
20	16QAM	50	24	22.58	22.64	22.51	22.56	22.51	23	2
20	16QAM	50	50	22.47	22.42	22.62	22.38	22.27		
20	16QAM	100	0	22.54	22.48	22.65	22.39	22.40		
20	64QAM	1	0	22.59	22.52	22.53	22.38	22.46		
20	64QAM	1	49	22.40	22.41	22.52	22.29	22.34	23	2
20	64QAM	1	99	22.51	22.48	22.59	22.44	22.40		
20	64QAM	50	0	21.52	21.55	21.78	21.51	21.41		
20	64QAM	50	24	21.60	21.50	21.68	21.38	21.35	22	3
20	64QAM	50	50	21.48	21.38	21.56	21.30	21.34		
20	64QAM	100	0	21.36	21.40	21.51	21.29	21.34		
20	256QAM	1	0	19.69	19.62	19.72	19.53	19.59		
20	256QAM	1	49	19.61	19.57	19.76	19.54	19.51	20	5
20	256QAM	1	99	19.47	19.57	19.72	19.51	19.48		
20	256QAM	50	0	19.53	19.45	19.58	19.36	19.38		
20	256QAM	50	24	19.50	19.57	19.57	19.52	19.44	20	5
20	256QAM	50	50	19.54	19.63	19.68	19.54	19.59		
20	256QAM	100	0	19.45	19.47	19.51	19.35	19.37		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	24.41	24.46	24.47	24.26	24.41		
15	QPSK	1	37	24.34	24.31	24.40	24.19	24.15	25	0
15	QPSK	1	74	24.30	24.26	24.42	24.26	24.21		
15	QPSK	36	0	23.45	23.39	23.55	23.34	23.32		
15	QPSK	36	20	23.38	23.36	23.40	23.31	23.23	24	1
15	QPSK	36	39	23.29	23.46	23.38	23.32	23.33		
15	QPSK	75	0	23.30	23.37	23.44	23.26	23.35		
15	16QAM	1	0	23.34	23.25	23.42	23.18	23.10		
15	16QAM	1	37	23.37	23.41	23.41	23.32	23.22	24	1
15	16QAM	1	74	23.30	23.32	23.41	23.14	23.20		
15	16QAM	36	0	22.40	22.53	22.50	22.47	22.46		
15	16QAM	36	20	22.51	22.57	22.45	22.44	22.41	23	2
15	16QAM	36	39	22.33	22.37	22.51	22.23	22.20		
15	16QAM	75	0	22.50	22.40	22.50	22.28	22.27		
15	64QAM	1	0	22.46	22.39	22.48	22.30	22.42		
15	64QAM	1	37	22.27	22.33	22.38	22.26	22.23	23	2
15	64QAM	1	74	22.43	22.43	22.55	22.37	22.30		
15	64QAM	36	0	21.46	21.43	21.68	21.40	21.27		
15	64QAM	36	20	21.50	21.45	21.63	21.29	21.25	22	3
15	64QAM	36	39	21.37	21.31	21.50	21.20	21.29		
15	64QAM	75	0	21.32	21.36	21.38	21.20	21.28		
15	256QAM	1	0	19.55	19.56	19.60	19.39	19.50		
15	256QAM	1	37	19.49	19.48	19.62	19.49	19.45	20	5
15	256QAM	1	74	19.32	19.47	19.62	19.46	19.33		
15	256QAM	36	0	19.44	19.33	19.49	19.25	19.29		
15	256QAM	36	20	19.41	19.44	19.44	19.38	19.39	20	5
15	256QAM	36	39	19.49	19.48	19.59	19.40	19.48		
15	256QAM	75	0	19.38	19.38	19.48	19.32	19.29		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	24.46	24.42	24.44	24.31	24.33		
10	QPSK	1	25	24.35	24.25	24.41	24.13	24.16	25	0
10	QPSK	1	49	24.34	24.30	24.39	24.23	24.23		
10	QPSK	25	0	23.40	23.46	23.53	23.31	23.36		
10	QPSK	25	12	23.39	23.34	23.47	23.33	23.28	24	1
10	QPSK	25	25	23.29	23.39	23.44	23.26	23.39		
10	QPSK	50	0	23.31	23.36	23.49	23.34	23.34		
10	16QAM	1	0	23.24	23.23	23.47	23.17	23.09		
10	16QAM	1	25	23.36	23.41	23.43	23.26	23.30	24	1
10	16QAM	1	49	23.23	23.34	23.38	23.18	23.22		
10	16QAM	25	0	22.44	22.55	22.52	22.47	22.56		
10	16QAM	25	12	22.44	22.55	22.45	22.42	22.47	23	2
10	16QAM	25	25	22.34	22.35	22.56	22.24	22.21		
10	16QAM	50	0	22.40	22.40	22.56	22.27	22.33		
10	64QAM	1	0	22.48	22.49	22.38	22.31	22.42		
10	64QAM	1	25	22.26	22.27	22.48	22.17	22.28	23	2
10	64QAM	1	49	22.45	22.36	22.50	22.39	22.34		
10	64QAM	25	0	21.48	21.46	21.70	21.38	21.30		
10	64QAM	25	12	21.55	21.47	21.64	21.33	21.24	22	3
10	64QAM	25	25	21.44	21.33	21.52	21.25	21.27		
10	64QAM	50	0	21.32	21.28	21.48	21.15	21.22		
10	256QAM	1	0	19.63	19.50	19.61	19.39	19.49		
10	256QAM	1	25	19.49	19.43	19.71	19.41	19.43	20	5
10	256QAM	1	49	19.38	19.42	19.63	19.42	19.36		
10	256QAM	25	0	19.43	19.40	19.49	19.25	19.33		
10	256QAM	25	12	19.42	19.47	19.49	19.37	19.41	20	5
10	256QAM	25	25	19.41	19.51	19.54	19.45	19.45		
10	256QAM	50	0	19.36	19.37	19.48	19.23	19.26		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	24.41	24.36	24.48	24.30	24.31		
5	QPSK	1	12	24.43	24.31	24.41	24.21	24.25	25	0
5	QPSK	1	24	24.28	24.34	24.40	24.14	24.24		
5	QPSK	12	0	23.35	23.47	23.56	23.27	23.27		
5	QPSK	12	7	23.41	23.37	23.46	23.30	23.32	24	1
5	QPSK	12	13	23.32	23.38	23.45	23.35	23.33		
5	QPSK	25	0	23.41	23.31	23.44	23.33	23.30		
5	16QAM	1	0	23.30	23.32	23.47	23.20	23.13		
5	16QAM	1	12	23.37	23.32	23.45	23.26	23.23	24	1
5	16QAM	1	24	23.26	23.30	23.33	23.14	23.16		
5	16QAM	12	0	22.49	22.56	22.47	22.39	22.51		
5	16QAM	12	7	22.47	22.60	22.38	22.47	22.47	23	2
5	16QAM	12	13	22.42	22.34	22.58	22.30	22.13		
5	16QAM	25	0	22.42	22.44	22.54	22.31	22.34		
5	64QAM	1	0	22.54	22.46	22.49	22.27	22.38		
5	64QAM	1	12	22.36	22.31	22.47	22.25	22.29	23	2
5	64QAM	1	24	22.42	22.44	22.45	22.31	22.26		
5	64QAM	12	0	21.40	21.43	21.70	21.42	21.36		
5	64QAM	12	7	21.49	21.37	21.61	21.27	21.31	22	3
5	64QAM	12	13	21.43	21.27	21.44	21.24	21.28		
5	64QAM	25	0	21.26	21.35	21.46	21.18	21.24		
5	256QAM	1	0	19.55	19.57	19.66	19.42	19.45		
5	256QAM	1	12	19.47	19.52	19.61	19.48	19.36	20	5
5	256QAM	1	24	19.33	19.50	19.65	19.38	19.44		
5	256QAM	12	0	19.49	19.33	19.52	19.31	19.30		
5	256QAM	12	7	19.43	19.44	19.48	19.40	19.29	20	5
5	256QAM	12	13	19.48	19.53	19.60	19.41	19.54		
5	256QAM	25	0	19.38	19.42	19.42	19.22	19.28		

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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	26.88	26.87	27.00	26.81	26.88		
20	QPSK	1	49	26.83	26.76	26.94	26.71	26.64	28	0
20	QPSK	1	99	26.80	26.76	26.90	26.73	26.78		
20	QPSK	50	0	25.91	25.90	26.04	25.81	25.83		
20	QPSK	50	24	25.91	25.81	25.96	25.78	25.74	27	1
20	QPSK	50	50	25.78	25.94	25.91	25.86	25.87		
20	QPSK	100	0	25.81	25.85	25.88	25.80	25.75		
20	16QAM	1	0	25.83	25.72	25.95	25.71	25.65		
20	16QAM	1	49	25.91	25.80	25.85	25.73	25.80	27	1
20	16QAM	1	99	25.76	25.77	25.90	25.71	25.71		
20	16QAM	50	0	24.94	25.07	24.95	24.97	24.97		
20	16QAM	50	24	24.98	25.08	24.91	24.94	24.97	26	2
20	16QAM	50	50	24.93	24.84	24.98	24.80	24.63		
20	16QAM	100	0	24.90	24.92	25.01	24.80	24.87		
20	64QAM	1	0	24.99	24.94	24.96	24.79	24.84		
20	64QAM	1	49	24.77	24.80	24.99	24.64	24.73	26	2
20	64QAM	1	99	24.87	24.84	24.95	24.88	24.87		
20	64QAM	50	0	23.95	24.01	24.12	23.87	23.81		
20	64QAM	50	24	24.00	23.92	24.05	23.76	23.80	25	3
20	64QAM	50	50	23.91	23.84	23.92	23.82	23.78		
20	64QAM	100	0	23.75	23.80	23.89	23.75	23.73		
20	256QAM	1	0	22.06	22.01	22.19	21.95	22.02		
20	256QAM	1	49	22.06	21.96	22.21	21.90	21.95	23	5
20	256QAM	1	99	21.91	22.03	22.10	21.90	21.95		
20	256QAM	50	0	21.90	21.82	22.02	21.79	21.75		
20	256QAM	50	24	21.95	22.00	22.01	21.88	21.88	23	5
20	256QAM	50	50	21.98	22.01	22.12	21.98	22.04		
20	256QAM	100	0	21.92	21.88	21.95	21.81	21.79		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	26.74	26.74	26.94	26.69	26.82		
15	QPSK	1	37	26.77	26.62	26.86	26.58	26.52	28	0
15	QPSK	1	74	26.70	26.70	26.77	26.66	26.66		
15	QPSK	36	0	25.76	25.86	26.00	25.75	25.70		
15	QPSK	36	20	25.87	25.70	25.81	25.69	25.67	27	1
15	QPSK	36	39	25.70	25.81	25.82	25.75	25.82		
15	QPSK	75	0	25.67	25.78	25.77	25.66	25.64		
15	16QAM	1	0	25.71	25.68	25.91	25.61	25.57		
15	16QAM	1	37	25.78	25.66	25.75	25.66	25.77	27	1
15	16QAM	1	74	25.69	25.67	25.85	25.67	25.65		
15	16QAM	36	0	24.90	25.00	24.91	24.91	24.87		
15	16QAM	36	20	24.85	24.99	24.80	24.91	24.92	26	2
15	16QAM	36	39	24.86	24.69	24.89	24.71	24.52		
15	16QAM	75	0	24.85	24.79	24.94	24.76	24.81		
15	64QAM	1	0	24.84	24.86	24.92	24.73	24.80		
15	64QAM	1	37	24.71	24.69	24.87	24.58	24.65	26	2
15	64QAM	1	74	24.80	24.77	24.92	24.78	24.77		
15	64QAM	36	0	23.88	23.87	24.02	23.73	23.73		
15	64QAM	36	20	23.87	23.88	24.00	23.72	23.68	25	3
15	64QAM	36	39	23.76	23.79	23.79	23.70	23.65		
15	64QAM	75	0	23.72	23.68	23.75	23.63	23.60		
15	256QAM	1	0	22.02	21.93	22.07	21.81	21.88		
15	256QAM	1	37	22.00	21.89	22.15	21.76	21.86	23	5
15	256QAM	1	74	21.78	21.91	22.06	21.85	21.80		
15	256QAM	36	0	21.79	21.70	21.88	21.65	21.66		
15	256QAM	36	20	21.83	21.86	21.90	21.81	21.77	23	5
15	256QAM	36	39	21.94	21.96	22.09	21.90	21.90		
15	256QAM	75	0	21.82	21.85	21.83	21.71	21.65		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	26.77	26.77	26.96	26.69	26.82		
10	QPSK	1	25	26.75	26.66	26.82	26.56	26.52	28	0
10	QPSK	1	49	26.67	26.69	26.80	26.68	26.69		
10	QPSK	25	0	25.85	25.77	25.98	25.77	25.75		
10	QPSK	25	12	25.81	25.72	25.85	25.71	25.82	27	1
10	QPSK	25	25	25.65	25.86	25.87	25.71	25.82		
10	QPSK	50	0	25.75	25.77	25.84	25.72	25.62		
10	16QAM	1	0	25.71	25.57	25.84	25.62	25.60		
10	16QAM	1	25	25.86	25.74	25.78	25.61	25.69	27	1
10	16QAM	1	49	25.71	25.64	25.86	25.58	25.64		
10	16QAM	25	0	24.79	25.00	24.86	24.90	24.84		
10	16QAM	25	12	24.93	25.01	24.82	24.94	24.93	26	2
10	16QAM	25	25	24.85	24.75	24.87	24.68	24.60		
10	16QAM	50	0	24.84	24.88	24.94	24.65	24.78		
10	64QAM	1	0	24.94	24.81	24.84	24.73	24.81		
10	64QAM	1	25	24.64	24.71	24.95	24.52	24.62	26	2
10	64QAM	1	49	24.79	24.72	24.87	24.79	24.74		
10	64QAM	25	0	23.81

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.61	22.71	22.63	24	0
20	QPSK	1	49	22.60	22.66	22.64		
20	QPSK	1	99	22.60	22.63	22.59		
20	QPSK	50	0	21.66	21.72	21.64	23	1
20	QPSK	50	24	21.66	21.66	21.69		
20	QPSK	50	50	21.55	21.59	21.58		
20	QPSK	100	0	21.67	21.70	21.57		
20	16QAM	1	0	21.67	21.61	21.55	23	1
20	16QAM	1	49	21.59	21.66	21.60		
20	16QAM	1	99	21.46	21.52	21.55		
20	16QAM	50	0	20.64	20.73	20.60	22	2
20	16QAM	50	24	20.70	20.71	20.67		
20	16QAM	50	50	20.57	20.64	20.54		
20	16QAM	100	0	20.71	20.74	20.52		
20	64QAM	1	0	20.62	20.66	20.57	22	2
20	64QAM	1	49	20.62	20.61	20.62		
20	64QAM	1	99	20.50	20.56	20.59		
20	64QAM	50	0	19.69	19.74	19.66	21	3
20	64QAM	50	24	19.63	19.69	19.66		
20	64QAM	50	50	19.49	19.52	19.60		
20	64QAM	100	0	19.71	19.66	19.63		
20	256QAM	1	0	17.67	17.67	17.68	19	5
20	256QAM	1	49	17.66	17.65	17.68		
20	256QAM	1	99	17.58	17.59	17.61		
20	256QAM	50	0	17.65	17.64	17.58	19	5
20	256QAM	50	24	17.72	17.57	17.60		
20	256QAM	50	50	17.61	17.62	17.66		
20	256QAM	100	0	17.46	17.52	17.57		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.51	22.62	22.57	24	0
15	QPSK	1	37	22.54	22.57	22.51		
15	QPSK	1	74	22.50	22.54	22.51		
15	QPSK	36	0	21.56	21.69	21.53	23	1
15	QPSK	36	20	21.53	21.53	21.60		
15	QPSK	36	39	21.46	21.53	21.51		
15	QPSK	75	0	21.61	21.60	21.45		
15	16QAM	1	0	21.59	21.56	21.47	23	1
15	16QAM	1	37	21.46	21.59	21.48		
15	16QAM	1	74	21.41	21.44	21.42		
15	16QAM	36	0	20.53	20.66	20.50	22	2
15	16QAM	36	20	20.65	20.63	20.57		
15	16QAM	36	39	20.49	20.54	20.48		
15	16QAM	75	0	20.39	20.67	20.43		
15	64QAM	1	0	20.53	20.55	20.47	22	2
15	64QAM	1	37	20.57	20.58	20.55		
15	64QAM	1	74	20.46	20.42	20.48		
15	64QAM	36	0	19.55	19.64	19.61	21	3
15	64QAM	36	20	19.51	19.65	19.55		
15	64QAM	36	39	19.43	19.58	19.51		
15	64QAM	75	0	19.64	19.62	19.59		
15	256QAM	1	0	17.65	17.62	17.58	19	5
15	256QAM	1	37	17.58	17.61	17.59		
15	256QAM	1	74	17.51	17.48	17.53		
15	256QAM	36	0	17.58	17.57	17.53	19	5
15	256QAM	36	20	17.68	17.47	17.48		
15	256QAM	36	39	17.58	17.56	17.55		
15	256QAM	75	0	17.40	17.39	17.46		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.59	22.63	22.56	24	0
10	QPSK	1	25	22.48	22.60	22.51		
10	QPSK	1	49	22.52	22.54	22.54		
10	QPSK	25	0	21.55	21.67	21.52	23	1
10	QPSK	25	12	21.56	21.59	21.62		
10	QPSK	25	25	21.46	21.53	21.47		
10	QPSK	50	0	21.55	21.67	21.48		
10	16QAM	1	0	21.58	21.57	21.53	23	1
10	16QAM	1	25	21.49	21.56	21.49		
10	16QAM	1	49	21.39	21.45	21.47		
10	16QAM	25	0	20.59	20.63	20.53	22	2
10	16QAM	25	12	20.61	20.58	20.61		
10	16QAM	25	25	20.44	20.51	20.44		
10	16QAM	50	0	20.61	20.65	20.40		
10	64QAM	1	0	20.58	20.61	20.47	22	2
10	64QAM	1	25	20.56	20.52	20.58		
10	64QAM	1	49	20.42	20.36	20.51		
10	64QAM	25	0	19.63	19.70	19.57	21	3
10	64QAM	25	12	19.51	19.56	19.56		
10	64QAM	25	25	19.45	19.59	19.53		
10	64QAM	50	0	19.69	19.62	19.59		
10	256QAM	1	0	17.65	17.59	17.60	19	5
10	256QAM	1	25	17.52	17.56	17.64		
10	256QAM	1	49	17.50	17.46	17.57		
10	256QAM	25	0	17.57	17.60	17.52	19	5
10	256QAM	25	12	17.58	17.46	17.57		
10	256QAM	25	25	17.50	17.58	17.64		
10	256QAM	50	0	17.41	17.41	17.46		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.48	22.69	22.60	24	0
5	QPSK	1	12	22.46	22.63	22.57		
5	QPSK	1	24	22.57	22.55	22.45		
5	QPSK	12	0	21.61	21.66	21.53	23	1
5	QPSK	12	7	21.53	21.63	21.62		
5	QPSK	12	13	21.44	21.53	21.54		
5	QPSK	25	0	21.63	21.56	21.53		
5	16QAM	1	0	21.57	21.53	21.45	23	1
5	16QAM	1	12	21.50	21.55	21.50		
5	16QAM	1	24	21.37	21.40	21.50		
5	16QAM	12	0	20.55	20.66	20.55	22	2
5	16QAM	12	7	20.57	20.63	20.63		
5	16QAM	12	13	20.50	20.57	20.45		
5	16QAM	25	0	20.60	20.67	20.43		
5	64QAM	1	0	20.52	20.58	20.51	22	2
5	64QAM	1	12	20.54	20.54	20.56		
5	64QAM	1	24	20.40	20.36	20.53		
5	64QAM	12	0	19.61	19.71	19.62	21	3
5	64QAM	12	7	19.61	19.64	19.58		
5	64QAM	12	13	19.41	19.49	19.54		
5	64QAM	25	0	19.64	19.62	19.60		
5	256QAM	1	0	17.66	17.64	17.66	19	5
5	256QAM	1	12	17.52	17.63	17.56		
5	256QAM	1	24	17.54	17.55	17.51		
5	256QAM	12	0	17.61	17.52	17.46	19	5
5	256QAM	12	7	17.58	17.46	17.56		
5	256QAM	12	13	17.57	17.49	17.59		
5	256QAM	25	0	17.33	17.46	17.51		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.51	22.66	22.55	24	0
3	QPSK	1	8	22.50	22.53	22.59		
3	QPSK	1	14	22.58	22.55	22.55		
3	QPSK	8	0	21.65	21.68	21.54	23	1
3	QPSK	8	4	21.56	21.54	21.63		
3	QPSK	8	7	21.47	21.46	21.46		
3	QPSK	15	0	21.53	21.67	21.49		
3	16QAM	1	0	21.57	21.49	21.46	23	1
3	16QAM	1	8	21.46	21.62	21.53		
3	16QAM	1	14	21.38	21.50	21.51		
3	16QAM	8	0	20.56	20.68	20.47	22	2
3	16QAM	8	4	20.59	20.61	20.64		
3	16QAM	8	7	20.45	20.59	20.47		
3	16QAM	15	0	20.61	20.66	20.46		
3	64QAM	1	0	20.57	20.62	20.44	22	2
3	64QAM	1	8	20.52	20.55	20.51		
3	64QAM	1	14	20.42	20.38	20.48		
3	64QAM	8	0	19.65	19.67	19.55	21	3
3	64QAM	8	4	19.54	19.56	19.53		
3	64QAM	8	7	19.46	19.49	19.51		
3	64QAM	15	0	19.68	19.60	19.51		
3	256QAM	1	0	17.59	17.55	17.64	19	5
3	256QAM	1	8	17.63	17.63	17.58		
3	256QAM	1	14	17.52	17.55	17.56		
3	256QAM	8	0	17.62	17.60	17.47	19	5
3	256QAM	8	4	17.62	17.55	17.54		
3	256QAM	8	7	17.49	17.57	17.56		
3	256QAM	15	0	17.35	17.46	17.50		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.52	22.57	22.52	24	0
1.4	QPSK	1	3	22.57	22.56	22.61		
1.4	QPSK	1	5	22.49	22.59	22.57		
1.4	QPSK	3	0	22.46	22.52	22.40		
1.4	QPSK	3	1	22.49	22.44	22.47		
1.4	QPSK	3	3	22.46	22.49	22.54		
1.4	QPSK	6	0	21.61	21.66	21.51	23	1
1.4	16QAM	1	0	21.59	21.52	21.46	23	1
1.4	16QAM	1	3	21.56	21.53	21.50		
1.4	16QAM	1	5	21.43	21.49	21.46		
1.4	16QAM	3	0	21.55	21.57	21.39		
1.4	16QAM	3	1	21.52	21.47	21.39		
1.4	16QAM	3	3	21.50	21.39	21.44		
1.4	16QAM	6	0	20.65	20.63	20.44	22	2
1.4	64QAM	1	0	20.52	20.63	20.54	22	2
1.4	64QAM	1	3	20.51	20.58	20.50		
1.4	64QAM	1	5	20.46	20.42	20.49		
1.4	64QAM	3	0	20.54	20.60	20.31		
1.4	64QAM	3	1	20.38	20.54	20.46		
1.4	64QAM	3	3	20.38	20.45	20.39		
1.4	64QAM	6	0	19.64	19.57	19.54	21	3
1.4	256QAM	1	0	17.55	17.63	17.55	19	5
1.4	256QAM	1	3	17.53	17.53	17.65		
1.4	256QAM	1	5	17.45	17.54	17.50		
1.4	256QAM	3	0	17.55	17.60	17.46		
1.4	256QAM	3	1	17.60	17.45	17.50		
1.4	256QAM	3	3	17.50	17.59	17.59		
1.4	256QAM	6	0	17.38	17.43	17.45	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	23.01	23.06	23.03	24	0
20	QPSK	1	49	22.96	23.00	22.93		
20	QPSK	1	99	22.97	22.99	22.95		
20	QPSK	50	0	22.06	22.08	21.97	23	1
20	QPSK	50	24	21.98	21.95	21.97		
20	QPSK	50	50	22.01	22.05	21.99		
20	QPSK	100	0	22.02	22.06	21.98		
20	16QAM	1	0	22.00	22.05	22.02	23	1
20	16QAM	1	49	21.91	21.95	21.92		
20	16QAM	1	99	21.94	21.93	21.94		
20	16QAM	50	0	21.01	21.07	20.98	22	2
20	16QAM	50	24	21.03	20.92	20.98		
20	16QAM	50	50	21.07	21.03	20.98		
20	16QAM	100	0	21.04	21.02	21.04		
20	64QAM	1	0	20.97	21.10	21.04	22	2
20	64QAM	1	49	20.94	20.96	20.90		
20	64QAM	1	99	20.95	21.06	21.03		
20	64QAM	50	0	20.01	20.07	19.96	21	3
20	64QAM	50	24	19.96	20.00	19.98		
20	64QAM	50	50	19.97	20.04	20.01		
20	64QAM	100	0	20.08	20.00	20.07		
20	256QAM	1	0	18.01	18.11	17.93	19	5
20	256QAM	1	49	18.02	17.91	17.92		
20	256QAM	1	99	18.05	18.07	18.01		
20	256QAM	50	0	18.01	18.10	18.03	19	5
20	256QAM	50	24	18.04	18.00	18.05		
20	256QAM	50	50	17.87	17.94	17.89		
20	256QAM	100	0	17.93	17.90	17.94		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.90	23.01	23.00	24	0
15	QPSK	1	37	22.84	22.95	22.90		
15	QPSK	1	74	22.90	22.84	22.80		
15	QPSK	36	0	21.96	21.97	21.93	23	1
15	QPSK	36	20	21.86	21.86	21.92		
15	QPSK	36	39	21.92	21.85	21.85		
15	QPSK	75	0	21.91	21.92	21.95		
15	16QAM	1	0	21.89	22.02	21.92	23	1
15	16QAM	1	37	21.80	21.81	21.83		
15	16QAM	1	74	21.83	21.81	21.88		
15	16QAM	36	0	20.93	20.98	20.92	22	2
15	16QAM	36	20	20.88	20.78	20.92		
15	16QAM	36	39	21.01	20.94	20.95		
15	16QAM	75	0	20.91	20.97	20.99		
15	64QAM	1	0	20.90	21.04	20.99	22	2
15	64QAM	1	37	20.84	20.83	20.86		
15	64QAM	1	74	20.86	20.91	20.87		
15	64QAM	36	0	19.96	19.98	19.81	21	3
15	64QAM	36	20	19.87	19.97	19.86		
15	64QAM	36	39	19.85	19.91	19.93		
15	64QAM	75	0	20.00	19.87	19.90		
15	256QAM	1	0	17.98	18.06	17.87	19	5
15	256QAM	1	37	17.97	17.88	17.83		
15	256QAM	1	74	17.92	17.93	17.89		
15	256QAM	36	0	17.96	17.92	17.86	19	5
15	256QAM	36	20	17.91	17.94	17.98		
15	256QAM	36	39	17.84	17.88	17.79		
15	256QAM	75	0	17.81	17.86	17.82		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.95	22.97	22.89	24	0
10	QPSK	1	25	22.93	22.91	22.80		
10	QPSK	1	49	22.85	22.92	22.90		
10	QPSK	25	0	21.95	22.02	21.91	23	1
10	QPSK	25	12	21.83	21.88	21.83		
10	QPSK	25	25	21.93	21.92	21.87		
10	QPSK	50	0	21.95	21.98	21.90		
10	16QAM	1	0	21.96	21.92	21.88	23	1
10	16QAM	1	25	21.81	21.80	21.85		
10	16QAM	1	49	21.84	21.87	21.87		
10	16QAM	25	0	20.93	20.97	20.91	22	2
10	16QAM	25	12	20.89	20.79	20.89		
10	16QAM	25	25	21.00	20.88	20.91		
10	16QAM	50	0	20.90	20.94	20.93		
10	64QAM	1	0	20.89	21.06	20.98	22	2
10	64QAM	1	25	20.91	20.81	20.86		
10	64QAM	1	49	20.81	20.90	20.87		
10	64QAM	25	0	19.97	19.97	19.83	21	3
10	64QAM	25	12	19.90	19.90	19.90		
10	64QAM	25	25	19.90	19.96	19.88		
10	64QAM	50	0	20.01	19.94	19.84		
10	256QAM	1	0	17.92	18.06	17.89	19	5
10	256QAM	1	25	17.99	17.82	17.78		
10	256QAM	1	49	17.95	17.95	17.87		
10	256QAM	25	0	17.89	17.90	17.93	19	5
10	256QAM	25	12	17.92	17.78	18.00		
10	256QAM	25	25	17.78	17.87	17.78		
10	256QAM	50	0	17.84	17.75	17.84		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.89	22.96	22.92	24	0
5	QPSK	1	12	22.92	22.96	22.80		
5	QPSK	1	24	22.85	22.94	22.87		
5	QPSK	12	0	21.92	21.98	21.93	23	1
5	QPSK	12	7	21.86	21.92	21.91		
5	QPSK	12	13	21.92	21.93	21.84		
5	QPSK	25	0	21.88	21.91	21.93		
5	16QAM	1	0	21.94	21.95	21.90	23	1
5	16QAM	1	12	21.84	21.92	21.82		
5	16QAM	1	24	21.83	21.86	21.86		
5	16QAM	12	0	20.99	20.96	20.85	22	2
5	16QAM	12	7	20.90	20.78	20.84		
5	16QAM	12	13	21.02	20.88	20.84		
5	16QAM	25	0	20.99	20.96	20.92		
5	64QAM	1	0	20.93	21.05	20.93	22	2
5	64QAM	1	12	20.86	20.87	20.81		
5	64QAM	1	24	20.84	20.91	20.86		
5	64QAM	12	0	19.88	19.94	19.86	21	3
5	64QAM	12	7	19.87	19.87	19.83		
5	64QAM	12	13	19.84	19.92	19.90		
5	64QAM	25	0	19.94	19.89	19.85		
5	256QAM	1	0	17.87	18.03	17.86	19	5
5	256QAM	1	12	17.89	17.88	17.83		
5	256QAM	1	24	17.99	17.97	17.93		
5	256QAM	12	0	17.92	18.01	17.91	19	5
5	256QAM	12	7	17.90	17.97	17.94		
5	256QAM	12	13	17.80	17.81	17.86		
5	256QAM	25	0	17.81	17.79	17.91		
Channel				19963	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.93	23.02	22.99	24	0
3	QPSK	1	8	22.88	22.93	22.80		
3	QPSK	1	14	22.83	22.84	22.86		
3	QPSK	8	0	22.02	21.95	21.93	23	1
3	QPSK	8	4	21.88	21.85	21.89		
3	QPSK	8	7	21.93	21.91	21.83		
3	QPSK	15	0	21.94	21.94	21.89		
3	16QAM	1	0	21.93	21.99	21.97	23	1
3	16QAM	1	8	21.81	21.87	21.81		
3	16QAM	1	14	21.85	21.85	21.90		
3	16QAM	8	0	20.96	20.98	20.95	22	2
3	16QAM	8	4	20.95	20.86	20.92		
3	16QAM	8	7	20.99	20.98	20.88		
3	16QAM	15	0	20.93	20.89	20.90		
3	64QAM	1	0	20.84	21.03	20.92	22	2
3	64QAM	1	8	20.83	20.88	20.85		
3	64QAM	1	14	20.91	20.92	20.82		
3	64QAM	8	0	19.88	20.00	19.89	21	3
3	64QAM	8	4	19.89	19.91	19.92		
3	64QAM	8	7	19.83	19.89	19.93		
3	64QAM	15	0	19.96	19.90	19.91		
3	256QAM	1	0	17.94	17.98	17.82	19	5
3	256QAM	1	8	17.95	17.77	17.80		
3	256QAM	1	14	17.93	17.94	17.95		
3	256QAM	8	0	17.94	17.97	17.97	19	5
3	256QAM	8	4	17.89	17.91	17.98		
3	256QAM	8	7	17.72	17.84	17.81		
3	256QAM	15	0	17.88	17.84	17.90		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.98	22.94	22.89	24	0
1.4	QPSK	1	3	22.91	22.91	22.88		
1.4	QPSK	1	5	22.85	22.87	22.91		
1.4	QPSK	3	0	22.89	22.84	22.79		
1.4	QPSK	3	1	22.86	22.77	22.78		
1.4	QPSK	3	3	22.76	22.73	22.82		
1.4	QPSK	6	0	21.96	21.92	21.90	23	1
1.4	16QAM	1	0	21.90	21.96	21.97	23	1
1.4	16QAM	1	3	21.86	21.82	21.79		
1.4	16QAM	1	5	21.83	21.84	21.86		
1.4	16QAM	3	0	21.88	21.85	21.80		
1.4	16QAM	3	1	21.85	21.86	21.86		
1.4	16QAM	3	3	21.79	21.70	21.69		
1.4	16QAM	6	0	20.91	20.95	20.93	22	2
1.4	64QAM	1	0	20.84	20.95	20.99	22	2
1.4	64QAM	1	3	20.80	20.92	20.75		
1.4	64QAM	1	5	20.86	20.98	20.81		
1.4	64QAM	3	0	20.86	20.91	20.88		
1.4	64QAM	3	1	20.76	20.87	20.92		
1.4	64QAM	3	3	20.69	20.86	20.62		
1.4	64QAM	6	0	19.96	19.96	19.86	21	3
1.4	256QAM	1	0	17.91	17.99	17.89	19	5
1.4	256QAM	1	3	17.92	17.78	17.87		
1.4	256QAM	1	5	17.97	18.01	17.90		
1.4	256QAM	3	0	17.90	17.96	17.91		
1.4	256QAM	3	1	17.95	17.91	17.90		
1.4	256QAM	3	3	17.72	17.80	17.81		
1.4	256QAM	6	0	17.85	17.76	17.90	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				20459	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.72	21.82	21.79	23	0
10	QPSK	1	25	21.64	21.75	21.65		
10	QPSK	1	49	21.70	21.70	21.76		
10	QPSK	25	0	20.73	20.84	20.79	22	1
10	QPSK	25	12	20.67	20.75	20.64		
10	QPSK	25	25	20.74	20.84	20.76		
10	QPSK	50	0	20.70	20.78	20.75		
10	16QAM	1	0	20.69	20.78	20.79	22	1
10	16QAM	1	25	20.66	20.79	20.65		
10	16QAM	1	49	20.75	20.64	20.77		
10	16QAM	25	0	19.76	19.86	19.77	21	2
10	16QAM	25	12	19.65	19.70	19.61		
10	16QAM	25	25	19.75	19.63	19.74		
10	16QAM	50	0	19.68	19.74	19.78		

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.72	21.76	21.71	23	0
10	QPSK	1	25	21.66	21.76	21.66		
10	QPSK	1	49	21.61	21.69	21.67		
10	QPSK	25	0	20.68	20.78	20.77	22	1
10	QPSK	25	12	20.67	20.74	20.63		
10	QPSK	25	25	20.59	20.74	20.70		
10	QPSK	50	0	20.68	20.73	20.65		
10	16QAM	1	0	20.70	20.72	20.66	22	1
10	16QAM	1	25	20.63	20.70	20.70		
10	16QAM	1	49	20.62	20.69	20.62		
10	16QAM	25	0	19.66	19.74	19.74	21	2
10	16QAM	25	12	19.63	19.74	19.58		
10	16QAM	25	25	19.64	19.76	19.75		
10	16QAM	50	0	19.65	19.78	19.59		
10	64QAM	1	0	19.67	19.76	19.77	21	2
10	64QAM	1	25	19.61	19.69	19.69		
10	64QAM	1	49	19.58	19.74	19.64		
10	64QAM	25	0	18.66	18.76	18.82	20	3
10	64QAM	25	12	18.65	18.75	18.68		
10	64QAM	25	25	18.60	18.78	18.70		
10	64QAM	50	0	18.67	18.68	18.70		
10	256QAM	1	0	16.62	16.84	16.80	18	5
10	256QAM	1	25	16.70	16.75	16.63		
10	256QAM	1	49	16.55	16.80	16.73		
10	256QAM	25	0	16.67	16.73	16.70	18	5
10	256QAM	25	12	16.65	16.74	16.68		
10	256QAM	25	25	16.66	16.71	16.72		
10	256QAM	50	0	16.63	16.72	16.60		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.60	21.64	21.59	23	0
5	QPSK	1	12	21.62	21.66	21.52		
5	QPSK	1	24	21.51	21.64	21.58		
5	QPSK	12	0	20.59	20.65	20.69	22	1
5	QPSK	12	7	20.65	20.64	20.51		
5	QPSK	12	13	20.51	20.62	20.65		
5	QPSK	25	0	20.63	20.64	20.57		
5	16QAM	1	0	20.61	20.64	20.58	22	1
5	16QAM	1	12	20.56	20.58	20.63		
5	16QAM	1	24	20.59	20.63	20.57		
5	16QAM	12	0	19.57	19.65	19.71	21	2
5	16QAM	12	7	19.52	19.70	19.52		
5	16QAM	12	13	19.53	19.70	19.62		
5	16QAM	25	0	19.54	19.70	19.54		
5	64QAM	1	0	19.62	19.71	19.71	21	2
5	64QAM	1	12	19.55	19.61	19.55		
5	64QAM	1	24	19.55	19.62	19.57		
5	64QAM	12	0	18.57	18.70	18.77	20	3
5	64QAM	12	7	18.61	18.71	18.62		
5	64QAM	12	13	18.50	18.65	18.66		
5	64QAM	25	0	18.58	18.63	18.64		
5	256QAM	1	0	16.52	16.78	16.72	18	5
5	256QAM	1	12	16.64	16.64	16.50		
5	256QAM	1	24	16.42	16.76	16.68		
5	256QAM	12	0	16.64	16.63	16.65	18	5
5	256QAM	12	7	16.54	16.72	16.63		
5	256QAM	12	13	16.59	16.61	16.59		
5	256QAM	25	0	16.59	16.70	16.53		
Channel				22025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.59	21.65	21.66	23	0
3	QPSK	1	8	21.60	21.64	21.62		
3	QPSK	1	14	21.57	21.56	21.54		
3	QPSK	8	0	20.65	20.67	20.71	22	1
3	QPSK	8	4	20.60	20.66	20.59		
3	QPSK	8	7	20.52	20.63	20.61		
3	QPSK	15	0	20.60	20.63	20.53		
3	16QAM	1	0	20.66	20.64	20.59	22	1
3	16QAM	1	8	20.58	20.60	20.60		
3	16QAM	1	14	20.59	20.63	20.56		
3	16QAM	8	0	19.63	19.64	19.72	21	2
3	16QAM	8	4	19.52	19.66	19.55		
3	16QAM	8	7	19.53	19.64	19.62		
3	16QAM	15	0	19.52	19.64	19.51		
3	64QAM	1	0	19.59	19.69	19.73	21	2
3	64QAM	1	8	19.50	19.67	19.65		
3	64QAM	1	14	19.55	19.69	19.55		
3	64QAM	8	0	18.60	18.73	18.74	20	3
3	64QAM	8	4	18.59	18.71	18.56		
3	64QAM	8	7	18.55	18.75	18.64		
3	64QAM	15	0	18.58	18.64	18.59		
3	256QAM	1	0	16.54	16.81	16.75	18	5
3	256QAM	1	8	16.65	16.62	16.54		
3	256QAM	1	14	16.53	16.71	16.60		
3	256QAM	8	0	16.63	16.62	16.64	18	5
3	256QAM	8	4	16.53	16.62	16.63		
3	256QAM	8	7	16.62	16.59	16.69		
3	256QAM	15	0	16.53	16.62	16.50		
Channel				22017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.67	21.66	21.59	23	0
1.4	QPSK	1	3	21.59	21.62	21.55		
1.4	QPSK	1	5	21.58	21.64	21.59		
1.4	QPSK	3	0	21.59	21.58	21.48		
1.4	QPSK	3	1	21.57	21.56	21.47		
1.4	QPSK	3	3	21.46	21.57	21.55		
1.4	QPSK	6	0	20.59	20.70	20.56	22	1
1.4	16QAM	1	0	20.61	20.59	20.63	22	1
1.4	16QAM	1	3	20.58	20.68	20.67		
1.4	16QAM	1	5	20.53	20.60	20.51		
1.4	16QAM	3	0	20.56	20.58	20.51		
1.4	16QAM	3	1	20.54	20.48	20.50		
1.4	16QAM	3	3	20.49	20.66	20.55		
1.4	16QAM	6	0	19.59	19.65	19.54	21	2
1.4	64QAM	1	0	19.56	19.67	19.65	21	2
1.4	64QAM	1	3	19.57	19.62	19.56		
1.4	64QAM	1	5	19.51	19.69	19.60		
1.4	64QAM	3	0	19.57	19.52	19.46		
1.4	64QAM	3	1	19.53	19.59	19.62		
1.4	64QAM	3	3	19.52	19.50	19.47		
1.4	64QAM	6	0	18.58	18.59	18.57	20	3
1.4	256QAM	1	0	16.50	16.79	16.74	18	5
1.4	256QAM	1	3	16.66	16.68	16.61		
1.4	256QAM	1	5	16.51	16.74	16.61		
1.4	256QAM	3	0	16.60	16.62	16.66		
1.4	256QAM	3	1	16.60	16.64	16.54		
1.4	256QAM	3	3	16.55	16.62	16.63		
1.4	256QAM	6	0	16.52	16.61	16.57	18	5

Band 13 Ant 1 ECI 2

BW [MHz]	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		21.92		23	0
10	QPSK	1	25		21.85			
10	QPSK	1	49		21.81			
10	QPSK	25	0		20.97		22	1
10	QPSK	25	12		20.87			
10	QPSK	25	25		20.80			
10	QPSK	50	0		20.88			
10	16QAM	1	0		20.87		22	1
10	16QAM	1	25		20.87			
10	16QAM	1	49		20.75			
10	16QAM	25	0		19.96		21	2
10	16QAM	25	12		19.82			
10	16QAM	25	25		19.77			
10	16QAM	50	0		19.86			
10	64QAM	1	0		19.87		21	2
10	64QAM	1	25		19.88			
10	64QAM	1	49		19.83			
10	64QAM	25	0		19.01		20	3
10	64QAM	25	12		18.92			
10	64QAM	25	25		18.85			
10	64QAM	50	0		18.93			
10	256QAM	1	0		16.98		18	5
10	256QAM	1	25		16.82			
10	256QAM	1	49		16.84			
10	256QAM	25	0		16.85		18	5
10	256QAM	25	12		16.86			
10	256QAM	25	25		16.88			
10	256QAM	50	0		16.70			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.78	21.88	21.79	23	0
5	QPSK	1	12	21.72	21.72	21.76		
5	QPSK	1	24	21.78	21.78	21.78		
5	QPSK	12	0	20.86	20.89	20.84	22	1
5	QPSK	12	7	20.76	20.75	20.74		
5	QPSK	12	13	20.76	20.73	20.74		
5	QPSK	25	0	20.86	20.79	20.80		
5	16QAM	1	0	20.83	20.74	20.82	22	1
5	16QAM	1	12	20.82	20.84	20.79		
5	16QAM	1	24	20.66	20.68	20.71		
5	16QAM	12	0	19.85	19.91	19.90	21	2
5	16QAM	12	7	19.74	19.80	19.75		
5	16QAM	12	13	19.65	19.68	19.71		
5	16QAM	25	0	19.83	19.77	19.72		
5	64QAM	1	0	19.75	19.83	19.82	21	2
5	64QAM	1	12	19.75	19.77	19.79		
5	64QAM	1	24	19.73	19.69	19.75		
5	64QAM	12	0	18.90	18.87	18.97	20	3
5	64QAM	12	7	18.84	18.87	18.82		
5	64QAM	12	13	18.79	18.82	18.82		
5	64QAM	25	0	18.85	18.89	18.82		
5	256QAM	1	0	16.85	16.89	16.91	18	5
5	256QAM	1	12	16.80	16.76	16.76		
5	256QAM	1	24	16.72	16.74	16.71		
5	256QAM	12	0	16.77	16.81	16.75	18	5
5	256QAM	12	7	16.73	16.78	16.78		
5	256QAM	12	13	16.83	16.86	16.74		
5	256QAM	25	0	16.62	16.66	16.67		

Band 14 Ant 1 ECI 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.95		23	0
10	QPSK	1	25		21.91			
10	QPSK	1	49		21.86			
10	QPSK	25	0		20.98		22	1
10	QPSK	25	12		20.85			
10	QPSK	25	25		20.86			
10	QPSK	50	0		20.94			
10	16QAM	1	0		20.92		22	1
10	16QAM	1	25		20.88			
10	16QAM	1	49		20.83			
10	16QAM	25	0		19.98		21	2
10	16QAM	25	12		19.84			
10	16QAM	25	25		19.84			
10	16QAM	50	0		19.89			
10	64QAM	1	0		19.92		21	2
10	64QAM	1	25		19.95			
10	64QAM	1	49		19.85			
10	64QAM	25	0		18.94		20	3
10	64QAM	25	12		18.80			
10	64QAM	25	25		18.89			
10	64QAM	50	0		18.99			
10	256QAM	1	0		16.98		18	5
10	256QAM	1	25		16.87			
10	256QAM	1	49		16.89			
10	256QAM	25	0		16.96		18	5
10	256QAM	25	12		16.96			
10	256QAM	25	25		16.94			
10	256QAM	50	0		16.82			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.89	21.93	21.84	23	0
5	QPSK	1	12	21.83	21.86	21.82		
5	QPSK	1	24	21.78	21.81	21.83		
5	QPSK	12	0	20.85	20.96	20.93	22	1
5	QPSK	12	7	20.79	20.72	20.81		
5	QPSK	12	13	20.79	20.76	20.82		
5	QPSK	25	0	20.90	20.90	20.80		
5	16QAM	1	0	20.82	20.84	20.87	22	1
5	16QAM	1	12	20.86	20.80	20.75		
5	16QAM	1	24	20.79	20.76	20.80		
5	16QAM	12	0	19.88	19.87	19.94	21	2
5	16QAM	12	7	19.77	19.77	19.75		
5	16QAM	12	13	19.81	19.76	19.79		
5	16QAM	25	0	19.84	19.78	19.85		
5	64QAM	1	0	19.87	19.87	19.80	21	2
5	64QAM	1	12	19.90	19.92	19.87		
5	64QAM	1	24	19.80	19.73	19.72		
5	64QAM	12	0	18.83	18.83	18.91	20	3
5	64QAM	12	7	18.72	18.76	18.69		
5	64QAM	12	13	18.76	18.80	18.82		
5	64QAM	25	0	18.95	18.97	18.95		
5	256QAM	1	0	16.91	16.86	16.88	18	5
5	256QAM	1	12	16.82	16.74	16.78		
5	256QAM	1	24	16.86	16.76	16.78		
5	256QAM	12	0	16.85	16.87	16.90	18	5
5	256QAM	12	7	16.93	16.94	16.94		
5	256QAM	12	13	16.92	16.84	16.86		
5	256QAM	25	0	16.71	16.73	16.75		

Band 17 Ant 1 ECI 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23760	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.67	21.70	21.62	23	0
10	QPSK	1	25	21.59	21.67	21.63		
10	QPSK	1	49	21.57	21.62	21.53		
10	QPSK	25	0	20.58	20.75	20.67	22	1
10	QPSK	25	12	20.63	20.70	20.57		
10	QPSK	25	25	20.47	20.71	20.64		
10	QPSK	50	0	20.60	20.69	20.62		
10	16QAM	1	0	20.56	20.58	20.55	22	1
10	16QAM	1	25	20.56	20.64	20.66		
10	16QAM	1	49	20.56	20.65	20.55		
10	16QAM	25	0	19.55	19.70	19.62	21	2
10	16QAM	25	12	19.58	19.64	19.51		
10	16QAM	25	25	19.61	19.73	19.72		
10	16QAM	50	0	19.63	19.71	19.56		
10	64QAM	1	0	19.64	19.66	19.74	21	2
10	64QAM	1	25	19.53	19.63	19.62		
10	64QAM	1	49	19.52	19.67	19.54		
10	64QAM	25	0	18.59	18.66	18.69	20	3
10	64QAM	25	12	18.58	18.71	18.57		
10	64QAM	25	25	18.52	18.71	18.59		
10	64QAM	50	0	18.59	18.58	18.62		
10	256QAM	1	0	16.54	16.79	16.66	18	5
10	256QAM	1	25	16.59	16.65	16.54		
10	256QAM	1	49	16.47	16.70	16.68		
10	256QAM	25	0	16.63	16.68	16.66	18	5
10	256QAM	25	12	16.52	16.63	16.55		
10	256QAM	25	25	16.63	16.60	16.62		
10	256QAM	50	0	16.56	16.60	16.48		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.61	21.64	21.53	23	0
5	QPSK	1	12	21.49	21.54	21.57		
5	QPSK	1	24	21.46	21.57	21.44		
5	QPSK	12	0	20.51	20.66	20.55	22	1
5	QPSK	12	7	20.59	20.63	20.52		
5	QPSK	12	13	20.45	20.64	20.56		
5	QPSK	25	0	20.56	20.65	20.49		
5	16QAM	1	0	20.44	20.47	20.50	22	1
5	16QAM	1	12	20.53	20.59	20.60		
5	16QAM	1	24	20.44	20.58	20.51		
5	16QAM	12	0	19.43	19.59	19.50	21	2
5	16QAM	12	7	19.51	19.61	19.44		
5	16QAM	12	13	19.57	19.71	19.58		
5	16QAM	25	0	19.58	19.58	19.43		
5	64QAM	1	0	19.51	19.58	19.70	21	2
5	64QAM	1	12	19.45	19.52	19.50		
5	64QAM	1	24	19.46	19.62	19.41		
5	64QAM	12	0	18.47	18.62	18.65	20	3
5	64QAM	12	7	18.46	18.69	18.43		
5	64QAM	12	13	18.43	18.62	18.51		
5	64QAM	25	0	18.55	18.50	18.60		
5	256QAM	1	0	16.41	16.77	16.64	18	5
5	256QAM	1	12	16.46	16.57	16.46		
5	256QAM	1	24	16.38	16.64	16.59		
5	256QAM	12	0	16.60	16.62	16.55	18	5
5	256QAM	12	7	16.45	16.52	16.45		
5	256QAM	12	13	16.61	16.55	16.57		
5	256QAM	25	0	16.46	16.55	16.37		

Band 25 Ant 1 ECI 2

BW [MHz]	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	22.66	22.80	22.69	24	0
20	QPSK	1	49	22.67	22.71	22.65		
20	QPSK	1	99	22.62	22.69	22.66		
20	QPSK	50	0	21.74	21.80	21.63	23	1
20	QPSK	50	24	21.76	21.67	21.75		
20	QPSK	50	50	21.57	21.60	21.58		
20	QPSK	100	0	21.68	21.75	21.62		
20	16QAM	1	0	21.68	21.69	21.65	23	1
20	16QAM	1	49	21.66	21.77	21.66		
20	16QAM	1	99	21.56	21.54	21.56		
20	16QAM	50	0	20.64	20.77	20.63	22	2
20	16QAM	50	24	20.69	20.74	20.67		
20	16QAM	50	50	20.65	20.71	20.63		
20	16QAM	100	0	20.72	20.74	20.52		
20	64QAM	1	0	20.69	20.70	20.61	22	2
20	64QAM	1	49	20.72	20.66	20.72		
20	64QAM	1	99	20.60	20.58	20.62		
20	64QAM	50	0	19.72	19.74	19.69	21	3
20	64QAM	50	24	19.72	19.71	19.74		
20	64QAM	50	50	19.50	19.68	19.61		
20	64QAM	100	0	19.76	19.68	19.65		
20	256QAM	1	0	17.73	17.75	17.71	19	5
20	256QAM	1	49	17.65	17.71	17.73		
20	256QAM	1	99	17.61	17.62	17.69		
20	256QAM	50	0	17.75	17.65	17.61	19	5
20	256QAM	50	24	17.76	17.64	17.66		
20	256QAM	50	50	17.63	17.66	17.74		
20	256QAM	100	0	17.49	17.60	17.62		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.59	22.76	22.67	24	0
15	QPSK	1	37	22.55	22.60	22.60		
15	QPSK	1	74	22.54	22.72	22.61		
15	QPSK	36	0	21.70	21.71	21.50	23	1
15	QPSK	36	20	21.73	21.59	21.71		
15	QPSK	36	39	21.46	21.54	21.51		
15	QPSK	75	0	21.66	21.62	21.50		
15	16QAM	1	0	21.59	21.61	21.55	23	1
15	16QAM	1	37	21.52	21.70	21.58		
15	16QAM	1	74	21.52	21.52	21.46		
15	16QAM	36	0	20.54	20.73	20.55	22	2
15	16QAM	36	20	20.66	20.72	20.57		
15	16QAM	36	39	20.62	20.65	20.56		
15	16QAM	75	0	20.65	20.62	20.44		
15	64QAM	1	0	20.62	20.65	20.56	22	2
15	64QAM	1	37	20.61	20.59	20.63		
15	64QAM	1	74	20.57	20.45	20.55		
15	64QAM	36	0	19.69	19.65	19.58	21	3
15	64QAM	36	20	19.63	19.59	19.61		
15	64QAM	36	39	19.43	19.57	19.55		
15	64QAM	75	0	19.74	19.65	19.59		
15	256QAM	1	0	17.70	17.65	17.58	19	5
15	256QAM	1	37	17.57	17.58	17.63		
15	256QAM	1	74	17.52	17.57	17.63		
15	256QAM	36	0	17.67	17.54	17.54	19	5
15	256QAM	36	20	17.65	17.61	17.63		
15	256QAM	36	39	17.57	17.60	17.66		
15	256QAM	75	0	17.35	17.50	17.52		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.59	22.69	22.65	24	0
10	QPSK	1	25	22.63	22.60	22.54		
10	QPSK	1	49	22.57	22.64	22.60		
10	QPSK	25	0	21.69	21.69	21.51	23	1
10	QPSK	25	12	21.64	21.55	21.68		
10	QPSK	25	25	21.47	21.57	21.45		
10	QPSK	50	0	21.66	21.70	21.52		
10	16QAM	1	0	21.55	21.64	21.59	23	1
10	16QAM	1	25	21.59	21.74	21.57		
10	16QAM	1	49	21.49	21.49	21.45		
10	16QAM	25	0	20.58	20.65	20.59	22	2
10	16QAM	25	12	20.65	20.67	20.55		
10	16QAM	25	25	20.54	20.59	20.59		
10	16QAM	50	0	20.66	20.72	20.46		
10	64QAM	1	0	20.60	20.61	20.54	22	2
10	64QAM	1	25	20.68	20.59	20.62		
10	64QAM	1	49	20.53	20.54	20.58		
10	64QAM	25	0	19.65	19.62	19.59	21	3
10	64QAM	25	12	19.58	19.60	19.65		
10	64QAM	25	25	19.41	19.55	19.48		
10	64QAM	50	0	19.67	19.65	19.62		
10	256QAM	1	0	17.60	17.61	17.65	19	5
10	256QAM	1	25	17.51	17.60	17.65		
10	256QAM	1	49	17.52	17.58	17.59		
10	256QAM	25	0	17.61	17.59	17.56	19	5
10	256QAM	25	12	17.69	17.57	17.60		
10	256QAM	25	25	17.58	17.54	17.72		
10	256QAM	50	0	17.40	17.57	17.50		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.56	22.76	22.61	24	0
5	QPSK	1	12	22.55	22.68	22.61		
5	QPSK	1	24	22.54	22.63	22.63		
5	QPSK	12	0	21.64	21.73	21.49	23	1
5	QPSK	12	7	21.72	21.58	21.67		
5	QPSK	12	13	21.47	21.48	21.46		
5	QPSK	25	0	21.59	21.66	21.52		
5	16QAM	1	0	21.65	21.57	21.56	23	1
5	16QAM	1	12	21.52	21.68	21.64		
5	16QAM	1	24	21.43	21.41	21.43		
5	16QAM	12	0	20.55	20.71	20.52	22	2
5	16QAM	12	7	20.62	20.71	20.57		
5	16QAM	12	13	20.60	20.67	20.56		
5	16QAM	25	0	20.61	20.61	20.40		
5	64QAM	1	0	20.59	20.57	20.56	22	2
5	64QAM	1	12	20.62	20.58	20.66		
5	64QAM	1	24	20.46	20.51	20.57		
5	64QAM	12	0	19.61	19.68	19.56	21	3
5	64QAM	12	7	19.69	19.66	19.64		
5	64QAM	12	13	19.46	19.61	19.51		
5	64QAM	25	0	19.70	19.58	19.60		
5	256QAM	1	0	17.63	17.70	17.65	19	5
5	256QAM	1	12	17.61	17.64	17.59		
5	256QAM	1	24	17.54	17.58	17.58		
5	256QAM	12	0	17.65	17.62	17.48	19	5
5	256QAM	12	7	17.70	17.54	17.58		
5	256QAM	12	13	17.52	17.57	17.72		
5	256QAM	25	0	17.40	17.56	17.50		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.61	22.67	22.60	24	0
3	QPSK	1	8	22.61	22.67	22.57		
3	QPSK	1	14	22.56	22.59	22.59		
3	QPSK	8	0	21.65	21.75	21.58	23	1
3	QPSK	8	4	21.65	21.53	21.67		
3	QPSK	8	7	21.53	21.49	21.52		
3	QPSK	15	0	21.55	21.69	21.49		
3	16QAM	1	0	21.58	21.64	21.54	23	1
3	16QAM	1	8	21.59	21.74	21.54		
3	16QAM	1	14	21.46	21.42	21.44		
3	16QAM	8	0	20.50	20.67	20.60	22	2
3	16QAM	8	4	20.59	20.71	20.62		
3	16QAM	8	7	20.61	20.59	20.50		
3	16QAM	15	0	20.70	20.61	20.43		
3	64QAM	1	0	20.61	20.62	20.56	22	2
3	64QAM	1	8	20.59	20.61	20.68		
3	64QAM	1	14	20.53	20.46	20.58		
3	64QAM	8	0	19.60	19.70	19.58	21	3
3	64QAM	8	4	19.58	19.59	19.61		
3	64QAM	8	7	19.39	19.63	19.53		
3	64QAM	15	0	19.63	19.59	19.54		
3	256QAM	1	0	17.70	17.67	17.69	19	5
3	256QAM	1	8	17.58	17.63	17.64		
3	256QAM	1	14	17.54	17.52	17.56		
3	256QAM	8	0	17.69	17.52	17.57	19	5
3	256QAM	8	4	17.67	17.60	17.60		
3	256QAM	8	7	17.52	17.61	17.64		
3	256QAM	15	0	17.37	17.46	17.55		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.61	22.77	22.65	24	0
1.4	QPSK	1	3	22.65	22.60	22.59		
1.4	QPSK	1	5	22.55	22.62	22.62		
1.4	QPSK	3	0	22.57	22.75	22.57		
1.4	QPSK	3	1	22.53	22.54	22.46		
1.4	QPSK	3	3	22.46	22.52	22.57		
1.4	QPSK	6	0	21.61	21.71	21.51	23	1
1.4	16QAM	1	0	21.64	21.63	21.56	23	1
1.4	16QAM	1	3	21.64	21.73	21.58		
1.4	16QAM	1	5	21.52	21.49	21.43		
1.4	16QAM	3	0	21.54	21.58	21.41		
1.4	16QAM	3	1	21.61	21.51	21.46		
1.4	16QAM	3	3	21.54	21.64	21.49		
1.4	16QAM	6	0	20.66	20.65	20.44	22	2
1.4	64QAM	1	0	20.60	20.63	20.49	22	2
1.4	64QAM	1	3	20.60	20.57	20.65		
1.4	64QAM	1	5	20.48	20.45	20.51		
1.4	64QAM	3	0	20.53	20.54	20.39		
1.4	64QAM	3	1	20.50	20.60	20.37		
1.4	64QAM	3	3	20.56	20.51	20.57		
1.4	64QAM	6	0	19.72	19.65	19.53	21	3
1.4	256QAM	1	0	17.61	17.68	17.69	19	5
1.4	256QAM	1	3	17.55	17.67	17.60		
1.4	256QAM	1	5	17.52	17.55	17.65		
1.4	256QAM	3	0	17.66	17.60	17.57		
1.4	256QAM	3	1	17.69	17.51	17.61		
1.4	256QAM	3	3	17.52	17.54	17.61		
1.4	256QAM	6	0	17.38	17.47	17.53	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.76	21.92	21.81	23	0
15	QPSK	1	37	21.70	21.83	21.70		
15	QPSK	1	74	21.71	21.73	21.83		
15	QPSK	36	0	20.75	20.95	20.89	22	1
15	QPSK	36	20	20.67	20.77	20.70		
15	QPSK	36	39	20.78	20.67	20.84		
15	QPSK	75	0	20.78	20.80	20.77		
15	16QAM	1	0	20.72	20.86	20.84	22	1
15	16QAM	1	37	20.68	20.87	20.65		
15	16QAM	1	74	20.83	20.75	20.87		
15	16QAM	36	0	19.85	19.94	19.81	21	2
15	16QAM	36	20	19.71	19.74	19.67		
15	16QAM	36	39	19.79	19.71	19.85		
15	16QAM	75	0	19.74	19.80	19.82		
15	64QAM	1	0	19.73	19.93	19.84	21	2
15	64QAM	1	37	19.68	19.79	19.74		
15	64QAM	1	74	19.78	19.75	19.83		
15	64QAM	36	0	18.71	18.87	18.85	20	3
15	64QAM	36	20	18.72	18.70	18.71		
15	64QAM	36	39	18.77	18.62	18.80		
15	64QAM	75	0	18.71	18.78	18.83		
15	256QAM	1	0	16.73	16.93	16.80	18	5
15	256QAM	1	37	16.70	16.85	16.61		
15	256QAM	1	74	16.82	16.68	16.75		
15	256QAM	36	0	16.81	16.84	16.84	18	5
15	256QAM	36	20	16.79	16.82	16.85		
15	256QAM	36	39	16.73	16.83	16.68		
15	256QAM	75	0	16.81	16.73	16.86		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.71	21.87	21.79	23	0
10	QPSK	1	25	21.61	21.79	21.58		
10	QPSK	1	49	21.67	21.65	21.71		
10	QPSK	25	0	20.70	20.82	20.79	22	1
10	QPSK	25	12	20.64	20.70	20.57		
10	QPSK	25	25	20.75	20.57	20.81		
10	QPSK	50	0	20.75	20.72	20.73		
10	16QAM	1	0	20.62	20.73	20.78	22	1
10	16QAM	1	25	20.54	20.76	20.61		
10	16QAM	1	49	20.71	20.68	20.75		
10	16QAM	25	0	19.80	19.81	19.73	21	2
10	16QAM	25	12	19.67	19.61	19.56		
10	16QAM	25	25	19.68	19.64	19.72		
10	16QAM	50	0	19.65	19.78	19.77		
10	64QAM	1	0	19.61	19.86	19.82	21	2
10	64QAM	1	25	19.62	19.75	19.60		
10	64QAM	1	49	19.74	19.66	19.73		
10	64QAM	25	0	18.61	18.84	18.83	20	3
10	64QAM	25	12	18.58	18.61	18.62		
10	64QAM	25	25	18.64	18.54	18.68		
10	64QAM	50	0	18.60	18.71	18.70		
10	256QAM	1	0	16.67	16.84	16.75	18	5
10	256QAM	1	25	16.66	16.77	16.50		
10	256QAM	1	49	16.70	16.58	16.73		
10	256QAM	25	0	16.69	16.81	16.80	18	5
10	256QAM	25	12	16.69	16.79	16.78		
10	256QAM	25	25	16.64	16.80	16.63		
10	256QAM	50	0	16.71	16.68	16.74		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.65	21.83	21.71	23	0
5	QPSK	1	12	21.66	21.80	21.61		
5	QPSK	1	24	21.67	21.65	21.78		
5	QPSK	12	0	20.66	20.85	20.86	22	1
5	QPSK	12	7	20.55	20.73	20.61		
5	QPSK	12	13	20.75	20.54	20.72		
5	QPSK	25	0	20.75	20.78	20.67		
5	16QAM	1	0	20.64	20.82	20.70	22	1
5	16QAM	1	12	20.58	20.74	20.62		
5	16QAM	1	24	20.77	20.63	20.85		
5	16QAM	12	0	19.81	19.88	19.70	21	2
5	16QAM	12	7	19.59	19.67	19.58		
5	16QAM	12	13	19.72	19.69	19.83		
5	16QAM	25	0	19.63	19.76	19.70		
5	64QAM	1	0	19.60	19.85	19.81	21	2
5	64QAM	1	12	19.60	19.70	19.63		
5	64QAM	1	24	19.69	19.63	19.75		
5	64QAM	12	0	18.61	18.81	18.83	20	3
5	64QAM	12	7	18.63	18.60	18.67		
5	64QAM	12	13	18.75	18.49	18.71		
5	64QAM	25	0	18.60	18.65	18.72		
5	256QAM	1	0	16.65	16.88	16.78	18	5
5	256QAM	1	12	16.58	16.76	16.50		
5	256QAM	1	24	16.76	16.60	16.72		
5	256QAM	12	0	16.70	16.70	16.81	18	5
5	256QAM	12	7	16.74	16.71	16.79		
5	256QAM	12	13	16.61	16.71	16.56		
5	256QAM	25	0	16.70	16.65	16.77		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.67	21.81	21.78	23	0
3	QPSK	1	8	21.66	21.72	21.65		
3	QPSK	1	14	21.61	21.61	21.72		
3	QPSK	8	0	20.66	20.85	20.87	22	1
3	QPSK	8	4	20.64	20.74	20.62		
3	QPSK	8	7	20.67	20.62	20.75		
3	QPSK	15	0	20.72	20.71	20.71		
3	16QAM	1	0	20.68	20.74	20.72	22	1
3	16QAM	1	8	20.58	20.85	20.53		
3	16QAM	1	14	20.75	20.67	20.74		
3	16QAM	8	0	19.74	19.81	19.76	21	2
3	16QAM	8	4	19.67	19.68	19.63		
3	16QAM	8	7	19.72	19.68	19.81		
3	16QAM	15	0	19.61	19.69	19.71		
3	64QAM	1	0	19.61	19.88	19.79	21	2
3	64QAM	1	8	19.60	19.70	19.67		
3	64QAM	1	14	19.74	19.62	19.80		
3	64QAM	8	0	18.63	18.77	18.74	20	3
3	64QAM	8	4	18.64	18.64	18.64		
3	64QAM	8	7	18.70	18.57	18.71		
3	64QAM	15	0	18.65	18.66	18.70		
3	256QAM	1	0	16.60	16.83	16.75	18	5
3	256QAM	1	8	16.64	16.79	16.54		
3	256QAM	1	14	16.71	16.65	16.64		
3	256QAM	8	0	16.69	16.75	16.72	18	5
3	256QAM	8	4	16.69	16.77	16.81		
3	256QAM	8	7	16.65	16.72	16.58		
3	256QAM	15	0	16.74	16.68	16.73		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.66	21.79	21.73	23	0
1.4	QPSK	1	3	21.58	21.69	21.58		
1.4	QPSK	1	5	21.61	21.59	21.78		
1.4	QPSK	3	0	21.61	21.67	21.66		
1.4	QPSK	3	1	21.44	21.62	21.45		
1.4	QPSK	3	3	21.47	21.52	21.68		
1.4	QPSK	6	0	20.72	20.70	20.71	22	1
1.4	16QAM	1	0	20.63	20.81	20.78	22	1
1.4	16QAM	1	3	20.55	20.74	20.51		
1.4	16QAM	1	5	20.78	20.69	20.75		
1.4	16QAM	3	0	20.67	20.61	20.62		
1.4	16QAM	3	1	20.52	20.75	20.74		
1.4	16QAM	3	3	20.46	20.70	20.45		
1.4	16QAM	6	0	19.65	19.70	19.69	21	2
1.4	64QAM	1	0	19.68	19.87	19.78	21	2
1.4	64QAM	1	3	19.55	19.76	19.60		
1.4	64QAM	1	5	19.69	19.65	19.71		
1.4	64QAM	3	0	19.58	19.58	19.56		
1.4	64QAM	3	1	19.65	19.84	19.68		
1.4	64QAM	3	3	19.43	19.68	19.49		
1.4	64QAM	6	0	18.58	18.65	18.80	20	3
1.4	256QAM	1	0	16.68	16.79	16.71	18	5
1.4	256QAM	1	3	16.58	16.73	16.55		
1.4	256QAM	1	5	16.77	16.58	16.65		
1.4	256QAM	3	0	16.74	16.71	16.72		
1.4	256QAM	3	1	16.68	16.78	16.72		
1.4	256QAM	3	3	16.60	16.75	16.62		
1.4	256QAM	6	0	16.73	16.60	16.75	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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.31		24	0
10	QPSK	1	25		23.24			
10	QPSK	1	49		23.23			
10	QPSK	25	0		22.34		23	1
10	QPSK	25	12		22.20			
10	QPSK	25	25		22.22			
10	QPSK	50	0		22.26			
10	16QAM	1	0		22.26		23	1
10	16QAM	1	25		22.29			
10	16QAM	1	49		22.22			
10	16QAM	25	0		21.39		22	2
10	16QAM	25	12		21.25			
10	16QAM	25	25		21.20			
10	16QAM	50	0		21.20			
10	64QAM	1	0		21.29		22	2
10	64QAM	1	25		21.26			
10	64QAM	1	49		21.18			
10	64QAM	25	0		20.32		21	3
10	64QAM	25	12		20.15			
10	64QAM	25	25		20.27			
10	64QAM	50	0		20.25			
10	256QAM	1	0		18.30		19	5
10	256QAM	1	25		18.17			
10	256QAM	1	49		18.27			
10	256QAM	25	0		18.23		19	5
10	256QAM	25	12		18.24			
10	256QAM	25	25		18.23			
10	256QAM	50	0		18.18			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	23.22	23.28	23.17	24	0
5	QPSK	1	12	23.17	23.18	23.11		
5	QPSK	1	24	23.15	23.12	23.14		
5	QPSK	12	0	22.21	22.30	22.26	23	1
5	QPSK	12	7	22.17	22.14	22.08		
5	QPSK	12	13	22.14	22.17	22.09		
5	QPSK	25	0	22.19	22.23	22.12		
5	16QAM	1	0	22.18	22.14	22.13	23	1
5	16QAM	1	12	22.26	22.18	22.24		
5	16QAM	1	24	22.19	22.19	22.16		
5	16QAM	12	0	21.27	21.30	21.33	22	2
5	16QAM	12	7	21.23	21.17	21.17		
5	16QAM	12	13	21.15	21.13	21.06		
5	16QAM	25	0	21.13	21.16	21.17		
5	64QAM	1	0	21.25	21.17	21.17	22	2
5	64QAM	1	12	21.19	21.15	21.19		
5	64QAM	1	24	21.12	21.13	21.15		
5	64QAM	12	0	20.29	20.23	20.29	21	3
5	64QAM	12	7	20.03	20.08	20.01		
5	64QAM	12	13	20.22	20.20	20.23		
5	64QAM	25	0	20.11	20.22	20.14		
5	256QAM	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.05	23.12	23.04	24	0
20	QPSK	1	49	22.99	23.07	22.96		
20	QPSK	1	99	22.99	23.04	23.01		
20	QPSK	50	0	22.05	22.15	22.00	23	1
20	QPSK	50	24	22.00	22.05	21.97		
20	QPSK	50	50	22.06	22.08	22.00		
20	QPSK	100	0	22.09	22.11	22.03		
20	16QAM	1	0	22.05	22.06	22.02	23	1
20	16QAM	1	49	22.02	22.04	21.96		
20	16QAM	1	99	21.98	21.98	21.95		
20	16QAM	50	0	21.07	21.09	21.03	22	2
20	16QAM	50	24	21.07	20.98	21.01		
20	16QAM	50	50	21.10	21.05	21.04		
20	16QAM	100	0	21.10	21.04	21.04		
20	64QAM	1	0	21.08	21.18	21.04	22	2
20	64QAM	1	49	20.98	21.03	20.91		
20	64QAM	1	99	20.98	21.13	21.03		
20	64QAM	50	0	20.11	20.15	20.05	21	3
20	64QAM	50	24	20.05	20.07	20.04		
20	64QAM	50	50	19.96	20.03	20.01		
20	64QAM	100	0	20.14	20.06	19.99		
20	256QAM	1	0	18.08	18.21	17.96	19	5
20	256QAM	1	49	18.13	17.97	17.94		
20	256QAM	1	99	18.07	18.13	18.04		
20	256QAM	50	0	18.07	18.08	18.09	19	5
20	256QAM	50	24	18.09	18.07	18.13		
20	256QAM	50	50	17.90	17.96	17.98		
20	256QAM	100	0	17.93	17.97	18.01		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.93	23.01	23.02	24	0
15	QPSK	1	37	22.88	22.98	22.90		
15	QPSK	1	74	22.86	22.99	22.99		
15	QPSK	36	0	22.01	22.08	21.94	23	1
15	QPSK	36	20	21.94	21.96	21.89		
15	QPSK	36	39	22.03	22.04	21.91		
15	QPSK	75	0	22.00	22.04	22.00		
15	16QAM	1	0	21.95	21.98	21.89	23	1
15	16QAM	1	37	21.98	22.01	21.93		
15	16QAM	1	74	21.96	21.93	21.93		
15	16QAM	36	0	20.97	21.01	20.96	22	2
15	16QAM	36	20	20.94	20.87	20.93		
15	16QAM	36	39	21.04	20.95	20.96		
15	16QAM	75	0	21.00	20.94	20.92		
15	64QAM	1	0	21.05	21.15	20.95	22	2
15	64QAM	1	37	20.95	20.99	20.79		
15	64QAM	1	74	20.85	21.09	20.91		
15	64QAM	36	0	20.05	20.12	19.93	21	3
15	64QAM	36	20	19.98	19.99	19.98		
15	64QAM	36	39	19.87	19.98	19.88		
15	64QAM	75	0	20.09	19.99	19.92		
15	256QAM	1	0	18.00	18.15	17.89	19	5
15	256QAM	1	37	18.09	17.89	17.83		
15	256QAM	1	74	17.95	18.02	18.00		
15	256QAM	36	0	17.94	18.02	18.02	19	5
15	256QAM	36	20	17.95	17.93	18.00		
15	256QAM	36	39	17.81	17.84	17.86		
15	256QAM	75	0	17.81	17.89	17.98		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.95	23.05	22.94	24	0
10	QPSK	1	25	22.86	22.98	22.88		
10	QPSK	1	49	22.93	22.93	22.89		
10	QPSK	25	0	22.02	22.09	21.91	23	1
10	QPSK	25	12	21.90	22.00	21.86		
10	QPSK	25	25	21.97	21.96	21.94		
10	QPSK	50	0	22.06	22.03	22.00		
10	16QAM	1	0	21.93	21.92	21.94	23	1
10	16QAM	1	25	21.94	21.94	21.93		
10	16QAM	1	49	21.86	21.94	21.85		
10	16QAM	25	0	21.00	21.02	21.00	22	2
10	16QAM	25	12	20.94	20.90	20.90		
10	16QAM	25	25	21.01	21.01	20.96		
10	16QAM	50	0	20.98	20.95	20.94		
10	64QAM	1	0	20.95	21.09	20.96	22	2
10	64QAM	1	25	20.87	20.95	20.83		
10	64QAM	1	49	20.84	21.02	20.95		
10	64QAM	25	0	19.98	20.09	19.98	21	3
10	64QAM	25	12	19.99	19.96	19.97		
10	64QAM	25	25	19.83	19.96	19.98		
10	64QAM	50	0	20.08	20.00	19.85		
10	256QAM	1	0	18.02	18.10	17.91	19	5
10	256QAM	1	25	18.08	17.88	17.86		
10	256QAM	1	49	17.97	17.99	17.95		
10	256QAM	25	0	17.98	18.00	18.07	19	5
10	256QAM	25	12	17.97	18.04	18.07		
10	256QAM	25	25	17.80	17.85	17.89		
10	256QAM	50	0	17.88	17.90	17.93		
Channel				131972	132322	132447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.00	23.03	22.91	24	0
5	QPSK	1	12	22.94	22.98	22.93		
5	QPSK	1	24	22.92	22.91	22.95		
5	QPSK	12	0	22.01	22.13	21.88	23	1
5	QPSK	12	7	21.89	22.00	21.90		
5	QPSK	12	13	21.95	22.03	21.97		
5	QPSK	25	0	22.02	22.08	21.93		
5	16QAM	1	0	22.02	21.99	21.89	23	1
5	16QAM	1	12	21.89	21.99	21.84		
5	16QAM	1	24	21.84	21.86	21.86		
5	16QAM	12	0	20.94	20.98	20.99	22	2
5	16QAM	12	7	20.97	20.93	20.89		
5	16QAM	12	13	20.99	21.02	20.96		
5	16QAM	25	0	20.97	20.95	20.93		
5	64QAM	1	0	20.95	21.07	20.99	22	2
5	64QAM	1	12	20.95	20.99	20.85		
5	64QAM	1	24	20.93	21.01	20.92		
5	64QAM	12	0	20.03	20.08	19.94	21	3
5	64QAM	12	7	19.93	19.95	19.94		
5	64QAM	12	13	19.86	19.93	19.89		
5	64QAM	25	0	20.07	19.98	19.90		
5	256QAM	1	0	18.05	18.12	17.90	19	5
5	256QAM	1	12	18.04	17.83	17.89		
5	256QAM	1	24	17.98	18.10	17.93		
5	256QAM	12	0	17.97	18.00	18.03	19	5
5	256QAM	12	7	18.03	18.01	18.10		
5	256QAM	12	13	17.80	17.91	17.96		
5	256QAM	25	0	17.90	17.91	17.98		
Channel				131967	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.02	23.05	23.01	24	0
3	QPSK	1	8	22.90	23.04	22.85		
3	QPSK	1	14	22.94	22.93	22.94		
3	QPSK	8	0	21.95	22.05	21.92	23	1
3	QPSK	8	4	21.91	21.98	21.88		
3	QPSK	8	7	21.94	22.02	21.96		
3	QPSK	15	0	22.03	22.05	21.90		
3	16QAM	1	0	22.01	22.02	21.95	23	1
3	16QAM	1	8	21.96	21.90	21.83		
3	16QAM	1	14	21.90	21.87	21.86		
3	16QAM	8	0	21.04	20.96	20.96	22	2
3	16QAM	8	4	20.98	20.94	20.90		
3	16QAM	8	7	21.07	20.92	20.94		
3	16QAM	15	0	20.98	20.99	21.01		
3	64QAM	1	0	21.04	21.10	20.96	22	2
3	64QAM	1	8	20.96	20.99	20.79		
3	64QAM	1	14	20.86	21.03	20.96		
3	64QAM	8	0	20.02	20.08	19.99	21	3
3	64QAM	8	4	19.92	20.02	19.95		
3	64QAM	8	7	19.87	19.97	19.90		
3	64QAM	15	0	20.11	19.99	19.92		
3	256QAM	1	0	17.96	18.14	17.91	19	5
3	256QAM	1	8	18.07	17.92	17.90		
3	256QAM	1	14	17.96	18.00	17.95		
3	256QAM	8	0	17.93	17.94	18.02	19	5
3	256QAM	8	4	17.97	17.96	18.10		
3	256QAM	8	7	17.87	17.89	17.84		
3	256QAM	15	0	17.83	17.87	17.94		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.02	23.02	22.99	24	0
1.4	QPSK	1	3	22.94	23.03	22.90		
1.4	QPSK	1	5	22.88	22.96	22.89		
1.4	QPSK	3	0	22.96	22.95	22.85		
1.4	QPSK	3	1	22.84	22.97	22.85		
1.4	QPSK	3	3	22.76	22.90	22.85		
1.4	QPSK	6	0	22.01	22.07	21.94	23	1
1.4	16QAM	1	0	21.98	21.92	21.99	23	1
1.4	16QAM	1	3	21.97	21.97	21.84		
1.4	16QAM	1	5	21.93	21.95	21.82		
1.4	16QAM	3	0	21.90	22.04	21.92		
1.4	16QAM	3	1	21.89	21.82	21.95		
1.4	16QAM	3	3	21.85	21.94	21.79		
1.4	16QAM	6	0	20.96	20.94	20.93	22	2
1.4	64QAM	1	0	21.01	21.09	20.90	22	2
1.4	64QAM	1	3	20.90	20.98	20.86		
1.4	64QAM	1	5	20.93	21.05	20.94		
1.4	64QAM	3	0	20.83	20.83	20.91		
1.4	64QAM	3	1	20.91	21.06	20.78		
1.4	64QAM	3	3	20.86	20.93	20.79		
1.4	64QAM	6	0	20.04	20.03	19.90	21	3
1.4	256QAM	1	0	18.00	18.13	17.87	19	5
1.4	256QAM	1	3	18.01	17.93	17.89		
1.4	256QAM	1	5	17.95	18.04	17.97		
1.4	256QAM	3	0	18.03	18.01	17.99		
1.4	256QAM	3	1	18.07	18.00	18.07		
1.4	256QAM	3	3	17.81	17.83	17.96		
1.4	256QAM	6	0	17.82	17.87	17.90	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.11	22.13	22.12	23	0
20	QPSK	1	49	22.05	22.08	22.02		
20	QPSK	1	99	22.04	22.02	22.04		
20	QPSK	50	0	21.07	21.18	21.08	22	1
20	QPSK	50	24	21.10	21.10	21.03		
20	QPSK	50	50	21.02	21.01	21.02		
20	QPSK	100	0	21.09	21.14	21.11		
20	16QAM	1	0	21.07	21.10	21.07	22	1
20	16QAM	1	49	21.03	21.14	20.99		
20	16QAM	1	99	21.00	21.05	21.08		
20	16QAM	50	0	20.11	20.13	20.02	21	2
20	16QAM	50	24	20.04	20.15	20.06		
20	16QAM	50	50	20.06	20.02	20.07		
20	16QAM	100	0	20.15	20.16	20.13		
20	64QAM	1	0	20.17	20.15	20.14	21	2
20	64QAM	1	49	20.07	20.12	19.96		
20	64QAM	1	99	20.10	19.99	20.06		
20	64QAM	50	0	19.10	19.22	19.13	20	3
20	64QAM	50	24	19.08	19.07	19.06		
20	64QAM	50	50	18.99	19.06	19.05		
20	64QAM	100	0	19.10	19.18	19.13		
20	256QAM	1	0	17.10	17.21	17.07	18	5
20	256QAM	1	49	17.16	17.14	17.05		
20	256QAM	1	99	17.00	16.96	17.03		
20	256QAM	50	0	17.11	17.16	17.16	18	5
20	256QAM	50	24	17.03	17.05	17.02		
20	256QAM	50	50	16.98	17.18	16.98		
20	256QAM	100	0	17.02	17.10	17.05		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.98	22.10	22.01	23	0
15	QPSK	1	37	22.01	21.96	21.89		
15	QPSK	1	74	21.98	21.96	21.90		
15	QPSK	36	0	20.94	21.10	21.00	22	1
15	QPSK	36	20	21.03	21.01	20.97		
15	QPSK	36	39	20.93	20.94	20.92		
15	QPSK	75	0	21.02	21.01	20.97		
15	16QAM	1	0	21.05	21.03	21.02	22	1
15	16QAM	1	37	21.01	21.07	20.92		
15	16QAM	1	74	20.90	20.94	21.05		
15	16QAM	36	0	20.04	20.00	19.95	21	2
15	16QAM	36	20	19.98	20.07	20.04		
15	16QAM	36	39	20.03	19.95	20.02		
15	16QAM	75	0	20.02	20.05	19.99		
15	64QAM	1	0	20.11	20.11	20.01	21	2
15	64QAM	1	37	19.96	20.08	19.93		
15	64QAM	1	74	20.03	19.96	20.01		
15	64QAM	36	0	19.07	19.16	19.07	20	3
15	64QAM	36	20	19.04	18.98	18.94		
15	64QAM	36	39	18.87	18.93	18.99		
15	64QAM	75	0	19.07	19.09	19.02		
15	256QAM	1	0	16.99	17.09	16.96	18	5
15	256QAM	1	37	17.14	17.11	16.99		
15	256QAM	1	74	16.95	16.87	16.99		
15	256QAM	36	0	17.02	17.12	17.03	18	5
15	256QAM	36	20	16.97	16.93	16.98		
15	256QAM	36	39	16.87	17.09	16.91		
15	256QAM	75	0	17.00	17.04	16.92		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.04	22.05	22.06	23	0
10	QPSK	1	25	21.95	22.00	21.97		
10	QPSK	1	49	21.94	21.98	21.90		
10	QPSK	25	0	21.00	21.13	21.01	22	1
10	QPSK	25	12	21.08	21.05	20.96		
10	QPSK	25	25	20.93	20.99	20.91		
10	QPSK	50	0	21.00	21.10	21.07		
10	16QAM	1	0	21.00	21.06	21.03	22	1
10	16QAM	1	25	20.94	21.10	20.96		
10	16QAM	1	49	20.87	20.99	21.02		
10	16QAM	25	0	19.98	20.04	19.95	21	2
10	16QAM	25	12	19.99	20.10	19.94		
10	16QAM	25	25	20.01	19.91	19.98		
10	16QAM	50	0	20.10	20.06	20.00		
10	64QAM	1	0	20.14	20.05	20.06	21	2
10	64QAM	1	25	20.01	20.04	19.87		
10	64QAM	1	49	19.99	19.87	20.01		
10	64QAM	25	0	19.00	19.13	19.06	20	3
10	64QAM	25	12	19.02	18.97	18.98		
10	64QAM	25	25	18.92	18.97	18.98		
10	64QAM	50	0	18.98	19.15	19.11		
10	256QAM	1	0	16.98	17.08	17.05	18	5
10	256QAM	1	25	17.10	17.01	17.00		
10	256QAM	1	49	16.97	16.83	16.94		
10	256QAM	25	0	16.97	17.03	17.06	18	5
10	256QAM	25	12	16.94	16.92	16.91		
10	256QAM	25	25	16.89	17.12	16.86		
10	256QAM	50	0	16.96	17.00	16.99		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.05	22.08	22.05	23	0
5	QPSK	1	12	22.02	22.01	21.97		
5	QPSK	1	24	21.99	21.95	21.92		
5	QPSK	12	0	22.02	21.11	21.04	22	1
5	QPSK	12	7	21.01	21.05	20.99		
5	QPSK	12	13	20.98	20.88	20.97		
5	QPSK	25	0	21.07	21.02	20.99		
5	16QAM	1	0	21.01	21.00	20.95	22	1
5	16QAM	1	12	20.97	21.12	20.91		
5	16QAM	1	24	20.91	20.93	21.01		
5	16QAM	12	0	19.98	20.03	20.00	21	2
5	16QAM	12	7	20.00	20.06	19.97		
5	16QAM	12	13	19.98	19.90	19.96		
5	16QAM	25	0	20.11	20.03	20.07		
5	64QAM	1	0	20.05	20.03	20.01	21	2
5	64QAM	1	12	20.04	20.05	19.93		
5	64QAM	1	24	20.02	19.86	19.99		
5	64QAM	12	0	19.00	19.18	19.09	20	3
5	64QAM	12	7	19.05	19.01	18.96		
5	64QAM	12	13	18.92	18.96	18.93		
5	64QAM	25	0	18.97	19.14	19.01		
5	256QAM	1	0	17.08	17.10	16.99	18	5
5	256QAM	1	12	17.06	17.02	16.97		
5	256QAM	1	24	16.95	16.84	16.98		
5	256QAM	12	0	16.99	17.03	17.10	18	5
5	256QAM	12	7	16.91	16.97	16.91		
5	256QAM	12	13	16.88	17.04	16.88		
5	256QAM	25	0	16.96	17.06	17.00		

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BW [MHz]	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	23.52	23.73	23.62	25	0
20	QPSK	1	49	23.58	23.60	23.52		
20	QPSK	1	99	23.44	23.52	23.47		
20	QPSK	50	0	22.48	22.68	22.66	24	1
20	QPSK	50	24	22.51	22.50	22.50		
20	QPSK	50	50	22.39	22.51	22.45		
20	QPSK	100	0	22.56	22.67	22.64		
20	16QAM	1	0	22.67	22.70	22.64	24	1
20	16QAM	1	49	22.49	22.60	22.46		
20	16QAM	1	99	22.40	22.56	22.47		
20	16QAM	50	0	21.51	21.77	21.77	23	2
20	16QAM	50	24	21.43	21.47	21.44		
20	16QAM	50	50	21.39	21.59	21.47		
20	16QAM	100	0	21.58	21.71	21.58		
20	64QAM	1	0	21.55	21.69	21.57	23	2
20	64QAM	1	49	21.46	21.52	21.47		
20	64QAM	1	99	21.38	21.62	21.48		
20	64QAM	50	0	20.51	20.60	20.71	22	3
20	64QAM	50	24	20.59	20.63	20.60		
20	64QAM	50	50	20.39	20.52	20.52		
20	64QAM	100	0	20.60	20.64	20.58		
20	256QAM	1	0	18.50	18.65	18.64	20	5
20	256QAM	1	49	18.49	18.46	18.55		
20	256QAM	1	99	18.36	18.46	18.44		
20	256QAM	50	0	18.64	18.60	18.57	20	5
20	256QAM	50	24	18.69	18.73	18.62		
20	256QAM	50	50	18.52	18.60	18.41		
20	256QAM	100	0	18.41	18.62	18.52		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.43	23.69	23.54	25	0
15	QPSK	1	37	23.53	23.46	23.40		
15	QPSK	1	74	23.36	23.48	23.37		
15	QPSK	36	0	22.43	22.62	22.62	24	1
15	QPSK	36	20	22.37	22.36	22.43		
15	QPSK	36	39	22.30	22.42	22.37		
15	QPSK	75	0	22.51	22.63	22.51		
15	16QAM	1	0	22.64	22.62	22.56	24	1
15	16QAM	1	37	22.35	22.58	22.38		
15	16QAM	1	74	22.29	22.47	22.36		
15	16QAM	36	0	21.44	21.70	21.65	23	2
15	16QAM	36	20	21.31	21.43	21.40		
15	16QAM	36	39	21.34	21.52	21.39		
15	16QAM	75	0	21.45	21.67	21.50		
15	64QAM	1	0	21.51	21.57	21.44	23	2
15	64QAM	1	37	21.39	21.48	21.42		
15	64QAM	1	74	21.32	21.53	21.40		
15	64QAM	36	0	20.39	20.47	20.59	22	3
15	64QAM	36	20	20.54	20.55	20.52		
15	64QAM	36	39	20.36	20.42	20.38		
15	64QAM	75	0	20.52	20.54	20.47		
15	256QAM	1	0	18.46	18.57	18.61	20	5
15	256QAM	1	37	18.45	18.39	18.41		
15	256QAM	1	74	18.32	18.38	18.34		
15	256QAM	36	0	18.54	18.58	18.53	20	5
15	256QAM	36	20	18.57	18.69	18.50		
15	256QAM	36	39	18.49	18.55	18.38		
15	256QAM	75	0	18.32	18.59	18.47		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.38	23.66	23.51	25	0
10	QPSK	1	25	23.53	23.50	23.40		
10	QPSK	1	49	23.41	23.44	23.44		
10	QPSK	25	0	22.37	22.63	22.55	24	1
10	QPSK	25	12	22.39	22.41	22.39		
10	QPSK	25	25	22.29	22.47	22.37		
10	QPSK	50	0	22.44	22.59	22.54		
10	16QAM	1	0	22.54	22.63	22.59	24	1
10	16QAM	1	25	22.38	22.56	22.34		
10	16QAM	1	49	22.34	22.49	22.37		
10	16QAM	25	0	21.38	21.63	21.71	23	2
10	16QAM	25	12	21.36	21.35	21.40		
10	16QAM	25	25	21.32	21.52	21.33		
10	16QAM	50	0	21.47	21.68	21.52		
10	64QAM	1	0	21.48	21.58	21.46	23	2
10	64QAM	1	25	21.36	21.48	21.35		
10	64QAM	1	49	21.35	21.55	21.42		
10	64QAM	25	0	20.39	20.56	20.63	22	3
10	64QAM	25	12	20.54	20.59	20.48		
10	64QAM	25	25	20.28	20.44	20.47		
10	64QAM	50	0	20.49	20.59	20.53		
10	256QAM	1	0	18.41	18.54	18.60	20	5
10	256QAM	1	25	18.40	18.37	18.46		
10	256QAM	1	49	18.26	18.38	18.30		
10	256QAM	25	0	18.55	18.51	18.54	20	5
10	256QAM	25	12	18.62	18.63	18.49		
10	256QAM	25	25	18.45	18.48	18.37		
10	256QAM	50	0	18.28	18.54	18.43		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.45	23.69	23.53	25	0
5	QPSK	1	12	23.55	23.57	23.43		
5	QPSK	1	24	23.38	23.40	23.40		
5	QPSK	12	0	22.42	22.58	22.63	24	1
5	QPSK	12	7	22.42	22.36	22.40		
5	QPSK	12	13	22.31	22.37	22.38		
5	QPSK	25	0	22.52	22.60	22.62		
5	16QAM	1	0	22.53	22.56	22.58	24	1
5	16QAM	1	12	22.43	22.47	22.39		
5	16QAM	1	24	22.30	22.50	22.42		
5	16QAM	12	0	21.39	21.74	21.67	23	2
5	16QAM	12	7	21.34	21.38	21.35		
5	16QAM	12	13	21.36	21.56	21.44		
5	16QAM	25	0	21.48	21.68	21.55		
5	64QAM	1	0	21.51	21.56	21.54	23	2
5	64QAM	1	12	21.39	21.48	21.42		
5	64QAM	1	24	21.31	21.58	21.43		
5	64QAM	12	0	20.42	20.55	20.61	22	3
5	64QAM	12	7	20.48	20.54	20.47		
5	64QAM	12	13	20.34	20.48	20.44		
5	64QAM	25	0	20.49	20.51	20.49		
5	256QAM	1	0	18.46	18.61	18.55	20	5
5	256QAM	1	12	18.36	18.38	18.51		
5	256QAM	1	24	18.31	18.35	18.35		
5	256QAM	12	0	18.57	18.54	18.46	20	5
5	256QAM	12	7	18.66	18.61	18.51		
5	256QAM	12	13	18.43	18.53	18.37		
5	256QAM	25	0	18.35	18.55	18.40		

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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	23.61	23.66	23.75	23.69	23.64	25	0
20	QPSK	1	49	23.56	23.62	23.66	23.55	23.51		
20	QPSK	1	99	23.51	23.56	23.63	23.57	23.54		
20	QPSK	50	0	22.62	22.62	22.75	22.73	22.60	24	1
20	QPSK	50	24	22.59	22.58	22.63	22.58	22.50		
20	QPSK	50	50	22.51	22.51	22.58	22.54	22.60		
20	QPSK	100	0	22.56	22.63	22.72	22.67	22.69		
20	16QAM	1	0	22.67	22.69	22.78	22.68	22.60	24	1
20	16QAM	1	49	22.57	22.57	22.69	22.51	22.57		
20	16QAM	1	99	22.49	22.52	22.66	22.59	22.53		
20	16QAM	50	0	21.65	21.62	21.79	21.79	21.56	23	2
20	16QAM	50	24	21.63	21.52	21.58	21.53	21.53		
20	16QAM	50	50	21.55	21.49	21.63	21.52	21.54		
20	16QAM	100	0	21.53	21.66	21.76	21.65	21.64		
20	64QAM	1	0	21.58	21.67	21.80	21.67	21.61	23	2
20	64QAM	1	49	21.56	21.58	21.62	21.56	21.57		
20	64QAM	1	99	21.55	21.51	21.65	21.53	21.51		
20	64QAM	50	0	20.61	20.59	20.74	20.78	20.63	22	3
20	64QAM	50	24	20.54	20.62	20.65	20.63	20.53		
20	64QAM	50	50	20.48	20.50	20.64	20.58	20.59		
20	64QAM	100	0	20.52	20.63	20.75	20.69	20.70		
20	256QAM	1	0	18.60	18.60	18.74	18.75	18.56	20	5
20	256QAM	1	49	18.59	18.60	18.58	18.59	18.47		
20	256QAM	1	99	18.51	18.46	18.52	18.49	18.62		
20	256QAM	50	0	18.56	18.67	18.66	18.63	18.68	20	5
20	256QAM	50	24	18.62	18.72	18.83	18.69	18.57		
20	256QAM	50	50	18.61	18.56	18.68	18.53	18.59		
20	256QAM	100	0	18.50	18.50	18.71	18.61	18.51		
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	23.51	23.62	23.63	23.63	23.60	25	0
15	QPSK	1	37	23.45	23.59	23.61	23.51	23.40		
15	QPSK	1	74	23.45	23.46	23.58	23.47	23.43		
15	QPSK	36	0	22.49	22.59	22.63	22.68	22.56	24	1
15	QPSK	36	20	22.52	22.47	22.60	22.52	22.37		
15	QPSK	36	39	22.45	22.44	22.55	22.51	22.50		
15	QPSK	75	0	22.53	22.51	22.69	22.63	22.58		
15	16QAM	1	0	22.59	22.62	22.65	22.64	22.55	24	1
15	16QAM	1	37	22.50	22.54	22.58	22.40	22.52		
15	16QAM	1	74	22.38	22.46	22.52	22.49	22.49		
15	16QAM	36	0	21.57	21.58	21.74	21.75	21.51	23	2
15	16QAM	36	20	21.52	21.39	21.56	21.39	21.45		
15	16QAM	36	39	21.47	21.46	21.54	21.47	21.42		
15	16QAM	75	0	21.50	21.56	21.68	21.53	21.57		
15	64QAM	1	0	21.46	21.60	21.66	21.61	21.58	23	2
15	64QAM	1	37	21.47	21.48	21.49	21.48	21.51		
15	64QAM	1	74	21.45	21.46	21.57	21.41	21.42		
15	64QAM	36	0	20.52	20.48	20.64	20.71	20.56	22	3
15	64QAM	36	20	20.45	20.59	20.54	20.51	20.47		
15	64QAM	36	39	20.43	20.45	20.59	20.54	20.48		
15	64QAM	75	0	20.46	20.51	20.62	20.55	20.59		
15	256QAM	1	0	18.58	18.48	18.71	18.67	18.46	20	5
15	256QAM	1	37	18.53	18.48	18.46	18.51	18.43		
15	256QAM	1	74	18.40	18.33	18.48	18.45	18.53		
15	256QAM	36	0	18.52	18.63	18.62	18.59	18.56	20	5
15	256QAM	36	20	18.53	18.62	18.80	18.56	18.47		
15	256QAM	36	39	18.51	18.45	18.64	18.43	18.55		
15	256QAM	75	0	18.40	18.44	18.66	18.51	18.45		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.51	23.62	23.66	23.60	23.53	25	0
10	QPSK	1	25	23.43	23.51	23.54	23.48	23.43		
10	QPSK	1	49	23.46	23.53	23.56	23.53	23.50		
10	QPSK	25	0	22.51	22.59	22.65	22.60	22.57	24	1
10	QPSK	25	12	22.47	22.55	22.56	22.48	22.47		
10	QPSK	25	25	22.44	22.37	22.53	22.47	22.54		
10	QPSK	50	0	22.46	22.58	22.64	22.60	22.61		
10	16QAM	1	0	22.57	22.59	22.71	22.58	22.52	24	1
10	16QAM	1	25	22.45	22.52	22.56	22.48	22.49		
10	16QAM	1	49	22.38	22.44	22.58	22.53	22.47		
10	16QAM	25	0	21.55	21.54	21.71	21.72	21.51	23	2
10	16QAM	25	12	21.52	21.47	21.53	21.46	21.42		
10	16QAM	25	25	21.42	21.44	21.49	21.41	21.43		
10	16QAM	50	0	21.41	21.63	21.65	21.53	21.59		
10	64QAM	1	0	21.52	21.58	21.75	21.61	21.54	23	2
10	64QAM	1	25	21.44	21.49	21.57	21.43	21.51		
10	64QAM	1	49	21.45	21.46	21.55	21.41	21.37		
10	64QAM	25	0	20.58	20.53	20.63	20.66	20.54	22	3
10	64QAM	25	12	20.45	20.49	20.63	20.60	20.43		
10	64QAM	25	25	20.45	20.39	20.57	20.53	20.55		
10	64QAM	50	0	20.44	20.52	20.63	20.60	20.67		
10	256QAM	1	0	18.47	18.57	18.64	18.69	18.45	20	5
10	256QAM	1	25	18.51	18.57	18.44	18.47	18.40		
10	256QAM	1	49	18.40	18.33	18.45	18.40	18.60		
10	256QAM	25	0	18.53	18.60	18.53	18.55	18.54	20	5
10	256QAM	25	12	18.51	18.65	18.77	18.56	18.48		
10	256QAM	25	25	18.52	18.51	18.57	18.39	18.56		
10	256QAM	50	0	18.43	18.45	18.67	18.57	18.45		
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	23.52	23.62	23.72	23.59	23.53	25	0
5	QPSK	1	12	23.46	23.59	23.64	23.42	23.40		
5	QPSK	1	24	23.48	23.53	23.54	23.53	23.48		
5	QPSK	12	0	22.52	22.54	22.67	22.60	22.55	24	1
5	QPSK	12	7	22.52	22.55	22.55	22.55	22.38		
5	QPSK	12	13	22.46	22.45	22.53	22.47	22.56		
5	QPSK	25	0	22.49	22.53	22.59	22.65	22.58		
5	16QAM	1	0	22.58	22.66	22.72	22.56	22.49	24	1
5	16QAM	1	12	22.46	22.46	22.59	22.41	22.54		
5	16QAM	1	24	22.40	22.44	22.53	22.46	22.49		
5	16QAM	12	0	21.51	21.52	21.67	21.77	21.46	23	2
5	16QAM	12	7	21.51	21.43	21.54	21.49	21.50		
5	16QAM	12	13	21.48	21.36	21.59	21.48	21.47		
5	16QAM	25	0	21.44	21.56	21.74	21.55	21.51		
5	64QAM	1	0	21.51	21.64	21.72	21.65	21.55	23	2
5	64QAM	1	12	21.43	21.52	21.57	21.43	21.54		
5	64QAM	1	24	21.41	21.38	21.62	21.45	21.46		
5	64QAM	12	0	20.53	20.51	20.62	20.64	20.53	22	3
5	64QAM	12	7	20.44	20.53	20.62	20.54	20.46		
5	64QAM	12	13	20.35	20.44	20.61	20.49	20.51		
5	64QAM	25	0	20.44	20.56	20.64	20.58	20.61		
5	256QAM	1	0	18.47	18.56	18.66	18.62	18.44	20	5
5	256QAM	1	12	18.55	18.49	18.53	18.54	18.43		
5	256QAM	1	24	18.41	18.36	18.43	18.42	18.53		
5	256QAM	12	0	18.52	18.62	18.60	18.58	18.63	20	5
5	256QAM	12	7	18.49	18.66	18.76	18.67	18.49		
5	256QAM	12	13	18.53	18.54	18.58	18.50	18.50		
5	256QAM	25	0	18.47	18.38	18.59	18.53	18.46		

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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	26.11	26.17	26.08	26.07	27	0
20	QPSK	1	49	25.93	25.99	26.10	25.99	25.95		
20	QPSK	1	99	25.94	26.02	26.09	26.03	25.94		
20	QPSK	50	0	25.08	25.06	25.18	25.05	25.03	26	1
20	QPSK	50	24	24.92	24.93	25.05	24.95	24.89		
20	QPSK	50	50	24.90	25.02	25.09	25.03	24.94		
20	QPSK	100	0	25.08	25.06	25.16	25.02	25.03		
20	16QAM	1	0	25.02	25.13	25.11	25.04	25.08	26	1
20	16QAM	1	49	24.98	24.97	25.06	25.01	24.94		
20	16QAM	1	99	24.96	24.99	25.12	25.02	24.97		
20	16QAM	50	0	24.06	24.06	24.18	23.99	24.06	25	2
20	16QAM	50	24	23.91	23.97	24.06	23.94	23.91		
20	16QAM	50	50	23.94	23.97	24.07	24.02	23.92		
20	16QAM	100	0	24.12	24.05	24.11	24.03	24.08		
20	64QAM	1	0	24.11	24.10	24.11	24.05	24.04	25	2
20	64QAM	1	49	23.98	23.98	24.14	24.05	23.97		
20	64QAM	1	99	23.92	23.99	24.13	23.99	23.92		
20	64QAM	50	0	23.10	23.03	23.24	23.02	23.02	24	3
20	64QAM	50	24	22.90	22.87	23.01	22.92	22.85		
20	64QAM	50	50	22.85	23.06	23.04	23.02	22.99		
20	64QAM	100	0	23.10	23.08	23.16	23.01	22.98		
20	256QAM	1	0	21.06	21.00	21.23	21.02	20.99	22	5
20	256QAM	1	49	20.96	20.92	21.09	20.93	20.84		
20	256QAM	1	99	20.88	21.05	21.07	21.05	20.93		
20	256QAM	50	0	21.08	21.05	21.11	21.04	21.02	22	5
20	256QAM	50	24	21.03	21.17	21.12	21.08	21.03		
20	256QAM	50	50	21.01	21.02	21.07	20.98	20.94		
20	256QAM	100	0	20.98	21.04	21.16	20.99	20.94		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	26.03	26.05	26.08	25.96	26.00	27	0
15	QPSK	1	37	25.84	25.93	26.08	25.88	25.84		
15	QPSK	1	74	25.80	25.94	25.96	25.95	25.87		
15	QPSK	36	0	24.99	25.01	25.14	24.97	24.97	26	1
15	QPSK	36	20	24.86	24.83	25.02	24.88	24.80		
15	QPSK	36	39	24.82	24.96	25.02	24.97	24.82		
15	QPSK	75	0	25.04	24.98	25.13	24.93	24.92		
15	16QAM	1	0	24.94	25.00	25.02	24.96	24.95	26	1
15	16QAM	1	37	24.91	24.91	24.99	24.87	24.85		
15	16QAM	1	74	24.84	24.87	25.09	24.92	24.90		
15	16QAM	36	0	23.95	23.94	24.05	23.93	24.04	25	2
15	16QAM	36	20	23.89	23.93	24.04	23.90	23.86		
15	16QAM	36	39	23.81	23.84	23.96	23.94	23.89		
15	16QAM	75	0	24.01	23.92	24.02	23.91	24.05		
15	64QAM	1	0	24.08	24.07	24.01	23.98	24.00	25	2
15	64QAM	1	37	23.86	23.91	24.09	24.00	23.89		
15	64QAM	1	74	23.87	23.96	24.08	23.94	23.88		
15	64QAM	36	0	23.05	23.00	23.20	22.95	22.92	24	3
15	64QAM	36	20	22.84	22.80	22.97	22.82	22.76		
15	64QAM	36	39	22.75	22.93	23.02	22.91	22.91		
15	64QAM	75	0	23.08	22.96	23.14	22.89	22.95		
15	256QAM	1	0	20.98	20.98	21.21	20.90	20.94	22	5
15	256QAM	1	37	20.88	20.88	20.97	20.88	20.75		
15	256QAM	1	74	20.85	21.02	20.97	20.92	20.85		
15	256QAM	36	0	20.99	20.97	21.01	20.92	20.94	22	5
15	256QAM	36	20	20.98	21.12	21.01	21.05	21.01		
15	256QAM	36	39	20.89	20.97	20.94	20.96	20.83		
15	256QAM	75	0	20.95	20.97	21.10	20.87	20.81		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	26.01	26.03	26.14	26.03	26.04	27	0
10	QPSK	1	25	25.81	25.90	26.01	25.88	25.88		
10	QPSK	1	49	25.89	25.97	26.00	25.90	25.81		
10	QPSK	25	0	25.03	24.93	25.05	24.99	24.94	26	1
10	QPSK	25	12	24.86	24.89	24.99	24.91	24.82		
10	QPSK	25	25	24.79	24.99	24.96	24.92	24.83		
10	QPSK	50	0	25.04	25.02	25.12	24.94	24.91		
10	16QAM	1	0	24.92	25.02	25.06	24.97	24.97	26	1
10	16QAM	1	25	24.89	24.88	25.04	24.94	24.91		
10	16QAM	1	49	24.90	24.91	25.03	24.91	24.86		
10	16QAM	25	0	23.95	24.02	24.09	23.90	23.93	25	2
10	16QAM	25	12	23.87	23.89	24.02	23.92	23.82		
10	16QAM	25	25	23.84	23.87	23.97	23.92	23.88		
10	16QAM	50	0	23.98	23.93	23.98	23.95	23.96		
10	64QAM	1	0	24.03	23.97	24.08	23.98	23.93	25	2
10	64QAM	1	25	23.85	23.88	24.01	24.01	23.92		
10	64QAM	1	49	23.79	23.91	24.10	23.92	23.88		
10	64QAM	25	0	22.99

Band 2 Ant 2 ECI 2

BW [MHz]	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	10.81	10.84	10.77		
20	QPSK	1	49	10.72	10.74	10.75	12.1	0
20	QPSK	1	99	10.71	10.82	10.65		
20	QPSK	50	0	10.67	10.82	10.72		
20	QPSK	50	24	10.79	10.73	10.71	12.1	0
20	QPSK	50	50	10.65	10.72	10.73		
20	QPSK	100	0	10.73	10.79	10.72		
20	16QAM	1	0	10.72	10.67	10.74		
20	16QAM	1	49	10.59	10.71	10.57	12.1	0
20	16QAM	1	99	10.64	10.62	10.56		
20	16QAM	50	0	10.63	10.82	10.72		
20	16QAM	50	24	10.78	10.72	10.64	12.1	0
20	16QAM	50	50	10.73	10.62	10.69		
20	16QAM	100	0	10.66	10.72	10.59		
20	64QAM	1	0	10.72	10.73	10.82		
20	64QAM	1	49	10.57	10.68	10.69	12.1	0
20	64QAM	1	99	10.66	10.55	10.56		
20	64QAM	50	0	10.59	10.73	10.62		
20	64QAM	50	24	10.67	10.74	10.69	12.1	0
20	64QAM	50	50	10.54	10.69	10.72		
20	64QAM	100	0	10.68	10.64	10.60		
20	256QAM	1	0	10.65	10.69	10.69		
20	256QAM	1	49	10.63	10.78	10.59	12.1	0
20	256QAM	1	99	10.58	10.67	10.57		
20	256QAM	50	0	10.58	10.71	10.72		
20	256QAM	50	24	10.70	10.80	10.69	12.1	0
20	256QAM	50	50	10.59	10.64	10.64		
20	256QAM	100	0	10.65	10.72	10.59		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	10.71	10.77	10.73		
15	QPSK	1	37	10.71	10.70	10.65	12.1	0
15	QPSK	1	74	10.65	10.63	10.64		
15	QPSK	36	0	10.61	10.79	10.70		
15	QPSK	36	20	10.77	10.64	10.69	12.1	0
15	QPSK	36	39	10.59	10.69	10.69		
15	QPSK	75	0	10.64	10.70	10.64		
15	16QAM	1	0	10.62	10.60	10.71		
15	16QAM	1	37	10.56	10.69	10.52	12.1	0
15	16QAM	1	74	10.60	10.59	10.52		
15	16QAM	36	0	10.58	10.76	10.67		
15	16QAM	36	20	10.71	10.69	10.57	12.1	0
15	16QAM	36	39	10.70	10.50	10.65		
15	16QAM	75	0	10.58	10.65	10.48		
15	64QAM	1	0	10.71	10.72	10.80		
15	64QAM	1	37	10.53	10.60	10.67	12.1	0
15	64QAM	1	74	10.57	10.43	10.52		
15	64QAM	36	0	10.49	10.70	10.59		
15	64QAM	36	20	10.67	10.63	10.67	12.1	0
15	64QAM	36	39	10.51	10.64	10.68		
15	64QAM	75	0	10.57	10.59	10.53		
15	256QAM	1	0	10.60	10.60	10.58		
15	256QAM	1	37	10.62	10.68	10.55	12.1	0
15	256QAM	1	74	10.51	10.63	10.51		
15	256QAM	36	0	10.51	10.62	10.63		
15	256QAM	36	20	10.64	10.78	10.60	12.1	0
15	256QAM	36	39	10.58	10.60	10.64		
15	256QAM	75	0	10.61	10.68	10.54		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	10.75	10.80	10.75		
10	QPSK	1	25	10.65	10.70	10.63	12.1	0
10	QPSK	1	49	10.59	10.62	10.54		
10	QPSK	25	0	10.64	10.79	10.66		
10	QPSK	25	12	10.72	10.67	10.64	12.1	0
10	QPSK	25	25	10.59	10.62	10.69		
10	QPSK	50	0	10.64	10.77	10.71		
10	16QAM	1	0	10.60	10.59	10.67		
10	16QAM	1	25	10.54	10.64	10.56	12.1	0
10	16QAM	1	49	10.64	10.55	10.45		
10	16QAM	25	0	10.53	10.76	10.63		
10	16QAM	25	12	10.71	10.60	10.62	12.1	0
10	16QAM	25	25	10.73	10.60	10.58		
10	16QAM	50	0	10.64	10.56	10.59		
10	64QAM	1	0	10.72	10.62	10.80		
10	64QAM	1	25	10.48	10.66	10.68	12.1	0
10	64QAM	1	49	10.61	10.52	10.52		
10	64QAM	25	0	10.59	10.62	10.55		
10	64QAM	25	12	10.66	10.68	10.61	12.1	0
10	64QAM	25	25	10.42	10.57	10.68		
10	64QAM	50	0	10.57	10.55	10.52		
10	256QAM	1	0	10.56	10.61	10.66		
10	256QAM	1	25	10.58	10.75	10.58	12.1	0
10	256QAM	1	49	10.57	10.61	10.55		
10	256QAM	25	0	10.55	10.59	10.66		
10	256QAM	25	12	10.64	10.68	10.62	12.1	0
10	256QAM	25	25	10.47	10.54	10.52		
10	256QAM	50	0	10.58	10.69	10.59		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	10.78	10.83	10.71		
5	QPSK	1	12	10.70	10.73	10.67	12.1	0
5	QPSK	1	24	10.63	10.57	10.53		
5	QPSK	12	0	10.65	10.76	10.60		
5	QPSK	12	7	10.78	10.69	10.68	12.1	0
5	QPSK	12	13	10.57	10.70	10.65		
5	QPSK	25	0	10.65	10.75	10.62		
5	16QAM	1	0	10.72	10.63	10.66		
5	16QAM	1	12	10.55	10.64	10.55	12.1	0
5	16QAM	1	24	10.60	10.59	10.56		
5	16QAM	12	0	10.51	10.72	10.62		
5	16QAM	12	7	10.67	10.68	10.58	12.1	0
5	16QAM	12	13	10.65	10.58	10.52		
5	16QAM	25	0	10.62	10.71	10.58		
5	64QAM	1	0	10.71	10.72	10.71		
5	64QAM	1	12	10.53	10.67	10.68	12.1	0
5	64QAM	1	24	10.63	10.48	10.51		
5	64QAM	12	0	10.59	10.69	10.50		
5	64QAM	12	7	10.59	10.64	10.58	12.1	0
5	64QAM	12	13	10.51	10.64	10.68		
5	64QAM	25	0	10.62	10.58	10.54		
5	256QAM	1	0	10.57	10.62	10.67		
5	256QAM	1	12	10.59	10.69	10.58	12.1	0
5	256QAM	1	24	10.55	10.55	10.53		
5	256QAM	12	0	10.48	10.63	10.64		
5	256QAM	12	7	10.62	10.76	10.59	12.1	0
5	256QAM	12	13	10.49	10.57	10.62		
5	256QAM	25	0	10.61	10.60	10.58		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	10.80	10.82	10.75		
3	QPSK	1	8	10.67	10.64	10.65	12.1	0
3	QPSK	1	14	10.67	10.60	10.55		
3	QPSK	8	0	10.65	10.76	10.68		
3	QPSK	8	4	10.71	10.72	10.63	12.1	0
3	QPSK	8	7	10.61	10.71	10.69		
3	QPSK	15	0	10.62	10.69	10.64		
3	16QAM	1	0	10.68	10.66	10.66		
3	16QAM	1	8	10.56	10.61	10.50	12.1	0
3	16QAM	1	14	10.62	10.57	10.47		
3	16QAM	8	0	10.61	10.81	10.64		
3	16QAM	8	4	10.67	10.68	10.58	12.1	0
3	16QAM	8	7	10.65	10.60	10.57		
3	16QAM	15	0	10.63	10.68	10.54		
3	64QAM	1	0	10.72	10.73	10.79		
3	64QAM	1	8	10.56	10.63	10.57	12.1	0
3	64QAM	1	14	10.60	10.49	10.51		
3	64QAM	8	0	10.53	10.63	10.53		
3	64QAM	8	4	10.55	10.73	10.64	12.1	0
3	64QAM	8	7	10.48	10.69	10.60		
3	64QAM	15	0	10.63	10.55	10.53		
3	256QAM	1	0	10.63	10.66	10.65		
3	256QAM	1	8	10.59	10.76	10.59	12.1	0
3	256QAM	1	14	10.48	10.59	10.49		
3	256QAM	8	0	10.52	10.68	10.69		
3	256QAM	8	4	10.63	10.77	10.67	12.1	0
3	256QAM	8	7	10.51	10.63	10.58		
3	256QAM	15	0	10.57	10.63	10.58		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	10.76	10.83	10.71		
1.4	QPSK	1	3	10.71	10.71	10.66		
1.4	QPSK	1	5	10.60	10.66	10.55	12.1	0
1.4	QPSK	3	0	10.63	10.72	10.60		
1.4	QPSK	3	1	10.79	10.72	10.62		
1.4	QPSK	3	3	10.56	10.67	10.72		
1.4	QPSK	6	0	10.64	10.70	10.68	12.1	0
1.4	16QAM	1	0	10.65	10.56	10.73		
1.4	16QAM	1	3	10.53	10.66	10.50		
1.4	16QAM	1	5	10.63	10.59	10.46	12.1	0
1.4	16QAM	3	0	10.61	10.73	10.61		
1.4	16QAM	3	1	10.70	10.65	10.62		
1.4	16QAM	3	3	10.66	10.62	10.57		
1.4	16QAM	6	0	10.54	10.68	10.54	12.1	0
1.4	64QAM	1	0	10.70	10.67	10.73		
1.4	64QAM	1	3	10.52	10.65	10.61		
1.4	64QAM	1	5	10.54	10.54	10.53	12.1	0
1.4	64QAM	3	0	10.59	10.67	10.58		
1.4	64QAM	3	1	10.56	10.63	10.58		
1.4	64QAM	3	3	10.44	10.61	10.71		
1.4	64QAM	6	0	10.61	10.62	10.55	12.1	0
1.4	256QAM	1	0	10.57	10.66	10.64		
1.4	256QAM	1	3	10.57	10.76	10.58		
1.4	256QAM	1	5	10.56	10.67	10.48	12.1	0
1.4	256QAM	3	0	10.46	10.63	10.65		
1.4	256QAM	3	1	10.63	10.69	10.60		
1.4	256QAM	3	3	10.50	10.61	10.57		
1.4	256QAM	6	0	10.60	10.65	10.49	12.1	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	12.47	12.49	12.39		
20	QPSK	1	49	12.31	12.30	12.32	13.5	0
20	QPSK	1	99	12.46	12.43	12.26		
20	QPSK	50	0	12.35	12.46	12.27		
20	QPSK	50	24	12.43	12.41	12.40	13.5	0
20	QPSK	50	50	12.45	12.40	12.34		
20	QPSK	100	0	12.38	12.43	12.31		
20	16QAM	1	0	12.36	12.42	12.30		
20	16QAM	1	49	12.19	12.31	12.23	13.5	0
20	16QAM	1	99	12.34	12.30	12.26		
20	16QAM	50	0	12.22	12.33	12.26		
20	16QAM	50	24	12.28	12.38	12.31	13.5	0
20	16QAM	50	50	12.43	12.33	12.19		
20	16QAM	100	0	12.25	12.28	12.24		
20	64QAM	1	0	12.26	12.39	12.29		
20	64QAM	1	49	12.36	12.32	12.24	13.5	0
20	64QAM	1	99	12.45	12.36	12.27		
20	64QAM	50	0	12.27	12.28	12.19		
20	64QAM	50	24	12.29	12.30	12.30	13.5	0
20	64QAM	50	50	12.41	12.32	12.19		
20	64QAM	100	0	12.26	12.32	12.19		
20	256QAM	1	0	12.43	12.40	12.32		
20	256QAM	1	49	12.21	12.41	12.19	13.5	0
20	256QAM	1	99	12.43	12.36	12.25		
20	256QAM	50	0	12.33	12.36	12.19		
20	256QAM	50	24	12.34	12.29	12.32	13.5	0
20	256QAM	50	50	12.41	12.40	12.18		
20	256QAM	100	0	12.25	12.37	12.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	12.41	12.47	12.35		
15	QPSK	1	37	12.21	12.23	12.23	13.5	0
15	QPSK	1	74	12.39	12.36	12.23		
15	QPSK	36	0	12.24	12.42	12.22		
15	QPSK	36	20	12.36	12.40	12.39	13.5	0
15	QPSK	36	39	12.42	12.30	12.27		
15	QPSK	75	0	12.30	12.35	12.21		
15	16QAM	1	0	12.32	12.33	12.27		
15	16QAM	1	37	12.19	12.25	12.15	13.5	0
15	16QAM	1	74	12.29	12.24	12.22		
15	16QAM	36	0	12.19	12.21	12.23		
15	16QAM	36	20	12.27	12.34	12.26	13.5	0
15	16QAM	36	39	12.32	12.27	12.19		
15	16QAM	75	0	12.24	12.27	12.22		
15	64QAM	1	0	12.24	12.33	12.25		
15	64QAM	1	37	12.28	12.23	12.20	13.5	0
15	64QAM	1	74	12.40	12.35	12.25		
15	64QAM	36	0	12.23	12.21	12.10		
15	64QAM	36	20	12.27	12.27	12.30	13.5	0
15	64QAM	36	39	12.34	12.24	12.13		
15	64QAM	75	0	12.20	12.27	12.11		
15	256QAM	1	0	12.38	12.32	12.29		
15	256QAM	1	37	12.12	12.30	12.10	13.5	0
15	256QAM	1	74	12.41	12.31	12.14		
15	256QAM	36	0	12.23	12.31	12.08		
15	256QAM	36	20	12.29	12.23	12.26	13.5	0
15	256QAM	36	39	12.34	12.40	12.18		
15	256QAM	75	0	12.23	12.30	12.18		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	12.39	12.39	12.29		
10	QPSK	1	25	12.31	12.30	12.21	13.5	0
10	QPSK	1	49	12.39	12.42	12.22		
10	QPSK	25	0	12.32	12.35	12.25		
10	QPSK	25	12	12.37	12.35	12.30	13.5	0
10	QPSK	25	25	12.42	12.39	12.27		
10	QPSK	50	0	12.30	12.38	12.22		
10	16QAM	1	0	12.33	12.39	12.20		
10	16QAM	1	25	12.15	12.27	12.23	13.5	0
10	16QAM	1	49	12.31	12.27	12.22		
10	16QAM	25	0	12.21	12.24	12.20		
10	16QAM	25	12	12.22	12.34	12.19	13.5	0
10	16QAM	25	25	12.36	12.31	12.11		
10	16QAM	50	0	12.21	12.19	12.23		
10	64QAM	1	0	12.15	12.31	12.21		
10	64QAM	1	25	12.25	12.25	12.15	13.5	0
10	64QAM	1	49	12.35	12.27	12.18		
10	64QAM	25	0	12.18	12.17	12.08		
10	64QAM	25	12	12.27	12.21	12.25	13.5	0
10	64QAM	25	25	12.35	12.25	12.13		
10	64QAM	50	0	12.24	12.27	12.13		
10	256QAM	1	0	12.36	12.36	12.22		
10	256QAM	1	25	12.09	12.31	12.09	13.5	0
10	256QAM	1	49	12.42	12.32	12.23		
10	256QAM	25	0	12.27	12.30	12.17		
10	256QAM	25	12	12.32	12.29	12.32	13.5	0
10	256QAM	25	25	12.36	12.37	12.11		
10	256QAM	50	0	12.25	12.37	12.15		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	12.37	12.38	12.31		
5	QPSK	1	12	12.26	12.20	12.23	13.5	0
5	QPSK	1	24	12.36	12.33	12.21		
5	QPSK	12	0	12.24	12.41	12.26		
5	QPSK	12	7	12.35	12.37	12.40	13.5	0
5	QPSK	12	13	12.40	12.32	12.27		
5	QPSK	25	0	12.27	12.34	12.26		
5	16QAM	1	0	12.24	12.39	12.19		
5	16QAM	1	12	12.13	12.29	12.11	13.5	0
5	16QAM	1	24	12.23	12.26	12.15		
5	16QAM	12	0	12.10	12.29	12.18		
5	16QAM	12	7	12.19	12.31	12.20	13.5	0
5	16QAM	12	13	12.39	12.32	12.08		
5	16QAM	25	0	12.15	12.20	12.20		
5	64QAM	1	0	12.18	12.34	12.23		
5	64QAM	1	12	12.33	12.22	12.14	13.5	0
5	64QAM	1	24	12.35	12.33	12.27		
5	64QAM	12	0	12.19	12.22	12.19		
5	64QAM	12	7	12.24	12.28	12.23	13.5	0
5	64QAM	12	13	12.33	12.24	12.17		
5	64QAM	25	0	12.24	12.23	12.13		
5	256QAM	1	0	12.41	12.39	12.31		
5	256QAM	1	12	12.09	12.37	12.11	13.5	0
5	256QAM	1	24	12.35	12.28	12.22		
5	256QAM	12	0	12.26	12.27	12.15		
5	256QAM	12	7	12.25	12.20	12.25	13.5	0
5	256QAM	12	13	12.30	12.33	12.06		
5	256QAM	25	0	12.24	12.26	12.10		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	12.43	12.48	12.30		
3	QPSK	1	8	12.26	12.20	12.31	13.5	0
3	QPSK	1	14	12.44	12.36	12.28		
3	QPSK	8	0	12.32	12.36	12.26		
3	QPSK	8	4	12.39	12.39	12.39	13.5	0
3	QPSK	8	7	12.35	12.39	12.33		
3	QPSK	15	0	12.27	12.38	12.21		
3	16QAM	1	0	12.27	12.37	12.24		
3	16QAM	1	8	12.15	12.24	12.19	13.5	0
3	16QAM	1	14	12.34	12.20	12.16		
3	16QAM	8	0	12.12	12.31	12.23		
3	16QAM	8	4	12.27	12.33	12.27	13.5	0
3	16QAM	8	7	12.43	12.25	12.07		
3	16QAM	15	0	12.15	12.21	12.21		
3	64QAM	1	0	12.20	12.36	12.23		
3	64QAM	1	8	12.31	12.32	12.21	13.5	0
3	64QAM	1	14	12.36	12.24	12.21		
3	64QAM	8	0	12.25	12.20	12.14		
3	64QAM	8	4	12.17	12.23	12.18	13.5	0
3	64QAM	8	7	12.33	12.23	12.14		
3	64QAM	15	0	12.22	12.26	12.19		
3	256QAM	1	0	12.37	12.29	12.23		
3	256QAM	1	8	12.14	12.35	12.17	13.5	0
3	256QAM	1	14	12.36	12.31	12.17		
3	256QAM	8	0	12.25	12.28	12.11		
3	256QAM	8	4	12.31	12.23	12.30	13.5	0
3	256QAM	8	7	12.33	12.34	12.15		
3	256QAM	15	0	12.22	12.29	12.17		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	12.42	12.43	12.38		
1.4	QPSK	1	3	12.23	12.22	12.27		
1.4	QPSK	1	5	12.42	12.35	12.21	13.5	0
1.4	QPSK	3	0	12.33	12.39	12.24		
1.4	QPSK	3	1	12.36	12.40	12.32		
1.4	QPSK	3	3	12.40	12.35	12.23		
1.4	QPSK	6	0	12.34	12.37	12.26	13.5	0
1.4	16QAM	1	0	12.34	12.33	12.29		
1.4	16QAM	1	3	12.07	12.27	12.11		
1.4	16QAM	1	5	12.30	12.21	12.17	13.5	0
1.4	16QAM	3	0	12.16	12.27	12.16		
1.4	16QAM	3	1	12.17	12.30	12.28		
1.4	16QAM	3	3	12.38	12.22	12.12		
1.4	16QAM	6	0	12.14	12.21	12.13	13.5	0
1.4	64QAM	1	0	12.23	12.27	12.18		
1.4	64QAM	1	3	12.35	12.20	12.22		
1.4	64QAM	1	5	12.35	12.35	12.26	13.5	0
1.4	64QAM	3	0	12.18	12.21	12.12		
1.4	64QAM	3	1	12.26	12.29	12.19		
1.4	64QAM	3	3	12.40	12.25	12.09		
1.4	64QAM	6	0	12.23	12.24	12.16	13.5	0
1.4	256QAM	1	0	12.35	12.35	12.28		
1.4	256QAM	1	3	12.11	12.35	12.12		
1.4	256QAM	1	5	12.43	12.26	12.21	13.5	0
1.4	256QAM	3	0	12.30	12.25	12.14		
1.4	256QAM	3	1	12.32	12.29	12.28		
1.4	256QAM	3	3	12.40	12.34	12.17		
1.4	256QAM	6	0	12.25	12.36	12.18	13.5	0

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BW [MHz]	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	14.30	14.35	14.32		
20	QPSK	1	49	14.21	14.31	14.25	15.4	0
20	QPSK	1	99	14.18	14.33	14.26		
20	QPSK	50	0	14.19	14.30	14.24		
20	QPSK	50	24	14.22	14.24	14.26	15.4	0
20	QPSK	50	50	14.20	14.25	14.27		
20	QPSK	100	0	14.21	14.27	14.22		
20	16QAM	1	0	14.26	14.23	14.27		
20	16QAM	1	49	14.19	14.22	14.15	15.4	0
20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1880	1880	1905		
20	QPSK	1	0	10.82	10.86	10.84	12.1	0
20	QPSK	1	49	10.75	10.84	10.78		
20	QPSK	1	99	10.71	10.77	10.75		
20	QPSK	50	0	10.78	10.83	10.75		
20	QPSK	50	24	10.81	10.82	10.81	12.1	0
20	QPSK	50	50	10.74	10.80	10.80		
20	QPSK	100	0	10.76	10.82	10.77		
20	16QAM	1	0	10.82	10.79	10.77		
20	16QAM	1	49	10.65	10.74	10.68	12.1	0
20	16QAM	1	99	10.70	10.72	10.64		
20	16QAM	50	0	10.67	10.83	10.75		
20	16QAM	50	24	10.78	10.82	10.72	12.1	0
20	16QAM	50	50	10.74	10.69	10.75		
20	16QAM	100	0	10.69	10.79	10.70		
20	64QAM	1	0	10.72	10.79	10.84		
20	64QAM	1	49	10.65	10.74	10.73	12.1	0
20	64QAM	1	99	10.69	10.65	10.67		
20	64QAM	50	0	10.66	10.79	10.83		
20	64QAM	50	24	10.79	10.77	10.79	12.1	0
20	64QAM	50	50	10.64	10.80	10.74		
20	64QAM	100	0	10.71	10.72	10.67		
20	256QAM	1	0	10.71	10.81	10.80		
20	256QAM	1	49	10.66	10.84	10.71	12.1	0
20	256QAM	1	99	10.70	10.74	10.69		
20	256QAM	50	0	10.67	10.72	10.74		
20	256QAM	50	24	10.75	10.81	10.71	12.1	0
20	256QAM	50	50	10.64	10.69	10.74		
20	256QAM	100	0	10.71	10.82	10.66		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	10.77	10.81	10.77		
15	QPSK	1	37	10.72	10.72	10.74	12.1	0
15	QPSK	1	74	10.67	10.68	10.62		
15	QPSK	36	0	10.69	10.76	10.69		
15	QPSK	36	20	10.76	10.72	10.70	12.1	0
15	QPSK	36	39	10.66	10.80	10.71		
15	QPSK	75	0	10.66	10.80	10.65		
15	16QAM	1	0	10.70	10.72	10.72		
15	16QAM	1	37	10.58	10.73	10.60	12.1	0
15	16QAM	1	74	10.62	10.65	10.63		
15	16QAM	36	0	10.60	10.79	10.75		
15	16QAM	36	20	10.77	10.73	10.69	12.1	0
15	16QAM	36	39	10.69	10.62	10.66		
15	16QAM	75	0	10.57	10.69	10.62		
15	64QAM	1	0	10.67	10.76	10.76		
15	64QAM	1	37	10.58	10.63	10.66	12.1	0
15	64QAM	1	74	10.64	10.60	10.66		
15	64QAM	36	0	10.61	10.72	10.61		
15	64QAM	36	20	10.68	10.72	10.74	12.1	0
15	64QAM	36	39	10.63	10.80	10.71		
15	64QAM	75	0	10.71	10.66	10.57		
15	256QAM	1	0	10.59	10.79	10.70		
15	256QAM	1	37	10.64	10.74	10.62	12.1	0
15	256QAM	1	74	10.58	10.65	10.66		
15	256QAM	36	0	10.65	10.72	10.67		
15	256QAM	36	20	10.69	10.73	10.65	12.1	0
15	256QAM	36	39	10.64	10.66	10.71		
15	256QAM	75	0	10.68	10.80	10.60		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	10.72	10.78	10.78		
10	QPSK	1	25	10.74	10.74	10.77	12.1	0
10	QPSK	1	49	10.69	10.65	10.68		
10	QPSK	25	0	10.67	10.74	10.74		
10	QPSK	25	12	10.78	10.80	10.79	12.1	0
10	QPSK	25	25	10.68	10.71	10.73		
10	QPSK	50	0	10.74	10.72	10.66		
10	16QAM	1	0	10.75	10.69	10.69		
10	16QAM	1	25	10.58	10.73	10.58	12.1	0
10	16QAM	1	49	10.64	10.61	10.61		
10	16QAM	25	0	10.57	10.77	10.68		
10	16QAM	25	12	10.72	10.81	10.64	12.1	0
10	16QAM	25	25	10.68	10.59	10.66		
10	16QAM	50	0	10.69	10.70	10.64		
10	64QAM	1	0	10.63	10.68	10.79		
10	64QAM	1	25	10.63	10.73	10.61	12.1	0
10	64QAM	1	49	10.58	10.64	10.66		
10	64QAM	25	0	10.60	10.78	10.55		
10	64QAM	25	12	10.77	10.72	10.70	12.1	0
10	64QAM	25	25	10.59	10.76	10.72		
10	64QAM	50	0	10.60	10.65	10.59		
10	256QAM	1	0	10.65	10.78	10.74		
10	256QAM	1	25	10.60	10.77	10.61	12.1	0
10	256QAM	1	49	10.65	10.72	10.59		
10	256QAM	25	0	10.66	10.67	10.63		
10	256QAM	25	12	10.74	10.74	10.69	12.1	0
10	256QAM	25	25	10.53	10.66	10.72		
10	256QAM	50	0	10.66	10.80	10.57		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	10.73	10.79	10.83		
5	QPSK	1	12	10.74	10.81	10.78	12.1	0
5	QPSK	1	24	10.67	10.70	10.67		
5	QPSK	12	0	10.69	10.79	10.69		
5	QPSK	12	7	10.73	10.81	10.78	12.1	0
5	QPSK	12	13	10.68	10.70	10.70		
5	QPSK	25	0	10.75	10.76	10.70		
5	16QAM	1	0	10.81	10.72	10.72		
5	16QAM	1	12	10.61	10.62	10.61	12.1	0
5	16QAM	1	24	10.69	10.62	10.57		
5	16QAM	12	0	10.57	10.78	10.73		
5	16QAM	12	7	10.68	10.80	10.66	12.1	0
5	16QAM	12	13	10.64	10.57	10.65		
5	16QAM	25	0	10.61	10.70	10.70		
5	64QAM	1	0	10.68	10.79	10.79		
5	64QAM	1	12	10.63	10.69	10.62	12.1	0
5	64QAM	1	24	10.61	10.64	10.58		
5	64QAM	12	0	10.65	10.71	10.55		
5	64QAM	12	7	10.76	10.76	10.70	12.1	0
5	64QAM	12	13	10.55	10.78	10.73		
5	64QAM	25	0	10.68	10.68	10.61		
5	256QAM	1	0	10.61	10.77	10.73		
5	256QAM	1	12	10.63	10.72	10.66	12.1	0
5	256QAM	1	24	10.63	10.64	10.61		
5	256QAM	12	0	10.58	10.61	10.70		
5	256QAM	12	7	10.74	10.75	10.61	12.1	0
5	256QAM	12	13	10.63	10.67	10.69		
5	256QAM	25	0	10.68	10.75	10.65		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	10.82	10.77	10.74		
3	QPSK	1	8	10.67	10.76	10.74	12.1	0
3	QPSK	1	14	10.63	10.67	10.67		
3	QPSK	8	0	10.67	10.81	10.67		
3	QPSK	8	4	10.73	10.78	10.74	12.1	0
3	QPSK	8	7	10.71	10.72	10.70		
3	QPSK	15	0	10.74	10.79	10.66		
3	16QAM	1	0	10.73	10.79	10.66		
3	16QAM	1	8	10.56	10.70	10.57	12.1	0
3	16QAM	1	14	10.60	10.65	10.61		
3	16QAM	8	0	10.57	10.77	10.66		
3	16QAM	8	4	10.75	10.76	10.70	12.1	0
3	16QAM	8	7	10.74	10.58	10.70		
3	16QAM	15	0	10.65	10.69	10.60		
3	64QAM	1	0	10.67	10.67	10.82		
3	64QAM	1	8	10.54	10.67	10.71	12.1	0
3	64QAM	1	14	10.59	10.58	10.56		
3	64QAM	8	0	10.59	10.73	10.59		
3	64QAM	8	4	10.75	10.74	10.74	12.1	0
3	64QAM	8	7	10.54	10.77	10.71		
3	64QAM	15	0	10.64	10.69	10.56		
3	256QAM	1	0	10.60	10.72	10.78		
3	256QAM	1	8	10.61	10.74	10.68	12.1	0
3	256QAM	1	14	10.62	10.68	10.68		
3	256QAM	8	0	10.56	10.67	10.73		
3	256QAM	8	4	10.70	10.71	10.69	12.1	0
3	256QAM	8	7	10.55	10.61	10.69		
3	256QAM	15	0	10.68	10.75	10.66		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	10.77	10.81	10.82		
1.4	QPSK	1	3	10.66	10.73	10.77		
1.4	QPSK	1	5	10.64	10.65	10.63	12.1	0
1.4	QPSK	3	0	10.75	10.80	10.63		
1.4	QPSK	3	1	10.72	10.74	10.71		
1.4	QPSK	3	3	10.73	10.78	10.69		
1.4	QPSK	6	0	10.69	10.78	10.66	12.1	0
1.4	16QAM	1	0	10.76	10.76	10.69		
1.4	16QAM	1	3	10.57	10.64	10.68		
1.4	16QAM	1	5	10.68	10.63	10.55	12.1	0
1.4	16QAM	3	0	10.60	10.79	10.73		
1.4	16QAM	3	1	10.67	10.70	10.60		
1.4	16QAM	3	3	10.72	10.64	10.69		
1.4	16QAM	6	0	10.66	10.69	10.63	12.1	0
1.4	64QAM	1	0	10.69	10.76	10.80		
1.4	64QAM	1	3	10.57	10.73	10.68		
1.4	64QAM	1	5	10.67	10.58	10.62	12.1	0
1.4	64QAM	3	0	10.57	10.70	10.51		
1.4	64QAM	3	1	10.75	10.68	10.74		
1.4	64QAM	3	3	10.56	10.77	10.65		
1.4	64QAM	6	0	10.69	10.63	10.57	12.1	0
1.4	256QAM	1	0	10.63	10.76	10.68		
1.4	256QAM	1	3	10.55	10.75	10.62		
1.4	256QAM	1	5	10.66	10.68	10.60	12.1	0
1.4	256QAM	3	0	10.55	10.66	10.65		
1.4	256QAM	3	1	10.65	10.80	10.64		
1.4	256QAM	3	3	10.53	10.68	10.73		
1.4	256QAM	6	0	10.64	10.75	10.55	12.1	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		13.57		14.7	0
10	QPSK	1	25		13.54			
10	QPSK	1	49		13.52			
10	QPSK	25	0		13.50			
10	QPSK	25	12		13.49		14.7	0
10	QPSK	25	25		13.47			
10	QPSK	50	0		13.48			
10	16QAM	1	0		13.47			
10	16QAM	1	25		13.52		14.7	0
10	16QAM	1	49		13.46			
10	16QAM	25	0		13.42			
10	16QAM	25	12		13.41		14.7	0
10	16QAM	25	25		13.37			
10	16QAM	50	0		13.39			
10	64QAM	1	0		13.47			
10	64QAM	1	25		13.44		14.7	0
10	64QAM	1	49		13.42			
10	64QAM	25	0		13.40			
10	64QAM	25	12		13.37		14.7	0
10	64QAM	25	25		13.40			
10	64QAM	50	0		13.45			
10	256QAM	1	0		13.47			
10	256QAM	1	25		13.43		14.7	0
10	256QAM	1	49		13.47			
10	256QAM	25	0		13.40			
10	256QAM	25	12		13.41		14.7	0
10	256QAM	25	25		13.39			
10	256QAM	50	0		13.44			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	13.46	13.54	13.51	14.7	0
5	QPSK	1	12	13.49	13.53	13.44		
5	QPSK	1	24	13.49	13.40	13.50		
5	QPSK	12	0	13.49	13.48	13.41	14.7	0
5	QPSK	12	7	13.41	13.49	13.43		
5	QPSK	12	13	13.38	13.42	13.41		
5	QPSK	25	0	13.38	13.38	13.37		
5	16QAM	1	0	13.42	13.36	13.40		
5	16QAM	1	12	13.43	13.49	13.49	14.7	0
5	16QAM	1	24	13.44	13.46	13.35		
5	16QAM	12	0	13.34	13.39	13.31		
5	16QAM	12	7	13.35	13.31	13.37	14.7	0
5	16QAM	12	13	13.31	13.35	13.30		
5	16QAM	25	0	13.39	13.37	13.29		
5	64QAM	1	0	13.44	13.36	13.47		
5	64QAM	1	12	13.43	13.33	13.40	14.7	0
5	64QAM	1	24	13.31	13.39	13.35		
5	64QAM	12	0	13.38	13.39	13.30		
5	64QAM	12	7	13.29	13.36	13.32	14.7	0
5	64QAM	12	13	13.29	13.34	13.36		
5	64QAM	25	0	13.39	13.37	13.37		
5	256QAM	1	0	13.45	13.39	13.40		
5	256QAM	1	12	13.35	13.38	13.36	14.7	0
5	256QAM	1	24	13.41	13.36	13.38		
5	256QAM	12	0	13.39	13.36	13.37		
5	256QAM	12	7	13.39	13.35	13.38	14.7	0
5	256QAM	12	13	13.38	13.36	13.36		
5	256QAM	25	0	13.34	13.40	13.37		

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BW [MHz]	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	12.48	12.52	12.45	13.5	0
20	QPSK	1	49	12.38	12.42	12.36		
20	QPSK	1	99	12.41	12.47	12.38		
20	QPSK	50	0	12.42	12.49	12.33		
20	QPSK	50	24	12.46	12.43	12.44	13.5	0
20	QPSK	50	50	12.47	12.46	12.36		
20	QPSK	100	0	12.44	12.44	12.39		
20	16QAM	1	0	12.46	12.42	12.38		
20	16QAM	1	49	12.29	12.32	12.33	13.5	0
20	16QAM	1	99	12.44	12.39	12.35		
20	16QAM	50	0	12.31	12.43	12.32		
20	16QAM	50	24	12.39	12.40	12.32	13.5	0
20	16QAM	50	50	12.44	12.44	12.26		
20	16QAM	100	0	12.34	12.40	12.30		
20	64QAM	1	0	12.38	12.40	12.40		
20	64QAM	1	49	12.37	12.33	12.27	13.5	0
20	64QAM	1	99	12.45	12.44	12.33		
20	64QAM	50	0	12.33	12.38	12.27		
20	64QAM	50	24	12.40	12.39	12.34	13.5	0
20	64QAM	50	50	12.42	12.37	12.28		
20	64QAM	100	0	12.36	12.39	12.28		
20	256QAM	1	0	12.47	12.41	12.37		
20	256QAM	1	49	12.32	12.42	12.29	13.5	0
20	256QAM	1	99	12.44	12.41	12.33		
20	256QAM	50	0	12.41	12.42	12.24		
20	256QAM	50	24	12.45	12.37	12.36	13.5	0
20	256QAM	50	50	12.44	12.42	12.25		
20	256QAM	100	0	12.34	12.42	12.30		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	12.44	12.43	12.40		
15	QPSK	1	37	12.33	12.32	12.28	13.5	0
15	QPSK	1	74	12.35	12.39	12.36		
15	QPSK	36	0	12.32	12.37	12.26		
15	QPSK	36	20	12.45	12.42	12.39	13.5	0
15	QPSK	36	39	12.42	12.42	12.35		
15	QPSK	75	0	12.32	12.37	12.36		
15	16QAM	1	0	12.45	12.32	12.37		
15	16QAM	1	37	12.26	12.24	12.21	13.5	0
15	16QAM	1	74	12.40	12.30	12.23		
15	16QAM	36	0	12.20	12.30	12.31		
15	16QAM	36	20	12.29	12.29	12.30	13.5	0
15	16QAM	36	39	12.40	12.33	12.20		
15	16QAM	75	0	12.29	12.33	12.26		
15	64QAM	1	0	12.31	12.36	12.40		
15	64QAM	1	37	12.27	12.21	12.19	13.5	0
15	64QAM	1	74	12.35	12.44	12.25		
15	64QAM	36	0	12.22	12.26	12.19		
15	64QAM	36	20	12.30	12.38	12.24	13.5	0
15	64QAM	36	39	12.37	12.27	12.22		
15	64QAM	75	0	12.28	12.38	12.18		
15	256QAM	1	0	12.41	12.30	12.34		
15	256QAM	1	37	12.22	12.36	12.18	13.5	0
15	256QAM	1	74	12.37	12.30	12.27		
15	256QAM	36	0	12.36	12.35	12.13		
15	256QAM	36	20	12.41	12.31	12.35	13.5	0
15	256QAM	36	39	12.35	12.37	12.24		
15	256QAM	75	0	12.30	12.35	12.25		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	12.46	12.45	12.43	13.5	0
10	QPSK	1	25	12.32	12.37	12.25		
10	QPSK	1	49	12.39	12.36	12.26		
10	QPSK	25	0	12.32	12.43	12.31		
10	QPSK	25	12	12.40	12.32	12.35	13.5	0
10	QPSK	25	25	12.39	12.35	12.24		
10	QPSK	50	0	12.29	12.38	12.35		
10	16QAM	1	0	12.43	12.41	12.27		
10	16QAM	1	25	12.26	12.25	12.23	13.5	0
10	16QAM	1	49	12.37	12.30	12.24		
10	16QAM	25	0	12.20	12.31	12.21		
10	16QAM	25	12	12.35	12.30	12.30	13.5	0
10	16QAM	25	25	12.41	12.43	12.25		
10	16QAM	50	0	12.26	12.40	12.23		
10	64QAM	1	0	12.27	12.39	12.37		
10	64QAM	1	25	12.33	12.27	12.17	13.5	0
10	64QAM	1	49	12.36	12.40	12.29		
10	64QAM	25	0	12.29	12.31	12.25		
10	64QAM	25	12	12.39	12.36	12.23	13.5	0
10	64QAM	25	25	12.31	12.32	12.28		
10	64QAM	50	0	12.33	12.28	12.25		
10	256QAM	1	0	12.39	12.31	12.35		
10	256QAM	1	25	12.26	12.40	12.25	13.5	0
10	256QAM	1	49	12.43	12.32	12.30		
10	256QAM	25	0	12.35	12.31	12.14		
10	256QAM	25	12	12.37	12.33	12.33	13.5	0
10	256QAM	25	25	12.40	12.32	12.13		
10	256QAM	50	0	12.22	12.35	12.18		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	12.36	12.43	12.40		
5	QPSK	1	12	12.36	12.40	12.28	13.5	0
5	QPSK	1	24	12.36	12.40	12.36		
5	QPSK	12	0	12.38	12.39	12.26		
5	QPSK	12	7	12.37	12.34	12.37	13.5	0
5	QPSK	12	13	12.37	12.34	12.34		
5	QPSK	25	0	12.38	12.35	12.30		
5	16QAM	1	0	12.36	12.34	12.28		
5	16QAM	1	12	12.19	12.26	12.23	13.5	0
5	16QAM	1	24	12.42	12.30	12.29		
5	16QAM	12	0	12.27	12.41	12.28		
5	16QAM	12	7	12.31	12.33	12.29	13.5	0
5	16QAM	12	13	12.40	12.34	12.25		
5	16QAM	25	0	12.27	12.29	12.20		
5	64QAM	1	0	12.26	12.39	12.33		
5	64QAM	1	12	12.35	12.24	12.25	13.5	0
5	64QAM	1	24	12.42	12.43	12.28		
5	64QAM	12	0	12.32	12.32	12.26		
5	64QAM	12	7	12.38	12.27	12.29	13.5	0
5	64QAM	12	13	12.31	12.33	12.27		
5	64QAM	25	0	12.31	12.31	12.20		
5	256QAM	1	0	12.44	12.30	12.35		
5	256QAM	1	12	12.30	12.31	12.23	13.5	0
5	256QAM	1	24	12.39	12.39	12.31		
5	256QAM	12	0	12.37	12.37	12.12		
5	256QAM	12	7	12.44	12.27	12.34	13.5	0
5	256QAM	12	13	12.39	12.36	12.23		
5	256QAM	25	0	12.33	12.32	12.28		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	12.46	12.47	12.43		
3	QPSK	1	8	12.33	12.38	12.34	13.5	0
3	QPSK	1	14	12.46	12.37	12.31		
3	QPSK	8	0	12.36	12.40	12.24		
3	QPSK	8	4	12.38	12.35	12.36	13.5	0
3	QPSK	8	7	12.47	12.39	12.30		
3	QPSK	15	0	12.30	12.39	12.29		
3	16QAM	1	0	12.38	12.33	12.32		
3	16QAM	1	8	12.22	12.26	12.24	13.5	0
3	16QAM	1	14	12.37	12.31	12.31		
3	16QAM	8	0	12.23	12.31	12.31		
3	16QAM	8	4	12.37	12.35	12.29	13.5	0
3	16QAM	8	7	12.37	12.33	12.15		
3	16QAM	15	0	12.24	12.36	12.19		
3	64QAM	1	0	12.28	12.35	12.31		
3	64QAM	1	8	12.31	12.33	12.24	13.5	0
3	64QAM	1	14	12.36	12.41	12.25		
3	64QAM	8	0	12.27	12.34	12.

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BW [MHz]	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	14.71	14.82	14.75	15.5	0
20	QPSK	1	49	14.77	14.74	14.69		
20	QPSK	1	99	14.59	14.77	14.61		
20	QPSK	50	0	14.66	14.78	14.69		
20	QPSK	50	24	14.66	14.68	14.63		
20	QPSK	50	50	14.74	14.72	14.70		
20	QPSK	100	0	14.59	14.72	14.69		
20	16QAM	1	0	14.57	14.68	14.67	15.5	0
20	16QAM	1	49	14.63	14.66	14.66		
20	16QAM	1	99	14.54	14.56	14.52		
20	16QAM	50	0	14.55	14.60	14.68		
20	16QAM	50	24	14.73	14.53	14.54		
20	16QAM	50	50	14.63	14.60	14.64		
20	16QAM	100	0	14.52	14.56	14.57		
20	64QAM	1	0	14.72	14.73	14.66	15.5	0
20	64QAM	1	49	14.57	14.67	14.58		
20	64QAM	1	99	14.60	14.71	14.52		
20	64QAM	50	0	14.51	14.67	14.67		
20	64QAM	50	24	14.56	14.57	14.48		
20	64QAM	50	50	14.52	14.56	14.56		
20	64QAM	100	0	14.52	14.57	14.55		
20	256QAM	1	0	14.62	14.63	14.68	15.5	0
20	256QAM	1	49	14.67	14.59	14.56		
20	256QAM	1	99	14.57	14.55	14.62		
20	256QAM	50	0	14.61	14.58	14.68	15.5	0
20	256QAM	50	24	14.62	14.55	14.56		
20	256QAM	50	50	14.65	14.58	14.66		
20	256QAM	100	0	14.61	14.53	14.54		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	14.66	14.75	14.68	15.5	0
15	QPSK	1	37	14.75	14.64	14.66		
15	QPSK	1	74	14.50	14.65	14.53		
15	QPSK	36	0	14.57	14.71	14.59		
15	QPSK	36	20	14.64	14.66	14.58		
15	QPSK	36	39	14.64	14.62	14.68		
15	QPSK	75	0	14.54	14.69	14.68		
15	16QAM	1	0	14.56	14.67	14.64	15.5	0
15	16QAM	1	37	14.58	14.59	14.56		
15	16QAM	1	74	14.43	14.46	14.47		
15	16QAM	36	0	14.46	14.57	14.60		
15	16QAM	36	20	14.64	14.42	14.50		
15	16QAM	36	39	14.54	14.49	14.60		
15	16QAM	75	0	14.45	14.54	14.47		
15	64QAM	1	0	14.66	14.66	14.66	15.5	0
15	64QAM	1	37	14.51	14.56	14.48		
15	64QAM	1	74	14.48	14.70	14.42		
15	64QAM	36	0	14.47	14.58	14.60		
15	64QAM	36	20	14.55	14.50	14.46		
15	64QAM	36	39	14.45	14.48	14.48		
15	64QAM	75	0	14.45	14.52	14.49		
15	256QAM	1	0	14.60	14.56	14.65	15.5	0
15	256QAM	1	37	14.64	14.49	14.47		
15	256QAM	1	74	14.55	14.51	14.51		
15	256QAM	36	0	14.54	14.57	14.64	15.5	0
15	256QAM	36	20	14.61	14.50	14.56		
15	256QAM	36	39	14.64	14.47	14.61		
15	256QAM	75	0	14.58	14.48	14.51		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	14.60	14.71	14.71	15.5	0
10	QPSK	1	25	14.71	14.68	14.67		
10	QPSK	1	49	14.55	14.66	14.58		
10	QPSK	25	0	14.54	14.68	14.67		
10	QPSK	25	12	14.65	14.67	14.55		
10	QPSK	25	25	14.69	14.64	14.69		
10	QPSK	50	0	14.56	14.67	14.67		
10	16QAM	1	0	14.52	14.63	14.56	15.5	0
10	16QAM	1	25	14.60	14.57	14.64		
10	16QAM	1	49	14.48	14.49	14.46		
10	16QAM	25	0	14.44	14.55	14.57		
10	16QAM	25	12	14.67	14.52	14.46		
10	16QAM	25	25	14.55	14.49	14.53		
10	16QAM	50	0	14.47	14.45	14.55		
10	64QAM	1	0	14.69	14.70	14.63	15.5	0
10	64QAM	1	25	14.49	14.66	14.57		
10	64QAM	1	49	14.60	14.68	14.44		
10	64QAM	25	0	14.50	14.62	14.57		
10	64QAM	25	12	14.56	14.46	14.45		
10	64QAM	25	25	14.44	14.45	14.55		
10	64QAM	50	0	14.42	14.47	14.55		
10	256QAM	1	0	14.52	14.61	14.66	15.5	0
10	256QAM	1	25	14.60	14.47	14.49		
10	256QAM	1	49	14.47	14.53	14.51		
10	256QAM	25	0	14.51	14.48	14.63	15.5	0
10	256QAM	25	12	14.56	14.49	14.50		
10	256QAM	25	25	14.55	14.56	14.63		
10	256QAM	50	0	14.58	14.47	14.44		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	14.67	14.76	14.73	15.5	0
5	QPSK	1	12	14.76	14.71	14.61		
5	QPSK	1	24	14.53	14.76	14.56		
5	QPSK	12	0	14.63	14.71	14.60		
5	QPSK	12	7	14.64	14.62	14.54		
5	QPSK	12	13	14.62	14.64	14.69		
5	QPSK	25	0	14.49	14.70	14.63		
5	16QAM	1	0	14.45	14.61	14.56	15.5	0
5	16QAM	1	12	14.60	14.62	14.55		
5	16QAM	1	24	14.53	14.47	14.47		
5	16QAM	12	0	14.51	14.60	14.59		
5	16QAM	12	7	14.63	14.46	14.43		
5	16QAM	12	13	14.53	14.50	14.53		
5	16QAM	25	0	14.46	14.44	14.46		
5	64QAM	1	0	14.64	14.63	14.60	15.5	0
5	64QAM	1	12	14.48	14.57	14.52		
5	64QAM	1	24	14.60	14.64	14.44		
5	64QAM	12	0	14.49	14.65	14.64		
5	64QAM	12	7	14.51	14.46	14.46		
5	64QAM	12	13	14.46	14.51	14.51		
5	64QAM	25	0	14.40	14.48	14.51		
5	256QAM	1	0	14.51	14.63	14.67	15.5	0
5	256QAM	1	12	14.60	14.58	14.48		
5	256QAM	1	24	14.57	14.49	14.57		
5	256QAM	12	0	14.51	14.53	14.65	15.5	0
5	256QAM	12	7	14.53	14.46	14.55		
5	256QAM	12	13	14.62	14.48	14.62		
5	256QAM	25	0	14.59	14.49	14.53		

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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	14.78	14.82	14.85	14.81	14.80	15.5	0
20	QPSK	1	49	14.68	14.79	14.80	14.79	14.70		
20	QPSK	1	99	14.65	14.71	14.80	14.70	14.73		
20	QPSK	50	0	14.68	14.72	14.79	14.77	14.67		
20	QPSK	50	24	14.73	14.78	14.73	14.69	14.75		
20	QPSK	50	50	14.75	14.76	14.73	14.74	14.67		
20	QPSK	100	0	14.71	14.71	14.74	14.70	14.66		
20	16QAM	1	0	14.74	14.67	14.74	14.72	14.74	15.5	0
20	16QAM	1	49	14.53	14.67	14.68	14.75	14.61		
20	16QAM	1	99	14.52	14.57	14.65	14.58	14.68		
20	16QAM	50	0	14.60	14.58	14.63	14.72	14.63		
20	16QAM	50	24	14.63	14.73	14.59	14.58	14.66		
20	16QAM	50	50	14.67	14.63	14.68	14.64	14.56		
20	16QAM	100	0	14.62	14.62	14.59	14.63	14.55		
20	64QAM	1	0	14.64	14.77	14.75	14.67	14.74	15.5	0
20	64QAM	1	49	14.58	14.63	14.76	14.66	14.60		
20	64QAM	1	99	14.50	14.65	14.76	14.60	14.58		
20	64QAM	50	0	14.55	14.60	14.70	14.69	14.59		
20	64QAM	50	24	14.63	14.66	14.66	14.59	14.66		
20	64QAM	50	50	14.69	14.61	14.62	14.63	14.53		
20	64QAM	100	0	14.55	14.63	14.63	14.57	14.57		
20	256QAM	1	0	14.63	14.68	14.74	14.73	14.73	15.5	0
20	256QAM	1	49	14.57	14.67	14.69	14.65	14.64		
20	256QAM	1	99	14.60	14.66	14.67	14.64	14.58		
20	256QAM	50	0	14.58	14.63	14.65	14.72	14.59		
20	256QAM	50	24	14.64	14.73	14.61	14.60	14.64		
20	256QAM	50	50	14.60	14.67	14.65	14.66	14.60		
20	256QAM	100	0	14.58	14.61	14.63	14.65	14.57		
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	14.72	14.79	14.79	14.71	14.74	16	0
15	QPSK	1	37	14.61	14.74	14.67	14.67	14.61		
15	QPSK	1	74	14.55	14.65	14.67	14.59	14.70		
15	QPSK	36	0	14.55	14.69	14.70	14.73	14.57		
15	QPSK	36	20	14.61	14.72	14.68	14.66	14.70		
15	QPSK	36	39	14.61	14.66	14.59	14.65	14.64		
15	QPSK	75	0	14.62	14.67	14.66	14.64	14.62		
15	16QAM	1	0	14.69	14.61	14.69	14.65	14.70	15.5	0
15	16QAM	1	37	14.42	14.62	14.56	14.63	14.56		
15	16QAM	1	74	14.42	14.47	14.55	14.46	14.56		
15	16QAM	36	0	14.48	14.46	14.57	14.65	14.55		
15	16QAM	36	20	14.55	14.69	14.51	14.56	14.62		
15	16QAM	36	39	14.54	14.55	14.66	14.60	14.43		
15	16QAM	75	0	14.47	14.57	14.48	14.54	14.42		
15	64QAM	1	0	14.58	14.65	14.70	14.63	14.63	15.5	0
15	64QAM	1	37	14.51	14.59	14.71	14.53	14.51		
15	64QAM	1	74	14.45	14.55	14.66	14.50	14.55		
15	64QAM	36	0	14.46	14.57	14.65	14.62	14.52		
15	64QAM	36	20	14.59	14.54	14.63	14.55	14.61		
15	64QAM	36	39	14.59	14.48	14.50	14.59	14.50		
15	64QAM	75	0	14.45	14.56	14.58	14.47	14.55		
15	256QAM	1	0	14.49	14.57	14.71	14.65	14.66	15.5	0
15	256QAM	1	37	14.43	14.59	14.65	14.61	14.58		
15	256QAM	1	74	14.50	14.55	14.63	14.62	14.46		
15	256QAM	36	0	14.56	14.50	14.57	14.69	14.56	15.5	0
15	256QAM	36	20	14.55	14.63	14.51	14.49	14.58		
15	256QAM	36	39	14.56	14.63	14.54	14.55	14.54		
15	256QAM	75	0	14.51	14.58	14.56	14.63	14.55		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	14.74	14.75	14.76	14.72	14.75	16	0
10	QPSK	1	25	14.64	14.65	14.67	14.69	14.59		
10	QPSK	1	49	14.52	14.58	14.74	14.65	14.68		
10	QPSK	25	0	14.56	14.64	14.67	14.74	14.65		
10	QPSK	25	12	14.61	14.75	14.61	14.58	14.66	15.5	0
10	QPSK	25	25	14.69	14.69	14.63	14.64	14.62		
10	QPSK	50	0	14.57	14.63	14.70	14.66	14.58		
10	16QAM	1	0	14.69	14.61	14.65	14.59	14.60	15.5	0
10	16QAM	1	25	14.44	14.61	14.60	14.73	14.51		
10	16QAM	1	49	14.49	14.44	14.54	14.47	14.62		
10	16QAM	25	0	14.48	14.52	14.52	14.68	14.56	15.5	0
10	16QAM	25	12	14.54	14.65	14.48	14.48	14.56		
10	16QAM	25	25	14.54	14.54	14.60	14.60	14.46		
10	16QAM	50	0	14.50	14.60	14.56	14.50	14.52		
10	64QAM	1	0	14.59	14.65	14.68	14.54	14.65	15.5	0
10	64QAM	1	25	14.50	14.51	14.71	14.54	14.56		
10	64QAM	1	49	14.37	14.58	14.62	14.47	14.52		
10	64QAM	25	0	14.50	14.51	14.59	14.61	14.49	15.5	0
10	64QAM	25	12	14.58	14.59	14.56	14.50	14.61		
10	64QAM	25	25	14.64	14.56	14.57	14.57	14.43		
10	64QAM	50	0	14.50	14.49	14.52	14.50	14.52		
10	256QAM	1	0	14.54	14.57	14.61	14.68	14.64	15.5	0
10	256QAM	1	25	14.50	14.56	14.55	14.57	14.60		
10	256QAM	1	49	14.50	14.63	14.57	14.54	14.54		
10	256QAM	25	0	14.55	14.54	14.56	14.58	14.52	15.5	0
10	256QAM	25	12	14.50	14.67	14.57	14.51	14.61		
10	256QAM	25	25	14.54	14.53	14.58	14.58	14.51		
10	256QAM	50	0	14.50	14.58	14.60	14.52	14.44		
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	14.73	14.68	14.78	14.67	14.68	16	0
5	QPSK	1	12	14.59	14.75	14.76	14.76	14.60		
5	QPSK	1	24	14.52	14.63	14.70	14.58	14.69		
5	QPSK	12	0	14.62	14.65	14.70	14.65	14.57		
5	QPSK	12	7	14.68	14.64	14.60	14.66	14.61	15.5	0
5	QPSK	12	13	14.68	14.70	14.61	14.63	14.57		
5	QPSK	25	0	14.58	14.57	14.70	14.60	14.62		
5	16QAM	1	0	14.66	14.64	14.66	14.62	14.63	15.5	0
5	16QAM	1	12	14.41	14.58	14.64	14.62	14.51		
5	16QAM	1	24	14.39	14.54	14.57	14.46	14.62		
5	16QAM	12	0	14.48	14.53	14.51	14.66	14.52	15.5	0
5	16QAM	12	7	14.51	14.69	14.49	14.51	14.55		
5	16QAM	12	13	14.62	14.57	14.63	14.52	14.51		
5	16QAM	25	0	14.55	14.55	14.56	14.51	14.51		
5	64QAM	1	0	14.59	14.64	14.64	14.62	14.67	15.5	0
5	64QAM	1	12	14.52	14.50	14.66	14.58	14.54		
5	64QAM	1	24	14.36	14.61	14.68	14.53	14.52		
5	64QAM	12	0	14.46	14.47	14.62	14.62	14.49	15.5	0
5	64QAM	12	7	14.60	14.53	14.51	14.59	14.59		
5	64QAM	12	13	14.63	14.49	14.48	14.61	14.41		
5	64QAM	25	0	14.53	14.59	14.50	14.50	14.50		
5	256QAM	1	0	14.60	14.63	14.69	14.63	14.59	15.5	0
5	256QAM	1	12	14.45	14.62	14.61	14.55	14.60		
5	256QAM	1	24	14.52	14.52	14.63	14.55	14.50		
5	256QAM	12	0	14.44	14.59	14.57	14.61	14.47	15.5	0
5	256QAM	12	7	14.54	14.61	14.52	14.54	14.62		
5	256QAM	12	13	14.57	14.60	14.54	14.54	14.51		
5	256QAM	25	0	14.51	14.59	14.50	14.59	14.44		

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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	15.92	15.93	16.00	15.95	15.96	17.1	0
20	QPSK	1	49	15.90	15.88	15.89	15.90	15.93		
20	QPSK	1	99	15.80	15.88	15.97	15.89	15.92		
20	QPSK	50	0	15.84	15.92	15.96	15.90	15.86		
20	QPSK	50	24	15.86	15.83	15.95	15.88	15.88		
20	QPSK	50	50	15.82	15.85	15.94	15.87	15.89		
20	QPSK	100	0	15.84	15.89	15.95	15.85	15.94		
20	16QAM	1	0	15.77	15.80	15.90	15.86	15.89		
20	16QAM	1	49	15.84	15.73	15.81	15.78	15.81		
20	16QAM	1	99	15.71	15.80	15.85	15.80	15.77		
20	16QAM	50	0	15.76	15.87	15.92	15.76	15.71		
20	16QAM	50	24	15.75	15.74	15.86	15.75	15.82		
20	16QAM	50	50	15.77	15.73	15.83	15.77	15.82		
20	16QAM	100	0	15.73	15.77	15.89	15.75	15.85		
20	64QAM	1	0	15.87	15.90	15.89	15.91	15.87		
20	64QAM	1	49	15.81	15.73	15.76	15.84	15.81		
20	64QAM	1	99	15.76	15.82	15.91	15.85	15.81		
20	64QAM	50	0	15.73	15.89	15.92	15.82	15.71		
20	64QAM	50	24	15.79	15.78	15.86	15.79	15.74		
20	64QAM	50	50	15.68	15.77	15.89	15.81	15.75		
20	64QAM	100	0	15.73	15.80	15.89	15.78	15.85		
20	256QAM	1	0	15.88	15.85	15.90	15.91	15.82		
20	256QAM	1	49	15.81	15.82	15.84	15.84	15.82		
20	256QAM	1	99	15.73	15.83	15.83	15.79	15.83		
20	256QAM	50	0	15.80	15.79	15.85	15.77	15.73		
20	256QAM	50	24	15.79	15.70	15.86	15.73	15.77		
20	256QAM	50	50	15.68	15.72	15.83	15.82	15.74		
20	256QAM	100	0	15.70	15.85	15.90	15.77	15.90		
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	15.84	15.78	15.88	15.84	15.92	17	0
15	QPSK	1	37	15.80	15.80	15.77	15.80	15.87		
15	QPSK	1	74	15.71	15.74	15.89	15.75	15.85		
15	QPSK	36	0	15.78	15.88	15.94	15.82	15.76		
15	QPSK	36	20	15.81	15.73	15.86	15.82	15.84		
15	QPSK	36	39	15.69	15.71	15.82	15.82	15.82		
15	QPSK	75	0	15.72	15.85	15.81	15.80	15.87		
15	16QAM	1	0	15.73	15.67	15.84	15.78	15.79	17.1	0
15	16QAM	1	37	15.79	15.69	15.69	15.67	15.68		
15	16QAM	1	74	15.67	15.69	15.80	15.71	15.72		
15	16QAM	36	0	15.69	15.82	15.80	15.68	15.64		
15	16QAM	36	20	15.63	15.64	15.79	15.62	15.72		
15	16QAM	36	39	15.63	15.58	15.68	15.68	15.69		
15	16QAM	75	0	15.68	15.69	15.76	15.68	15.75		
15	64QAM	1	0	15.81	15.80	15.79	15.77	15.79	17.1	0
15	64QAM	1	37	15.72	15.67	15.67	15.74	15.74		
15	64QAM	1	74	15.66	15.68	15.77	15.76	15.70		
15	64QAM	36	0	15.61	15.75	15.82	15.67	15.57		
15	64QAM	36	20	15.76	15.71	15.77	15.72	15.68		
15	64QAM	36	39	15.60	15.67	15.82	15.71	15.63		
15	64QAM	75	0	15.63	15.77	15.83	15.72	15.73		
15	256QAM	1	0	15.78	15.76	15.85	15.83	15.70	17.1	0
15	256QAM	1	37	15.70	15.68	15.75	15.69	15.67		
15	256QAM	1	74	15.65	15.73	15.71	15.69	15.78		
15	256QAM	36	0	15.74	15.74	15.73	15.63	15.65		
15	256QAM	36	20	15.72	15.62	15.81	15.68	15.71		
15	256QAM	36	39	15.61	15.62	15.75	15.69	15.63		
15	256QAM	75	0	15.59	15.73	15.84	15.67	15.85		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	15.78	15.83	15.96	15.81	15.90	17	0
10	QPSK	1	25	15.86	15.82	15.82	15.84	15.88		
10	QPSK	1	49	15.68	15.76	15.91	15.80	15.88		
10	QPSK	25	0	15.80	15.81	15.84	15.77	15.80		
10	QPSK	25	12	15.75	15.74	15.90	15.75	15.79	17.1	0
10	QPSK	25	25	15.77	15.78	15.80	15.81	15.78		
10	QPSK	50	0	15.75	15.79	15.92	15.80	15.84		
10	16QAM	1	0	15.69	15.70	15.77	15.72	15.86	17.1	0
10	16QAM	1	25	15.77	15.62	15.76	15.73	15.68		
10	16QAM	1	49	15.62	15.74	15.80	15.70	15.72		
10	16QAM	25	0	15.66	15.74	15.80	15.71	15.57		
10	16QAM	25	12	15.61	15.60	15.80	15.71	15.75		
10	16QAM	25	25	15.72	15.60	15.73	15.71	15.68		
10	16QAM	50	0	15.66	15.73	15.85	15.63	15.72		
10	64QAM	1	0	15.80	15.86	15.74	15.79	15.73	17.1	0
10	64QAM	1	25	15.68	15.65	15.70	15.80	15.73		
10	64QAM	1	49	15.63	15.69	15.77	15.71	15.74		
10	64QAM	25	0	15.69	15.81	15.80	15.76	15.63		
10	64QAM	25	12	15.71	15.68	15.82	15.70	15.62		
10	64QAM

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BW [MHz]	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	15.44	15.48	15.44		
20	QPSK	1	49	15.22	15.42	15.32	16.7	0
20	QPSK	1	99	15.32	15.46	15.36		
20	QPSK	50	0	15.33	15.45	15.38		
20	QPSK	50	24	15.36	15.29	15.37	16.7	0
20	QPSK	50	50	15.35	15.38	15.36		
20	QPSK	100	0	15.31	15.40	15.35		
20	16QAM	1	0	15.34	15.31	15.38		
20	16QAM	1	49	15.21	15.24	15.34	16.7	0
20	16QAM	1	99	15.27	15.37	15.33		
20	16QAM	50	0	15.29	15.26	15.28		
20	16QAM	50	24	15.28	15.28	15.39	16.7	0
20	16QAM	50	50	15.25	15.36	15.30		
20	16QAM	100	0	15.21	15.34	15.36		
20	64QAM	1	0	15.33	15.36	15.38		
20	64QAM	1	49	15.15	15.41	15.25	16.7	0
20	64QAM	1	99	15.34	15.33	15.41		
20	64QAM	50	0	15.38	15.30	15.28		
20	64QAM	50	24	15.23	15.30	15.23	16.7	0
20	64QAM	50	50	15.20	15.28	15.28		
20	64QAM	100	0	15.29	15.33	15.31		
20	256QAM	1	0	15.30	15.36	15.31		
20	256QAM	1	49	15.21	15.30	15.34	16.7	0
20	256QAM	1	99	15.28	15.40	15.40		
20	256QAM	50	0	15.37	15.42	15.29		
20	256QAM	50	24	15.21	15.28	15.23	16.7	0
20	256QAM	50	50	15.19	15.23	15.16		
20	256QAM	100	0	15.23	15.35	15.29		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.36	15.42	15.43		
15	QPSK	1	37	15.13	15.36	15.39	16.7	0
15	QPSK	1	74	15.29	15.37	15.32		
15	QPSK	36	0	15.24	15.40	15.27		
15	QPSK	36	20	15.32	15.18	15.31	16.7	0
15	QPSK	36	39	15.23	15.37	15.34		
15	QPSK	75	0	15.23	15.30	15.24		
15	16QAM	1	0	15.31	15.22	15.35		
15	16QAM	1	37	15.20	15.18	15.34	16.7	0
15	16QAM	1	74	15.21	15.36	15.32		
15	16QAM	36	0	15.19	15.14	15.22		
15	16QAM	36	20	15.17	15.17	15.38	16.7	0
15	16QAM	36	39	15.21	15.33	15.28		
15	16QAM	75	0	15.14	15.30	15.34		
15	64QAM	1	0	15.22	15.26	15.31		
15	64QAM	1	37	15.04	15.32	15.14	16.7	0
15	64QAM	1	74	15.28	15.32	15.37		
15	64QAM	36	0	15.33	15.23	15.19		
15	64QAM	36	20	15.18	15.20	15.21	16.7	0
15	64QAM	36	39	15.17	15.25	15.23		
15	64QAM	75	0	15.21	15.21	15.22		
15	256QAM	1	0	15.27	15.31	15.28		
15	256QAM	1	37	15.10	15.18	15.27	16.7	0
15	256QAM	1	74	15.22	15.34	15.35		
15	256QAM	36	0	15.31	15.36	15.24		
15	256QAM	36	20	15.13	15.18	15.23	16.7	0
15	256QAM	36	39	15.07	15.18	15.07		
15	256QAM	75	0	15.16	15.25	15.28		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1858	1880	1905		
10	QPSK	1	0	15.35	15.44	15.41		
10	QPSK	1	25	15.20	15.39	15.24	16.7	0
10	QPSK	1	49	15.29	15.40	15.33		
10	QPSK	25	0	15.28	15.44	15.38		
10	QPSK	25	12	15.36	15.26	15.28	16.7	0
10	QPSK	25	25	15.29	15.30	15.29		
10	QPSK	50	0	15.19	15.32	15.32		
10	16QAM	1	0	15.29	15.22	15.34		
10	16QAM	1	25	15.14	15.14	15.32	16.7	0
10	16QAM	1	49	15.20	15.30	15.23		
10	16QAM	25	0	15.18	15.24	15.16		
10	16QAM	25	12	15.27	15.19	15.38	16.7	0
10	16QAM	25	25	15.22	15.30	15.28		
10	16QAM	50	0	15.09	15.31	15.28		
10	64QAM	1	0	15.24	15.29	15.32		
10	64QAM	1	25	15.05	15.34	15.18	16.7	0
10	64QAM	1	49	15.25	15.32	15.38		
10	64QAM	25	0	15.28	15.19	15.24		
10	64QAM	25	12	15.11	15.20	15.17	16.7	0
10	64QAM	25	25	15.08	15.20	15.21		
10	64QAM	50	0	15.27	15.26	15.24		
10	256QAM	1	0	15.21	15.31	15.23		
10	256QAM	1	25	15.15	15.20	15.30	16.7	0
10	256QAM	1	49	15.20	15.29	15.36		
10	256QAM	25	0	15.33	15.35	15.20		
10	256QAM	25	12	15.09	15.24	15.18	16.7	0
10	256QAM	25	25	15.11	15.16	15.05		
10	256QAM	50	0	15.16	15.30	15.27		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.38	15.40	15.41		
5	QPSK	1	12	15.15	15.38	15.20	16.7	0
5	QPSK	1	24	15.25	15.36	15.36		
5	QPSK	12	0	15.26	15.35	15.38		
5	QPSK	12	7	15.31	15.20	15.29	16.7	0
5	QPSK	12	13	15.34	15.36	15.29		
5	QPSK	25	0	15.25	15.29	15.29		
5	16QAM	1	0	15.25	15.28	15.33		
5	16QAM	1	12	15.14	15.20	15.33	16.7	0
5	16QAM	1	24	15.26	15.32	15.30		
5	16QAM	12	0	15.22	15.19	15.20		
5	16QAM	12	7	15.21	15.23	15.35	16.7	0
5	16QAM	12	13	15.22	15.32	15.19		
5	16QAM	25	0	15.13	15.22	15.25		
5	64QAM	1	0	15.29	15.28	15.37		
5	64QAM	1	12	15.15	15.33	15.18	16.7	0
5	64QAM	1	24	15.28	15.23	15.35		
5	64QAM	12	0	15.31	15.28	15.19		
5	64QAM	12	7	15.17	15.23	15.15	16.7	0
5	64QAM	12	13	15.16	15.28	15.22		
5	64QAM	25	0	15.20	15.28	15.21		
5	256QAM	1	0	15.20	15.35	15.26		
5	256QAM	1	12	15.18	15.21	15.30	16.7	0
5	256QAM	1	24	15.18	15.36	15.35		
5	256QAM	12	0	15.37	15.36	15.21		
5	256QAM	12	7	15.10	15.25	15.15	16.7	0
5	256QAM	12	13	15.18	15.13	15.06		
5	256QAM	25	0	15.22	15.24	15.20		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.42	15.36	15.43		
3	QPSK	1	8	15.13	15.35	15.27	16.7	0
3	QPSK	1	14	15.21	15.45	15.35		
3	QPSK	8	0	15.33	15.35	15.37		
3	QPSK	8	4	15.28	15.19	15.25	16.7	0
3	QPSK	8	7	15.25	15.32	15.27		
3	QPSK	15	0	15.29	15.39	15.28		
3	16QAM	1	0	15.31	15.23	15.34		
3	16QAM	1	8	15.19	15.22	15.34	16.7	0
3	16QAM	1	14	15.24	15.30	15.22		
3	16QAM	8	0	15.20	15.23	15.25		
3	16QAM	8	4	15.20	15.22	15.30	16.7	0
3	16QAM	8	7	15.23	15.28	15.29		
3	16QAM	15	0	15.09	15.27	15.33		
3	64QAM	1	0	15.21	15.29	15.27		
3	64QAM	1	8	15.10	15.39	15.24	16.7	0
3	64QAM	1	14	15.32	15.24	15.38		
3	64QAM	8	0	15.31	15.18	15.22		
3	64QAM	8	4	15.23	15.24	15.18	16.7	0
3	64QAM	8	7	15.10	15.26	15.19		
3	64QAM	15	0	15.23	15.22	15.27		
3	256QAM	1	0	15.19	15.32	15.29		
3	256QAM	1	8	15.19	15.29	15.28	16.7	0
3	256QAM	1	14	15.25	15.37	15.30		
3	256QAM	8	0	15.34	15.31	15.18		
3	256QAM	8	4	15.19	15.27	15.22	16.7	0
3	256QAM	8	7	15.07	15.21	15.11		
3	256QAM	15	0	15.17	15.35	15.18		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.38	15.45	15.32		
1.4	QPSK	1	3	15.12	15.31	15.23		
1.4	QPSK	3	0	15.22	15.33	15.31	16.7	0
1.4	QPSK	3	0	15.24	15.38	15.30		
1.4	QPSK	3	1	15.29	15.18	15.34		
1.4	QPSK	3	3	15.25	15.29	15.35		
1.4	QPSK	6	0	15.29	15.37	15.35	16.7	0
1.4	16QAM	1	0	15.33	15.29	15.29		
1.4	16QAM	1	3	15.11	15.14	15.28		
1.4	16QAM	1	5	15.16	15.31	15.28	16.7	0
1.4	16QAM	3	0	15.17	15.24	15.23		
1.4	16QAM	3	1	15.22	15.21	15.29		
1.4	16QAM	3	3	15.14	15.35	15.27		
1.4	16QAM	6	0	15.14	15.28	15.32	16.7	0
1.4	64QAM	1	0	15.32	15.35	15.30		
1.4	64QAM	1	3	15.15	15.36	15.25		
1.4	64QAM	1	5	15.33	15.22	15.33	16.7	0
1.4	64QAM	3	0	15.26	15.21	15.19		
1.4	64QAM	3	1	15.21	15.25	15.14		
1.4	64QAM	3	3	15.12	15.18	15.17		
1.4	64QAM	6	0	15.20	15.26	15.23	16.7	0
1.4	256QAM	1	0	15.18	15.32	15.26		
1.4	256QAM	1	3	15.11	15.29	15.33		
1.4	256QAM	1	5	15.27	15.30	15.30	16.7	0
1.4	256QAM	3	0	15.26	15.34	15.24		
1.4	256QAM	3	1	15.10	15.27	15.15		
1.4	256QAM	3	3	15.19	15.19	15.15		
1.4	256QAM	6	0	15.18	15.32	15.26	16.7	0

Band 4 Ant 3 ECI 2

BW [MHz]	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	14.18	14.32	14.30		
20	QPSK	1	49	14.12	14.28	14.16	15.5	0
20	QPSK	1	99	14.20	14.23	14.11		
20	QPSK	50	0	14.13	14.27	14.18		
20	QPSK	50	24	14.15	14.23	14.17	15.5	0
20	QPSK	50	50	14.11	14.26	14.20		
20	QPSK	100	0	14.16	14.24	14.16		
20	16QAM	1	0	14.20	14.17	14.07		
20	16QAM	1	49	14.07	14.17	14.17	15.5	0
20	16QAM	1	99	14.11	14.14	14.03		
20	16QAM	50	0	14.18	14.12	14.18		
20	16QAM	50	24	14.11	14.08	14.09	15.5	0
20	16QAM	50	50	14.07	14.13	14.20		
20	16QAM	100	0	14.09	14.26	14.13		
20	64QAM	1	0	14.12	14.19	14.13		
20	64QAM	1	49	14.02	14.16	14.06	15.5	0
20	64QAM	1	99	14.04	14.12	14.10		
20	64QAM	50	0	14.15	14.28	14.11		
20	64QAM	50	24	14.11	14.16	14.17	15.5	0
20	64QAM	50	50	14.09	14.13	14.09		
20	64QAM	100	0	14.03	14.13	14.11		
20	256QAM	1	0	14.13	14.24	14.23		
20	256QAM	1	49	14.04	14.16	14.15	15.5	0
20	256QAM	1	99	14.24	14.22	14.13		
20	256QAM	50	0	14.11	14.28	14.13		
20	256QAM	50	24	14.15	14.19	14.16	15.5	0
20	256QAM	50	50	14.11	14.20	14.06		
20	256QAM	100	0	14.12	14.23	14.06		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	14.13	14.25	14.18		
15	QPSK	1	37	14.09	14.26	14.14	15.5	0
15	QPSK	1	74	14.16	14.19	14.06		
15	QPSK	36	0	14.06	14.24	14.18		
15	QPSK	36	20	14.04	14.23	14.09	15.5	0
15	QPSK	36	39	14.07	14.24	14.19		
15	QPSK	75	0	14.04	14.17	14.06		
15	16QAM	1	0	14.08	14.10	14.02		
15	16QAM	1	37	14.03	14.10	14.07	15.5	0
15	16QAM	1	74	14.02	14.12	13.98		
15	16QAM	36	0	14.08	14.08	14.12		
15	16QAM	36	20	14.06	14.03	14.08	15.5	0
15	16QAM	36	39	14.06	14.04	14.09		
15	16QAM	75	0	14.06	14.25	14.12		
15	64QAM	1	0	14.02	14.09	14.13		
15	64QAM	1	37	13.96	14.09	14.06	15.5	0
15	64QAM	1	74	13.97	14.08	14.07		
15	64QAM	36	0	14.03	14.21	14.06		
15	64QAM	36	20	14.09	14.14	14.12	15.5	0
15	64QAM	36	39	14.08	14.07	14.06		
15	64QAM	75	0	14.01	14.13	14.06		
15	256QAM	1	0	14.10	14.17	14.14		
15	256QAM	1	37	14.01	14.12	14.05	15.5	0
15	256QAM	1	74	14.23	14.18	14.10		
15	256QAM	36	0	14.10	14.17	14.12		
15	256QAM	36	20	14.05	14.17	14.06	15.5	0
15	256QAM	36	39	14.03	14.17	14.05		
15	256QAM	75	0	14.06	14.14	14.00		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1718	1732.5	1750		
10	QPSK	1	0	14.09	14.24	14.21		
10	QPSK	1	25	14.09	14.17	14.10	15.5	0
10	QPSK	1	49	14.10	14.16	14.06		
10	QPSK	25	0	14.04	14.17	14.12		
10	QPSK	25	12	14.12	14.15	14.07	15.5	0
10	QPSK	25	25	14.05	14.15	14.18		
10	QPSK	50	0	14.06	14.15	14.07		
10	16QAM	1	0	14.08	14.10	14.07		
10	16QAM	1	25	14.01	14.11	14.11	15.5	0
10	16QAM	1	49	13.99	14.03	13.98		
10	16QAM	25	0	14.09	14.04	14.13		
10	16QAM	25	12	14.01	14.06	14.07	15.5	0
10	16QAM	25	25	13.99	14.11	14.15		
10	16QAM	50	0	14.00	14.16	14.05		
10	64QAM	1	0	14.06	14.16	14.02		
10	64QAM	1	25	13.99	14.12	13.96	15.5	0
10	64QAM	1	49	13.95	14.10	14.00		
10	64QAM	25	0	14.13	14.27	14.09		
10	64QAM	25	12	14.08	14.09	14.11	15.5	0
10	64QAM	25	25	14.03	14.09	14.03		
10	64QAM	50	0	14.00	14.03	14.03		
10	256QAM	1	0	14.03	14.17	14.21		
10	256QAM	1	25	13.99	14.15	14.11	15.5	0
10	256QAM	1	49	14.17	14.18	14.03		
10	256QAM	25	0	14.07	14.18	14.10		
10	256QAM	25	12	14.11	14.10	14.15	15.5	0
10	256QAM	25	25	14.02	14.16	13.98		
10	256QAM	50	0	14.02	14.20	13.97		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715.5	1732.5	1752.5		
5	QPSK	1	0	14.16	14.24	14.22		
5	QPSK	1	12	14.07	14.19	14.04	15.5	0
5	QPSK	1	24	14.20	14.14	14.01		
5	QPSK	12	0	14.11	14.24	14.09		
5	QPSK	12	7	14.06	14.16	14.08	15.5	0
5	QPSK	12	13	14.03	14.19	14.19		
5	QPSK	25	0	14.11	14.14	14.15		
5	16QAM	1	0	14.18	14.10	14.02		
5	16QAM	1	12	14.07	14.10	14.16	15.5	0
5	16QAM	1	24	14.05	14.12	14.02		
5	16QAM	12	0	14.13	14.03	14.06		
5	16QAM	12	7	14.01	14.04	13.97	15.5	0
5	16QAM	12	13	14.02	14.12	14.12		
5	16QAM	25	0	14.02	14.18	14.07		
5	64QAM	1	0	14.02	14.10	14.12		
5	64QAM	1	12	13.97	14.15	13.95	15.5	0
5	64QAM	1	24	14.03	14.04	13.99		
5	64QAM	12	0	14.11	14.20	14.05		
5	64QAM	12	7	14.09	14.08	14.10	15.5	0
5	64QAM	12	13	14.08	14.09	14.06		
5	64QAM	25	0	13.92	14.11	14.06		
5	256QAM	1	0	14.02	14.13	14.11		
5	256QAM	1	12	14.02	14.09	14.10	15.5	0
5	256QAM	1	24	14.13	14.12	14.12		
5	256QAM	12	0	14.11	14.24	14.12		
5	256QAM	12	7	14.03	14.15	14.06	15.5	0
5	256QAM	12	13	14.04	14.10	14.03		
5	256QAM	25	0	14.02	14.23	13.97		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	14.13	14.30	14.18		
3	QPSK	1	8	14.11	14.28	14.10	15.5	0
3	QPSK	1	14	14.16	14.21	14.00		
3	QPSK	8	0	14.11	14.19	14.12		
3	QPSK	8	4	14.06	14.18	14.11	15.5	0
3	QPSK	8	7	14.07	14.21	14.12		
3	QPSK	15	0	14.14	14.23	14.11		
3	16QAM	1	0	14.13	14.09	14.02		
3	16QAM	1	8	14.03	14.15	14.12	15.5	0
3	16QAM	1	14	14.09	14.10	13.94		
3	16QAM	8	0	14.12	14.06	14.09		
3	16QAM	8	4	14.01	13.98	14.01	15.5	0
3	16QAM	8	7	14.03	14.03	14.16		
3	16QAM	15	0	14.00	14.16	14.07		
3	64QAM	1	0	14.05	14.10	14.04		
3	64QAM	1	8	13.97	14.07	14.01	15.5	0
3	64QAM	1	14	13.98	14.11	14.09		
3	64QAM	8	0	14.11	14.27	14.01		
3	64QAM	8	4	14.04	14.08	14.11	15.5	0
3	64QAM	8	7	14.00	14.08	14.04		
3	64QAM	15	0	13.92	14.03	14.02		
3	256QAM	1	0	14.07	14.18	14.11		
3	256QAM	1	8	13.99	14.05	14.09	15.5	0
3	256QAM	1	14	14.21	14.20	14.10		
3	256QAM	8	0	14.04	14.18	14.06		
3	256QAM	8	4	14.03	14.08	14.13	15.5	0
3	256QAM	8	7	14.07	14.17	14.02		
3	256QAM	15	0	14.03	14.23	13.96		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	14.12	14.22	14.24		
1.4	QPSK	1	3	14.03	14.28	14.09		
1.4	QPSK	1	5	14.19	14.20	14.01	15.5	0
1.4	QPSK	3	0	14.08	14.19	14.10		
1.4	QPSK	3	1	14.07	14.19	14.13		
1.4	QPSK	3	3	14.08	14.15	14.09		
1.4	QPSK	6	0	14.08	14.15	14.14	15.5	0
1.4	16QAM	1	0	14.13	14.07	13.96		
1.4	16QAM	1	3	14.01	14.16	14.06		
1.4	16QAM	1	5	14.02	14.08	14.00	15.5	0
1.4	16QAM	3	0	14.17	14.07	14.14		
1.4	16QAM	3	1	14.06	14.05	14.06		
1.4	16QAM	3	3	13.99	14.02	14.08		
1.4	16QAM	6	0	14.06	14.19	14.06	15.5	0
1.4	64QAM	1	0	14.09	14.18	14.06		
1.4	64QAM	1	3	13.97	14.06	14.03		
1.4	64QAM	1	5	14.02	14.00	14.00	15.5	0
1.4	64QAM	3	0	14.07	14.16	14.09		
1.4	64QAM	3	1	14.02	14.12	14.10		
1.4	64QAM	3	3	14.01	14.06	13.99		
1.4	64QAM	6	0	14.02	14.01	14.08	15.5	0
1.4	256QAM	1	0	14.12	14.22	14.17		
1.4	256QAM	1	3	13.94	14.15	14.03		
1.4	256QAM	1	5	14.21	14.20	14.08	15.5	0
1.4	256QAM	3	0	14.08	14.26	14.08		
1.4	256QAM	3	1	14.14	14.12	14.13		
1.4	256QAM	3	3	14.06	14.09	13.96		
1.4	256QAM	6	0	14.04	14.23	14.03	15.5	0

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BW [MHz]	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	15.29	15.35	15.33		
20	QPSK	1	49	15.21	15.30	15.23	16.3	0
20	QPSK	1	99	15.24	15.29	15.29		
20	QPSK	50	0	15.17	15.33	15.31		
20	QPSK	50	24	15.24	15.32	15.30	16.3	0
20	QPSK	50	50	15.21	15.25	15.30		
20	QPSK	100	0	15.18	15.29	15.23		
20	16QAM	1	0	15.18	15.24	15.31		
20	16QAM	1	49	15.12	15.29	15.14	16.3	0
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BW [MHz]	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)				1880	1880	1905		
20	QPSK	1	0	15.45	15.50	15.48	16.7	0
20	QPSK	1	49	15.34	15.46	15.38		
20	QPSK	1	99	15.43	15.48	15.44		
20	QPSK	50	0	15.43	15.47	15.40		
20	QPSK	50	24	15.39	15.40	15.45		
20	QPSK	50	50	15.35	15.43	15.38		
20	QPSK	100	0	15.39	15.44	15.42		
20	16QAM	1	0	15.43	15.40	15.40		
20	16QAM	1	49	15.25	15.35	15.37		
20	16QAM	1	99	15.33	15.38	15.35		
20	16QAM	50	0	15.34	15.37	15.30		
20	16QAM	50	24	15.36	15.33	15.41		
20	16QAM	50	50	15.33	15.41	15.32		
20	16QAM	100	0	15.31	15.40	15.37		
20	64QAM	1	0	15.44	15.43	15.42		
20	64QAM	1	49	15.26	15.45	15.27		
20	64QAM	1	99	15.37	15.44	15.43		
20	64QAM	50	0	15.43	15.35	15.39		
20	64QAM	50	24	15.33	15.39	15.35		
20	64QAM	50	50	15.26	15.37	15.32		
20	64QAM	100	0	15.35	15.34	15.41		
20	256QAM	1	0	15.34	15.40	15.40		
20	256QAM	1	49	15.30	15.39	15.37		
20	256QAM	1	99	15.40	15.40	15.43		
20	256QAM	50	0	15.38	15.45	15.39		
20	256QAM	50	24	15.28	15.39	15.33		
20	256QAM	50	50	15.24	15.33	15.28		
20	256QAM	100	0	15.34	15.41	15.32		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	15.36	15.45	15.42	16.7	0
15	QPSK	1	37	15.31	15.34	15.32		
15	QPSK	1	74	15.33	15.40	15.33		
15	QPSK	36	0	15.35	15.47	15.32		
15	QPSK	36	20	15.35	15.32	15.43		
15	QPSK	36	39	15.30	15.41	15.27		
15	QPSK	75	0	15.28	15.39	15.38		
15	16QAM	1	0	15.33	15.36	15.37		
15	16QAM	1	37	15.20	15.28	15.36	16.7	0
15	16QAM	1	74	15.28	15.32	15.30		
15	16QAM	36	0	15.32	15.34	15.20		
15	16QAM	36	20	15.25	15.23	15.33		
15	16QAM	36	39	15.22	15.33	15.22		
15	16QAM	75	0	15.28	15.33	15.33		
15	64QAM	1	0	15.38	15.36	15.33		
15	64QAM	1	37	15.17	15.45	15.23	16.7	0
15	64QAM	1	74	15.26	15.41	15.31		
15	64QAM	36	0	15.38	15.29	15.32		
15	64QAM	36	20	15.31	15.28	15.35	16.7	0
15	64QAM	36	39	15.24	15.35	15.27		
15	64QAM	75	0	15.24	15.31	15.36		
15	256QAM	1	0	15.29	15.32	15.38		
15	256QAM	1	37	15.19	15.35	15.35	16.7	0
15	256QAM	1	74	15.32	15.33	15.43		
15	256QAM	36	0	15.34	15.41	15.36		
15	256QAM	36	20	15.25	15.34	15.25	16.7	0
15	256QAM	36	39	15.13	15.25	15.16		
15	256QAM	75	0	15.30	15.32	15.29		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.35	15.38	15.40	16.7	0
10	QPSK	1	25	15.26	15.44	15.32		
10	QPSK	1	49	15.37	15.40	15.35		
10	QPSK	25	0	15.42	15.44	15.28		
10	QPSK	25	12	15.38	15.40	15.37	16.7	0
10	QPSK	25	25	15.28	15.38	15.29		
10	QPSK	50	0	15.31	15.43	15.31		
10	16QAM	1	0	15.42	15.35	15.31		
10	16QAM	1	25	15.23	15.33	15.32	16.7	0
10	16QAM	1	49	15.22	15.29	15.31		
10	16QAM	25	0	15.32	15.27	15.24		
10	16QAM	25	12	15.31	15.29	15.35	16.7	0
10	16QAM	25	25	15.22	15.32	15.27		
10	16QAM	50	0	15.28	15.38	15.33		
10	64QAM	1	0	15.37	15.33	15.33		
10	64QAM	1	25	15.25	15.37	15.23	16.7	0
10	64QAM	1	49	15.28	15.40	15.39		
10	64QAM	25	0	15.36	15.24	15.33		
10	64QAM	25	12	15.21	15.29	15.32	16.7	0
10	64QAM	25	25	15.23	15.27	15.32		
10	64QAM	50	0	15.32	15.33	15.40		
10	256QAM	1	0	15.22	15.34	15.39		
10	256QAM	1	25	15.27	15.34	15.36	16.7	0
10	256QAM	1	49	15.38	15.38	15.34		
10	256QAM	25	0	15.30	15.41	15.33		
10	256QAM	25	12	15.17	15.34	15.31	16.7	0
10	256QAM	25	25	15.19	15.21	15.21		
10	256QAM	50	0	15.27	15.30	15.28		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	15.35	15.45	15.41	16.7	0
5	QPSK	1	12	15.29	15.42	15.37		
5	QPSK	1	24	15.34	15.45	15.32		
5	QPSK	12	0	15.32	15.39	15.38		
5	QPSK	12	7	15.29	15.30	15.45	16.7	0
5	QPSK	12	13	15.26	15.38	15.31		
5	QPSK	25	0	15.29	15.42	15.41		
5	16QAM	1	0	15.39	15.36	15.34		
5	16QAM	1	12	15.22	15.28	15.34	16.7	0
5	16QAM	1	24	15.31	15.37	15.29		
5	16QAM	12	0	15.34	15.34	15.25		
5	16QAM	12	7	15.32	15.21	15.34	16.7	0
5	16QAM	12	13	15.24	15.39	15.22		
5	16QAM	25	0	15.26	15.33	15.36		
5	64QAM	1	0	15.38	15.40	15.37		
5	64QAM	1	12	15.20	15.35	15.20	16.7	0
5	64QAM	1	24	15.35	15.33	15.40		
5	64QAM	12	0	15.36	15.24	15.31		
5	64QAM	12	7	15.31	15.32	15.26	16.7	0
5	64QAM	12	13	15.24	15.34	15.21		
5	64QAM	25	0	15.24	15.34	15.35		
5	256QAM	1	0	15.22	15.30	15.38		
5	256QAM	1	12	15.24	15.31	15.26	16.7	0
5	256QAM	1	24	15.37	15.35	15.35		
5	256QAM	12	0	15.32	15.43	15.36		
5	256QAM	12	7	15.18	15.33	15.23	16.7	0
5	256QAM	12	13	15.24	15.24	15.16		
5	256QAM	25	0	15.31	15.31	15.27		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.44	15.39	15.40	16.7	0
3	QPSK	1	8	15.26	15.46	15.33		
3	QPSK	1	14	15.33	15.42	15.37		
3	QPSK	8	0	15.39	15.38	15.35		
3	QPSK	8	4	15.35	15.33	15.44	16.7	0
3	QPSK	8	7	15.28	15.41	15.30		
3	QPSK	15	0	15.32	15.37	15.38		
3	16QAM	1	0	15.34	15.38	15.30		
3	16QAM	1	8	15.23	15.29	15.31	16.7	0
3	16QAM	1	14	15.27	15.27	15.29		
3	16QAM	8	0	15.27	15.31	15.22		
3	16QAM	8	4	15.26	15.22	15.36	16.7	0
3	16QAM	8	7	15.31	15.37	15.28		
3	16QAM	15	0	15.22	15.29	15.37		
3	64QAM	1	0	15.41	15.36	15.34		
3	64QAM	1	8	15.24	15.34	15.25	16.7	0
3	64QAM	1	14	15.32	15.35	15.36		
3	64QAM	8	0	15.37	15.31	15.35		
3	64QAM	8	4	15.30	15.35	15.31	16.7	0
3	64QAM	8	7	15.17	15.36	15.30		
3	64QAM	15	0	15.29	15.32	15.31		
3	256QAM	1	0	15.27	15.38	15.33		
3	256QAM	1	8	15.24	15.36	15.31	16.7	0
3	256QAM	1	14	15.30	15.32	15.37		
3	256QAM	8	0	15.26	15.44	15.32		
3	256QAM	8	4	15.19	15.39	15.25	16.7	0
3	256QAM	8	7	15.14	15.23	15.23		
3	256QAM	15	0	15.31	15.30	15.29		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.42	15.40	15.36	16.7	0
1.4	QPSK	1	3	15.33	15.36	15.35		
1.4	QPSK	1	5	15.35	15.37	15.36		
1.4	QPSK	3	0	15.40	15.46	15.38		
1.4	QPSK	3	1	15.29	15.29	15.42		
1.4	QPSK	3	3	15.26	15.37	15.29		
1.4	QPSK	6	0	15.35	15.39	15.39	16.7	0
1.4	16QAM	1	0	15.41	15.29	15.40	16.7	0
1.4	16QAM	1	3	15.23	15.35	15.36		
1.4	16QAM	1	5	15.29	15.32	15.24		
1.4	16QAM	3	0	15.33	15.26	15.28		
1.4	16QAM	3	1	15.26	15.25	15.39		
1.4	16QAM	3	3	15.25	15.35	15.26		
1.4	16QAM	6	0	15.28	15.28	15.27	16.7	0
1.4	64QAM	1	0	15.40	15.32	15.42	16.7	0
1.4	64QAM	1	3	15.26	15.44	15.25		
1.4	64QAM	1	5	15.35	15.39	15.39		
1.4	64QAM	3	0	15.32	15.33	15.35		
1.4	64QAM	3	1	15.24	15.30	15.23		
1.4	64QAM	3	3	15.22	15.30	15.26		
1.4	64QAM	6	0	15.26	15.23	15.31	16.7	0
1.4	256QAM	1	0	15.31	15.35	15.39	16.7	0
1.4	256QAM	1	3	15.21	15.29	15.34		
1.4	256QAM	1	5	15.39	15.36	15.32		
1.4	256QAM	3	0	15.27	15.38	15.35		
1.4	256QAM	3	1	15.23	15.29	15.28		
1.4	256QAM	3	3	15.19	15.25	15.17		
1.4	256QAM	6	0	15.30	15.35	15.28	16.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		18.42		19.5	0
10	QPSK	1	25		18.38			
10	QPSK	1	49		18.36			
10	QPSK	25	0		18.40			
10	QPSK	25	12		18.37		19.5	0
10	QPSK	25	25		18.35			
10	QPSK	50	0		18.33			
10	16QAM	1	0		18.32			
10	16QAM	1	25		18.33		19.5	0
10	16QAM	1	49		18.22			
10	16QAM	25	0		18.32			
10	16QAM	25	12		18.22		19.5	0
10	16QAM	25	25		18.22			
10	16QAM	50	0		18.23			
10	64QAM	1	0		18.31			
10	64QAM	1	25		18.34		19.5	0
10	64QAM	1	49		18.30			
10	64QAM	25	0		18.31			
10	64QAM	25	12		18.29		19.5	0
10	64QAM	25	25		18.29			
10	64QAM	50	0		18.24			
10	256QAM	1	0		17.94			
10	256QAM	1	25		17.93		19	0.5
10	256QAM	1	49		17.90			
10	256QAM	25	0		17.98			
10	256QAM	25	12		17.98		19	0.5
10	256QAM	25	25		17.91			
10	256QAM	50	0		17.84			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	18.34	18.36	18.27	19.5	0
5	QPSK	1	12	18.31	18.27	18.33		
5	QPSK	1	24	18.22	18.25	18.31		
5	QPSK	12	0	18.36	18.31	18.32	19.5	0
5	QPSK	12	7	18.26	18.30	18.30		
5	QPSK	12	13	18.25	18.20	18.20		
5	QPSK	25	0	18.29	18.25	18.29		
5	16QAM	1	0	18.26	18.22	18.19	19.5	0
5	16QAM	1	12	18.27	18.22	18.20		
5	16QAM	1	24	18.12	18.18	18.15		
5	16QAM	12	0	18.25	18.26	18.24	19.5	0
5	16QAM	12	7	18.15	18.14	18.08		
5	16QAM	12	13	18.12	18.13	18.15		
5	16QAM	25	0	18.10	18.10	18.12		
5	64QAM	1	0	18.16	18.20	18.19	19.5	0
5	64QAM	1	12	18.22	18.23	18.30		
5	64QAM	1	24	18.21	18.21	18.16		
5	64QAM	12	0	18.18	18.24	18.23	19.5	0
5	64QAM	12	7	18.18	18.19	18.14		
5	64QAM	12	13	18.14	18.21	18.18		
5	64QAM	25	0	18.11	18.18	18.14		
5	256QAM	1	0	17.88	17.90	17.84	19	0.5
5	256QAM	1	12	17.84	17.87	17.88		
5	256QAM	1	24	17.78	17.86	17.77		
5	256QAM	12	0	17.90	17.86	17.92	19	0.5
5	256QAM	12	7	17.89	17.93	17.86		
5	256QAM	12	13	17.88	17.86	17.80		
5	256QAM	25	0	17.82	17.78	17.81		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	14.28	14.35	14.30	15.5	0
20	QPSK	1	49	14.18	14.33	14.25		
20	QPSK	1	99	14.23	14.32	14.20		
20	QPSK	50	0	14.24	14.33	14.26		
20	QPSK	50	24	14.23	14.30	14.27		
20	QPSK	50	50	14.19	14.27	14.25		
20	QPSK	100	0	14.26	14.28	14.24		
20	16QAM	1	0	14.27	14.26	14.19		
20	16QAM	1	49	14.13	14.26	14.23		
20	16QAM	1	99	14.22	14.26	14.11		
20	16QAM	50	0	14.23	14.21	14.21		
20	16QAM	50	24	14.21	14.19	14.19		
20	16QAM	50	50	14.08	14.16	14.25		
20	16QAM	100	0	14.19	14.26	14.15		
20	64QAM	1	0	14.19	14.27	14.18		
20	64QAM	1	49	14.12	14.24	14.14		
20	64QAM	1	99	14.16	14.23	14.15		
20	64QAM	50	0	14.15	14.30	14.20		
20	64QAM	50	24	14.17	14.26	14.27		
20	64QAM	50	50	14.16	14.22	14.18		
20	64QAM	100	0	14.15	14.18	14.20		
20	256QAM	1	0	14.24	14.24	14.24		
20	256QAM	1	49	14.06	14.28	14.23		
20	256QAM	1	99	14.26	14.29	14.18		
20	256QAM	50	0	14.22	14.30	14.14		
20	256QAM	50	24	14.18	14.30	14.18		
20	256QAM	50	50	14.11	14.23	14.13		
20	256QAM	100	0	14.20	14.23	14.12		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	14.25	14.29	14.29	15.5	0
15	QPSK	1	37	14.08	14.30	14.17		
15	QPSK	1	74	14.18	14.30	14.19		
15	QPSK	36	0	14.16	14.30	14.18		
15	QPSK	36	20	14.17	14.27	14.20		
15	QPSK	36	39	14.18	14.16	14.15		
15	QPSK	75	0	14.25	14.22	14.23		
15	16QAM	1	0	14.17	14.23	14.17		
15	16QAM	1	37	14.13	14.18	14.14		
15	16QAM	1	74	14.13	14.25	14.02		
15	16QAM	36	0	14.20	14.13	14.14		
15	16QAM	36	20	14.15	14.14	14.13		
15	16QAM	36	39	14.05	14.09	14.15		
15	16QAM	75	0	14.11	14.22	14.08		
15	64QAM	1	0	14.17	14.17	14.16		
15	64QAM	1	37	14.01	14.18	14.13		
15	64QAM	1	74	14.16	14.12	14.07		
15	64QAM	36	0	14.04	14.20	14.19		
15	64QAM	36	20	14.17	14.22	14.21		
15	64QAM	36	39	14.15	14.11	14.16		
15	64QAM	75	0	14.03	14.17	14.13		
15	256QAM	1	0	14.13	14.22	14.14		
15	256QAM	1	37	13.99	14.19	14.22		
15	256QAM	1	74	14.17	14.25	14.12		
15	256QAM	36	0	14.18	14.24	14.06		
15	256QAM	36	20	14.15	14.21	14.13		
15	256QAM	36	39	14.07	14.14	14.01		
15	256QAM	75	0	14.13	14.16	14.02		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	14.20	14.24	14.29	15.5	0
10	QPSK	1	25	14.06	14.33	14.14		
10	QPSK	1	49	14.20	14.22	14.10		
10	QPSK	25	0	14.23	14.26	14.20		
10	QPSK	25	12	14.12	14.27	14.25	15.5	0
10	QPSK	25	25	14.15	14.17	14.23		
10	QPSK	50	0	14.24	14.19	14.19		
10	16QAM	1	0	14.23	14.20	14.15		
10	16QAM	1	25	14.06	14.14	14.13	15.5	0
10	16QAM	1	49	14.21	14.23	14.09		
10	16QAM	25	0	14.17	14.10	14.14		
10	16QAM	25	12	14.10	14.07	14.11	15.5	0
10	16QAM	25	25	13.96	14.11	14.17		
10	16QAM	50	0	14.16	14.25	14.11		
10	64QAM	1	0	14.13	14.18	14.06		
10	64QAM	1	25	14.07	14.13	14.08	15.5	0
10	64QAM	1	49	14.06	14.23	14.10		
10	64QAM	25	0	14.06	14.29	14.12		
10	64QAM	25	12	14.13	14.23	14.18	15.5	0
10	64QAM	25	25	14.09	14.15	14.17		
10	64QAM	50	0	14.07	14.17	14.13		
10	256QAM	1	0	14.19	14.19	14.24		
10	256QAM	1	25	13.96	14.18	14.20	15.5	0
10	256QAM	1	49	14.24	14.25	14.15		
10	256QAM	25	0	14.15	14.25	14.10		
10	256QAM	25	12	14.17	14.23	14.06	15.5	0
10	256QAM	25	25	14.06	14.17	14.09		
10	256QAM	50	0	14.19	14.13	14.08		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	14.24	14.27	14.21	15.5	0
5	QPSK	1	12	14.16	14.27	14.22		
5	QPSK	1	24	14.25	14.30	14.19		
5	QPSK	12	0	14.21	14.26	14.16		
5	QPSK	12	7	14.15	14.21	14.21	15.5	0
5	QPSK	12	13	14.13	14.17	14.20		
5	QPSK	25	0	14.19	14.17	14.16		
5	16QAM	1	0	14.23	14.17	14.10		
5	16QAM	1	12	14.13	14.20	14.19	15.5	0
5	16QAM	1	24	14.13	14.26	14.06		
5	16QAM	12	0	14.19	14.12	14.18		
5	16QAM	12	7	14.12	14.18	14.15	15.5	0
5	16QAM	12	13	14.03	14.12	14.24		
5	16QAM	25	0	14.08	14.23	14.14		
5	64QAM	1	0	14.10	14.26	14.08		
5	64QAM	1	12	14.03	14.23	14.13	15.5	0
5	64QAM	1	24	14.08	14.13	14.15		
5	64QAM	12	0	14.15	14.29	14.14		
5	64QAM	12	7	14.13	14.17	14.19	15.5	0
5	64QAM	12	13	14.10	14.12	14.14		
5	64QAM	25	0	14.15	14.09	14.17		
5	256QAM	1	0	14.14	14.18	14.14		
5	256QAM	1	12	13.95	14.27	14.13	15.5	0
5	256QAM	1	24	14.20	14.21	14.15		
5	256QAM	12	0	14.11	14.29	14.08		
5	256QAM	12	7	14.16	14.25	14.07	15.5	0
5	256QAM	12	13	14.08	14.11	14.03		
5	256QAM	25	0	14.19	14.20	14.10		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	14.24	14.23	14.25	15.5	0
3	QPSK	1	8	14.14	14.32	14.18		
3	QPSK	1	14	14.18	14.31	14.15		
3	QPSK	8	0	14.14	14.22	14.16		
3	QPSK	8	4	14.14	14.21	14.17	15.5	0
3	QPSK	8	7	14.16	14.26	14.15		
3	QPSK	15	0	14.22	14.22	14.18		
3	16QAM	1	0	14.16	14.21	14.19		
3	16QAM	1	8	14.04	14.17	14.18	15.5	0
3	16QAM	1	14	14.18	14.23	14.01		
3	16QAM	8	0	14.15	14.20	14.14		
3	16QAM	8	4	14.13	14.13	14.18	15.5	0
3	16QAM	8	7	13.98	14.14	14.24		
3	16QAM	15	0	14.09	14.25	14.13		
3	64QAM	1	0	14.16	14.16	14.07		
3	64QAM	1	8	14.11	14.22	14.05	15.5	0
3	64QAM	1	14	14.15	14.13	14.05		
3	64QAM	8	0	14.09	14.20	14.17		
3	64QAM	8	4	14.09	14.20	14.27	15.5	0
3	64QAM	8	7	14.14	14.13	14.08		
3	64QAM	15	0	14.14	14.13	14.13		
3	256QAM	1	0	14.20	14.23	14.14		
3	256QAM

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BW [MHz]	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)				2586	2596	2610		
20	QPSK	1	0	18.06	18.11	18.05	18.7	0
20	QPSK	1	49	18.01	18.00	17.97		
20	QPSK	1	99	17.88	18.01	17.94		
20	QPSK	50	0	17.86	18.10	17.90	18.7	0
20	QPSK	50	24	17.89	18.03	17.92		
20	QPSK	50	50	18.00	17.95	18.01		
20	QPSK	100	0	17.90	18.08	17.98		
20	16QAM	1	0	17.89	17.90	17.90	18.7	0
20	16QAM	1	49	17.92	17.92	17.84		
20	16QAM	1	99	17.81	17.82	17.78		
20	16QAM	50	0	17.75	17.98	17.89	18.7	0
20	16QAM	50	24	17.87	17.89	17.87		
20	16QAM	50	50	17.86	17.91	17.85		
20	16QAM	100	0	17.77	17.92	17.81		
20	64QAM	1	0	17.91	18.04	18.07	18.7	0
20	64QAM	1	49	17.97	17.82	17.88		
20	64QAM	1	99	17.78	17.95	17.86		
20	64QAM	50	0	17.81	18.06	17.85	18.7	0
20	64QAM	50	24	17.83	17.91	17.82		
20	64QAM	50	50	17.85	17.84	17.87		
20	64QAM	100	0	17.76	17.94	17.95		
20	256QAM	1	0	18.04	17.92	17.85	18.7	0
20	256QAM	1	49	17.89	17.97	17.86		
20	256QAM	1	99	17.71	17.95	17.80		
20	256QAM	50	0	17.78	18.04	17.90	18.7	0
20	256QAM	50	24	17.81	17.81	17.87		
20	256QAM	50	50	17.89	17.84	17.89		
20	256QAM	100	0	17.73	17.89	17.79		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	18.06	18.00	18.04	18.7	0
15	QPSK	1	37	17.89	17.87	17.94		
15	QPSK	1	74	17.93	17.86	17.98		
15	QPSK	36	0	18.06	17.83	18.03	18.7	0
15	QPSK	36	20	17.98	17.91	17.95		
15	QPSK	36	39	17.86	18.01	17.99		
15	QPSK	75	0	18.08	17.95	17.96		
15	16QAM	1	0	17.88	17.84	17.94	18.7	0
15	16QAM	1	37	17.86	17.75	17.95		
15	16QAM	1	74	17.76	17.78	17.85		
15	16QAM	36	0	17.97	17.84	17.95	18.7	0
15	16QAM	36	20	17.88	17.82	18.01		
15	16QAM	36	39	17.81	17.76	17.91		
15	16QAM	75	0	17.86	17.72	17.85		
15	64QAM	1	0	18.04	18.04	18.04	18.7	0
15	64QAM	1	37	17.79	17.77	17.92		
15	64QAM	1	74	17.92	17.81	17.95		
15	64QAM	36	0	18.00	17.73	17.92	18.7	0
15	64QAM	36	20	17.85	17.72	17.85		
15	64QAM	36	39	17.76	17.80	17.86		
15	64QAM	75	0	17.86	17.94	17.99		
15	256QAM	1	0	17.85	17.74	17.91	18.7	0
15	256QAM	1	37	17.94	17.78	17.82		
15	256QAM	1	74	17.87	17.70	17.84		
15	256QAM	36	0	18.01	17.82	17.83	18.7	0
15	256QAM	36	20	17.70	17.85	17.98		
15	256QAM	36	39	17.74	17.81	17.95		
15	256QAM	75	0	17.87	17.78	17.91		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2615		
10	QPSK	1	0	18.09	18.04	18.05	18.7	0
10	QPSK	1	25	17.90	17.87	17.95		
10	QPSK	1	49	17.98	17.82	17.94		
10	QPSK	25	0	18.03	17.79	17.95	18.7	0
10	QPSK	25	12	17.98	17.91	17.95		
10	QPSK	25	25	17.93	17.95	17.96		
10	QPSK	50	0	18.05	17.94	17.98		
10	16QAM	1	0	17.83	17.81	17.97	18.7	0
10	16QAM	1	25	17.91	17.74	17.83		
10	16QAM	1	49	17.80	17.69	17.79		
10	16QAM	25	0	17.89	17.77	17.92	18.7	0
10	16QAM	25	12	17.86	17.77	17.97		
10	16QAM	25	25	17.86	17.79	17.97		
10	16QAM	50	0	17.82	17.81	17.84		
10	64QAM	1	0	18.03	18.03	18.04	18.7	0
10	64QAM	1	25	17.71	17.88	17.86		
10	64QAM	1	49	17.92	17.85	17.86		
10	64QAM	25	0	17.96	17.84	17.95	18.7	0
10	64QAM	25	12	17.91	17.72	17.88		
10	64QAM	25	25	17.75	17.82	17.90		
10	64QAM	50	0	17.85	17.94	17.98		
10	256QAM	1	0	17.81	17.84	17.93	18.7	0
10	256QAM	1	25	17.89	17.75	17.79		
10	256QAM	1	49	17.87	17.70	17.85		
10	256QAM	25	0	18.01	17.84	17.94	18.7	0
10	256QAM	25	12	17.80	17.78	17.95		
10	256QAM	25	25	17.75	17.85	17.88		
10	256QAM	50	0	17.84	17.70	17.89		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	18.01	18.05	18.09	18.7	0
5	QPSK	1	12	17.91	17.90	17.91		
5	QPSK	1	24	17.97	17.84	17.88		
5	QPSK	12	0	18.05	17.79	17.95	18.7	0
5	QPSK	12	7	17.97	17.81	17.97		
5	QPSK	12	13	17.86	17.97	18.00		
5	QPSK	25	0	18.05	17.91	17.96		
5	16QAM	1	0	17.87	17.82	17.91	18.7	0
5	16QAM	1	12	17.81	17.81	17.88		
5	16QAM	1	24	17.81	17.71	17.81		
5	16QAM	12	0	17.95	17.79	17.93	18.7	0
5	16QAM	12	7	17.87	17.77	18.00		
5	16QAM	12	13	17.81	17.84	17.92		
5	16QAM	25	0	17.87	17.72	17.84		
5	64QAM	1	0	18.03	17.99	18.07	18.7	0
5	64QAM	1	12	17.79	17.82	17.86		
5	64QAM	1	24	17.84	17.77	17.85		
5	64QAM	12	0	18.00	17.77	17.93	18.7	0
5	64QAM	12	7	17.88	17.73	17.85		
5	64QAM	12	13	17.73	17.86	17.88		
5	64QAM	25	0	17.88	17.92	17.89		
5	256QAM	1	0	17.85	17.75	18.00	18.7	0
5	256QAM	1	12	17.94	17.81	17.80		
5	256QAM	1	24	17.89	17.73	17.90		
5	256QAM	12	0	17.98	17.89	17.93	18.7	0
5	256QAM	12	7	17.79	17.78	17.93		
5	256QAM	12	13	17.77	17.87	17.87		
5	256QAM	25	0	17.82	17.70	17.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.16	18.12	18.20	18.14	18.15	18.7	0
20	QPSK	1	49	18.12	18.07	18.09	18.03	18.08		
20	QPSK	1	99	18.02	17.98	18.11	17.99	18.06		
20	QPSK	50	0	18.11	17.97	18.15	18.04	18.00	18.7	0
20	QPSK	50	24	18.08	17.99	18.10	18.05	18.01		
20	QPSK	50	50	18.04	18.06	18.07	18.06	18.08		
20	QPSK	100	0	18.05	17.99	18.12	18.04	18.08		
20	16QAM	1	0	18.06	17.99	18.05	18.03	18.10	18.7	0
20	16QAM	1	49	18.01	18.01	17.97	17.95	17.94		
20	16QAM	1	99	17.90	17.87	17.97	17.88	17.94		
20	16QAM	50	0	17.99	17.86	18.03	17.96	17.90	18.7	0
20	16QAM	50	24	18.01	17.92	18.00	18.01	17.96		
20	16QAM	50	50	17.99	17.93	18.01	18.00	18.05		
20	16QAM	100	0	17.96	17.86	18.05	17.93	17.98		
20	64QAM	1	0	18.11	17.97	18.08	18.11	18.09	18.7	0
20	64QAM	1	49	17.98	18.02	17.96	17.92	18.03		
20	64QAM	1	99	17.91	17.93	18.02	17.95	17.96		
20	64QAM	50	0	18.04	17.85	18.09	17.97	17.92	18.7	0
20	64QAM	50	24	18.03	17.90	18.04	17.92	17.86		
20	64QAM	50	50	17.91	17.91	17.99	17.92	17.97		
20	64QAM	100	0	17.98	17.88	18.07	18.00	17.97		
20	256QAM	1	0	18.03	18.08	18.05	18.00	18.10	18.7	0
20	256QAM	1	49	18.09	18.00	18.04	17.90	17.96		
20	256QAM	1	99	17.93	17.85	17.99	17.93	17.99		
20	256QAM	50	0	18.05	17.88	18.11	17.94	17.85	18.7	0
20	256QAM	50	24	17.97	17.94	17.96	18.01	17.87		
20	256QAM	50	50	17.90	17.99	17.99	17.97	18.04		
20	256QAM	100	0	18.02	17.88	18.02	17.92	18.03		
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	18.07	18.06	18.12	18.01	18.08	19	0
15	QPSK	1	37	17.99	18.02	18.02	17.96	18.01		
15	QPSK	1	74	17.89	17.87	18.00	17.91	18.00		
15	QPSK	36	0	17.99	17.88	18.06	18.01	17.96	18.7	0
15	QPSK	36	20	18.04	17.91	18.01	17.99	17.88		
15	QPSK	36	39	18.01	17.99	17.98	18.01	17.97		
15	QPSK	75	0	17.98	17.94	18.04	17.92	17.99		
15	16QAM	1	0	17.96	17.89	18.00	17.96	17.97	18.7	0
15	16QAM	1	37	17.98	17.97	17.91	17.85	17.87		
15	16QAM	1	74	17.82	17.79	17.85	17.82	17.82		
15	16QAM	36	0	17.89	17.78	17.98	17.90	17.85	18.7	0
15	16QAM	36	20	17.95	17.86	17.92	17.96	17.93		
15	16QAM	36	39	17.93	17.88	17.87	17.85	18.00		
15	16QAM	75	0	17.92	17.75	18.01	17.89	17.90		
15	64QAM	1	0	18.03	17.91	18.03	18.02	17.97	18.7	0
15	64QAM	1	37	17.92	17.88	17.88	17.83	17.97		
15	64QAM	1	74	17.80	17.89	17.89	17.89	17.85		
15	64QAM	36	0	17.91	17.74	18.01	17.87	17.79	18.7	0
15	64QAM	36	20	17.99	17.79	17.95	17.85	17.72		
15	64QAM	36	39	17.78	17.81	17.96	17.81	17.85		
15	64QAM	75	0	17.90	17.83	17.93	17.92	17.90		
15	256QAM	1	0	17.95	17.95	18.01	17.87	17.98	18.7	0
15	256QAM	1	37	18.02	17.89	17.95	17.84	17.89		
15	256QAM	1	74	17.82	17.73	17.94	17.80	17.95		
15	256QAM	36	0	17.90	17.76	18.01	17.85	17.70	18.7	0
15	256QAM	36	20	17.86	17.84	17.90	17.91	17.83		
15	256QAM	36	39	17.80	17.85	17.92	17.85	18.00		
15	256QAM	75	0	17.90	17.76	17.88	17.79	17.91		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.08	18.03	18.12	18.09	18.02	19	0
10	QPSK	1	25	18.07	18.02	17.95	17.96	17.98		
10	QPSK	1	49	17.96	17.88	18.07	17.95	17.96		
10	QPSK	25	0	18.05	17.93	18.03	17.98	17.92	18.7	0
10	QPSK	25	12	17.93	17.91	18.05	17.99	17.92		
10	QPSK	25	25	18.00	17.98	18.00	17.91	17.99		
10	QPSK	50	0	17.96	17.90	18.08	17.95	17.96		
10	16QAM	1	0	17.95	17.84	17.96	17.96	18.02	18.7	0
10	16QAM	1	25	17.95	17.96	17.88	17.87	17.83		
10	16QAM	1	49	17.80	17.84	17.90	17.82	17.87		
10	16QAM	25	0	17.87	17.74	17.90	17.93	17.84	18.7	0
10	16QAM	25	12	17.97	17.87	17.86	17.96	17.87		
10	16QAM	25	25	17.96	17.83	17.97	17.85	17.97		
10	16QAM	50	0	17.81	17.83	17.95	17.84	17.87		
10	64QAM	1	0	18.07	17.90	18.00	17.96	18.06	18.7	0
10	64QAM	1	25	17.89	17.90	17.88	17.86	17.89		
10	64QAM	1	49	17.84	17.83	17.94	17.92	17.88		
10	64QAM	25	0	17.91	17.82	17.94	17.92	17.86	18.7	0
10	64QAM	25	12	17.99	17.78	17.94	17.78	17.71		
10	64QAM	25	25	17.78	17.87	17.90	17.81	17.89		
10	64QAM	50	0	17.86	17.82	17.94	17.89	17.84		
10	256QAM	1	0	17.99	18.00	17.99	17.89	17.99	18.7	0
10	256QAM	1	25	17.97	17.86	17.90	17.75	17.93		
10	256QAM	1	49	17.81	17.74	17.88	17.86	17.91		
10	256QAM	25	0	17.99	17.80	17.98	17.86	17.71	18.7	0
10	256QAM	25	12	17.85	17.91	17.88	17.93	17.81		
10	256QAM	25	25	17.76	17.95	17.90	17.91	17.96		
10	256QAM	50	0	17.88	17.76	17.95	17.89	17.91		
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	18.06	18.07	18.07	18.02	18.01	19	0
5	QPSK	1	12	18.07	17.99	18.06	17.98	17.99		
5	QPSK	1	24	17.94	17.92	17.98	17.89	17.93		
5	QPSK	12	0	18.06	17.89	18.00	18.01	17.87	18.7	0
5	QPSK	12	7	17.93	17.89	17.99	17.95	17.92		
5	QPSK	12	13	17.96	18.02	17.94	18.00	17.98		
5	QPSK	25	0	17.99	17.87	18.07	17.92	17.96		
5	16QAM	1	0	18.00	17.91	17.92	17.89	18.05	18.7	0
5	16QAM	1	12	17.91	17.96	17.88	17.90	17.81		
5	16QAM	1	24	17.79	17.73	17.91	17.84	17.85		
5	16QAM	12	0	17.86	17.73	17.91	17.91	17.77	18.7	0
5	16QAM	12	7	17.88	17.79	17.86	17.97	17.93		
5	16QAM	12	13	17.93	17.87	17.93	17.93	17.95		
5	16QAM	25	0	17.83	17.72	17.99	17.85	17.94		
5	64QAM	1	0	18.01	17.84	18.04	17.99	17.96	18.7	0
5	64QAM	1	12	17.83	17.95	17.83	17.89	17.89		
5	64QAM	1	24	17.82	17.86	17.88	17.81	17.83		
5	64QAM	12	0	17.89	17.80	17.96	17.85	17.84	18.7	0
5	64QAM	12	7	17.89	17.87	17.99	17.88	17.81		
5	64QAM	12	13	17.83	17.80	17.92	17.80	17.85		
5	64QAM	25	0	17.86	17.82	17.94	17.90	17.86		
5	256QAM	1	0	17.90	18.05	17.97	17.97	18.06	18.7	0
5	256QAM	1	12	18.02	17.96	18.00	17.75	17.81		
5	256QAM	1	24	17.82	17.78	17.92	17.82	17.91		
5	256QAM	12	0	17.90	17.74	18.08	17.83	17.74	18.7	0
5	256QAM	12	7	17.90	17.86	17.90	17.95	17.78		
5	256QAM	12	13	17.77	17.85	17.94	17.93	17.91		
5	256QAM	25	0	17.91	17.78	17.89	17.83	17.92		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.38	19.42	19.45	19.39	19.41	20.3	0
20	QPSK	1	49	19.37	19.37	19.35	19.37	19.38		
20	QPSK	1	99	19.37	19.39	19.33	19.27	19.31		
20	QPSK	50	0	19.30	19.35	19.41	19.31	19.32	20.3	0
20	QPSK	50	24	19.31	19.31	19.38	19.39	19.31		
20	QPSK	50	50	19.31	19.36	19.34	19.37	19.34		
20	QPSK	100	0	19.38	19.34	19.39	19.32	19.38		
20	16QAM	1	0	19.24	19.33	19.32	19.28	19.30	20.3	0
20	16QAM	1	49	19.26	19.30	19.25	19.25	19.28		
20	16QAM	1	99	19.33	19.34	19.19	19.13	19.25		
20	16QAM	50	0	19.21	19.27	19.38	19.21	19.20	20.3	0
20	16QAM	50	24	19.22	19.16	19.33	19.26	19.19		
20	16QAM	50	50	19.26	19.24	19.25	19.28	19.30		
20	16QAM	100	0	19.28	19.21	19.34	19.19	19.35		
20	64QAM	1	0	19.32	19.29	19.30	19.34	19.26	20.3	0
20	64QAM	1	49	19.26	19.27	19.21	19.33	19.32		
20	64QAM	1	99	19.26	19.31	19.28	19.17	19.18		
20	64QAM	50	0	19.19	19.24	19.37	19.21	19.25	20.3	0
20	64QAM	50	24	19.18	19.18	19.29	19.34	19.18		
20	64QAM	50	50	19.25	19.22	19.25	19.22	19.22		
20	64QAM	100	0	19.26	19.21	19.29	19.28	19.28		
20	256QAM	1	0	19.34	19.29	19.38	19.33	19.37	20.3	0
20	256QAM	1	49	19.23	19.30	19.31	19.25	19.29		
20	256QAM	1	99	19.26	19.29	19.25	19.24	19.20		
20	256QAM	50	0	19.22	19.24	19.34	19.23	19.18	20.3	0
20	256QAM	50	24	19.19	19.17	19.26	19.34	19.27		
20	256QAM	50	50	19.20	19.27	19.24	19.33	19.20		
20	256QAM	100	0	19.30	19.23	19.27	19.26	19.28		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.23	19.34	19.33	19.33	19.32	20	0
15	QPSK	1	37	19.34	19.30	19.21	19.31	19.33		
15	QPSK	1	74	19.31	19.35	19.27	19.17	19.24		
15	QPSK	36	0	19.24	19.27	19.36	19.21	19.25	20.3	0
15	QPSK	36	20	19.22	19.19	19.31	19.31	19.19		
15	QPSK	36	39	19.25	19.24	19.25	19.30	19.30		
15	QPSK	75	0	19.23	19.24	19.31	19.22	19.24		
15	16QAM	1	0	19.21	19.19	19.28	19.21	19.26	20.3	0
15	16QAM	1	37	19.17	19.22	19.17	19.17	19.23		
15	16QAM	1	74	19.26	19.20	19.05	19.08	19.18		
15	16QAM	36	0	19.13	19.13	19.26	19.08	19.17	20.3	0
15	16QAM	36	20	19.08	19.08	19.29	19.22	19.09		
15	16QAM	36	39	19.21	19.21	19.17	19.22	19.26		
15	16QAM	75	0	19.18	19.13	19.20	19.12	19.25		
15	64QAM	1	0	19.26	19.18	19.18	19.27	19.18	20.3	0
15	64QAM	1	37	19.22	19.23	19.11	19.23	19.27		
15	64QAM	1	74	19.22	19.18	19.18	19.05	19.04		
15	64QAM	36	0	19.10	19.20	19.29	19.17	19.13	20.3	0
15	64QAM	36	20	19.14	19.04	19.21	19.27	19.08		
15	64QAM	36	39	19.21	19.10	19.11	19.13	19.16		
15	64QAM	75	0	19.21	19.07	19.24	19.18	19.24		
15	256QAM	1	0	19.26	19.18	19.34	19.28	19.32	20.3	0
15	256QAM	1	37	19.13	19.24	19.28	19.14	19.15		
15	256QAM	1	74	19.21	19.19	19.16	19.13	19.12		
15	256QAM	36	0	19.12	19.18	19.28	19.13	19.10	20.3	0
15	256QAM	36	20	19.12	19.12	19.16	19.20	19.18		
15	256QAM	36	39	19.07	19.15	19.17	19.22	19.08		
15	256QAM	75	0	19.15	19.19	19.19	19.11	19.20		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.35	19.30	19.41	19.31	19.35	20	0
10	QPSK	1	25	19.33	19.33	19.29	19.23	19.30		
10	QPSK	1	49	19.28	19.34	19.23	19.17	19.28		
10	QPSK	25	0	19.18	19.26	19.32	19.19	19.23	20.3	0
10	QPSK	25	12	19.27	19.27	19.28	19.35	19.26		
10	QPSK	25	25	19.27	19.32	19.24	19.26	19.25		
10	QPSK	50	0	19.35	19.30	19.29	19.18	19.32		
10	16QAM	1	0	19.15	19.30	19.24	19.23	19.18	20.3	0
10	16QAM	1	25	19.21	19.21	19.11	19.10	19.22		
10	16QAM	1	49	19.26	19.28	19.07	19.02	19.13		
10	16QAM	25	0	19.08	19.16	19.28	19.06	19.09	20.3	0
10	16QAM	25	12	19.10	19.12	19.19	19.22	19.05		
10	16QAM	25	25	19.20	19.17	19.10	19.20	19.24		
10	16QAM	50	0	19.18	19.17	19.22	19.13	19.27		
10	64QAM	1	0	19.24	19.21	19.16	19.26	19.22	20.3	0
10	64QAM	1	25	19.19	19.17	19.07	19.27	19.24		
10	64QAM	1	49	19.20	19.20	19.15	19.12	19.09		
10	64QAM	25	0	19.14	19.12	19.25	19.13	19.12	20.3	0
10	64QAM	25	12	19.09	19.04	19.20	19.24	19.10		
10	64QAM	25	25	19.12	19.12	19.19	19.07	19.09		
10	64QAM	50	0	19.22	19.08	19.15	19.16	19.17		
10	256QAM	1	0	19.29	19.25	19.33	19.18	19.24	20.3	0
10	256QAM	1	25	19.15	19.21	19.19	19.21	19.24		
10	256QAM	1	49	19.16	19.22	19.20	19.16	19.08		
10	256QAM	25	0	19.19	19.13	19.22	19.14	19.09	20.3	0
10	256QAM	25	12	19.10	19.07	19.16	19.28	19.20		
10	256QAM	25	25	19.13	19.17	19.15	19.22	19.07		
10	256QAM	50	0	19.20	19.09	19.22	19.12	19.21		
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	19.25	19.36	19.39	19.32	19.28	20	0
5	QPSK	1	12	19.27	19.28	19.25	19.29	19.31		
5	QPSK	1	24	19.26	19.27	19.29	19.16	19.25		
5	QPSK	12	0	19.24	19.31	19.30	19.28	19.18	20.3	0
5	QPSK	12	7	19.21	19.18	19.35	19.25	19.20		
5	QPSK	12	13	19.26	19.28	19.23	19.33	19.21		
5	QPSK	25	0	19.30	19.28	19.34	19.24	19.35		
5	16QAM	1	0	19.11	19.29	19.20	19.19	19.27	20.3	0
5	16QAM	1	12	19.14	19.18	19.21	19.20	19.21		
5	16QAM	1	24	19.29	19.27	19.08	19.01	19.12		
5	16QAM	12	0	19.13	19.22	19.33	19.08	19.09	20.3	0
5	16QAM	12	7	19.18	19.11	19.29	19.14	19.11		
5	16QAM	12	13	19.19	19.12	19.13	19.18	19.17		
5	16QAM	25	0	19.15	19.07	19.20	19.08	19.30		
5	64QAM	1	0	19.19	19.25	19.16	19.25	19.15	20.3	0
5	64QAM	1	12	19.17	19.13	19.11	19.23	19.25		
5	64QAM	1	24	19.18	19.25	19.23	19.06	19.06		
5	64QAM	12	0	19.09	19.16	19.24	19.12	19.17	20.3	0
5	64QAM	12	7	19.15	19.06	19.21	19.22	19.03		
5	64QAM	12	13	19.19	19.17	19.14	19.10	19.13		
5	64QAM	25	0	19.22	19.17	19.25	19.25	19.16		
5	256QAM	1	0	19.30	19.21	19.30	19.20	19.23	20.3	0
5	256QAM	1	12	19.12	19.27	19.22	19.14	19.19		
5	256QAM	1	24	19.12	19.15	19.18	19.17	19.08		
5	256QAM	12	0	19.09	19.19	19.30	19.19	19.13		
5	256QAM	12	7	19.08	19.09	19.21	19.26	19.20		
5	256QAM	12	13	19.08	19.21	19.13	19.21	19.13		
5	256QAM	25	0	19.18	19.19	19.12	19.18	19.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	16.66	16.69	16.62	16.64	17.8	0
20	QPSK	1	49	16.56	16.64	16.50	16.63		
20	QPSK	1	99	16.58	16.62	16.58	16.57		
20	QPSK	50	0	16.64	16.66	16.56	16.63	17.8	0
20	QPSK	50	24	16.56	16.59	16.56	16.55		
20	QPSK	50	50	16.62	16.62	16.58	16.59		
20	QPSK	100	0	16.58	16.62	16.52	16.55		
20	16QAM	1	0	16.65	16.61	16.62	16.53	17.8	0
20	16QAM	1	49	16.47	16.63	16.46	16.53		
20	16QAM	1	99	16.50	16.61	16.52	16.48		
20	16QAM	50	0	16.56	16.63	16.48	16.51	17.8	0
20	16QAM	50	24	16.55	16.51	16.49	16.52		
20	16QAM	50	50	16.59	16.60	16.56	16.48		
20	16QAM	100	0	16.47	16.57	16.41	16.49		
20	64QAM	1	0	16.59	16.58	16.58	16.55	17.8	0
20	64QAM	1	49	16.48	16.55	16.46	16.63		
20	64QAM	1	99	16.54	16.53	16.58	16.47		
20	64QAM	50	0	16.58	16.65	16.52	16.58	17.8	0
20	64QAM	50	24	16.52	16.55	16.46	16.53		
20	64QAM	50	50	16.58	16.57	16.57	16.56		
20	64QAM	100	0	16.50	16.58	16.40	16.50		
20	256QAM	1	0	16.63	16.58	16.60	16.61	17.8	0
20	256QAM	1	49	16.54	16.58	16.43	16.55		
20	256QAM	1	99	16.57	16.59	16.57	16.55		
20	256QAM	50	0	16.53	16.56	16.48	16.54	17.8	0
20	256QAM	50	24	16.49	16.49	16.47	16.48		
20	256QAM	50	50	16.54	16.56	16.57	16.52		
20	256QAM	100	0	16.53	16.54	16.44	16.54		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.58	16.67	16.58	16.60	17.8	0
15	QPSK	1	37	16.48	16.53	16.46	16.52		
15	QPSK	1	74	16.56	16.58	16.56	16.51		
15	QPSK	36	0	16.54	16.63	16.49	16.55	17.8	0
15	QPSK	36	20	16.44	16.51	16.55	16.47		
15	QPSK	36	39	16.53	16.53	16.56	16.48		
15	QPSK	75	0	16.48	16.53	16.43	16.54		
15	16QAM	1	0	16.59	16.57	16.53	16.47	17.8	0
15	16QAM	1	37	16.35	16.58	16.36	16.49		
15	16QAM	1	74	16.39	16.51	16.51	16.38		
15	16QAM	36	0	16.50	16.52	16.39	16.48	17.8	0
15	16QAM	36	20	16.43	16.40	16.40	16.44		
15	16QAM	36	39	16.51	16.59	16.51	16.41		
15	16QAM	75	0	16.44	16.48	16.31	16.41		
15	64QAM	1	0	16.55	16.50	16.53	16.53	17.8	0
15	64QAM	1	37	16.45	16.43	16.40	16.61		
15	64QAM	1	74	16.51	16.48	16.49	16.43		
15	64QAM	36	0	16.51	16.59	16.48	16.52	17.8	0
15	64QAM	36	20	16.49	16.48	16.40	16.43		
15	64QAM	36	39	16.54	16.55	16.54	16.54		
15	64QAM	75	0	16.39	16.48	16.38	16.47		
15	256QAM	1	0	16.55	16.50	16.53	16.54	17.8	0
15	256QAM	1	37	16.51	16.56	16.40	16.55		
15	256QAM	1	74	16.53	16.56	16.50	16.48		
15	256QAM	36	0	16.44	16.51	16.47	16.51	17.8	0
15	256QAM	36	20	16.37	16.44	16.38	16.37		
15	256QAM	36	39	16.47	16.55	16.53	16.41		
15	256QAM	75	0	16.45	16.42	16.41	16.42		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.55	16.63	16.54	16.53	17.8	0
10	QPSK	1	25	16.53	16.61	16.41	16.51		
10	QPSK	1	49	16.55	16.59	16.47	16.56		
10	QPSK	25	0	16.61	16.60	16.46	16.59	17.8	0
10	QPSK	25	12	16.46	16.51	16.55	16.44		
10	QPSK	25	25	16.50	16.54	16.47	16.57		
10	QPSK	50	0	16.57	16.62	16.50	16.55		
10	16QAM	1	0	16.54	16.50	16.62	16.45	17.8	0
10	16QAM	1	25	16.47	16.62	16.46	16.45		
10	16QAM	1	49	16.38	16.60	16.42	16.45		
10	16QAM	25	0	16.51	16.54	16.43	16.47	17.8	0
10	16QAM	25	12	16.52	16.39	16.38	16.44		
10	16QAM	25	25	16.53	16.48	16.47	16.37		
10	16QAM	50	0	16.45	16.50	16.34	16.40		
10	64QAM	1	0	16.58	16.52	16.50	16.50	17.8	0
10	64QAM	1	25	16.48	16.52	16.38	16.59		
10	64QAM	1	49	16.46	16.49	16.56	16.42		
10	64QAM	25	0	16.50	16.55	16.49	16.47	17.8	0
10	64QAM	25	12	16.45	16.55	16.38	16.45		
10	64QAM	25	25	16.48	16.54	16.56	16.50		
10	64QAM	50	0	16.45	16.47	16.37	16.48		
10	256QAM	1	0	16.56	16.53	16.58	16.56	17.8	0
10	256QAM	1	25	16.50	16.53	16.41	16.52		
10	256QAM	1	49	16.54	16.51	16.48	16.50		
10	256QAM	25	0	16.50	16.45	16.41	16.46	17.8	0
10	256QAM	25	12	16.46	16.43	16.42	16.48		
10	256QAM	25	25	16.44	16.45	16.46	16.45		
10	256QAM	50	0	16.50	16.52	16.39	16.53		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.58	16.68	16.56	16.61	17.8	0
5	QPSK	1	12	16.51	16.58	16.48	16.59		
5	QPSK	1	24	16.58	16.51	16.57	16.55		
5	QPSK	12	0	16.54	16.62	16.53	16.52	17.8	0
5	QPSK	12	7	16.50	16.54	16.45	16.54		
5	QPSK	12	13	16.51	16.51	16.48	16.47		
5	QPSK	25	0	16.54	16.60	16.43	16.48		
5	16QAM	1	0	16.62	16.51	16.60	16.45	17.8	0
5	16QAM	1	12	16.36	16.53	16.45	16.51		
5	16QAM	1	24	16.43	16.55	16.46	16.37		
5	16QAM	12	0	16.53	16.58	16.36	16.40	17.8	0
5	16QAM	12	7	16.46	16.45	16.49	16.49		
5	16QAM	12	13	16.53	16.53	16.53	16.46		
5	16QAM	25	0	16.46	16.56	16.40	16.42		
5	64QAM	1	0	16.48	16.54	16.50	16.52	17.8	0
5	64QAM	1	12	16.44	16.46	16.38	16.58		
5	64QAM	1	24	16.48	16.50	16.51	16.40		
5	64QAM	12	0	16.54	16.62	16.43	16.48	17.8	0
5	64QAM	12	7	16.49	16.52	16.39	16.46		
5	64QAM	12	13	16.55	16.55	16.49	16.50		
5	64QAM	25	0	16.47	16.52	16.40	16.40		
5	256QAM	1	0	16.55	16.54	16.52	16.58	17.8	0
5	256QAM	1	12	16.49	16.49	16.39	16.49		
5	256QAM	1	24	16.46	16.48	16.56	16.50		
5	256QAM	12	0	16.51	16.50	16.47	16.48	17.8	0
5	256QAM	12	7	16.48	16.44	16.41	16.48		
5	256QAM	12	13	16.42	16.46	16.48	16.45		
5	256QAM	25	0	16.44	16.45	16.35	16.47		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	16.60	16.64	16.58	16.56	17.8	0
20	QPSK	1	49	16.59	16.52	16.48	16.52		
20	QPSK	1	99	16.56	16.63	16.49	16.56		
20	QPSK	50	0	16.55	16.60	16.51	16.55	17.8	0
20	QPSK	50	24	16.57	16.53	16.57	16.49		
20	QPSK	50	50	16.58	16.54	16.55	16.55		
20	QPSK	100	0	16.49	16.58	16.47	16.51		
20	16QAM	1	0	16.53	16.52	16.54	16.47	17.8	0
20	16QAM	1	49	16.53	16.46	16.46	16.44		
20	16QAM	1	99	16.48	16.60	16.44	16.45		
20	16QAM	50	0	16.55	16.51	16.47	16.46	17.8	0
20	16QAM	50	24	16.45	16.45	16.49	16.37		
20	16QAM	50	50	16.56	16.45	16.48	16.48		
20	16QAM	100	0	16.46	16.50	16.39	16.39		
20	64QAM	1	0	16.52	16.54	16.52	16.54	17.8	0
20	64QAM	1	49	16.58	16.44	16.40	16.45		
20	64QAM	1	99	16.51	16.58	16.46	16.48		
20	64QAM	50	0	16.50	16.56	16.39	16.44	17.8	0
20	64QAM	50	24	16.55	16.52	16.55	16.43		
20	64QAM	50	50	16.53	16.51	16.50	16.46		
20	64QAM	100	0	16.49	16.58	16.43	16.44		
20	256QAM	1	0	16.59	16.55	16.55	16.46	17.8	0
20	256QAM	1	49	16.52	16.51	16.42	16.47		
20	256QAM	1	99	16.53	16.57	16.43	16.50		
20	256QAM	50	0	16.48	16.54	16.50	16.54	17.8	0
20	256QAM	50	24	16.52	16.53	16.53	16.44		
20	256QAM	50	50	16.53	16.46	16.54	16.48		
20	256QAM	100	0	16.39	16.57	16.42	16.42		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.58	16.61	16.56	16.49	17.8	0
15	QPSK	1	37	16.56	16.42	16.41	16.49		
15	QPSK	1	74	16.54	16.55	16.42	16.55		
15	QPSK	36	0	16.50	16.51	16.46	16.49	17.8	0
15	QPSK	36	20	16.52	16.46	16.52	16.43		
15	QPSK	36	39	16.55	16.50	16.50	16.45		
15	QPSK	75	0	16.41	16.57	16.45	16.46		
15	16QAM	1	0	16.43	16.48	16.45	16.41	17.8	0
15	16QAM	1	37	16.48	16.41	16.45	16.40		
15	16QAM	1	74	16.41	16.52	16.35	16.35		
15	16QAM	36	0	16.45	16.49	16.46	16.41	17.8	0
15	16QAM	36	20	16.33	16.34	16.49	16.32		
15	16QAM	36	39	16.53	16.45	16.44	16.46		
15	16QAM	75	0	16.39	16.40	16.34	16.28		
15	64QAM	1	0	16.43	16.54	16.44	16.52	17.8	0
15	64QAM	1	37	16.57	16.41	16.30	16.39		
15	64QAM	1	74	16.50	16.55	16.40	16.40		
15	64QAM	36	0	16.50	16.53	16.36	16.37	17.8	0
15	64QAM	36	20	16.45	16.42	16.53	16.39		
15	64QAM	36	39	16.51	16.48	16.47	16.35		
15	64QAM	75	0	16.39	16.48	16.33	16.34		
15	256QAM	1	0	16.50	16.52	16.50	16.41	17.8	0
15	256QAM	1	37	16.44	16.40	16.38	16.36		
15	256QAM	1	74	16.43	16.45	16.37	16.46		
15	256QAM	36	0	16.38	16.50	16.45	16.47	17.8	0
15	256QAM	36	20	16.49	16.42	16.45	16.39		
15	256QAM	36	39	16.49	16.37	16.48	16.45		
15	256QAM	75	0	16.30	16.52	16.31	16.34		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.50	16.58	16.47	16.51	17.8	0
10	QPSK	1	25	16.56	16.50	16.43	16.49		
10	QPSK	1	49	16.54	16.59	16.37	16.51		
10	QPSK	25	0	16.47	16.48	16.49	16.47	17.8	0
10	QPSK	25	12	16.46	16.43	16.49	16.46		
10	QPSK	25	25	16.46	16.46	16.52	16.47		
10	QPSK	50	0	16.43	16.56	16.43	16.49		
10	16QAM	1	0	16.44	16.40	16.48	16.37	17.8	0
10	16QAM	1	25	16.46	16.37	16.44	16.35		
10	16QAM	1	49	16.46	16.50	16.32	16.41		
10	16QAM	25	0	16.53	16.45	16.36	16.35	17.8	0
10	16QAM	25	12	16.44	16.39	16.41	16.32		
10	16QAM	25	25	16.55	16.39	16.46	16.47		
10	16QAM	50	0	16.44	16.40	16.36	16.27		
10	64QAM	1	0	16.51	16.49	16.41	16.46	17.8	0
10	64QAM	1	25	16.54	16.44	16.32	16.34		
10	64QAM	1	49	16.50	16.52	16.43	16.42		
10	64QAM	25	0	16.50	16.56	16.31	16.41	17.8	0
10	64QAM	25	12	16.46	16.47	16.54	16.41		
10	64QAM	25	25	16.45	16.47	16.45	16.39		
10	64QAM	50	0	16.42	16.52	16.32	16.37		
10	256QAM	1	0	16.51	16.44	16.49	16.38	17.8	0
10	256QAM	1	25	16.43	16.39	16.31	16.39		
10	256QAM	1	49	16.51	16.56	16.33	16.45		
10	256QAM	25	0	16.39	16.44	16.41	16.50	17.8	0
10	256QAM	25	12	16.44	16.48	16.46	16.35		
10	256QAM	25	25	16.51	16.35	16.50	16.48		
10	256QAM	50	0	16.37	16.46	16.39	16.38		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3645	3697.5		
5	QPSK	1	0	16.53	16.55	16.47	16.55	17.8	0
5	QPSK	1	12	16.54	16.44	16.41	16.48		
5	QPSK	1	24	16.54	16.59	16.45	16.51		
5	QPSK	12	0	16.45	16.52	16.48	16.45	17.8	0
5	QPSK	12	7	16.51	16.45	16.52	16.39		
5	QPSK	12	13	16.57	16.50	16.50	16.46		
5	QPSK	25	0	16.46	16.49	16.41	16.44		
5	16QAM	1	0	16.46	16.42	16.49	16.41	17.8	0
5	16QAM	1	12	16.43	16.43	16.40	16.33		
5	16QAM	1	24	16.44	16.58	16.43	16.41		
5	16QAM	12	0	16.45	16.47	16.38	16.40	17.8	0
5	16QAM	12	7	16.36	16.41	16.43	16.26		
5	16QAM	12	13	16.53	16.35	16.36	16.41		
5	16QAM	25	0	16.34	16.38	16.36	16.34		
5	64QAM	1	0	16.46	16.48	16.41	16.44	17.8	0
5	64QAM	1	12	16.55	16.33	16.28	16.42		
5	64QAM	1	24	16.46	16.50	16.35	16.44		
5	64QAM	12	0	16.40	16.50	16.29	16.41	17.8	0
5	64QAM	12	7	16.49	16.47	16.43	16.31		
5	64QAM	12	13	16.45	16.50	16.40	16.41		
5	64QAM	25	0	16.48	16.49	16.40	16.35		
5	256QAM	1	0	16.56	16.47	16.48	16.39	17.8	0
5	256QAM	1	12	16.49	16.49	16.40	16.42		
5	256QAM	1	24	16.41	16.49	16.33	16.39		
5	256QAM	12	0	16.40	16.50	16.47	16.52	17.8	0
5	256QAM	12	7	16.50	16.42	16.50	16.35		
5	256QAM	12	13	16.52	16.35	16.50	16.40		
5	256QAM	25	0	16.32	16.50	16.37	16.31		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	15.89	15.93	15.86	15.90	17.3	0
20	QPSK	1	49	15.87	15.81	15.86	15.83		
20	QPSK	1	99	15.83	15.81	15.76	15.81		
20	QPSK	50	0	15.80	15.88	15.83	15.86	17.3	0
20	QPSK	50	24	15.83	15.84	15.84	15.86		
20	QPSK	50	50	15.85	15.86	15.85	15.86		
20	QPSK	100	0	15.78	15.86	15.84	15.79		
20	16QAM	1	0	15.81	15.84	15.75	15.81	17.3	0
20	16QAM	1	49	15.83	15.79	15.76	15.77		
20	16QAM	1	99	15.80	15.80	15.73	15.75		
20	16QAM	50	0	15.78	15.82	15.82	15.84	17.3	0
20	16QAM	50	24	15.76	15.80	15.84	15.85		
20	16QAM	50	50	15.80	15.77	15.74	15.81		
20	16QAM	100	0	15.68	15.75	15.76	15.77		
20	64QAM	1	0	15.87	15.81	15.76	15.82	17.3	0
20	64QAM	1	49	15.76	15.70	15.81	15.77		
20	64QAM	1	99	15.73	15.75	15.76	15.77		
20	64QAM	50	0	15.78	15.85	15.78	15.83	17.3	0
20	64QAM	50	24	15.72	15.76	15.79	15.84		
20	64QAM	50	50	15.76	15.78	15.78	15.85		
20	64QAM	100	0	15.69	15.75	15.78	15.71		
20	256QAM	1	0	15.86	15.82	15.76	15.87	17.3	0
20	256QAM	1	49	15.86	15.70	15.81	15.74		
20	256QAM	1	99	15.83	15.77	15.69	15.80		
20	256QAM	50	0	15.76	15.79	15.78	15.86	17.3	0
20	256QAM	50	24	15.81	15.81	15.79	15.75		
20	256QAM	50	50	15.74	15.79	15.81	15.83		
20	256QAM	100	0	15.70	15.75	15.84	15.67		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	15.79	15.84	15.85	15.88	17.3	0
15	QPSK	1	37	15.80	15.72	15.77	15.73		
15	QPSK	1	74	15.75	15.77	15.72	15.74		
15	QPSK	36	0	15.73	15.77	15.73	15.85	17.3	0
15	QPSK	36	20	15.74	15.84	15.73	15.81		
15	QPSK	36	39	15.78	15.81	15.83	15.76		
15	QPSK	75	0	15.66	15.79	15.79	15.73		
15	16QAM	1	0	15.80	15.77	15.63	15.76	17.3	0
15	16QAM	1	37	15.83	15.69	15.65	15.74		
15	16QAM	1	74	15.76	15.80	15.65	15.67		
15	16QAM	36	0	15.74	15.78	15.73	15.83	17.3	0
15	16QAM	36	20	15.65	15.76	15.74	15.75		
15	16QAM	36	39	15.68	15.66	15.67	15.80		
15	16QAM	75	0	15.62	15.66	15.70	15.71		
15	64QAM	1	0	15.80	15.80	15.75	15.75	17.3	0
15	64QAM	1	37	15.71	15.61	15.81	15.76		
15	64QAM	1	74	15.69	15.70	15.70	15.66		
15	64QAM	36	0	15.76	15.78	15.68	15.72	17.3	0
15	64QAM	36	20	15.68	15.75	15.71	15.82		
15	64QAM	36	39	15.71	15.66	15.68	15.75		
15	64QAM	75	0	15.64	15.74	15.67	15.65		
15	256QAM	1	0	15.78	15.75	15.69	15.76	17.3	0
15	256QAM	1	37	15.84	15.67	15.70	15.63		
15	256QAM	1	74	15.83	15.71	15.60	15.70		
15	256QAM	36	0	15.73	15.74	15.68	15.79	17.3	0
15	256QAM	36	20	15.75	15.70	15.68	15.70		
15	256QAM	36	39	15.68	15.67	15.71	15.82		
15	256QAM	75	0	15.60	15.67	15.79	15.56		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	15.83	15.89	15.75	15.80	17.3	0
10	QPSK	1	25	15.81	15.75	15.82	15.80		
10	QPSK	1	49	15.78	15.80	15.70	15.70		
10	QPSK	25	0	15.73	15.88	15.78	15.77	17.3	0
10	QPSK	25	12	15.71	15.77	15.81	15.77		
10	QPSK	25	25	15.77	15.78	15.80	15.85		
10	QPSK	50	0	15.74	15.77	15.72	15.67		
10	16QAM	1	0	15.74	15.73	15.68	15.78	17.3	0
10	16QAM	1	25	15.79	15.73	15.73	15.67		
10	16QAM	1	49	15.70	15.80	15.65	15.74		
10	16QAM	25	0	15.73	15.74	15.80	15.76	17.3	0
10	16QAM	25	12	15.70	15.74	15.73	15.82		
10	16QAM	25	25	15.71	15.67	15.69	15.80		
10	16QAM	50	0	15.63	15.70	15.67	15.72		
10	64QAM	1	0	15.77	15.72	15.76	15.72	17.3	0
10	64QAM	1	25	15.68	15.67	15.72	15.72		
10	64QAM	1	49	15.71	15.65	15.70	15.74		
10	64QAM	25	0	15.69	15.85	15.77	15.82	17.3	0
10	64QAM	25	12	15.67	15.71	15.74	15.82		
10	64QAM	25	25	15.68	15.69	15.75	15.82		
10	64QAM	50	0	15.60	15.72	15.77	15.66		
10	256QAM	1	0	15.83	15.79	15.69	15.80	17.3	0
10	256QAM	1	25	15.74	15.66	15.69	15.63		
10	256QAM	1	49	15.80	15.66	15.63	15.79		
10	256QAM	25	0	15.67	15.77	15.71	15.82	17.3	0
10	256QAM	25	12	15.75	15.69	15.70	15.74		
10	256QAM	25	25	15.62	15.76	15.76	15.75		
10	256QAM	50	0	15.67	15.68	15.73	15.56		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3645	3697.5		
5	QPSK	1	0	15.77	15.88	15.82	15.79	17.3	0
5	QPSK	1	12	15.76	15.72	15.79	15.83		
5	QPSK	1	24	15.76	15.77	15.76	15.74		
5	QPSK	12	0	15.72	15.76	15.82	15.76	17.3	0
5	QPSK	12	7	15.72	15.73	15.81	15.80		
5	QPSK	12	13	15.75	15.84	15.82	15.84		
5	QPSK	25	0	15.76	15.83	15.76	15.75		
5	16QAM	1	0	15.75	15.77	15.73	15.73	17.3	0
5	16QAM	1	12	15.77	15.76	15.66	15.76		
5	16QAM	1	24	15.79	15.70	15.69	15.74		
5	16QAM	12	0	15.70	15.75	15.74	15.77	17.3	0
5	16QAM	12	7	15.75	15.75	15.76	15.80		
5	16QAM	12	13	15.78	15.70	15.72	15.80		
5	16QAM	25	0	15.58	15.69	15.75	15.75		
5	64QAM	1	0	15.75	15.71	15.69	15.82	17.3	0
5	64QAM	1	12	15.68	15.70	15.75	15.70		
5	64QAM	1	24	15.64	15.74	15.74	15.74		
5	64QAM	12	0	15.72	15.77	15.76	15.73	17.3	0
5	64QAM	12	7	15.67	15.74	15.77	15.82		
5	64QAM	12	13	15.64	15.67	15.76	15.84		
5	64QAM	25	0	15.65	15.67	15.77	15.60		
5	256QAM	1	0	15.77	15.82	15.75	15.83	17.3	0
5	256QAM	1	12	15.79	15.58	15.79	15.70		
5	256QAM	1	24	15.82	15.68	15.58	15.71		
5	256QAM	12	0	15.67	15.71	15.74	15.84	17.3	0
5	256QAM	12	7	15.71	15.81	15.76	15.67		
5	256QAM	12	13	15.67	15.75	15.73	15.79		
5	256QAM	25	0	15.66	15.73	15.73	15.59		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.62	18.67	18.65	18.61	19.9	0
20	QPSK	1	49	18.62	18.63	18.54	18.58		
20	QPSK	1	99	18.53	18.60	18.65	18.56		
20	QPSK	50	0	18.56	18.65	18.64	18.59	19.9	0
20	QPSK	50	24	18.62	18.64	18.64	18.56		
20	QPSK	50	50	18.55	18.58	18.56	18.56		
20	QPSK	100	0	18.53	18.61	18.57	18.51		
20	16QAM	1	0	18.56	18.58	18.62	18.59	19.9	0
20	16QAM	1	49	18.54	18.55	18.43	18.57		
20	16QAM	1	99	18.44	18.58	18.63	18.53		
20	16QAM	50	0	18.47	18.56	18.59	18.47	19.9	0
20	16QAM	50	24	18.57	18.61	18.60	18.45		
20	16QAM	50	50	18.48	18.47	18.48	18.50		
20	16QAM	100	0	18.43	18.59	18.55	18.44		
20	64QAM	1	0	18.54	18.56	18.57	18.61	19.9	0
20	64QAM	1	49	18.54	18.62	18.51	18.50		
20	64QAM	1	99	18.41	18.52	18.65	18.55		
20	64QAM	50	0	18.52	18.64	18.52	18.51	19.9	0
20	64QAM	50	24	18.59	18.55	18.63	18.47		
20	64QAM	50	50	18.49	18.48	18.46	18.55		
20	64QAM	100	0	18.50	18.51	18.56	18.42		
20	256QAM	1	0	17.71	17.81	17.73	17.70	19	0.9
20	256QAM	1	49	17.73	17.76	17.58	17.71		
20	256QAM	1	99	17.65	17.70	17.81	17.67		
20	256QAM	50	0	17.66	17.75	17.80	17.73	19	0.9
20	256QAM	50	24	17.73	17.77	17.71	17.60		
20	256QAM	50	50	17.69	17.70	17.67	17.68		
20	256QAM	100	0	17.59	17.76	17.63	17.59		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.60	18.58	18.58	18.51	19.9	0
15	QPSK	1	37	18.54	18.59	18.46	18.52		
15	QPSK	1	74	18.46	18.55	18.61	18.53		
15	QPSK	36	0	18.44	18.58	18.62	18.58	19.9	0
15	QPSK	36	20	18.59	18.52	18.54	18.52		
15	QPSK	36	39	18.47	18.47	18.53	18.52		
15	QPSK	75	0	18.49	18.57	18.46	18.40		
15	16QAM	1	0	18.46	18.57	18.61	18.59	19.9	0
15	16QAM	1	37	18.44	18.48	18.32	18.45		
15	16QAM	1	74	18.41	18.57	18.57	18.45		
15	16QAM	36	0	18.35	18.52	18.51	18.38	19.9	0
15	16QAM	36	20	18.54	18.54	18.53	18.35		
15	16QAM	36	39	18.43	18.36	18.46	18.44		
15	16QAM	75	0	18.38	18.51	18.55	18.40		
15	64QAM	1	0	18.46	18.49	18.57	18.59	19.9	0
15	64QAM	1	37	18.48	18.50	18.45	18.48		
15	64QAM	1	74	18.41	18.44	18.61	18.53		
15	64QAM	36	0	18.51	18.60	18.45	18.44	19.9	0
15	64QAM	36	20	18.51	18.52	18.52	18.42		
15	64QAM	36	39	18.43	18.43	18.43	18.55		
15	64QAM	75	0	18.48	18.48	18.44	18.35		
15	256QAM	1	0	17.60	17.72	17.63	17.68	19	0.9
15	256QAM	1	37	17.62	17.70	17.49	17.70		
15	256QAM	1	74	17.64	17.63	17.73	17.63		
15	256QAM	36	0	17.61	17.65	17.70	17.65	19	0.9
15	256QAM	36	20	17.70	17.67	17.67	17.56		
15	256QAM	36	39	17.67	17.60	17.60	17.60		
15	256QAM	75	0	17.52	17.67	17.60	17.55		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.51	18.59	18.60	18.51	19.9	0
10	QPSK	1	25	18.56	18.62	18.54	18.52		
10	QPSK	1	49	18.47	18.59	18.53	18.45		
10	QPSK	25	0	18.46	18.59	18.63	18.48	19.9	0
10	QPSK	25	12	18.59	18.60	18.53	18.52		
10	QPSK	25	25	18.43	18.54	18.56	18.52		
10	QPSK	50	0	18.50	18.61	18.53	18.48		
10	16QAM	1	0	18.54	18.52	18.60	18.47	19.9	0
10	16QAM	1	25	18.50	18.52	18.33	18.52		
10	16QAM	1	49	18.39	18.52	18.57	18.47		
10	16QAM	25	0	18.44	18.49	18.58	18.39	19.9	0
10	16QAM	25	12	18.46	18.53	18.59	18.42		
10	16QAM	25	25	18.48	18.36	18.43	18.48		
10	16QAM	50	0	18.33	18.55	18.49	18.43		
10	64QAM	1	0	18.54	18.53	18.50	18.53	19.9	0
10	64QAM	1	25	18.49	18.59	18.48	18.40		
10	64QAM	1	49	18.38	18.45	18.60	18.55		
10	64QAM	25	0	18.52	18.62	18.44	18.48	19.9	0
10	64QAM	25	12	18.58	18.53	18.56	18.41		
10	64QAM	25	25	18.44	18.42	18.38	18.45		
10	64QAM	50	0	18.50	18.50	18.47	18.31		
10	256QAM	1	0	17.66	17.79	17.64	17.65	19	0.9
10	256QAM	1	25	17.62	17.64	17.47	17.64		
10	256QAM	1	49	17.53	17.60	17.74	17.61		
10	256QAM	25	0	17.61	17.70	17.77	17.67	19	0.9
10	256QAM	25	12	17.64	17.65	17.63	17.56		
10	256QAM	25	25	17.66	17.62	17.56	17.67		
10	256QAM	50	0	17.58	17.65	17.51	17.51		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	18.56	18.59	18.57	18.56	19.9	0
5	QPSK	1	12	18.52	18.58	18.50	18.48		
5	QPSK	1	24	18.50	18.57	18.59	18.47		
5	QPSK	12	0	18.52	18.56	18.62	18.48	19.9	0
5	QPSK	12	7	18.53	18.56	18.55	18.47		
5	QPSK	12	13	18.46	18.57	18.53	18.55		
5	QPSK	25	0	18.49	18.59	18.48	18.44		
5	16QAM	1	0	18.53	18.53	18.53	18.51	19.9	0
5	16QAM	1	12	18.53	18.47	18.38	18.54		
5	16QAM	1	24	18.34	18.57	18.57	18.50		
5	16QAM	12	0	18.38	18.46	18.52	18.40	19.9	0
5	16QAM	12	7	18.47	18.60	18.57	18.38		
5	16QAM	12	13	18.42	18.47	18.45	18.49		
5	16QAM	25	0	18.42	18.58	18.43	18.38		
5	64QAM	1	0	18.44	18.54	18.50	18.54	19.9	0
5	64QAM	1	12	18.52	18.59	18.46	18.39		
5	64QAM	1	24	18.37	18.43	18.58	18.44		
5	64QAM	12	0	18.40	18.54	18.52	18.47	19.9	0
5	64QAM	12	7	18.49	18.54	18.55	18.41		
5	64QAM	12	13	18.38	18.44	18.37	18.44		
5	64QAM	25	0	18.39	18.44	18.51	18.41		
5	256QAM	1	0	17.71	17.77	17.61	17.64	19	0.9
5	256QAM	1	12	17.67	17.76	17.47	17.61		
5	256QAM	1	24	17.59	17.64	17.80	17.60		
5	256QAM	12	0	17.60	17.72	17.75	17.68	19	0.9
5	256QAM	12	7	17.72	17.68	17.66	17.59		
5	256QAM	12	13	17.68	17.64	17.64	17.58		
5	256QAM	25	0	17.53	17.70	17.55	17.56		

Reduced Power Mode for ECI 2

GSM850 Ant 0 ECI 3	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	31.64	31.70	31.67	33.50	22.64	22.70	22.67	24.50
GPRS 1 Tx slot	31.66	31.68	31.65	33.50	22.66	22.68	22.65	24.50
GPRS 2 Tx slots	30.62	30.66	30.58	32.00	24.62	24.66	24.58	26.00
GPRS 3 Tx slots	28.55	28.61	28.57	30.00	24.29	24.35	24.31	25.74
GPRS 4 Tx slots	27.46	27.48	27.42	29.00	24.46	24.48	24.42	26.00
EDGE 1 Tx slot	26.84	26.88	26.85	28.00	17.84	17.88	17.85	19.00
EDGE 2 Tx slots	25.55	25.64	25.62	26.50	19.55	19.64	19.62	20.50
EDGE 3 Tx slots	23.17	23.27	23.22	24.50	18.91	19.01	18.96	20.24
EDGE 4 Tx slots	21.83	21.94	21.93	23.00	18.83	18.94	18.93	20.00

GSM1900 Ant 0 ECI 3	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	27.99	28.10	28.06	29.00	18.99	19.10	19.06	20.00
GPRS 1 Tx slot	28.02	28.03	27.94	29.00	19.02	19.03	18.94	20.00
GPRS 2 Tx slots	27.00	27.06	26.98	28.00	21.00	21.06	20.98	22.00
GPRS 3 Tx slots	24.99	25.08	25.02	26.00	20.73	20.82	20.76	21.74
GPRS 4 Tx slots	23.94	24.04	23.99	25.00	20.94	21.04	20.99	22.00
EDGE 1 Tx slot	24.54	24.63	24.60	25.00	15.54	15.63	15.60	16.00
EDGE 2 Tx slots	23.15	23.18	23.16	24.00	17.15	17.18	17.16	18.00
EDGE 3 Tx slots	20.61	20.67	20.62	21.50	16.35	16.41	16.36	17.24
EDGE 4 Tx slots	19.04	19.09	19.05	20.00	16.04	16.09	16.05	17.00

Band		WCDMA II Ant 0 ECI 3			Tune-up Limit (dBm)	WCDMA IV Ant 0 ECI 3			Tune-up Limit (dBm)	WCDMA V Ant 0 ECI 3			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	17.94	17.96	17.93	19.30	21.11	21.19	21.08	22.70	24.18	24.32	24.22	25.00
3GPP Rel 99	RMC 12.2Kbps	18.08	18.10	18.02	19.30	21.18	21.25	21.20	22.70	24.26	24.34	24.29	25.00
3GPP Rel 6	HSDPA Subtest-1	17.05	17.10	17.03	18.30	20.15	20.24	20.21	21.70	23.31	23.37	23.40	24.00
3GPP Rel 6	HSDPA Subtest-2	17.12	17.08	17.07	18.30	20.18	20.26	20.16	21.70	23.27	23.35	23.22	24.00
3GPP Rel 6	HSDPA Subtest-3	16.57	16.63	16.53	17.80	19.65	19.77	19.65	21.20	22.81	22.90	22.83	23.50
3GPP Rel 6	HSDPA Subtest-4	16.64	16.57	16.54	17.80	19.64	19.71	19.72	21.20	22.76	22.86	22.73	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.12	17.16	17.05	18.30	20.21	20.27	20.23	21.70	23.32	23.35	23.37	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.09	17.08	17.05	18.30	20.20	20.27	20.15	21.70	23.18	23.27	23.20	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.62	16.59	16.51	17.80	19.63	19.78	19.65	21.20	22.69	22.85	22.66	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.54	16.63	16.58	17.80	19.70	19.80	19.75	21.20	22.58	22.71	22.71	23.50
3GPP Rel 6	HSUPA Subtest-1	17.03	17.10	17.04	18.30	20.17	20.26	20.22	21.70	23.13	23.28	23.19	24.00
3GPP Rel 6	HSUPA Subtest-2	15.14	15.07	15.04	16.30	18.12	18.28	18.18	19.70	21.23	21.37	21.28	22.00
3GPP Rel 6	HSUPA Subtest-3	16.06	16.10	16.00	17.30	19.18	19.29	19.15	20.70	22.34	22.44	22.35	23.00
3GPP Rel 6	HSUPA Subtest-4	15.11	15.06	15.04	16.30	18.16	18.29	18.23	19.70	21.22	21.29	21.22	22.00
3GPP Rel 6	HSUPA Subtest-5	17.11	17.13	17.02	18.30	20.21	20.19	20.19	21.70	23.16	23.28	23.27	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.53	14.56	14.50	15.80	17.64	17.74	17.69	19.20	20.78	20.96	20.89	21.50

GSM850 Ant 1 ECI 3	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	31.70	31.77	31.72	33.50	22.70	22.77	22.72	24.50
GPRS 1 Tx slot	31.69	31.74	31.67	33.50	22.69	22.74	22.67	24.50
GPRS 2 Tx slots	30.67	30.71	30.63	32.00	24.67	24.71	24.63	26.00
GPRS 3 Tx slots	28.65	28.64	28.59	30.00	24.29	24.38	24.33	25.74
GPRS 4 Tx slots	27.48	27.50	27.46	29.00	24.48	24.50	24.46	26.00
EDGE 1 Tx slot	26.58	26.69	26.68	28.00	17.58	17.69	17.68	19.00
EDGE 2 Tx slots	25.36	25.44	25.34	26.50	19.36	19.44	19.34	20.50
EDGE 3 Tx slots	23.05	23.10	23.01	24.50	18.79	18.84	18.75	20.24
EDGE 4 Tx slots	21.67	21.73	21.71	23.00	18.67	18.73	18.71	20.00

Band		WCDMA II Ari 1 ECI 3			Tune-up Limit (dBm)	WCDMA IV Ari 1 ECI 3			Tune-up Limit (dBm)	WCDMA V Ari 1 ECI 3			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	1732.8	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	17.08	17.13	17.12	18.30	17.92	18.02	17.97	19.10	24.22	24.30	24.25	25.00
3GPP Rel 99	RMC 12.2Kbps	17.16	17.20	17.15	18.30	18.00	18.05	17.98	19.10	24.27	24.34	24.31	25.00
3GPP Rel 6	HSDPA Subtest-1	16.15	16.16	16.10	17.30	16.96	17.10	17.02	18.10	23.26	23.39	23.30	24.00
3GPP Rel 6	HSDPA Subtest-2	16.16	16.16	16.15	17.30	17.04	17.02	16.99	18.10	23.33	23.35	23.27	24.00
3GPP Rel 6	HSDPA Subtest-3	15.63	15.72	15.64	16.80	16.51	16.50	16.48	17.60	22.75	22.85	22.79	23.50
3GPP Rel 6	HSDPA Subtest-4	15.68	15.71	15.64	16.80	16.48	16.52	16.49	17.60	22.69	22.77	22.75	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	16.11	16.22	16.20	17.30	17.00	17.07	16.97	18.10	23.27	23.30	23.35	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.16	16.16	16.14	17.30	16.96	17.11	16.94	18.10	23.16	23.29	23.25	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.61	15.66	15.61	16.80	16.02	16.06	16.02	17.60	22.70	22.90	22.69	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.64	15.66	15.66	16.80	16.05	16.06	16.02	17.60	22.67	22.79	22.68	23.50
3GPP Rel 6	HSUPA Subtest-1	16.16	16.24	16.15	17.30	16.97	17.06	16.95	18.10	23.17	23.22	23.19	24.00
3GPP Rel 6	HSUPA Subtest-2	14.18	14.20	14.20	15.30	15.06	15.07	15.02	16.10	21.26	21.34	21.27	22.00
3GPP Rel 6	HSUPA Subtest-3	15.20	15.15	15.19	16.30	16.05	16.09	15.99	17.10	22.37	22.42	22.42	23.00
3GPP Rel 6	HSUPA Subtest-4	14.15	14.18	14.11	15.30	15.05	15.01	15.03	16.10	21.26	21.33	21.21	22.00
3GPP Rel 6	HSUPA Subtest-5	16.16	16.22	16.20	17.30	17.04	17.00	16.95	18.10	23.25	23.28	23.27	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.65	13.64	13.67	14.80	14.45	14.59	14.46	15.80	20.81	20.90	20.91	21.50

GSM1900 Ant 2 ECI 3	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	28.81	28.87	28.75	29.90	19.81	19.87	19.75	20.90
GPRS 1 Tx slot	28.74	28.80	28.70	29.90	19.74	19.80	19.70	20.90
GPRS 2 Tx slots	26.31	26.37	26.26	26.90	20.31	20.37	20.26	20.90
GPRS 3 Tx slots	24.52	24.57	24.56	25.10	20.26	20.31	20.30	20.84
GPRS 4 Tx slots	22.80	22.85	22.78	23.90	19.80	19.85	19.78	20.90
EDGE 1 Tx slot	25.81	25.83	25.75	27.00	16.81	16.83	16.75	18.00
EDGE 2 Tx slots	24.35	24.43	24.32	25.50	18.35	18.43	18.32	19.50
EDGE 3 Tx slots	21.82	21.84	21.83	23.00	17.58	17.58	17.57	18.74
EDGE 4 Tx slots	20.23	20.29	20.19	21.50	17.23	17.29	17.19	18.50

Band		WCDMA II Ant 2 ECI 3			Tune-up Limit (dBm)	WCDMA IV Ant 2 ECI 3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.24	17.29	17.22	18.50	15.70	15.72	15.65	17.00
3GPP Rel 99	RMC 12.2Kbps	17.34	17.36	17.33	18.50	15.75	15.80	15.72	17.00
3GPP Rel 6	HSDPA Subtest-1	16.40	16.32	16.31	17.50	14.79	14.81	14.79	16.00
3GPP Rel 6	HSDPA Subtest-2	16.31	16.40	16.38	17.50	14.81	14.76	14.66	16.00
3GPP Rel 6	HSDPA Subtest-3	15.86	15.87	15.78	17.00	14.21	14.28	14.26	15.50
3GPP Rel 6	HSDPA Subtest-4	15.78	15.90	15.85	17.00	14.26	14.30	14.16	15.50
3GPP Rel 8	DC-HSDPA Subtest-1	16.36	16.41	16.28	17.50	14.80	14.74	14.76	16.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.33	16.36	16.28	17.50	14.71	14.83	14.70	16.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.83	15.91	15.86	17.00	14.31	14.28	14.25	15.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.78	15.91	15.83	17.00	14.23	14.25	14.25	15.50
3GPP Rel 6	HSUPA Subtest-1	16.33	16.35	16.35	17.50	14.74	14.86	14.69	16.00
3GPP Rel 6	HSUPA Subtest-2	14.28	14.34	14.37	15.50	12.72	12.85	12.68	14.00
3GPP Rel 6	HSUPA Subtest-3	15.40	15.31	15.38	16.50	13.70	13.77	13.74	15.00
3GPP Rel 6	HSUPA Subtest-4	14.33	14.33	14.35	15.50	12.72	12.78	12.77	14.00
3GPP Rel 6	HSUPA Subtest-5	16.40	16.37	16.38	17.50	14.79	14.77	14.74	16.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.89	13.88	13.83	15.00	12.27	12.32	12.20	13.50

Band		WCDMA II Ant 3 ECI 3			Tune-up Limit (dBm)	WCDMA IV Ant 3 ECI 3			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	16.58	16.58	16.57	17.90	18.76	18.82	18.76	19.90
3GPP Rel 99	RMC 12.2Kbps	16.66	16.70	16.61	17.90	18.82	18.86	18.80	19.90
3GPP Rel 6	HSDPA Subtest-1	15.72	15.70	15.56	16.90	17.77	17.85	17.77	18.90
3GPP Rel 6	HSDPA Subtest-2	15.64	15.71	15.61	16.90	17.77	17.81	17.85	18.90
3GPP Rel 6	HSDPA Subtest-3	15.17	15.24	15.11	16.40	17.31	17.42	17.30	18.40
3GPP Rel 6	HSDPA Subtest-4	15.11	15.24	15.11	16.40	17.27	17.36	17.24	18.40
3GPP Rel 8	DC-HSDPA Subtest-1	15.62	15.73	15.59	16.90	17.81	17.88	17.76	18.90
3GPP Rel 8	DC-HSDPA Subtest-2	15.67	15.76	15.61	16.90	17.87	17.86	17.82	18.90
3GPP Rel 8	DC-HSDPA Subtest-3	15.21	15.19	15.10	16.40	17.38	17.41	17.29	18.40
3GPP Rel 8	DC-HSDPA Subtest-4	15.12	15.25	15.06	16.40	17.34	17.36	17.27	18.40
3GPP Rel 6	HSUPA Subtest-1	15.62	15.74	15.55	16.90	17.77	17.89	17.80	18.90
3GPP Rel 6	HSUPA Subtest-2	13.65	13.72	13.65	14.90	15.85	15.82	15.77	16.90
3GPP Rel 6	HSUPA Subtest-3	14.71	14.75	14.56	15.90	16.86	16.80	16.81	17.90
3GPP Rel 6	HSUPA Subtest-4	13.60	13.72	13.67	14.90	15.78	15.82	15.83	16.90
3GPP Rel 6	HSUPA Subtest-5	15.72	15.69	15.64	16.90	17.77	17.90	17.75	18.90
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.11	13.25	13.15	14.40	15.34	15.36	15.27	16.40

Band 2 Ant 0 ECI 3

BW [MHz]	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	20.63	20.66	20.51		
20	QPSK	1	49	20.43	20.53	20.50	21.9	0
20	QPSK	1	99	20.55	20.57	20.53		
20	QPSK	50	0	20.45	20.65	20.49		
20	QPSK	50	24	20.45	20.48	20.57	21.9	0
20	QPSK	50	50	20.58	20.60	20.41		
20	QPSK	100	0	20.56	20.58	20.47		
20	16QAM	1	0	20.60	20.46	20.49		
20	16QAM	1	49	20.47	20.51	20.57	21.9	0
20	16QAM	1	99	20.48	20.55	20.45		
20	16QAM	50	0	20.39	20.56	20.38		
20	16QAM	50	24	20.36	20.45	20.41	21.9	0
20	16QAM	50	50	20.42	20.40	20.36		
20	16QAM	100	0	20.37	20.54	20.47		
20	64QAM	1	0	20.49	20.54	20.54		
20	64QAM	1	49	20.46	20.48	20.58	21.9	0
20	64QAM	1	99	20.41	20.72	20.55		
20	64QAM	50	0	19.79	19.68	19.73		
20	64QAM	50	24	19.61	19.61	19.69	21	0.9
20	64QAM	50	50	19.67	19.71	19.58		
20	64QAM	100	0	19.57	19.76	19.52		
20	256QAM	1	0	17.65	17.70	17.68		
20	256QAM	1	49	17.54	17.68	17.61	19	2.9
20	256QAM	1	99	17.64	17.63	17.65		
20	256QAM	50	0	17.68	17.72	17.55		
20	256QAM	50	24	17.60	17.60	17.54	19	2.9
20	256QAM	50	50	17.54	17.67	17.50		
20	256QAM	100	0	17.57	17.61	17.50		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.59	20.60	20.41		
15	QPSK	1	37	20.36	20.44	20.36	21.9	0
15	QPSK	1	74	20.45	20.52	20.44		
15	QPSK	36	0	20.39	20.52	20.36		
15	QPSK	36	20	20.35	20.40	20.43	21.9	0
15	QPSK	36	39	20.51	20.57	20.27		
15	QPSK	75	0	20.43	20.48	20.41		
15	16QAM	1	0	20.52	20.44	20.39		
15	16QAM	1	37	20.41	20.48	20.54	21.9	0
15	16QAM	1	74	20.39	20.49	20.33		
15	16QAM	36	0	20.31	20.44	20.31		
15	16QAM	36	20	20.27	20.37	20.31	21.9	0
15	16QAM	36	39	20.36	20.36	20.33		
15	16QAM	75	0	20.35	20.44	20.40		
15	64QAM	1	0	20.39	20.49	20.45		
15	64QAM	1	37	20.35	20.43	20.44	21.9	0
15	64QAM	1	74	20.34	20.54	20.37		
15	64QAM	36	0	19.67	19.57	19.71		
15	64QAM	36	20	19.49	19.50	19.64	21	0.9
15	64QAM	36	39	19.64	19.66	19.55		
15	64QAM	75	0	19.44	19.64	19.41		
15	256QAM	1	0	17.62	17.68	17.57		
15	256QAM	1	37	17.48	17.60	17.51	19	2.9
15	256QAM	1	74	17.56	17.51	17.53		
15	256QAM	36	0	17.56	17.65	17.46		
15	256QAM	36	20	17.56	17.55	17.52	19	2.9
15	256QAM	36	39	17.49	17.62	17.37		
15	256QAM	75	0	17.51	17.55	17.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.60	20.56	20.40		
10	QPSK	1	25	20.30	20.40	20.44	21.9	0
10	QPSK	1	49	20.53	20.53	20.43		
10	QPSK	25	0	20.36	20.56	20.38		
10	QPSK	25	12	20.35	20.36	20.53	21.9	0
10	QPSK	25	25	20.45	20.56	20.33		
10	QPSK	50	0	20.44	20.49	20.37		
10	16QAM	1	0	20.47	20.33	20.46		
10	16QAM	1	25	20.37	20.44	20.54	21.9	0
10	16QAM	1	49	20.36	20.46	20.32		
10	16QAM	25	0	20.29	20.52	20.32		
10	16QAM	25	12	20.30	20.38	20.32	21.9	0
10	16QAM	25	25	20.30	20.34	20.33		
10	16QAM	50	0	20.32	20.45	20.43		
10	64QAM	1	0	20.45	20.44	20.44		
10	64QAM	1	25	20.32	20.37	20.49	21.9	0
10	64QAM	1	49	20.30	20.50	20.34		
10	64QAM	25	0	19.71	19.57	19.61		
10	64QAM	25	12	19.51	19.56	19.65	21	0.9
10	64QAM	25	25	19.58	19.66	19.44		
10	64QAM	50	0	19.54	19.65	19.49		
10	256QAM	1	0	17.54	17.60	17.62		
10	256QAM	1	25	17.45	17.61	17.48	19	2.9
10	256QAM	1	49	17.57	17.56	17.57		
10	256QAM	25	0	17.55	17.61	17.53		
10	256QAM	25	12	17.53	17.51	17.41	19	2.9
10	256QAM	25	25	17.41	17.63	17.37		
10	256QAM	50	0	17.46	17.58	17.46		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.60	20.61	20.48		
5	QPSK	1	12	20.32	20.40	20.47	21.9	0
5	QPSK	1	24	20.45	20.44	20.45		
5	QPSK	12	0	20.39	20.46	20.44		
5	QPSK	12	7	20.42	20.45	20.47	21.9	0
5	QPSK	12	13	20.52	20.51	20.34		
5	QPSK	25	0	20.48	20.48	20.39		
5	16QAM	1	0	20.55	20.33	20.43		
5	16QAM	1	12	20.41	20.40	20.54	21.9	0
5	16QAM	1	24	20.37	20.42	20.35		
5	16QAM	12	0	20.33	20.37	20.31		
5	16QAM	12	7	20.25	20.36	20.39	21.9	0
5	16QAM	12	13	20.39	20.37	20.24		
5	16QAM	25	0	20.30	20.47	20.37		
5	64QAM	1	0	20.35	20.31	20.47		
5	64QAM	1	12	20.35	20.43	20.55	21.9	0
5	64QAM	1	24	20.37	20.46	20.36		
5	64QAM	12	0	19.68	19.63	19.70		
5	64QAM	12	7	19.48	19.51	19.64	21	0.9
5	64QAM	12	13	19.56	19.63	19.48		
5	64QAM	25	0	19.45	19.70	19.47		
5	256QAM	1	0	17.57	17.57	17.62		
5	256QAM	1	12	17.46	17.57	17.52	19	2.9
5	256QAM	1	24	17.62	17.49	17.61		
5	256QAM	12	0	17.56	17.61	17.43		
5	256QAM	12	7	17.54	17.45	17.48	19	2.9
5	256QAM	12	13	17.50	17.57	17.48		
5	256QAM	25	0	17.54	17.56	17.44		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.58	20.62	20.47		
3	QPSK	1	8	20.31	20.47	20.42	21.9	0
3	QPSK	1	14	20.43	20.54	20.42		
3	QPSK	8	0	20.42	20.60	20.43		
3	QPSK	8	4	20.42	20.40	20.44	21.9	0
3	QPSK	8	7	20.52	20.53	20.36		
3	QPSK	15	0	20.43	20.46	20.40		
3	16QAM	1	0	20.46	20.34	20.38		
3	16QAM	1	8	20.37	20.38	20.45	21.9	0
3	16QAM	1	14	20.42	20.49	20.39		
3	16QAM	8	0	20.36	20.50	20.26		
3	16QAM	8	4	20.33	20.40	20.29	21.9	0
3	16QAM	8	7	20.34	20.38	20.27		
3	16QAM	15	0	20.25	20.51	20.37		
3	64QAM	1	0	20.42	20.47	20.40		
3	64QAM	1	8	20.36	20.45	20.48	21.9	0
3	64QAM	1	14	20.29	20.49	20.40		
3	64QAM	8	0	19.67	19.61	19.68		
3	64QAM	8	4	19.59	19.51	19.65	21	0.9
3	64QAM	8	7	19.64	19.63	19.46		
3	64QAM	15	0	19.43	19.66	19.49		
3	256QAM	1	0	17.53	17.58	17.59		
3	256QAM	1	8	17.51	17.56	17.39	19	2.9
3	256QAM	1	14	17.61	17.55	17.60		
3	256QAM	8	0	17.59	17.69	17.42		
3	256QAM	8	4	17.46	17.53	17.51	19	2.9
3	256QAM	8	7	17.48	17.60	17.43		
3	256QAM	15	0	17.44	17.50	17.38		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.58	20.58	20.49		
1.4	QPSK	1	3	20.32	20.48	20.37		
1.4	QPSK	1	5	20.49	20.50	20.48	21.9	0
1.4	QPSK	3	0	20.34	20.63	20.46		
1.4	QPSK	3	1	20.43	20.43	20.49		
1.4	QPSK	3	3	20.50	20.50	20.33		
1.4	QPSK	6	0	20.52	20.51	20.39	21.9	0
1.4	16QAM	1	0	20.47	20.36	20.40		
1.4	16QAM	1	3	20.38	20.44	20.52		
1.4	16QAM	1	5	20.35	20.50	20.38	21.9	0
1.4	16QAM	3	0	20.27	20.46	20.34		
1.4	16QAM	3	1	20.29	20.39	20.33		
1.4	16QAM	3	3	20.30	20.38	20.29		
1.4	16QAM	6	0	20.24	20.46	20.43	21.9	0
1.4	64QAM	1	0	20.46	20.47	20.46		
1.4	64QAM	1	3	20.38	20.42	20.47		
1.4	64QAM	1	5	20.29	20.48	20.42	21.9	0
1.4	64QAM	3	0	20.36	20.42	20.38		
1.4	64QAM	3	1	20.31	20.39	20.43		
1.4	64QAM	3	3	20.17	20.42	20.40		
1.4	64QAM	6	0	19.50	19.63	19.48	21	0.9
1.4	256QAM	1	0	17.54	17.62	17.61		
1.4	256QAM	1	3	17.52	17.63	17.51		
1.4	256QAM	1	5	17.62	17.50	17.52	19	2.9
1.4	256QAM	3	0	17.57	17.62	17.47		
1.4	256QAM	3	1	17.53	17.48	17.45		
1.4	256QAM	3	3	17.49	17.54	17.37		
1.4	256QAM	6	0	17.44	17.56	17.43	19	2.9

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.70	20.74	20.62		
20	QPSK	1	49	20.55	20.65	20.59	22	0
20	QPSK	1	99	20.65	20.60	20.59		
20	QPSK	50	0	20.58	20.67	20.61		
20	QPSK	50	24	20.58	20.51	20.57	22	0
20	QPSK	50	50	20.51	20.65	20.59		
20	QPSK	100	0	20.59	20.60	20.59		
20	16QAM	1	0	20.63	20.68	20.55		
20	16QAM	1	49	20.46	20.63	20.47	22	0
20	16QAM	1	99	20.55	20.61	20.48		
20	16QAM	50	0	20.43	20.65	20.49		
20	16QAM	50	24	20.61	20.53	20.37	22	0
20	16QAM	50	50	20.50	20.56	20.44		
20	16QAM	100	0	20.46	20.61	20.49		
20	64QAM	1	0	20.64	20.61	20.64		
20	64QAM	1	49	20.37	20.61	20.59	22	0
20	64QAM	1	99	20.61	20.73	20.62		
20	64QAM	50	0	19.68	19.78	19.71		
20	64QAM	50	24	19.55	19.72	19.54	21	1
20	64QAM	50	50	19.57	19.64	19.55		
20	64QAM	100	0	19.61	19.68	19.72		
20	256QAM	1	0	17.66	17.68	17.66		
20	256QAM	1	49	17.51	17.70	17.52	19	3
20	256QAM	1	99	17.60	17.72	17.66		
20	256QAM	50	0	17.57	17.73	17.72		
20	256QAM	50	24	17.63	17.51	17.60	19	3
20	256QAM	50	50	17.52	17.65	17.47		
20	256QAM	100	0	17.47	17.60	17.63		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.68	20.71	20.60		
15	QPSK	1	37	20.45	20.60	20.56	22	0
15	QPSK	1	74	20.54	20.51	20.53		
15	QPSK	36	0	20.46	20.58	20.61		
15	QPSK	36	20	20.46	20.41	20.55	22	0
15	QPSK	36	39	20.41	20.60	20.56		
15	QPSK	75	0	20.52	20.55	20.55		
15	16QAM	1	0	20.59	20.59	20.52		
15	16QAM	1	37	20.39	20.54	20.38	22	0
15	16QAM	1	74	20.45	20.51	20.38		
15	16QAM	36	0	20.43	20.53	20.43		
15	16QAM	36	20	20.53	20.50	20.29	22	0
15	16QAM	36	39	20.47	20.44	20.35		
15	16QAM	75	0	20.42	20.52	20.49		
15	64QAM	1	0	20.63	20.56	20.53		
15	64QAM	1	37	20.25	20.56	20.54	22	0
15	64QAM	1	74	20.54	20.55	20.41		
15	64QAM	36	0	19.61	19.72	19.64		
15	64QAM	36	20	19.47	19.71	19.54	21	1
15	64QAM	36	39	19.55	19.59	19.47		
15	64QAM	75	0	19.56	19.50	19.67		
15	256QAM	1	0	17.55	17.67	17.58		
15	256QAM	1	37	17.44	17.67	17.51	19	3
15	256QAM	1	74	17.53	17.63	17.52		
15	256QAM	36	0	17.49	17.70	17.61		
15	256QAM	36	20	17.57	17.40	17.50	19	3
15	256QAM	36	39	17.42	17.60	17.36		
15	256QAM	75	0	17.44	17.45	17.54		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.63	20.65	20.51		
10	QPSK	1	25	20.51	20.63	20.58	22	0
10	QPSK	1	49	20.53	20.51	20.56		
10	QPSK	25	0	20.53	20.59	20.54		
10	QPSK	25	12	20.57	20.45	20.55	22	0
10	QPSK	25	25	20.47	20.58	20.57		
10	QPSK	50	0	20.53	20.52	20.48		
10	16QAM	1	0	20.53	20.61	20.54		
10	16QAM	1	25	20.45	20.57	20.42	22	0
10	16QAM	1	49	20.48	20.55	20.37		
10	16QAM	25	0	20.32	20.56	20.42		
10	16QAM	25	12	20.51	20.46	20.35	22	0
10	16QAM	25	25	20.43	20.50	20.32		
10	16QAM	50	0	20.41	20.49	20.44		
10	64QAM	1	0	20.55	20.60	20.62		
10	64QAM	1	25	20.31	20.59	20.54	22	0
10	64QAM	1	49	20.49	20.59	20.34		
10	64QAM	25	0	19.66	19.56	19.64		
10	64QAM	25	12	19.44	19.69	19.49	21	1
10	64QAM	25	25	19.51	19.55	19.43		
10	64QAM	50	0	19.59	19.50	19.69		
10	256QAM	1	0	17.56	17.62	17.60		
10	256QAM	1	25	17.43	17.64	17.51	19	3
10	256QAM	1	49	17.58	17.69	17.45		
10	256QAM	25	0	17.46	17.63	17.66		
10	256QAM	25	12	17.55	17.47	17.57	19	3
10	256QAM	25	25	17.42	17.65	17.40		
10	256QAM	50	0	17.41	17.45	17.52		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.58	20.67	20.58		
5	QPSK	1	12	20.51	20.59	20.47	22	0
5	QPSK	1	24	20.63	20.54	20.53		
5	QPSK	12	0	20.53	20.62	20.55		
5	QPSK	12	7	20.54	20.50	20.51	22	0
5	QPSK	12	13	20.50	20.58	20.54		
5	QPSK	25	0	20.53	20.52	20.52		
5	16QAM	1	0	20.59	20.65	20.47		
5	16QAM	1	12	20.39	20.59	20.38	22	0
5	16QAM	1	24	20.44	20.61	20.37		
5	16QAM	12	0	20.40	20.63	20.47		
5	16QAM	12	7	20.54	20.51	20.33	22	0
5	16QAM	12	13	20.49	20.46	20.33		
5	16QAM	25	0	20.39	20.53	20.49		
5	64QAM	1	0	20.16	20.60	20.58		
5	64QAM	1	12	20.25	20.51	20.48	22	0
5	64QAM	1	24	20.49	20.56	20.40		
5	64QAM	12	0	19.57	19.70	19.63		
5	64QAM	12	7	19.44	19.61	19.51	21	1
5	64QAM	12	13	19.52	19.59	19.46		
5	64QAM	25	0	19.50	19.56	19.66		
5	256QAM	1	0	17.53	17.57	17.54		
5	256QAM	1	12	17.47	17.63	17.45	19	3
5	256QAM	1	24	17.56	17.63	17.55		
5	256QAM	12	0	17.53	17.67	17.68		
5	256QAM	12	7	17.51	17.52	17.58	19	3
5	256QAM	12	13	17.41	17.53	17.38		
5	256QAM	25	0	17.41	17.50	17.51		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.63	20.66	20.57		
3	QPSK	1	8	20.54	20.54	20.50	22	0
3	QPSK	1	14	20.61	20.53	20.47		
3	QPSK	8	0	20.54	20.62	20.55		
3	QPSK	8	4	20.56	20.40	20.56	22	0
3	QPSK	8	7	20.43	20.55	20.58		
3	QPSK	15	0	20.50	20.50	20.59		
3	16QAM	1	0	20.63	20.60	20.50		
3	16QAM	1	8	20.43	20.55	20.47	22	0
3	16QAM	1	14	20.47	20.53	20.40		
3	16QAM	8	0	20.41	20.64	20.44		
3	16QAM	8	4	20.58	20.47	20.33	22	0
3	16QAM	8	7	20.39	20.45	20.37		
3	16QAM	15	0	20.41	20.52	20.38		
3	64QAM	1	0	20.57	20.58	20.63		
3	64QAM	1	8	20.35	20.61	20.48	22	0
3	64QAM	1	14	20.59	20.50	20.38		
3	64QAM	8	0	19.61	19.72	19.60		
3	64QAM	8	4	19.52	19.60	19.43	21	1
3	64QAM	8	7	19.53	19.57	19.49		
3	64QAM	15	0	19.56	19.55	19.63		
3	256QAM	1	0	17.60	17.56	17.55		
3	256QAM	1	8	17.44	17.60	17.50	19	3
3	256QAM	1	14	17.53	17.71	17.53		
3	256QAM	8	0	17.46	17.71	17.65		
3	256QAM	8	4	17.60	17.40	17.57	19	3
3	256QAM	8	7	17.45	17.59	17.46		
3	256QAM	15	0	17.36	17.42	17.57		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.59	20.72	20.57		
1.4	QPSK	1	3	20.46	20.54	20.59		
1.4	QPSK	1	5	20.61	20.57	20.56	22	0
1.4	QPSK	3	0	20.56	20.60	20.50		
1.4	QPSK	3	1	20.55	20.60	20.52		
1.4	QPSK	3	3	20.44	20.53	20.52		
1.4	QPSK	6	0	20.50	20.58	20.57	22	0
1.4	16QAM	1	0	20.53	20.60	20.45		
1.4	16QAM	1	3	20.39	20.56	20.39		
1.4	16QAM	1	5	20.48	20.56	20.47	22	0
1.4	16QAM	3	0	20.40	20.57	20.39		
1.4	16QAM	3	1	20.49	20.42	20.35		
1.4	16QAM	3	3	20.41	20.55	20.38		
1.4	16QAM	6	0	20.35	20.53	20.37	22	0
1.4	64QAM	1	0	20.63	20.61	20.59		
1.4	64QAM	1	3	20.33	20.61	20.48		
1.4	64QAM	1	5	20.58	20.52	20.38	22	0
1.4	64QAM	3	0	20.56	20.59	20.53		
1.4	64QAM	3	1	20.27	20.54	20.46		
1.4	64QAM	3	3	20.54	20.48	20.30		
1.4	64QAM	6	0	19.55	19.56	19.71	21	1
1.4	256QAM	1	0	17.55	17.60	17.55		
1.4	256QAM	1	3	17.40	17.59	17.46		
1.4	256QAM	1	5	17.56	17.71	17.54	19	3
1.4	256QAM	3	0	17.50	17.64	17.67		
1.4	256QAM	3	1	17.57	17.41	17.54		
1.4	256QAM	3	3	17.51	17.63	17.39		
1.4	256QAM	6	0	17.39	17.49	17.51	19	3

Band 5 Ant 0 ECI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20459	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.01	22.18	22.11		
10	QPSK	1	25	22.00	22.15	21.93	23	0
10	QPSK	1	49	21.99	22.05	22.02		
10	QPSK	25	0	21.10	21.25	21.10		
10	QPSK	25	12	21.10	21.15	20.94	22	1
10	QPSK	25	25	21.06	21.21	21.16		
10	QPSK	50	0	20.98	21.23	20.99		
10	16QAM	1	0	21.11	21.20	21.02		
10	16QAM	1	25	21.06	21.16	21.04	22	1
10	16QAM	1	49	21.02	21.09	20.97		
10	16QAM	25	0	20.13	20.30	20.23		
10	16QAM	25	12	20.25	20.16

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.11	22.21	22.14	23	0
10	QPSK	1	25	22.01	22.11	21.95		
10	QPSK	1	49	22.07	22.09	22.03		
10	QPSK	25	0	21.16	21.18	21.13	22	1
10	QPSK	25	12	21.09	21.15	20.98		
10	QPSK	25	25	21.03	21.13	21.15		
10	QPSK	50	0	21.01	21.09	21.06		
10	16QAM	1	0	21.02	21.18	21.00	22	1
10	16QAM	1	25	21.00	21.11	21.06		
10	16QAM	1	49	21.02	21.08	21.03		
10	16QAM	25	0	20.17	20.23	20.12	21	2
10	16QAM	25	12	20.10	20.17	20.13		
10	16QAM	25	25	20.14	20.17	20.03		
10	16QAM	50	0	20.14	20.21	20.17		
10	64QAM	1	0	20.17	20.21	20.06	21	2
10	64QAM	1	25	20.01	20.07	20.06		
10	64QAM	1	49	19.99	20.11	19.98		
10	64QAM	25	0	19.16	19.23	19.17	20	3
10	64QAM	25	12	19.18	19.21	19.10		
10	64QAM	25	25	19.09	19.17	19.08		
10	64QAM	50	0	19.03	19.17	18.96		
10	256QAM	1	0	17.30	17.29	17.18	18	5
10	256QAM	1	25	17.20	17.33	17.15		
10	256QAM	1	49	17.17	17.28	17.14		
10	256QAM	25	0	17.10	17.13	17.08	18	5
10	256QAM	25	12	17.13	17.18	17.13		
10	256QAM	25	25	17.12	17.20	17.17		
10	256QAM	50	0	17.02	17.17	17.13		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.02	22.13	22.09	23	0
5	QPSK	1	12	21.91	21.96	21.90		
5	QPSK	1	24	22.04	22.03	21.94		
5	QPSK	12	0	21.09	21.05	21.09	22	1
5	QPSK	12	7	21.01	21.06	20.91		
5	QPSK	12	13	20.89	21.04	21.11		
5	QPSK	25	0	20.97	21.01	20.92		
5	16QAM	1	0	20.94	21.08	20.92	22	1
5	16QAM	1	12	20.92	20.98	20.95		
5	16QAM	1	24	20.94	20.97	20.90		
5	16QAM	12	0	20.05	20.10	20.01	21	2
5	16QAM	12	7	19.99	20.12	20.09		
5	16QAM	12	13	20.06	20.08	19.94		
5	16QAM	25	0	20.01	20.06	20.06		
5	64QAM	1	0	20.07	20.14	20.00	21	2
5	64QAM	1	12	19.96	19.94	20.02		
5	64QAM	1	24	19.84	20.06	19.86		
5	64QAM	12	0	19.08	19.08	19.11	20	3
5	64QAM	12	7	19.07	19.08	18.98		
5	64QAM	12	13	19.01	19.11	19.01		
5	64QAM	25	0	18.93	19.02	18.85		
5	256QAM	1	0	17.24	17.21	17.12	18	5
5	256QAM	1	12	17.08	17.18	17.06		
5	256QAM	1	24	17.13	17.24	17.06		
5	256QAM	12	0	16.97	17.04	17.05	18	5
5	256QAM	12	7	16.99	17.11	17.04		
5	256QAM	12	13	17.00	17.16	17.06		
5	256QAM	25	0	16.96	17.11	16.99		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.05	22.10	22.04	23	0
3	QPSK	1	8	21.95	21.98	21.85		
3	QPSK	1	14	22.03	21.95	21.92		
3	QPSK	8	0	21.09	21.09	21.01	22	1
3	QPSK	8	4	20.95	21.04	20.90		
3	QPSK	8	7	20.97	21.00	21.07		
3	QPSK	15	0	20.88	21.00	20.96		
3	16QAM	1	0	20.96	21.10	20.96	22	1
3	16QAM	1	8	20.87	21.07	21.02		
3	16QAM	1	14	20.90	20.98	20.89		
3	16QAM	8	0	20.06	20.11	19.98	21	2
3	16QAM	8	4	20.01	20.08	20.06		
3	16QAM	8	7	20.02	20.12	19.89		
3	16QAM	15	0	20.11	20.17	20.12		
3	64QAM	1	0	20.05	20.17	19.96	21	2
3	64QAM	1	8	19.89	20.02	19.96		
3	64QAM	1	14	19.87	20.00	19.88		
3	64QAM	8	0	19.05	19.08	19.13	20	3
3	64QAM	8	4	19.11	19.07	19.06		
3	64QAM	8	7	18.96	19.07	19.04		
3	64QAM	15	0	18.93	19.11	18.92		
3	256QAM	1	0	17.22	17.18	17.09	18	5
3	256QAM	1	8	17.06	17.29	17.05		
3	256QAM	1	14	17.14	17.24	17.04		
3	256QAM	8	0	16.98	17.02	16.96	18	5
3	256QAM	8	4	17.02	17.13	17.03		
3	256QAM	8	7	17.02	17.11	17.04		
3	256QAM	15	0	16.92	17.10	17.05		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.06	22.17	22.02	23	0
1.4	QPSK	1	3	21.87	22.06	21.85		
1.4	QPSK	1	5	22.04	22.05	21.89		
1.4	QPSK	3	0	22.07	22.11	22.03		
1.4	QPSK	3	1	21.88	21.97	21.87		
1.4	QPSK	3	3	21.96	21.99	21.97		
1.4	QPSK	6	0	21.04	21.08	21.02	22	1
1.4	16QAM	1	0	20.99	21.05	20.86	22	1
1.4	16QAM	1	3	20.92	21.07	21.04		
1.4	16QAM	1	5	20.94	20.98	20.93		
1.4	16QAM	3	0	20.92	21.14	20.87		
1.4	16QAM	3	1	20.90	20.96	21.01		
1.4	16QAM	3	3	20.91	20.94	20.90		
1.4	16QAM	6	0	20.11	20.11	19.98	21	2
1.4	64QAM	1	0	19.99	20.08	20.01	21	2
1.4	64QAM	1	3	20.10	20.04	19.88		
1.4	64QAM	1	5	20.03	20.07	20.07		
1.4	64QAM	3	0	20.10	20.17	19.93		
1.4	64QAM	3	1	19.90	19.99	20.00		
1.4	64QAM	3	3	19.87	20.08	19.90		
1.4	64QAM	6	0	19.09	19.13	19.05	20	3
1.4	256QAM	1	0	17.17	17.18	17.09	18	5
1.4	256QAM	1	3	17.13	17.30	17.11		
1.4	256QAM	1	5	17.12	17.20	17.07		
1.4	256QAM	3	0	17.02	17.06	17.05		
1.4	256QAM	3	1	17.06	17.05	17.06		
1.4	256QAM	3	3	17.00	17.11	17.12		
1.4	256QAM	6	0	16.97	17.13	17.06	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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.20		23	0
10	QPSK	1	25		22.13			
10	QPSK	1	49		22.08			
10	QPSK	25	0		21.17		22	1
10	QPSK	25	12		21.11			
10	QPSK	25	25		21.13			
10	QPSK	50	0		21.10			
10	16QAM	1	0		21.12		22	1
10	16QAM	1	25		21.09			
10	16QAM	1	49		21.11			
10	16QAM	25	0		20.27		21	2
10	16QAM	25	12		20.22			
10	16QAM	25	25		20.18			
10	16QAM	50	0		20.25			
10	64QAM	1	0		20.19		21	2
10	64QAM	1	25		20.14			
10	64QAM	1	49		20.11			
10	64QAM	25	0		19.29		20	3
10	64QAM	25	12		19.26			
10	64QAM	25	25		19.13			
10	64QAM	50	0		19.10			
10	256QAM	1	0		17.36		18	5
10	256QAM	1	25		17.35			
10	256QAM	1	49		17.28			
10	256QAM	25	0		17.11		18	5
10	256QAM	25	12		17.18			
10	256QAM	25	25		17.26			
10	256QAM	50	0		17.19			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.10	22.16	22.13	23	0
5	QPSK	1	12	22.09	22.03	21.98		
5	QPSK	1	24	22.00	22.02	21.99		
5	QPSK	12	0	21.03	21.05	21.03	22	1
5	QPSK	12	7	20.99	20.99	21.01		
5	QPSK	12	13	21.10	21.07	21.07		
5	QPSK	25	0	21.07	21.03	21.00		
5	16QAM	1	0	21.04	21.03	21.05	22	1
5	16QAM	1	12	20.98	21.01	20.98		
5	16QAM	1	24	21.03	21.05	21.07		
5	16QAM	12	0	20.17	20.12	20.23	21	2
5	16QAM	12	7	20.13	20.08	20.17		
5	16QAM	12	13	20.05	20.07	20.14		
5	16QAM	25	0	20.14	20.17	20.15		
5	64QAM	1	0	20.11	20.12	20.06	21	2
5	64QAM	1	12	20.02	20.03	20.09		
5	64QAM	1	24	20.00	20.01	20.06		
5	64QAM	12	0	19.23	19.15	19.25	20	3
5	64QAM	12	7	19.19	19.20	19.17		
5	64QAM	12	13	19.07	19.07	19.05		
5	64QAM	25	0	19.05	19.04	19.03		
5	256QAM	1	0	17.23	17.26	17.23	18	5
5	256QAM	1	12	17.21	17.27	17.25		
5	256QAM	1	24	17.19	17.13	17.15		
5	256QAM	12	0	17.06	17.03	17.01	18	5
5	256QAM	12	7	17.04	17.05	17.08		
5	256QAM	12	13	17.17	17.15	17.22		
5	256QAM	25	0	17.12	17.11	17.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.31		23	0
10	QPSK	1	25		22.28			
10	QPSK	1	49		22.24			
10	QPSK	25	0		21.31		22	1
10	QPSK	25	12		21.22			
10	QPSK	25	25		21.21			
10	QPSK	50	0		21.25			
10	16QAM	1	0		21.20		22	1
10	16QAM	1	25		21.14			
10	16QAM	1	49		21.21			
10	16QAM	25	0		20.39		21	2
10	16QAM	25	12		20.36			
10	16QAM	25	25		20.34			
10	16QAM	50	0		20.30			
10	64QAM	1	0		20.34		21	2
10	64QAM	1	25		20.22			
10	64QAM	1	49		20.16			
10	64QAM	25	0		19.37		20	3
10	64QAM	25	12		19.35			
10	64QAM	25	25		19.25			
10	64QAM	50	0		19.21			
10	256QAM	1	0		17.48		18	5
10	256QAM	1	25		17.47			
10	256QAM	1	49		17.42			
10	256QAM	25	0		17.21		18	5
10	256QAM	25	12		17.23			
10	256QAM	25	25		17.41			
10	256QAM	50	0		17.33			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.19	22.27	22.21	23	0
5	QPSK	1	12	22.15	22.21	22.16		
5	QPSK	1	24	22.10	22.14	22.18		
5	QPSK	12	0	21.27	21.27	21.27	22	1
5	QPSK	12	7	21.11	21.16	21.16		
5	QPSK	12	13	21.08	21.13	21.07		
5	QPSK	25	0	21.14	21.17	21.13		
5	16QAM	1	0	21.14	21.12	21.11	22	1
5	16QAM	1	12	21.01	21.08	21.10		
5	16QAM	1	24	21.14	21.11	21.18		
5	16QAM	12	0	20.34	20.24	20.28	21	2
5	16QAM	12	7	20.24	20.30	20.28		
5	16QAM	12	13	20.26	20.31	20.26		
5	16QAM	25	0	20.22	20.18	20.22		
5	64QAM	1	0	20.26	20.24	20.25	21	2
5	64QAM	1	12	20.09	20.08	20.14		
5	64QAM	1	24	20.07	20.09	20.06		
5	64QAM	12	0	19.29	19.29	19.29	20	3
5	64QAM	12	7	19.27	19.25	19.30		
5	64QAM	12	13	19.10	19.14	19.13		
5	64QAM	25	0	19.14	19.07	19.17		
5	256QAM	1	0	17.45	17.39	17.33	18	5
5	256QAM	1	12	17.39	17.35	17.42		
5	256QAM	1	24	17.36	17.35	17.28		
5	256QAM	12	0	17.10	17.08	17.12	18	5
5	256QAM	12	7	17.15	17.14	17.08		
5	256QAM	12	13	17.27	17.28	17.34		
5	256QAM	25	0	17.28	17.20	17.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0		22.10		23	0
10	QPSK	1	25		22.08			
10	QPSK	1	49		21.95			
10	QPSK	25	0		21.14		22	1
10	QPSK	25	12		21.06			
10	QPSK	25	25		21.10			
10	QPSK	50	0		20.97			
10	16QAM	1	0		21.02		22	1
10	16QAM	1	25		21.03			
10	16QAM	1	49		21.00			
10	16QAM	25	0		20.16		21	2
10	16QAM	25	12		20.16			
10	16QAM	25	25		20.09			
10	16QAM	50	0		20.14			
10	64QAM	1	0		20.09		21	2
10	64QAM	1	25		20.09			
10	64QAM	1	49		20.06			
10	64QAM	25	0		19.18		20	3
10	64QAM	25	12		19.20			
10	64QAM	25	25		19.06			
10	64QAM	50	0		19.01			
10	256QAM	1	0		17.25		18	5
10	256QAM	1	25		17.31			
10	256QAM	1	49		17.25			
10	256QAM	25	0		16.99		18	5
10	256QAM	25	12		17.10			
10	256QAM	25	25		17.15			
10	256QAM	50	0		17.10			
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.03	22.07	22.00	23	0
5	QPSK	1	12	21.96	22.04	21.96		
5	QPSK	1	24	21.90	21.83	21.92		
5	QPSK	12	0	21.08	21.11	21.00	22	1
5	QPSK	12	7	20.96	20.97	21.02		
5	QPSK	12	13	21.02	20.96	20.96		
5	QPSK	25	0	20.94	20.89	20.91		
5	16QAM	1	0	20.94	20.95	20.90	22	1
5	16QAM	1	12	20.96	20.99	20.92		
5	16QAM	1	24	20.93	20.94	20.95		
5	16QAM	12	0	20.08	20.04	20.06	21	2
5	16QAM	12	7	20.06	20.01	20.03		
5	16QAM	12	13	19.96	19.98	20.01		
5	16QAM	25	0	20.10	20.05	20.07		
5	64QAM	1	0	19.96	19.96	19.99	21	2
5	64QAM	1	12	19.94	20.04	19.97		
5	64QAM	1	24	19.96	19.99	19.96		
5	64QAM	12	0	19.05	19.03	19.06	20	3
5	64QAM	12	7	19.11	19.14	19.11		
5	64QAM	12	13	18.95	18.93	19.00		
5	64QAM	25	0	18.92	18.90	18.90		
5	256QAM	1	0	17.19	17.19	17.17	18	5
5	256QAM	1	12	17.21	17.25	17.23		
5	256QAM	1	24	17.18	17.14	17.14		
5	256QAM	12	0	16.90	16.95	16.89	18	5
5	256QAM	12	7	17.07	17.04	17.07		
5	256QAM	12	13	17.03	17.06	17.05		
5	256QAM	25	0	16.97	16.96	17.01		

Band 25 Ant 0 ECI 3

BW [MHz]	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	20.67	20.70	20.85	21.9	0
20	QPSK	1	49	20.57	20.65	20.64		
20	QPSK	1	99	20.61	20.68	20.61		
20	QPSK	50	0	20.57	20.68	20.54	21.9	0
20	QPSK	50	24	20.56	20.58	20.59		
20	QPSK	50	50	20.61	20.66	20.53		
20	QPSK	100	0	20.60	20.64	20.54		
20	16QAM	1	0	20.62	20.59	20.58	21.9	0
20	16QAM	1	49	20.51	20.57	20.59		
20	16QAM	1	99	20.51	20.60	20.59		
20	16QAM	50	0	20.47	20.64	20.51	21.9	0
20	16QAM	50	24	20.47	20.57	20.50		
20	16QAM	50	50	20.50	20.57	20.42		
20	16QAM	100	0	20.49	20.59	20.53		
20	64QAM	1	0	20.60	20.66	20.62	21.9	0
20	64QAM	1	49	20.52	20.58	20.61		
20	64QAM	1	99	20.54	20.63	20.51		
20	64QAM	50	0	19.82	19.76	19.79	21	0.9
20	64QAM	50	24	19.70	19.70	19.74		
20	64QAM	50	50	19.71	19.77	19.68		
20	64QAM	100	0	19.67	19.79	19.58		
20	256QAM	1	0	17.75	17.77	17.76	19	2.9
20	256QAM	1	49	17.67	17.78	17.71		
20	256QAM	1	99	17.74	17.73	17.72		
20	256QAM	50	0	17.70	17.79	17.59	19	2.9
20	256QAM	50	24	17.62	17.73	17.65		
20	256QAM	50	50	17.66	17.74	17.62		
20	256QAM	100	0	17.65	17.72	17.58		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.61	20.67	20.62	21.9	0
15	QPSK	1	37	20.45	20.56	20.51		
15	QPSK	1	74	20.54	20.49	20.49		
15	QPSK	36	0	20.51	20.55	20.45	21.9	0
15	QPSK	36	20	20.49	20.56	20.49		
15	QPSK	36	39	20.47	20.58	20.47		
15	QPSK	75	0	20.55	20.53	20.50		
15	16QAM	1	0	20.57	20.49	20.53	21.9	0
15	16QAM	1	37	20.39	20.45	20.53		
15	16QAM	1	74	20.46	20.47	20.40		
15	16QAM	36	0	20.43	20.58	20.47	21.9	0
15	16QAM	36	20	20.37	20.49	20.46		
15	16QAM	36	39	20.39	20.51	20.34		
15	16QAM	75	0	20.36	20.53	20.41		
15	64QAM	1	0	20.55	20.62	20.49	21.9	0
15	64QAM	1	37	20.48	20.56	20.51		
15	64QAM	1	74	20.50	20.53	20.39		
15	64QAM	36	0	19.77	19.70	19.76	21	0.9
15	64QAM	36	20	19.58	19.58	19.68		
15	64QAM	36	39	19.69	19.65	19.59		
15	64QAM	75	0	19.63	19.66	19.55		
15	256QAM	1	0	17.71	17.72	17.69	19	2.9
15	256QAM	1	37	17.55	17.72	17.62		
15	256QAM	1	74	17.63	17.65	17.63		
15	256QAM	36	0	17.68	17.74	17.57	19	2.9
15	256QAM	36	20	17.54	17.70	17.63		
15	256QAM	36	39	17.53	17.66	17.48		
15	256QAM	75	0	17.60	17.69	17.56		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.54	20.65	20.55	21.9	0
10	QPSK	1	25	20.44	20.51	20.61		
10	QPSK	1	49	20.55	20.54	20.46		
10	QPSK	25	0	20.51	20.58	20.47	21.9	0
10	QPSK	25	12	20.45	20.45	20.54		
10	QPSK	25	25	20.50	20.60	20.39		
10	QPSK	50	0	20.49	20.51	20.43		
10	16QAM	1	0	20.57	20.47	20.50	21.9	0
10	16QAM	1	25	20.39	20.51	20.51		
10	16QAM	1	49	20.41	20.53	20.52		
10	16QAM	25	0	20.43	20.62	20.49	21.9	0
10	16QAM	25	12	20.39	20.49	20.46		
10	16QAM	25	25	20.36	20.48	20.39		
10	16QAM	50	0	20.43	20.52	20.50		
10	64QAM	1	0	20.57	20.56	20.48	21.9	0
10	64QAM	1	25	20.39	20.52	20.52		
10	64QAM	1	49	20.40	20.54	20.45		
10	64QAM	25	0	19.69	19.69	19.66	21	0.9
10	64QAM	25	12	19.59	19.60	19.67		
10	64QAM	25	25	19.69	19.71	19.64		
10	64QAM	50	0	19.54	19.69	19.52		
10	256QAM	1	0	17.68	17.73	17.69	19	2.9
10	256QAM	1	25	17.62	17.69	17.59		
10	256QAM	1	49	17.67	17.68	17.68		
10	256QAM	25	0	17.65	17.74	17.48	19	2.9
10	256QAM	25	12	17.56	17.66	17.54		
10	256QAM	25	25	17.56	17.62	17.51		
10	256QAM	50	0	17.59	17.61	17.53		
Channel				26060	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.56	20.59	20.62	21.9	0
5	QPSK	1	12	20.43	20.53	20.60		
5	QPSK	1	24	20.52	20.56	20.49		
5	QPSK	12	0	20.50	20.62	20.40	21.9	0
5	QPSK	12	7	20.48	20.54	20.53		
5	QPSK	12	13	20.57	20.59	20.47		
5	QPSK	25	0	20.49	20.50	20.51		
5	16QAM	1	0	20.54	20.52	20.52	21.9	0
5	16QAM	1	12	20.46	20.49	20.45		
5	16QAM	1	24	20.42	20.54	20.50		
5	16QAM	12	0	20.42	20.55	20.39	21.9	0
5	16QAM	12	7	20.41	20.45	20.39		
5	16QAM	12	13	20.46	20.53	20.31		
5	16QAM	25	0	20.40	20.56	20.51	21.9	0
5	64QAM	1	0	20.53	20.64	20.55		
5	64QAM	1	12	20.40	20.45	20.58		
5	64QAM	1	24	20.44	20.59	20.42		
5	64QAM	12	0	19.70	19.71	19.70	21	0.9
5	64QAM	12	7	19.63	19.59	19.64		
5	64QAM	12	13	19.64	19.73	19.63		
5	64QAM	25	0	19.62	19.68	19.50		
5	256QAM	1	0	17.66	17.72	17.68	19	2.9
5	256QAM	1	12	17.64	17.75	17.65		
5	256QAM	1	24	17.67	17.67	17.62		
5	256QAM	12	0	17.61	17.76	17.55	19	2.9
5	256QAM	12	7	17.59	17.67	17.60		
5	256QAM	12	13	17.52	17.68	17.50		
5	256QAM	25	0	17.61	17.58	17.46		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.62	20.63	20.58	21.9	0
3	QPSK	1	8	20.53	20.55	20.61		
3	QPSK	1	14	20.50	20.54	20.57		
3	QPSK	8	0	20.51	20.58	20.52	21.9	0
3	QPSK	8	4	20.47	20.44	20.49		
3	QPSK	8	7	20.57	20.58	20.46		
3	QPSK	15	0	20.56	20.54	20.48		
3	16QAM	1	0	20.57	20.51	20.55	21.9	0
3	16QAM	1	8	20.43	20.44	20.46		
3	16QAM	1	14	20.44	20.53	20.50		
3	16QAM	8	0	20.38	20.60	20.46	21.9	0
3	16QAM	8	4	20.39	20.46	20.46		
3	16QAM	8	7	20.48	20.44	20.40		
3	16QAM	15	0	20.47	20.55	20.49	21.9	0
3	64QAM	1	0	20.46	20.56	20.49		
3	64QAM	1	8	20.48	20.54	20.52		
3	64QAM	1	14	20.46	20.56	20.48	21	0.9
3	64QAM	8	0	19.79	19.67	19.66		
3	64QAM	8	4	19.63	19.61	19.61		
3	64QAM	8	7	19.67	19.68	19.66		
3	64QAM	15	0	19.58	19.77	19.53		
3	256QAM	1	0	17.61	17.64	17.69	19	2.9
3	256QAM	1	8	17.65	17.75	17.57		
3	256QAM	1	14	17.64	17.61	17.68		
3	256QAM	8	0	17.58	17.73	17.54	19	2.9
3	256QAM	8	4	17.58	17.64	17.58		
3	256QAM	8	7	17.53	17.63	17.52		
3	256QAM	15	0	17.51	17.60	17.55		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.65	20.57	20.57	21.9	0
1.4	QPSK	1	3	20.45	20.59	20.58		
1.4	QPSK	1	5	20.48	20.55	20.56		
1.4	QPSK	3	0	20.51	20.65	20.47		
1.4	QPSK	3	1	20.43	20.50	20.48		
1.4	QPSK	3	3	20.51	20.55	20.47		
1.4	QPSK	6	0	20.55	20.53	20.42	21.9	0
1.4	16QAM	1	0	20.58	20.53	20.55	21.9	0
1.4	16QAM	1	3	20.42	20.55	20.53		
1.4	16QAM	1	5	20.44	20.53	20.51		
1.4	16QAM	3	0	20.43	20.55	20.47		
1.4	16QAM	3	1	20.36	20.50	20.39		
1.4	16QAM	3	3	20.39	20.52	20.34		
1.4	16QAM	6	0	20.40	20.52	20.43	21.9	0
1.4	64QAM	1	0	20.46	20.58	20.52	21.9	0
1.4	64QAM	1	3	20.47	20.53	20.56		
1.4	64QAM	1	5	20.43	20.58	20.42		
1.4	64QAM	3	0	20.37	20.46	20.45		
1.4	64QAM	3	1	20.44	20.46	20.46		
1.4	64QAM	3	3	20.36	20.45	20.36		
1.4	64QAM	6	0	19.55	19.76	19.55	21	0.9
1.4	256QAM	1	0	17.63	17.69	17.67	19	2.9
1.4	256QAM	1	3	17.63	17.74	17.58		
1.4	256QAM	1	5	17.62	17.64	17.65		
1.4	256QAM	3	0	17.68	17.66	17.57		
1.4	256QAM	3	1	17.57	17.66	17.58		
1.4	256QAM	3	3	17.55	17.62	17.50		
1.4	256QAM	6	0	17.59	17.62	17.46	19	2.9

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.17	22.22	22.13	23	0
15	QPSK	1	37	22.16	22.18	22.10		
15	QPSK	1	74	22.15	22.16	22.10		
15	QPSK	36	0	21.25	21.30	21.21	22	1
15	QPSK	36	20	21.12	21.16	21.09		
15	QPSK	36	39	21.18	21.20	21.26		
15	QPSK	75	0	21.08	21.29	21.13		
15	16QAM	1	0	21.17	21.20	21.05	22	1
15	16QAM	1	37	21.21	21.20	21.09		
15	16QAM	1	74	21.03	21.16	21.08		
15	16QAM	36	0	20.25	20.26	20.20	21	2
15	16QAM	36	20	20.24	20.31	20.28		
15	16QAM	36	39	20.17	20.26	20.13		
15	16QAM	75	0	20.20	20.29	20.25		
15	64QAM	1	0	20.25	20.30	20.08	21	2
15	64QAM	1	37	20.12	20.28	20.11		
15	64QAM	1	74	20.16	20.23	20.06		
15	64QAM	36	0	19.19	19.41	19.24	20	3
15	64QAM	36	20	19.27	19.31	19.25		
15	64QAM	36	39	19.12	19.29	19.15		
15	64QAM	75	0	19.16	19.22	19.12		
15	256QAM	1	0	17.32	17.38	17.29	18	5
15	256QAM	1	37	17.34	17.39	17.21		
15	256QAM	1	74	17.21	17.40	17.24		
15	256QAM	36	0	17.27	17.29	17.16	18	5
15	256QAM	36	20	17.24	17.25	17.28		
15	256QAM	36	39	17.24	17.26	17.23		
15	256QAM	75	0	17.08	17.30	17.17		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.10	22.19	22.05	23	0
10	QPSK	1	25	22.09	22.11	22.01		
10	QPSK	1	49	22.03	22.08	22.04		
10	QPSK	25	0	21.18	21.26	21.18	22	1
10	QPSK	25	12	21.05	21.05	20.96		
10	QPSK	25	25	21.10	21.17	21.21		
10	QPSK	50	0	20.93	21.20	21.08		
10	16QAM	1	0	21.04	21.10	20.95	22	1
10	16QAM	1	25	21.10	21.14	20.96		
10	16QAM	1	49	20.94	21.12	21.05		
10	16QAM	25	0	20.13	20.18	20.07	21	2
10	16QAM	25	12	20.20	20.23	20.14		
10	16QAM	25	25	20.13	20.12	19.99		
10	16QAM	50	0	20.06	20.25	20.19		
10	64QAM	1	0	20.17	20.23	19.96	21	2
10	64QAM	1	25	19.97	20.13	19.98		
10	64QAM	1	49	20.03	20.13	20.00		
10	64QAM	25	0	19.15	19.28	19.16	20	3
10	64QAM	25	12	19.19	19.24	19.11		
10	64QAM	25	25	19.02	19.23	19.01		
10	64QAM	50	0	19.07	19.19	19.04		
10	256QAM	1	0	17.25	17.31	17.23	18	5
10	256QAM	1	25	17.19	17.30	17.07		
10	256QAM	1	49	17.12	17.33	17.13		
10	256QAM	25	0	17.21	17.20	17.12	18	5
10	256QAM	25	12	17.09	17.16	17.18		
10	256QAM	25	25	17.09	17.18	17.11		
10	256QAM	50	0	16.97	17.16	17.08		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.13	22.08	22.03	23	0
5	QPSK	1	12	22.04	22.09	22.02		
5	QPSK	1	24	22.11	22.04	22.03		
5	QPSK	12	0	21.22	21.17	21.11	22	1
5	QPSK	12	7	21.00	21.02	20.96		
5	QPSK	12	13	21.09	21.06	21.12		
5	QPSK	25	0	20.97	21.24	21.10		
5	16QAM	1	0	21.06	21.15	20.92	22	1
5	16QAM	1	12	21.11	21.06	20.95		
5	16QAM	1	24	20.91	21.06	20.93		
5	16QAM	12	0	20.17	20.17	20.11	21	2
5	16QAM	12	7	20.13	20.27	20.15		
5	16QAM	12	13	20.11	20.12	20.00		
5	16QAM	25	0	20.15	20.20	20.22		
5	64QAM	1	0	20.20	20.24	20.00	21	2
5	64QAM	1	12	20.08	20.23	19.98		
5	64QAM	1	24	20.08	20.09	19.96		
5	64QAM	12	0	19.10	19.37	19.09	20	3
5	64QAM	12	7	19.22	19.24	19.14		
5	64QAM	12	13	19.08	19.18	19.08		
5	64QAM	25	0	19.08	19.08	19.08	18	5
5	256QAM	1	0	17.28	17.25	17.18		
5	256QAM	1	12	17.21	17.33	17.07		
5	256QAM	1	24	17.10	17.36	17.20		
5	256QAM	12	0	17.22	17.15	17.10	18	5
5	256QAM	12	7	17.12	17.17	17.21		
5	256QAM	12	13	17.11	17.13	17.17		
5	256QAM	25	0	16.95	17.19	17.13		
Channel				26700	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.03	22.13	21.99	23	0
3	QPSK	1	8	22.04	22.11	21.99		
3	QPSK	1	14	22.05	22.05	21.96		
3	QPSK	8	0	21.16	21.17	21.07	22	1
3	QPSK	8	4	21.03	21.02	20.94		
3	QPSK	8	7	21.08	21.11	21.20		
3	QPSK	15	0	21.02	21.26	21.02		
3	16QAM	1	0	21.10	21.09	20.93	22	1
3	16QAM	1	8	21.14	21.05	21.01		
3	16QAM	1	14	20.88	21.06	21.01		
3	16QAM	8	0	20.12	20.13	20.14	21	2
3	16QAM	8	4	20.11	20.26	20.14		
3	16QAM	8	7	20.09	20.20	20.06		
3	16QAM	15	0	20.16	20.19	20.11		
3	64QAM	1	0	20.11	20.24	19.94	21	2
3	64QAM	1	8	20.09	20.17	20.07		
3	64QAM	1	14	20.07	20.13	19.94		
3	64QAM	8	0	19.06	19.31	19.18	20	3
3	64QAM	8	4	19.16	19.27	19.14		
3	64QAM	8	7	19.06	19.15	19.01		
3	64QAM	15	0	19.12	19.15	19.03		
3	256QAM	1	0	17.21	17.35	17.19	18	5
3	256QAM	1	8	17.23	17.30	17.14		
3	256QAM	1	14	17.15	17.36	17.18		
3	256QAM	8	0	17.18	17.14	17.12	18	5
3	256QAM	8	4	17.12	17.21	17.17		
3	256QAM	8	7	17.21	17.13	17.17		
3	256QAM	15	0	17.01	17.17	17.02		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.08	22.16	22.06	23	0
1.4	QPSK	1	3	22.02	22.10	21.96		
1.4	QPSK	1	5	22.02	22.12	22.01		
1.4	QPSK	3	0	22.06	22.12	22.02		
1.4	QPSK	3	1	22.08	22.10	21.99		
1.4	QPSK	3	3	22.08	22.01	21.99		
1.4	QPSK	6	0	21.16	21.17	21.16	22	1
1.4	16QAM	1	0	21.04	21.10	21.04	22	1
1.4	16QAM	1	3	21.07	21.17	21.19		
1.4	16QAM	1	5	21.04	21.22	21.03		
1.4	16QAM	3	0	21.05	21.05	20.92		
1.4	16QAM	3	1	21.10	21.13	21.04		
1.4	16QAM	3	3	20.95	21.12	20.99		
1.4	16QAM	6	0	20.14	20.13	20.16	21	2
1.4	64QAM	1	0	20.19	20.22	20.19	21	2
1.4	64QAM	1	3	20.05	20.18	20.06		
1.4	64QAM	1	5	20.13	20.16	20.11		
1.4	64QAM	3	0	20.16	20.16	20.04		
1.4	64QAM	3	1	20.07	20.22	20.02		
1.4	64QAM	3	3	20.07	20.12	19.90		
1.4	64QAM	6	0	19.13	19.29	19.15	20	3
1.4	256QAM	1	0	17.18	17.27	17.17	18	5
1.4	256QAM	1	3	17.30	17.24	17.17		
1.4	256QAM	1	5	17.06	17.27	17.10		
1.4	256QAM	3	0	17.24	17.21	17.11		
1.4	256QAM	3	1	17.14	17.22	17.22		
1.4	256QAM	3	3	17.12	17.12	17.15		
1.4	256QAM	6	0	17.00	17.16	17.07	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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.42		22.6	0
10	QPSK	1	25		21.38			
10	QPSK	1	49		21.35			
10	QPSK	25	0		21.36		22.6	0
10	QPSK	25	12		21.26			
10	QPSK	25	25		21.32			
10	QPSK	50	0		21.34			
10	16QAM	1	0		21.31		22.6	0
10	16QAM	1	25		21.33			
10	16QAM	1	49		21.26			
10	16QAM	25	0		21.34		22.6	0
10	16QAM	25	12		21.20			
10	16QAM	25	25		21.25			
10	16QAM	50	0		21.23			
10	64QAM	1	0		21.33		22.6	0
10	64QAM	1	25		21.31			
10	64QAM	1	49		21.24			
10	64QAM	25	0		20.80		22	0.6
10	64QAM	25	12		20.69			
10	64QAM	25	25		20.63			
10	64QAM	50	0		20.74			
10	256QAM	1	0		18.87		20	2.6
10	256QAM	1	25		18.84			
10	256QAM	1	49		18.80			
10	256QAM	25	0		18.78		20	2.6
10	256QAM	25	12		18.64			
10	256QAM	25	25		18.71			
10	256QAM	50	0		18.72			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	21.34	21.40	21.36	22.6	0
5	QPSK	1	12	21.38	21.34	21.33		
5	QPSK	1	24	21.27	21.33	21.31		
5	QPSK	12	0	21.25	21.27	21.32	22.6	0
5	QPSK	12	7	21.14	21.21	21.17		
5	QPSK	12	13	21.22	21.26	21.30		
5	QPSK	25	0	21.23	21.29	21.25		
5	16QAM	1	0	21.29	21.25	21.19	22.6	0
5	16QAM	1	12	21.30	21.27	21.24		
5	16QAM	1	24	21.18	21.18	21.17		
5	16QAM	12	0	21.25	21.24	21.23	22.6	0
5	16QAM	12	7	21.14	21.09	21.12		
5	16QAM	12	13	21.19	21.25	21.25		
5	16QAM	25	0	21.17	21.18	21.12		
5	64QAM	1	0	21.27	21.29	21.23	22.6	0
5	64QAM	1	12	21.29	21.30	21.26		
5	64QAM	1	24	21.15	21.14	21.20		
5	64QAM	12	0	20.75	20.80	20.78	22	0.6
5	64QAM

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BW [MHz]	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	20.72	20.76	20.71	22	0
20	QPSK	1	49	20.61	20.74	20.66		
20	QPSK	1	99	20.69	20.70	20.64		
20	QPSK	50	0	20.66	20.73	20.68	22	0
20	QPSK	50	24	20.68	20.63	20.59		
20	QPSK	50	50	20.60	20.69	20.59		
20	QPSK	100	0	20.62	20.67	20.64		
20	16QAM	1	0	20.66	20.71	20.61	22	0
20	16QAM	1	49	20.54	20.69	20.53		
20	16QAM	1	99	20.56	20.85	20.52		
20	16QAM	50	0	20.54	20.68	20.56	22	0
20	16QAM	50	24	20.65	20.58	20.46		
20	16QAM	50	50	20.52	20.59	20.54		
20	16QAM	100	0	20.55	20.63	20.58		
20	64QAM	1	0	20.66	20.69	20.68	22	0
20	64QAM	1	49	20.47	20.65	20.62		
20	64QAM	1	99	20.63	20.64	20.52		
20	64QAM	50	0	19.70	19.79	19.72	21	1
20	64QAM	50	24	19.64	19.79	19.64		
20	64QAM	50	50	19.63	19.73	19.63		
20	64QAM	100	0	19.68	19.71	19.72		
20	256QAM	1	0	17.69	17.73	17.74	19	3
20	256QAM	1	49	17.59	17.72	17.64		
20	256QAM	1	99	17.68	17.74	17.59		
20	256QAM	50	0	17.67	17.74	17.73	19	3
20	256QAM	50	24	17.70	17.59	17.61		
20	256QAM	50	50	17.62	17.75	17.56		
20	256QAM	100	0	17.58	17.63	17.66		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.63	20.73	20.59	22	0
15	QPSK	1	37	20.50	20.71	20.63		
15	QPSK	1	74	20.63	20.62	20.63		
15	QPSK	36	0	20.65	20.65	20.62	22	0
15	QPSK	36	20	20.61	20.61	20.58		
15	QPSK	36	39	20.59	20.64	20.51		
15	QPSK	75	0	20.52	20.60	20.57		
15	16QAM	1	0	20.57	20.63	20.49	22	0
15	16QAM	1	37	20.48	20.58	20.41		
15	16QAM	1	74	20.52	20.62	20.52		
15	16QAM	36	0	20.47	20.64	20.54	22	0
15	16QAM	36	20	20.62	20.48	20.43		
15	16QAM	36	39	20.45	20.50	20.52		
15	16QAM	75	0	20.51	20.63	20.53		
15	64QAM	1	0	20.62	20.62	20.58	22	0
15	64QAM	1	37	20.36	20.61	20.58		
15	64QAM	1	74	20.52	20.64	20.48		
15	64QAM	36	0	19.66	19.70	19.62	21	1
15	64QAM	36	20	19.52	19.75	19.61		
15	64QAM	36	39	19.51	19.69	19.55		
15	64QAM	75	0	19.62	19.60	19.72		
15	256QAM	1	0	17.59	17.67	17.67	19	3
15	256QAM	1	37	17.51	17.61	17.52		
15	256QAM	1	74	17.62	17.72	17.53		
15	256QAM	36	0	17.60	17.66	17.72	19	3
15	256QAM	36	20	17.62	17.56	17.58		
15	256QAM	36	39	17.51	17.71	17.51		
15	256QAM	75	0	17.52	17.63	17.61		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.71	20.74	20.61	22	0
10	QPSK	1	25	20.58	20.65	20.58		
10	QPSK	1	49	20.62	20.69	20.58		
10	QPSK	25	0	20.64	20.58	20.66	22	0
10	QPSK	25	12	20.65	20.62	20.53		
10	QPSK	25	25	20.51	20.67	20.52		
10	QPSK	50	0	20.54	20.60	20.59		
10	16QAM	1	0	20.62	20.70	20.61	22	0
10	16QAM	1	25	20.44	20.59	20.47		
10	16QAM	1	49	20.53	20.63	20.40		
10	16QAM	25	0	20.52	20.81	20.50	22	0
10	16QAM	25	12	20.64	20.51	20.43		
10	16QAM	25	25	20.45	20.58	20.47		
10	16QAM	50	0	20.51	20.61	20.51		
10	64QAM	1	0	20.59	20.63	20.62	22	0
10	64QAM	1	25	20.45	20.58	20.62		
10	64QAM	1	49	20.51	20.59	20.48		
10	64QAM	25	0	19.64	19.77	19.70	21	1
10	64QAM	25	12	19.53	19.70	19.55		
10	64QAM	25	25	19.56	19.68	19.51		
10	64QAM	50	0	19.60	19.64	19.62		
10	256QAM	1	0	17.59	17.68	17.63	19	3
10	256QAM	1	25	17.57	17.71	17.62		
10	256QAM	1	49	17.58	17.73	17.48		
10	256QAM	25	0	17.62	17.71	17.71	19	3
10	256QAM	25	12	17.64	17.49	17.51		
10	256QAM	25	25	17.52	17.74	17.46		
10	256QAM	50	0	17.55	17.55	17.56		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.63	20.70	20.69	22	0
5	QPSK	1	12	20.59	20.72	20.55		
5	QPSK	1	24	20.58	20.65	20.62		
5	QPSK	12	0	20.56	20.67	20.61	22	0
5	QPSK	12	7	20.60	20.54	20.49		
5	QPSK	12	13	20.52	20.66	20.56		
5	QPSK	25	0	20.53	20.67	20.56		
5	16QAM	1	0	20.62	20.69	20.59	22	0
5	16QAM	1	12	20.42	20.60	20.48		
5	16QAM	1	24	20.47	20.56	20.45		
5	16QAM	12	0	20.53	20.59	20.45	22	0
5	16QAM	12	7	20.65	20.57	20.46		
5	16QAM	12	13	20.48	20.57	20.52		
5	16QAM	25	0	20.49	20.55	20.58		
5	64QAM	1	0	20.56	20.57	20.63	22	0
5	64QAM	1	12	20.36	20.56	20.56		
5	64QAM	1	24	20.53	20.57	20.45		
5	64QAM	12	0	19.58	19.68	19.71	21	1
5	64QAM	12	7	19.56	19.75	19.56		
5	64QAM	12	13	19.54	19.69	19.58		
5	64QAM	25	0	19.68	19.65	19.67		
5	256QAM	1	0	17.66	17.69	17.65	19	3
5	256QAM	1	12	17.50	17.63	17.61		
5	256QAM	1	24	17.67	17.72	17.51		
5	256QAM	12	0	17.57	17.63	17.71	19	3
5	256QAM	12	7	17.66	17.49	17.59		
5	256QAM	12	13	17.54	17.63	17.52		
5	256QAM	25	0	17.57	17.56	17.59		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.70	20.73	20.60	22	0
3	QPSK	1	8	20.60	20.74	20.57		
3	QPSK	1	14	20.61	20.62	20.55		
3	QPSK	8	0	20.57	20.61	20.68	22	0
3	QPSK	8	4	20.63	20.62	20.48		
3	QPSK	8	7	20.60	20.66	20.56		
3	QPSK	15	0	20.58	20.63	20.61		
3	16QAM	1	0	20.60	20.61	20.54	22	0
3	16QAM	1	8	20.48	20.58	20.44		
3	16QAM	1	14	20.56	20.65	20.52		
3	16QAM	8	0	20.51	20.67	20.54	22	0
3	16QAM	8	4	20.60	20.47	20.38		
3	16QAM	8	7	20.44	20.49	20.42		
3	16QAM	15	0	20.54	20.62	20.57		
3	64QAM	1	0	20.55	20.60	20.56	22	0
3	64QAM	1	8	20.35	20.59	20.54		
3	64QAM	1	14	20.53	20.52	20.49		
3	64QAM	8	0	19.61	19.67	19.64	21	1
3	64QAM	8	4	19.59	19.69	19.59		
3	64QAM	8	7	19.54	19.65	19.51		
3	64QAM	15	0	19.57	19.60	19.63		
3	256QAM	1	0	17.57	17.73	17.72	19	3
3	256QAM	1	8	17.48	17.62	17.61		
3	256QAM	1	14	17.64	17.67	17.51		
3	256QAM	8	0	17.60	17.67	17.66	19	3
3	256QAM	8	4	17.59	17.49	17.55		
3	256QAM	8	7	17.55	17.66	17.55		
3	256QAM	15	0	17.47	17.56	17.58		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.70	20.73	20.67	22	0
1.4	QPSK	1	3	20.51	20.69	20.58		
1.4	QPSK	1	5	20.62	20.65	20.60		
1.4	QPSK	3	0	20.66	20.62	20.67		
1.4	QPSK	3	1	20.61	20.54	20.56		
1.4	QPSK	3	3	20.50	20.68	20.49		
1.4	QPSK	6	0	20.52	20.57	20.53	22	0
1.4	16QAM	1	0	20.61	20.64	20.55	22	0
1.4	16QAM	1	3	20.45	20.66	20.49		
1.4	16QAM	1	5	20.48	20.58	20.52		
1.4	16QAM	3	0	20.42	20.64	20.47		
1.4	16QAM	3	1	20.57	20.48	20.44		
1.4	16QAM	3	3	20.50	20.47	20.45		
1.4	16QAM	6	0	20.43	20.63	20.51	22	0
1.4	64QAM	1	0	20.66	20.61	20.66	22	0
1.4	64QAM	1	3	20.44	20.65	20.55		
1.4	64QAM	1	5	20.59	20.57	20.42		
1.4	64QAM	3	0	20.56	20.50	20.63		
1.4	64QAM	3	1	20.34	20.62	20.44		
1.4	64QAM	3	3	20.58	20.47	20.42		
1.4	64QAM	6	0	19.60	19.62	19.63	21	1
1.4	256QAM	1	0	17.65	17.68	17.70	19	3
1.4	256QAM	1	3	17.56	17.62	17.56		
1.4	256QAM	1	5	17.60	17.73	17.55		
1.4	256QAM	3	0	17.66	17.69	17.64		
1.4	256QAM	3	1	17.65	17.52	17.58		
1.4	256QAM	3	3	17.61	17.68	17.53		
1.4	256QAM	6	0	17.51	17.58	17.59	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.51	22.54	22.52	24	0
20	QPSK	1	49	22.42	22.46	22.46		
20	QPSK	1	99	22.51	22.45	22.44		
20	QPSK	50	0	21.49	21.60	21.50	23	1
20	QPSK	50	24	21.43	21.46	21.35		
20	QPSK	50	50	21.44	21.53	21.47		
20	QPSK	100	0	21.48	21.61	21.52		
20	16QAM	1	0	21.49	21.53	21.46	23	1
20	16QAM	1	49	21.53	21.54	21.42		
20	16QAM	1	99	21.33	21.55	21.39		
20	16QAM	50	0	20.58	20.54	20.56	22	2
20	16QAM	50	24	20.68	20.60	20.54		
20	16QAM	50	50	20.56	20.61	20.33		
20	16QAM	100	0	20.48	20.68	20.58		
20	64QAM	1	0	20.60	20.61	20.52	22	2
20	64QAM	1	49	20.47	20.61	20.37		
20	64QAM	1	99	20.53	20.46	20.39		
20	64QAM	50	0	19.51	19.78	19.58	21	3
20	64QAM	50	24	19.49	19.70	19.54		
20	64QAM	50	50	19.47	19.52	19.59		
20	64QAM	100	0	19.48	19.53	19.33		
20	256QAM	1	0	17.66	17.67	17.66	19	5
20	256QAM	1	49	17.50	17.71	17.47		
20	256QAM	1	99	17.49	17.58	17.65		
20	256QAM	50	0	17.56	17.65	17.57	19	5
20	256QAM	50	24	17.50	17.54	17.64		
20	256QAM	50	50	17.62	17.62	17.68		
20	256QAM	100	0	17.48	17.57	17.54		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.43	22.50	22.39	24	0
15	QPSK	1	37	22.32	22.41	22.39		
15	QPSK	1	74	22.40	22.35	22.32		
15	QPSK	36	0	21.37	21.51	21.36	23	1
15	QPSK	36	20	21.37	21.36	21.20		
15	QPSK	36	39	21.32	21.48	21.38		
15	QPSK	75	0	21.36	21.58	21.40		
15	16QAM	1	0	21.35	21.40	21.41	23	1
15	16QAM	1	37	21.38	21.48	21.36		
15	16QAM	1	74	21.23	21.51	21.35		
15	16QAM	36	0	20.52	20.48	20.42	22	2
15	16QAM	36	20	20.64	20.54	20.50		
15	16QAM	36	39	20.50	20.50	20.27		
15	16QAM	75	0	20.42	20.57	20.52		
15	64QAM	1	0	20.56	20.51	20.37	22	2
15	64QAM	1	37	20.32	20.50	20.26		
15	64QAM	1	74	20.47	20.32	20.29		
15	64QAM	36	0	19.37	19.68	19.50	21	3
15	64QAM	36	20	19.36	19.59	19.41		
15	64QAM	36	39	19.38	19.45	19.50		
15	64QAM	75	0	19.34	19.48	19.27		
15	256QAM	1	0	17.59	17.55	17.62	19	5
15	256QAM	1	37	17.38	17.62	17.35		
15	256QAM	1	74	17.41	17.48	17.51		
15	256QAM	36	0	17.52	17.55	17.50	19	5
15	256QAM	36	20	17.42	17.45	17.56		
15	256QAM	36	39	17.58	17.52	17.60		
15	256QAM	75	0	17.35	17.48	17.49		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.36	22.42	22.46	24	0
10	QPSK	1	25	22.34	22.31	22.36		
10	QPSK	1	49	22.45	22.36	22.35		
10	QPSK	25	0	21.34	21.55	21.36	23	1
10	QPSK	25	12	21.31	21.39	21.24		
10	QPSK	25	25	21.40	21.47	21.33		
10	QPSK	50	0	21.44	21.52	21.39		
10	16QAM	1	0	21.34	21.39	21.42	23	1
10	16QAM	1	25	21.39	21.51	21.28		
10	16QAM	1	49	21.22	21.43	21.31		
10	16QAM	25	0	20.46	20.49	20.49	22	2
10	16QAM	25	12	20.57	20.48	20.43		
10	16QAM	25	25	20.41	20.53	20.24		
10	16QAM	50	0	20.43	20.58	20.45		
10	64QAM	1	0	20.56	20.47	20.39	22	2
10	64QAM	1	25	20.36	20.48	20.29		
10	64QAM	1	49	20.44	20.40	20.30		
10	64QAM	25	0	19.47	19.73	19.44	21	3
10	64QAM	25	12	19.40	19.59	19.44		
10	64QAM	25	25	19.40	19.42	19.54		
10	64QAM	50	0	19.36	19.39	19.22		
10	256QAM	1	0	17.58	17.61	17.55	19	5
10	256QAM	1	25	17.38	17.59	17.41		
10	256QAM	1	49	17.43	17.55	17.56		
10	256QAM	25	0	17.45	17.56	17.49	19	5
10	256QAM	25	12	17.38	17.46	17.56		
10	256QAM	25	25	17.52	17.57	17.55		
10	256QAM	50	0	17.33	17.47	17.40		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.46	22.51	22.42	24	0
5	QPSK	1	12	22.31	22.34	22.32		
5	QPSK	1	24	22.39	22.31	22.33		
5	QPSK	12	0	21.43	21.49	21.44	23	1
5	QPSK	12	7	21.33	21.40	21.27		
5	QPSK	12	13	21.29	21.48	21.44		
5	QPSK	25	0	21.34	21.49	21.44		
5	16QAM	1	0	21.36	21.44	21.35	23	1
5	16QAM	1	12	21.43	21.42	21.32		
5	16QAM	1	24	21.19	21.43	21.27		
5	16QAM	12	0	20.51	20.45	20.43	22	2
5	16QAM	12	7	20.65	20.51	20.47		
5	16QAM	12	13	20.46	20.49	20.21		
5	16QAM	25	0	20.35	20.55	20.48	22	2
5	64QAM	1	0	20.53	20.49	20.41		
5	64QAM	1	12	20.42	20.48	20.28		
5	64QAM	1	24	20.42	20.34	20.31		
5	64QAM	12	0	19.41	19.69	19.49	21	3
5	64QAM	12	7	19.39	19.60	19.50		
5	64QAM	12	13	19.43	19.38	19.51		
5	64QAM	25	0	19.35	19.49	19.20		
5	256QAM	1	0	17.56	17.62	17.55	19	5
5	256QAM	1	12	17.43	17.56	17.33		
5	256QAM	1	24	17.36	17.52	17.61		
5	256QAM	12	0	17.45	17.53	17.46	19	5
5	256QAM	12	7	17.38	17.51	17.55		
5	256QAM	12	13	17.53	17.58	17.58		
5	256QAM	25	0	17.33	17.51	17.49		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.26	22.35	22.26	23.2	0
20	QPSK	1	49	22.17	22.23	22.24		
20	QPSK	1	99	22.28	22.20	22.11		
20	QPSK	50	0	22.18	22.33	22.29		
20	QPSK	50	24	22.20	22.21	22.12		
20	QPSK	50	50	22.25	22.26	22.13		
20	QPSK	100	0	22.22	22.27	22.15		
20	16QAM	1	0	22.18	22.25	22.15		
20	16QAM	1	49	22.17	22.26	22.21	23.2	0
20	16QAM	1	99	22.19	22.10	22.02		
20	16QAM	50	0	22.06	22.13	22.00		
20	16QAM	50	24	21.93	22.05	22.16	23	0.2
20	16QAM	50	50	22.02	22.08	21.97		
20	16QAM	100	0	21.97	22.08	22.06		
20	64QAM	1	0	21.88	22.12	21.92		
20	64QAM	1	49	21.92	22.04	21.96	23	0.2
20	64QAM	1	99	22.06	22.05	22.02		
20	64QAM	50	0	21.09	21.03	21.11		
20	64QAM	50	24	20.92	20.97	21.13	22	1.2
20	64QAM	50	50	21.03	21.04	21.00		
20	64QAM	100	0	20.99	21.03	21.08		
20	256QAM	1	0	19.08	19.08	19.07		
20	256QAM	1	49	19.03	19.04	19.15	20	3.2
20	256QAM	1	99	19.03	19.05	18.96		
20	256QAM	50	0	19.05	19.02	19.04		
20	256QAM	50	24	19.04	19.06	19.01	20	3.2
20	256QAM	50	50	18.97	19.00	18.98		
20	256QAM	100	0	19.05	18.99	18.97		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	22.23	22.22	22.13	23.2	0
15	QPSK	1	37	22.08	22.15	22.18		
15	QPSK	1	74	22.24	22.16	22.02		
15	QPSK	36	0	22.11	22.21	22.27		
15	QPSK	36	20	22.11	22.12	22.01	23.2	0
15	QPSK	36	39	22.12	22.12	22.03		
15	QPSK	75	0	22.15	22.18	22.12		
15	16QAM	1	0	22.04	22.16	22.06		
15	16QAM	1	37	22.11	22.20	22.11	23.2	0
15	16QAM	1	74	22.13	22.08	21.93		
15	16QAM	36	0	21.96	21.99	21.95		
15	16QAM	36	20	21.83	22.00	22.09	23	0.2
15	16QAM	36	39	21.99	22.00	21.85		
15	16QAM	75	0	21.83	21.97	22.03		
15	64QAM	1	0	21.78	21.99	21.81		
15	64QAM	1	37	21.86	21.94	21.88	23	0.2
15	64QAM	1	74	21.93	21.96	21.98		
15	64QAM	36	0	21.00	20.93	21.06		
15	64QAM	36	20	20.79	20.90	21.17	22	1.2
15	64QAM	36	39	21.00	20.97	20.95		
15	64QAM	75	0	20.96	20.92	20.96		
15	256QAM	1	0	19.01	19.01	18.96		
15	256QAM	1	37	18.96	18.97	19.08	20	3.2
15	256QAM	1	74	18.96	19.01	18.87		
15	256QAM	36	0	18.98	18.95	19.00		
15	256QAM	36	20	18.99	18.95	18.97	20	3.2
15	256QAM	36	39	18.92	18.97	18.90		
15	256QAM	75	0	18.95	18.95	18.89		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	22.15	22.28	22.20	23.2	0
10	QPSK	1	25	22.03	22.11	22.17		
10	QPSK	1	49	22.17	22.16	21.98		
10	QPSK	25	0	22.15	22.23	22.15		
10	QPSK	25	12	22.15	22.08	22.05	23.2	0
10	QPSK	25	25	22.14	22.20	22.03		
10	QPSK	50	0	22.16	22.14	22.12		
10	16QAM	1	0	22.12	22.20	22.12		
10	16QAM	1	25	22.06	22.22	22.08	23.2	0
10	16QAM	1	49	22.09	22.07	21.91		
10	16QAM	25	0	21.93	22.03	21.89		
10	16QAM	25	12	21.92	21.99	22.03	23	0.2
10	16QAM	25	25	21.90	22.06	21.84		
10	16QAM	50	0	21.88	21.95	22.03		
10	64QAM	1	0	21.83	21.99	21.89		
10	64QAM	1	25	21.86	21.95	21.84	23	0.2
10	64QAM	1	49	21.97	21.94	21.96		
10	64QAM	25	0	21.02	20.89	21.05		
10	64QAM	25	12	20.89	20.92	21.03	22	1.2
10	64QAM	25	25	20.90	20.91	20.89		
10	64QAM	50	0	20.91	20.91	20.95		
10	256QAM	1	0	19.04	18.96	18.99		
10	256QAM	1	25	18.96	19.00	19.02	20	3.2
10	256QAM	1	49	18.99	18.92	18.87		
10	256QAM	25	0	18.93	18.96	18.92		
10	256QAM	25	12	18.99	19.01	18.94	20	3.2
10	256QAM	25	25	18.94	18.87	18.90		
10	256QAM	50	0	19.03	18.89	18.92		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	22.23	22.23	22.17	23.2	0
5	QPSK	1	12	22.04	22.18	22.13		
5	QPSK	1	24	22.16	22.11	22.07		
5	QPSK	12	0	22.06	22.25	22.16		
5	QPSK	12	7	22.13	22.17	21.99	23.2	0
5	QPSK	12	13	22.17	22.12	22.02		
5	QPSK	25	0	22.20	22.17	22.13		
5	16QAM	1	0	22.10	22.16	22.04		
5	16QAM	1	12	22.15	22.21	22.11	23.2	0
5	16QAM	1	24	22.09	21.99	21.94		
5	16QAM	12	0	21.95	22.07	21.96		
5	16QAM	12	7	21.82	21.99	22.14	23	0.2
5	16QAM	12	13	21.99	21.97	21.84		
5	16QAM	25	0	21.89	21.98	21.97		
5	64QAM	1	0	21.82	22.03	21.84		
5	64QAM	1	12	21.79	21.90	21.87	23	0.2
5	64QAM	1	24	21.95	21.97	21.97		
5	64QAM	12	0	20.98	20.92	21.01		
5	64QAM	12	7	20.86	20.86	21.06	22	1.2
5	64QAM	12	13	21.00	20.94	20.95		
5	64QAM	25	0	20.86	20.99	20.96		
5	256QAM	1	0	18.97	18.98	18.96		
5	256QAM	1	12	18.93	18.96	19.12	20	3.2
5	256QAM	1	24	18.90	18.94	18.89		
5	256QAM	12	0	19.01	18.94	18.96		
5	256QAM	12	7	18.99	18.93	18.88	20	3.2
5	256QAM	12	13	18.85	18.91	18.87		
5	256QAM	25	0	18.98	18.91	18.87		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.32	22.35	22.40	22.36	22.31	23.2	0
20	QPSK	1	49	22.24	22.26	22.30	22.36	22.25		
20	QPSK	1	99	22.29	22.32	22.33	22.25	22.23		
20	QPSK	50	0	22.26	22.31	22.37	22.35	22.23		
20	QPSK	50	24	22.29	22.25	22.34	22.26	22.28		
20	QPSK	50	50	22.26	22.27	22.36	22.25	22.28		
20	QPSK	100	0	22.21	22.27	22.34	22.26	22.26		
20	16QAM	1	0	22.25	22.25	22.32	22.25	22.25		
20	16QAM	1	49	22.19	22.20	22.28	22.33	22.22	23.2	0
20	16QAM	1	99	22.19	22.24	22.22	22.13	22.15		
20	16QAM	50	0	22.08	22.09	22.19	22.12	22.07		
20	16QAM	50	24	22.02	22.01	22.11	22.18	22.05	23	0.2
20	16QAM	50	50	22.13	22.06	22.13	22.09	21.99		
20	16QAM	100	0	22.03	22.06	22.15	22.19	22.06		
20	64QAM	1	0	22.08	22.02	22.15	22.02	22.02		
20	64QAM	1	49	22.03	22.01	22.10	22.07	22.12	23	0.2
20	64QAM	1	99	21.96	22.12	22.18	22.10	22.08		
20	64QAM	50	0	21.16	21.20	21.17	21.14	21.12		
20	64QAM	50	24	21.01	21.02	21.09	21.18	21.02	22	1.2
20	64QAM	50	50	21.14	21.06	21.07	21.10	21.07		
20	64QAM	100	0	21.09	21.12	21.15	21.19	21.00		
20	256QAM	1	0	19.13	19.17	19.18	19.16	19.15		
20	256QAM	1	49	19.05	19.08	19.12	19.22	19.01	20	3.2
20	256QAM	1	99	19.12	19.12	19.17	19.00	19.02		
20	256QAM	50	0	19.10	19.16	19.13	19.15	19.00		
20	256QAM	50	24	19.06	19.08	19.19	19.12	19.04	20	3.2
20	256QAM	50	50	19.05	19.09	19.11	19.01	19.08		
20	256QAM	100	0	18.96	19.11	19.11	19.02	19.05		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	22.25	22.27	22.27	22.26	22.28	23	0
15	QPSK	1	37	22.17	22.21	22.26	22.33	22.19		
15	QPSK	1	74	22.27	22.21	22.26	22.16	22.12		
15	QPSK	36	0	22.17	22.26	22.25	22.29	22.13		
15	QPSK	36	20	22.21	22.12	22.26	22.22	22.20	23.2	0
15	QPSK	36	39	22.18	22.24	22.27	22.16	22.21		
15	QPSK	75	0	22.09	22.20	22.23	22.17	22.16		
15	16QAM	1	0	22.19	22.17	22.19	22.19	22.18		
15	16QAM	1	37	22.14	22.09	22.17	22.30	22.20	23.2	0
15	16QAM	1	74	22.15	22.16	22.16	22.06	22.03		
15	16QAM	36	0	21.97	22.05	22.13	21.98	21.95		
15	16QAM	36	20	21.95	21.89	22.03	22.13	21.97	23	0.2
15	16QAM	36	39	22.00	21.99	22.07	21.96	21.93		
15	16QAM	75	0	21.93	21.96	22.12	22.15	21.97		
15	64QAM	1	0	22.06	21.94	22.12	21.97	21.97		
15	64QAM	1	37	21.97	21.96	22.00	21.94	22.06	23	0.2
15	64QAM	1	74	21.90	22.02	22.11	22.00	21.94		
15	64QAM	36	0	21.07	21.12	21.09	21.05	21.07		
15	64QAM	36	20	20.97	20.99	21.01	21.05	20.91	22	1.2
15	64QAM	36	39	21.01	21.03	21.03	21.00	21.01		
15	64QAM	75	0	21.01	21.02	21.04	21.17	20.93		
15	256QAM	1	0	19.04	19.06	19.06	19.12	19.07		
15	256QAM	1	37	18.91	19.04	19.03	19.16	18.89	20	3.2
15	256QAM	1	74	19.06	19.06	19.13	18.93	18.94		
15	256QAM	36	0	18.97	19.08	19.02	19.09	18.92		
15	256QAM	36	20	18.97	18.95	19.11	19.04	18.99	20	3.2
15	256QAM	36	39	18.92	18.98	18.97	18.94	19.02		
15	256QAM	75	0	18.83	19.08	18.99	18.99	18.95		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	22.27	22.27	22.37	22.32	22.27	23	0
10	QPSK	1	25	22.17	22.19	22.27	22.30	22.18		
10	QPSK	1	49	22.25	22.21	22.29	22.22	22.10		
10	QPSK	25	0	22.12	22.20	22.27	22.24	22.19		
10	QPSK	25	12	22.27	22.12	22.21	22.20	22.21	23.2	0
10	QPSK	25	25	22.21	22.16	22.34	22.17	22.16		
10	QPSK	50	0	22.13	22.15	22.20	22.23	22.21		
10	16QAM	1	0	22.12	22.18	22.27	22.13	22.17		
10	16QAM	1	25	22.11	22.06	22.18	22.28	22.17	23.2	0
10	16QAM	1	49	22.08	22.14	22.10	21.99	22.08		
10	16QAM	25	0	21.95	22.06	22.11	22.04	22.02		
10	16QAM	25	12	21.90	21.91	21.99	22.12	21.98	23	0.2
10	16QAM	25	25	22.04	21.94	22.08	21.99	21.89		
10	16QAM	50	0	22.00	22.03	22.04	22.11	21.93		
10	64QAM	1	0	22.01	21.92	22.10	21.89	21.92		
10	64QAM	1	25	21.95	21.94	21.96	22.03	22.07	23	0.2
10	64QAM	1	49	21.89	22.09	22.11	21.97	21.98		
10	64QAM	25	0	21.09	21.13	21.07	21.06	21.06		
10	64QAM	25	12	20.98	20.88	21.00	21.08	20.89	22	1.2
10	64QAM	25	25	21.11	21.03	20.98	20.99	21.04		
10	64QAM	50	0	20.99	21.02	21.10	21.08	20.89		
10	256QAM	1	0	19.01	19.15	19.13	19.06	19.11		
10	256QAM	1	25	18.94	18.98	19.01	19.18	18.95	20	3.2
10	256QAM	1	49	19.05	18.99	19.08	18.92	18.95		
10	256QAM	25	0	19.06	19.12	19.02	19.08	18.86		
10	256QAM	25	12	18.95	19.00	19.10	19.02	18.92	20	3.2
10	256QAM	25	25	18.92	19.05	18.98	18.96	18.99		
10	256QAM	50	0	18.92	19.01	19.03	18.89	19.00		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	22.27	22.26	22.31	22.25	22.20	23	0
5	QPSK	1	12	22.10	22.17	22.19	22.27	22.16		
5	QPSK	1	24	22.20	22.30	22.30	22.12	22.19		
5	QPSK	12	0	22.16	22.25	22.34	22.27	22.17		
5	QPSK	12	7	22.20	22.14	22.26	22.13	22.20	23.2	0
5	QPSK	12	13	22.19	22.23	22.33	22.22	22.24		
5	QPSK	25	0	22.17	22.21	22.29	22.20	22.18		
5	16QAM	1	0	22.23	22.13	22.24	22.14	22.18		
5	16QAM	1	12	22.17	22.12	22.16	22.25	22.16	23.2	0
5	16QAM	1	24	22.08	22.18	22.14	22.09	22.06		
5	16QAM	12	0	21.97	22.05	22.15	22.01	21.95		
5	16QAM	12	7	21.91	21.97	22.00	22.15	21.91	23	0.2
5	16QAM	12	13	22.01	21.94	22.08	22.00	21.96		
5	16QAM	25	0	21.97	22.03	22.02	22.08	21.95		
5	64QAM	1	0	21.96	21.90	22.06	21.91	21.99		
5	64QAM	1	12	21.92	21.99	22.07	21.97	22.03	23	0.2
5	64QAM	1	24	21.93	22.02	22.05	21.96	22.02		
5	64QAM	12	0	21.02	21.16	21.10	21.07	21.04		
5	64QAM	12	7	20.87	20.89	21.02	21.12	20.99	22	1.2
5	64QAM	12	13	21.11	20.94	20.94	21.06	21.05		
5	64QAM	25	0	20.98	21.03	21.08	21.13	20.97		
5	256QAM	1	0	19.10	19.04	19.15	19.03	19.06		
5	256QAM	1	12	18.94	18.95	19.05	19.12	18.91	20	3.2
5	256QAM	1	24	19.03	19.07	19.03	18.94	18.91		
5	256QAM	12	0	19.00	19.04	19.09	19.01	18.96		
5	256QAM	12	7	18.93	19.01	19.12	19.08	19.01	20	3.2
5	256QAM	12	13	18.93	19.06	19.08	18.94	19.05		
5	256QAM	25	0	18.92	19.00	18.99	18.92	18.91		

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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	23.60	23.62	23.66	23.63	23.58	24.8	0
20	QPSK	1	49	23.47	23.49	23.53	23.50	23.55		
20	QPSK	1	99	23.54	23.59	23.63	23.51	23.45		
20	QPSK	50	0	23.47	23.57	23.62	23.52	23.49		
20	QPSK	50	24	23.48	23.59	23.56	23.58	23.45		
20	QPSK	50	50	23.47	23.53	23.55	23.57	23.53		
20	QPSK	100	0	23.47	23.50	23.58	23.57	23.53		
20	16QAM	1	0	23.51	23.48	23.54	23.51	23.47		
20	16QAM	1	49	23.42	23.36	23.43	23.45	23.51		
20	16QAM	1	99	23.51	23.49	23.50	23.46	23.41		
20	16QAM	50	0	23.42	23.55	23.58	23.41	23.46		
20	16QAM	50	24	23.41	23.51	23.54	23.48	23.40		
20	16QAM	50	50	23.43	23.44	23.46	23.54	23.48		
20	16QAM	100	0	23.38	23.45	23.44	23.50	23.42		
20	64QAM	1	0	23.47	23.57	23.54	23.52	23.52		
20	64QAM	1	49	23.35	23.44	23.49	23.39	23.49		
20	64QAM	1	99	23.48	23.57	23.52	23.45	23.41		
20	64QAM	50	0	23.43	23.43	23.56	23.48	23.37		
20	64QAM	50	24	23.42	23.46	23.53	23.50	23.36		
20	64QAM	50	50	23.34	23.40	23.48	23.46	23.46		
20	64QAM	100	0	23.36	23.42	23.52	23.53	23.46		
20	256QAM	1	0	21.82	21.83	21.88	21.88	21.77	23	1.8
20	256QAM	1	49	21.71	21.74	21.76	21.74	21.70		
20	256QAM	1	99	21.75	21.84	21.80	21.65	21.65		
20	256QAM	50	0	21.62	21.79	21.82	21.76	21.74		
20	256QAM	50	24	21.71	21.75	21.77	21.81	21.70	23	1.8
20	256QAM	50	50	21.68	21.67	21.74	21.76	21.75		
20	256QAM	100	0	21.64	21.65	21.75	21.80	21.77		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	23.49	23.53	23.54	23.54	23.55	25	0
15	QPSK	1	37	23.36	23.41	23.41	23.40	23.49		
15	QPSK	1	74	23.46	23.51	23.54	23.44	23.40		
15	QPSK	36	0	23.44	23.48	23.58	23.39	23.39		
15	QPSK	36	20	23.45	23.47	23.49	23.55	23.33	24.8	0
15	QPSK	36	39	23.36	23.49	23.50	23.46	23.40		
15	QPSK	75	0	23.35	23.43	23.53	23.49	23.51		
15	16QAM	1	0	23.44	23.37	23.45	23.48	23.41		
15	16QAM	1	37	23.38	23.32	23.31	23.41	23.43	24.8	0
15	16QAM	1	74	23.50	23.45	23.43	23.34	23.39		
15	16QAM	36	0	23.29	23.43	23.51	23.31	23.34		
15	16QAM	36	20	23.32	23.46	23.47	23.36	23.29	24.8	0
15	16QAM	36	39	23.39	23.41	23.44	23.50	23.36		
15	16QAM	75	0	23.27	23.39	23.32	23.47	23.34		
15	64QAM	1	0	23.39	23.45	23.52	23.51	23.42		
15	64QAM	1	37	23.33	23.39	23.46	23.35	23.39	24.8	0
15	64QAM	1	74	23.41	23.48	23.39	23.40	23.34		
15	64QAM	36	0	23.36	23.34	23.44	23.42	23.28		
15	64QAM	36	20	23.32	23.43	23.51	23.37	23.33	24.8	0
15	64QAM	36	39	23.26	23.34	23.41	23.43	23.38		
15	64QAM	75	0	23.27	23.34	23.42	23.48	23.36		
15	256QAM	1	0	21.72	21.79	21.82	21.79	21.65	23	1.8
15	256QAM	1	37	21.63	21.69	21.74	21.63	21.64		
15	256QAM	1	74	21.62	21.77	21.74	21.52	21.57		
15	256QAM	36	0	21.49	21.70	21.75	21.67	21.66		
15	256QAM	36	20	21.69	21.69	21.66	21.71	21.67	23	1.8
15	256QAM	36	39	21.55	21.59	21.72	21.65	21.65		
15	256QAM	75	0	21.61	21.61	21.68	21.79	21.69		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	23.58	23.55	23.62	23.50	23.51	25	0
10	QPSK	1	25	23.43	23.36	23.48	23.44	23.53		
10	QPSK	1	49	23.46	23.52	23.51	23.45	23.39		
10	QPSK	25	0	23.38	23.53	23.58	23.45	23.47		
10	QPSK	25	12	23.44	23.50	23.43	23.51	23.39	24.8	0
10	QPSK	25	25	23.46	23.41	23.51	23.55	23.46		
10	QPSK	50	0	23.35	23.43	23.52	23.52	23.47		
10	16QAM	1	0	23.46	23.40	23.44	23.38	23.35		
10	16QAM	1	25	23.37	23.33	23.35	23.33	23.41	24.8	0
10	16QAM	1	49	23.44	23.41	23.42	23.37	23.29		
10	16QAM	25	0	23.38	23.43	23.50	23.39	23.37		
10	16QAM	25	12	23.32	23.41	23.42	23.42	23.32	24.8	0
10	16QAM	25	25	23.32	23.39	23.40	23.50	23.44		
10	16QAM	50	0	23.37	23.38	23.41	23.47	23.35		
10	64QAM	1	0	23.41	23.51	23.48	23.46	23.47		
10	64QAM	1	25	23.33	23.39	23.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.41	19.47	19.32		
20	QPSK	1	49	19.21	19.34	19.31	20.7	0
20	QPSK	1	99	19.34	19.29	19.24		
20	QPSK	50	0	19.27	19.41	19.32		
20	QPSK	50	24	19.23	19.33	19.26	20.7	0
20	QPSK	50	50	19.32	19.33	19.33		
20	QPSK	100	0	19.21	19.35	19.28		
20	16QAM	1	0	19.27	19.22	19.32		
20	16QAM	1	49	19.19	19.40	19.32	20.7	0
20	16QAM	1	99	19.26	19.25	19.19		
20	16QAM	50	0	19.13	19.27	19.20		
20	16QAM	50	24	19.14	19.17	19.27	20.7	0
20	16QAM	50	50	19.23	19.34	19.31		
20	16QAM	100	0	19.24	19.19	19.31		
20	64QAM	1	0	19.26	19.25	19.29		
20	64QAM	1	49	19.22	19.37	19.25	20.7	0
20	64QAM	1	99	19.21	19.22	19.21		
20	64QAM	50	0	19.13	19.26	19.22		
20	64QAM	50	24	19.17	19.19	19.15	20.7	0
20	64QAM	50	50	19.23	19.25	19.20		
20	64QAM	100	0	19.19	19.30	19.22		
20	256QAM	1	0	17.70	17.70	17.67		
20	256QAM	1	49	17.46	17.65	17.57	19	1.7
20	256QAM	1	99	17.56	17.63	17.54		
20	256QAM	50	0	17.66	17.70	17.53		
20	256QAM	50	24	17.59	17.60	17.59	19	1.7
20	256QAM	50	50	17.60	17.65	17.60		
20	256QAM	100	0	17.54	17.59	17.63		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.35	19.38	19.21		
15	QPSK	1	37	19.14	19.24	19.22	20.7	0
15	QPSK	1	74	19.31	19.22	19.18		
15	QPSK	36	0	19.16	19.37	19.28		
15	QPSK	36	20	19.22	19.28	19.24	20.7	0
15	QPSK	36	39	19.29	19.26	19.28		
15	QPSK	75	0	19.18	19.29	19.18		
15	16QAM	1	0	19.20	19.20	19.27		
15	16QAM	1	37	19.06	19.31	19.21	20.7	0
15	16QAM	1	74	19.13	19.13	19.07		
15	16QAM	36	0	19.08	19.19	19.18		
15	16QAM	36	20	19.13	19.16	19.15	20.7	0
15	16QAM	36	39	19.14	19.31	19.24		
15	16QAM	75	0	19.15	19.17	19.18		
15	64QAM	1	0	19.16	19.19	19.21		
15	64QAM	1	37	19.18	19.33	19.18	20.7	0
15	64QAM	1	74	19.09	19.17	19.14		
15	64QAM	36	0	19.11	19.19	19.20		
15	64QAM	36	20	19.08	19.13	19.02	20.7	0
15	64QAM	36	39	19.13	19.23	19.15		
15	64QAM	75	0	19.17	19.29	19.12		
15	256QAM	1	0	17.64	17.60	17.58		
15	256QAM	1	37	17.34	17.59	17.48	19	1.7
15	256QAM	1	74	17.51	17.58	17.53		
15	256QAM	36	0	17.54	17.65	17.43		
15	256QAM	36	20	17.57	17.53	17.57	19	1.7
15	256QAM	36	39	17.55	17.56	17.56		
15	256QAM	75	0	17.51	17.55	17.57		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.30	19.35	19.21		
10	QPSK	1	25	19.12	19.24	19.20	20.7	0
10	QPSK	1	49	19.24	19.27	19.19		
10	QPSK	25	0	19.17	19.31	19.27		
10	QPSK	25	12	19.20	19.29	19.24	20.7	0
10	QPSK	25	25	19.21	19.23	19.24		
10	QPSK	50	0	19.20	19.28	19.26		
10	16QAM	1	0	19.18	19.18	19.27		
10	16QAM	1	25	19.16	19.35	19.22	20.7	0
10	16QAM	1	49	19.23	19.17	19.10		
10	16QAM	25	0	19.02	19.22	19.12		
10	16QAM	25	12	19.11	19.15	19.15	20.7	0
10	16QAM	25	25	19.20	19.23	19.25		
10	16QAM	50	0	19.21	19.07	19.19		
10	64QAM	1	0	19.24	19.12	19.19		
10	64QAM	1	25	19.12	19.27	19.18	20.7	0
10	64QAM	1	49	19.15	19.17	19.09		
10	64QAM	25	0	19.05	19.17	19.10		
10	64QAM	25	12	19.10	19.13	19.10	20.7	0
10	64QAM	25	25	19.18	19.22	19.14		
10	64QAM	50	0	19.11	19.22	19.20		
10	256QAM	1	0	17.60	17.64	17.58		
10	256QAM	1	25	17.45	17.57	17.45	19	1.7
10	256QAM	1	49	17.46	17.58	17.50		
10	256QAM	25	0	17.53	17.65	17.50		
10	256QAM	25	12	17.51	17.57	17.56	19	1.7
10	256QAM	25	25	17.54	17.64	17.55		
10	256QAM	50	0	17.47	17.49	17.51		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.32	19.36	19.20		
5	QPSK	1	12	19.18	19.25	19.19	20.7	0
5	QPSK	1	24	19.32	19.24	19.22		
5	QPSK	12	0	19.21	19.35	19.22		
5	QPSK	12	7	19.18	19.24	19.13	20.7	0
5	QPSK	12	13	19.30	19.23	19.26		
5	QPSK	25	0	19.08	19.32	19.18		
5	16QAM	1	0	19.19	19.10	19.26		
5	16QAM	1	12	19.08	19.28	19.29	20.7	0
5	16QAM	1	24	19.20	19.23	19.16		
5	16QAM	12	0	19.04	19.20	19.17		
5	16QAM	12	7	19.05	19.16	19.25	20.7	0
5	16QAM	12	13	19.13	19.33	19.29		
5	16QAM	25	0	19.20	19.11	19.25		
5	64QAM	1	0	19.17	19.23	19.27		
5	64QAM	1	12	19.11	19.24	19.13	20.7	0
5	64QAM	1	24	19.08	19.17	19.20		
5	64QAM	12	0	19.11	19.22	19.13		
5	64QAM	12	7	19.11	19.07	19.04	20.7	0
5	64QAM	12	13	19.15	19.15	19.18		
5	64QAM	25	0	19.14	19.23	19.21		
5	256QAM	1	0	17.64	17.67	17.55		
5	256QAM	1	12	17.40	17.61	17.45	19	1.7
5	256QAM	1	24	17.52	17.54	17.48		
5	256QAM	12	0	17.44	17.70	17.47		
5	256QAM	12	7	17.54	17.59	17.57	19	1.7
5	256QAM	12	13	17.55	17.62	17.57		
5	256QAM	25	0	17.41	17.53	17.60		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.40	19.41	19.30		
3	QPSK	1	8	19.16	19.30	19.24	20.7	0
3	QPSK	1	14	19.29	19.23	19.17		
3	QPSK	8	0	19.18	19.34	19.27		
3	QPSK	8	4	19.17	19.26	19.17	20.7	0
3	QPSK	8	7	19.22	19.27	19.23		
3	QPSK	15	0	19.12	19.27	19.24		
3	16QAM	1	0	19.21	19.21	19.23		
3	16QAM	1	8	19.07	19.38	19.26	20.7	0
3	16QAM	1	14	19.23	19.20	19.12		
3	16QAM	8	0	19.07	19.16	19.11		
3	16QAM	8	4	19.06	19.11	19.15	20.7	0
3	16QAM	8	7	19.17	19.29	19.27		
3	16QAM	15	0	19.14	19.13	19.29		
3	64QAM	1	0	19.21	19.23	19.24		
3	64QAM	1	8	19.18	19.28	19.17	20.7	0
3	64QAM	1	14	19.10	19.20	19.16		
3	64QAM	8	0	19.04	19.24	19.17		
3	64QAM	8	4	19.15	19.09	19.10	20.7	0
3	64QAM	8	7	19.21	19.21	19.13		
3	64QAM	15	0	19.09	19.23	19.11		
3	256QAM	1	0	17.58	17.62	17.58		
3	256QAM	1	8	17.37	17.58	17.48	19	1.7
3	256QAM	1	14	17.48	17.60	17.43		
3	256QAM	8	0	17.54	17.69	17.47		
3	256QAM	8	4	17.47	17.58	17.50	19	1.7
3	256QAM	8	7	17.49	17.64	17.51		
3	256QAM	15	0	17.49	17.53	17.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.35	19.43	19.25		
1.4	QPSK	1	3	19.13	19.29	19.22		
1.4	QPSK	1	5	19.30	19.21	19.22	20.7	0
1.4	QPSK	3	0	19.16	19.39	19.20		
1.4	QPSK	3	1	19.25	19.20	19.20		
1.4	QPSK	3	3	19.26	19.24	19.22		
1.4	QPSK	6	0	19.16	19.28	19.16	20.7	0
1.4	16QAM	1	0	19.19	19.19	19.20		
1.4	16QAM	1	3	19.15	19.36	19.21		
1.4	16QAM	1	5	19.20	19.21	19.10	20.7	0
1.4	16QAM	3	0	19.02	19.20	19.15		
1.4	16QAM	3	1	19.04	19.12	19.10		
1.4	16QAM	3	3	19.14	19.33	19.27		
1.4	16QAM	6	0	19.18	19.10	19.21	20.7	0
1.4	64QAM	1	0	19.24	19.23	19.21		
1.4	64QAM	1	3	19.20	19.36	19.20		
1.4	64QAM	1	5	19.19	19.26	19.17	20.7	0
1.4	64QAM	3	0	19.04	19.19	19.20		
1.4	64QAM	3	1	19.05	19.15	19.04		
1.4	64QAM	3	3	19.20	19.21	19.17		
1.4	64QAM	6	0	19.18	19.21	19.16	20.7	0
1.4	256QAM	1	0	17.64	17.62	17.62		
1.4	256QAM	1	3	17.35	17.59	17.55		
1.4	256QAM	1	5	17.51	17.58	17.45	19	1.7
1.4	256QAM	3	0	17.49	17.62	17.41		
1.4	256QAM	3	1	17.49	17.57	17.50		
1.4	256QAM	3	3	17.51	17.57	17.52		
1.4	256QAM	6	0	17.45	17.47	17.50	19	1.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.89	19.93	19.87		
20	QPSK	1	49	19.90	19.88	19.86	21.1	0
20	QPSK	1	99	19.82	19.92	19.87		
20	QPSK	50	0	19.76	19.92	19.82		
20	QPSK	50	24	19.89	19.85	19.90	21.1	0
20	QPSK	50	50	19.81	19.84	19.84		
20	QPSK	100	0	19.85	19.91	19.84		
20	16QAM	1	0	19.89	19.79	19.80		
20	16QAM	1	49	19.73	19.76	19.79	21.1	0
20	16QAM	1	99	19.75	19.74	19.86		
20	16QAM	50	0	19.69	19.82	19.83		
20	16QAM	50	24	19.77	19.81	19.75	21.1	0
20	16QAM	50	50	19.75	19.81	19.77		
20	16QAM	100	0	19.82	19.81	19.74		
20	64QAM	1	0	19.86	19.82	19.75		
20	64QAM	1	49	19.75	19.75	19.75	21.1	0
20	64QAM	1	99	19.80	19.90	19.84		
20	64QAM	50	0	19.68	19.76	19.72		
20	64QAM	50	24	19.74	19.58	19.64	21	0.1
20	64QAM	50	50	19.65	19.74	19.63		
20	64QAM	100	0	19.83	19.64	19.77		
20	256QAM	1	0	17.70	17.80	17.76		
20	256QAM	1	49	17.76	17.76	17.75	19	2.1
20	256QAM	1	99	17.68	17.84	17.71		
20	256QAM	50	0	17.71	17.71	17.78		
20	256QAM	50	24	17.73	17.77	17.77	19	2.1
20	256QAM	50	50	17.67	17.81	17.67		
20	256QAM	100	0	17.67	17.77	17.66		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.76	19.86	19.82		
15	QPSK	1	37	19.80	19.81	19.77	21.1	0
15	QPSK	1	74	19.77	19.80	19.79		
15	QPSK	36	0	19.72	19.91	19.77		
15	QPSK	36	20	19.78	19.79	19.82	21.1	0
15	QPSK	36	39	19.78	19.73	19.75		
15	QPSK	75	0	19.76	19.87	19.81		
15	16QAM	1	0	19.82	19.70	19.74		
15	16QAM	1	37	19.62	19.65	19.75	21.1	0
15	16QAM	1	74	19.82	19.65	19.79		
15	16QAM	36	0	19.66	19.71	19.75		
15	16QAM	36	20	19.68	19.79	19.71	21.1	0
15	16QAM	36	39	19.71	19.75	19.59		
15	16QAM	75	0	19.73	19.68	19.69		
15	64QAM	1	0	19.76	19.76	19.64		
15	64QAM	1	37	19.62	19.66	19.68	21.1	0
15	64QAM	1	74	19.70	19.77	19.80		
15	64QAM	36	0	19.62	19.64	19.67		
15	64QAM	36	20	19.63	19.54	19.57	21	0.1
15	64QAM	36	39	19.62	19.68	19.50		
15	64QAM	75	0	19.51	19.60	19.72		
15	256QAM	1	0	17.62	17.77	17.70		
15	256QAM	1	37	17.69	17.67	17.66	19	2.1
15	256QAM	1	74	17.63	17.83	17.64		
15	256QAM	36	0	17.65	17.77	17.77		
15	256QAM	36	20	17.66	17.67	17.69	19	2.1
15	256QAM	36	39	17.61	17.78	17.59		
15	256QAM	75	0	17.61	17.59	17.61		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.85	19.81	19.80		
10	QPSK	1	25	19.83	19.76	19.78	21.1	0
10	QPSK	1	49	19.73	19.74	19.74		
10	QPSK	25	0	19.73	19.81	19.73		
10	QPSK	25	12	19.79	19.72	19.83	21.1	0
10	QPSK	25	25	19.76	19.76	19.76		
10	QPSK	50	0	19.82	19.81	19.80		
10	16QAM	1	0	19.87	19.72	19.79		
10	16QAM	1	25	19.71	19.69	19.68	21.1	0
10	16QAM	1	49	19.71	19.64	19.73		
10	16QAM	25	0	19.56	19.69	19.77		
10	16QAM	25	12	19.71	19.74	19.72	21.1	0
10	16QAM	25	25	19.66	19.74	19.60		
10	16QAM	50	0	19.77	19.79	19.67		
10	64QAM	1	0	19.75	19.76	19.65		
10	64QAM	1	25	19.67	19.63	19.66	21.1	0
10	64QAM	1	49	19.68	19.85	19.76		
10	64QAM	25	0	19.62	19.69	19.64		
10	64QAM	25	12	19.64	19.48	19.63	21	0.1
10	64QAM	25	25	19.53	19.72	19.53		
10	64QAM	50	0	19.60	19.58	19.75		
10	256QAM	1	0	17.65	17.77	17.65		
10	256QAM	1	25	17.70	17.73	17.68	19	2.1
10	256QAM	1	49	17.59	17.80	17.63		
10	256QAM	25	0	17.70	17.70	17.76		
10	256QAM	25	12	17.70	17.75	17.61	19	2.1
10	256QAM	25	25	17.57	17.75	17.61		
10	256QAM	50	0	17.63	17.62	17.55		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.77	19.83	19.77		
5	QPSK	1	12	19.86	19.83	19.83	21.1	0
5	QPSK	1	24	19.72	19.80	19.77		
5	QPSK	12	0	19.71	19.79	19.70		
5	QPSK	12	7	19.77	19.73	19.84	21.1	0
5	QPSK	12	13	19.70	19.72	19.74		
5	QPSK	25	0	19.84	19.85	19.81		
5	16QAM	1	0	19.85	19.76	19.68		
5	16QAM	1	12	19.70	19.71	19.68	21.1	0
5	16QAM	1	24	19.66	19.71	19.76		
5	16QAM	12	0	19.61	19.73	19.65		
5	16QAM	12	7	19.64	19.69	19.63	21.1	0
5	16QAM	12	13	19.68	19.78	19.67		
5	16QAM	25	0	19.74	19.71	19.66		
5	64QAM	1	0	19.78	19.76	19.63		
5	64QAM	1	12	19.67	19.63	19.69	21.1	0
5	64QAM	1	24	19.79	19.81	19.76		
5	64QAM	12	0	19.64	19.73	19.63		
5	64QAM	12	7	19.71	19.68	19.80	21	0.1
5	64QAM	12	13	19.54	19.72	19.57		
5	64QAM	25	0	19.53	19.56	19.69		
5	256QAM	1	0	17.58	17.69	17.72		
5	256QAM	1	12	17.64	17.65	17.71	19	2.1
5	256QAM	1	24	17.66	17.72	17.67		
5	256QAM	12	0	17.64	17.68	17.69		
5	256QAM	12	7	17.68	17.68	17.73	19	2.1
5	256QAM	12	13	17.57	17.69	17.61		
5	256QAM	25	0	17.58	17.61	17.54		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.84	19.85	19.85		
3	QPSK	1	8	19.78	19.76	19.79	21.1	0
3	QPSK	1	14	19.76	19.90	19.78		
3	QPSK	8	0	19.75	19.85	19.71		
3	QPSK	8	4	19.78	19.74	19.81	21.1	0
3	QPSK	8	7	19.71	19.77	19.78		
3	QPSK	15	0	19.81	19.79	19.79		
3	16QAM	1	0	19.79	19.73	19.70		
3	16QAM	1	8	19.63	19.66	19.68	21.1	0
3	16QAM	1	14	19.72	19.63	19.78		
3	16QAM	8	0	19.60	19.70	19.75		
3	16QAM	8	4	19.71	19.79	19.64	21.1	0
3	16QAM	8	7	19.70	19.68	19.61		
3	16QAM	15	0	19.79	19.77	19.69		
3	64QAM	1	0	19.82	19.75	19.70		
3	64QAM	1	8	19.71	19.65	19.64	21.1	0
3	64QAM	1	14	19.70	19.80	19.79		
3	64QAM	8	0	19.59	19.68	19.66		
3	64QAM	8	4	19.72	19.54	19.56	21	0.1
3	64QAM	8	7	19.61	19.67	19.50		
3	64QAM	15	0	19.58	19.57	19.68		
3	256QAM	1	0	17.63	17.68	17.64		
3	256QAM	1	8	17.71	17.69	17.65	19	2.1
3	256QAM	1	14	17.61	17.82	17.65		
3	256QAM	8	0	17.60	17.69	17.71		
3	256QAM	8	4	17.62	17.66	17.73	19	2.1
3	256QAM	8	7	17.65	17.74	17.66		
3	256QAM	15	0	17.63	17.59	17.63		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.81	19.88	19.76		
1.4	QPSK	1	3	19.81	19.78	19.82		
1.4	QPSK	1	5	19.71	19.91	19.84	21.1	0
1.4	QPSK	3	0	19.73	19.83	19.70		
1.4	QPSK	3	1	19.87	19.74	19.77		
1.4	QPSK	3	3	19.77	19.75	19.72		
1.4	QPSK	6	0	19.73	19.79	19.77	21.1	0
1.4	16QAM	1	0	19.84	19.68	19.77		
1.4	16QAM	1	3	19.68	19.70	19.74		
1.4	16QAM	1	5	19.73	19.63	19.82	21.1	0
1.4	16QAM	3	0	19.63	19.70	19.81		
1.4	16QAM	3	1	19.72	19.74	19.73		
1.4	16QAM	3	3	19.73	19.74	19.65		
1.4	16QAM	6	0	19.79	19.75	19.68	21.1	0
1.4	64QAM	1	0	19.80	19.73	19.72		
1.4	64QAM	1	3	19.71	19.68	19.72		
1.4	64QAM	1	5	19.78	19.86	19.73	21.1	0
1.4	64QAM	3	0	19.61	19.65	19.67		
1.4	64QAM	3	1	19.68	19.55	19.60		
1.4	64QAM	3	3	19.57	19.69	19.55		
1.4	64QAM	6	0	19.51	19.63	19.72	21	0.1
1.4	256QAM	1	0	17.63	17.68	17.74		
1.4	256QAM	1	3	17.73	17.75	17.67		
1.4	256QAM	1	5	17.61	17.73	17.64	19	2.1
1.4	256QAM	3	0	17.68	17.61	17.71		
1.4	256QAM	3	1	17.63	17.76	17.67		
1.4	256QAM	3	3	17.60	17.76	17.58		
1.4	256QAM	6	0	17.64	17.60	17.53	19	2.1

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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				20459	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.72	21.82	21.79		
10	QPSK	1	25	21.64	21.75	21.65	23	0
10	QPSK	1	49	21.70	21.70	21.76		
10	QPSK	25	0	20.73	20.84	20.79		
10	QPSK	25	12	20.67	20.75	20.64		
10	QPSK	25	25	20.74	20.64	20.76	22	1
10	QPSK	50	0	20.70	20.78	20.75		
10	16QAM	1	0	20.69	20.78	20.79		
10	16QAM	1	25	20.66	20.79	20.65	22	1
10	16QAM	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.72	21.76	21.71	23	0
10	QPSK	1	25	21.66	21.76	21.66		
10	QPSK	1	49	21.61	21.69	21.67		
10	QPSK	25	0	20.68	20.78	20.77	22	1
10	QPSK	25	12	20.67	20.74	20.63		
10	QPSK	25	25	20.59	20.74	20.70		
10	QPSK	50	0	20.68	20.73	20.65		
10	16QAM	1	0	20.70	20.72	20.66	22	1
10	16QAM	1	25	20.63	20.70	20.70		
10	16QAM	1	49	20.62	20.69	20.62		
10	16QAM	25	0	19.66	19.74	19.74	21	2
10	16QAM	25	12	19.63	19.74	19.58		
10	16QAM	25	25	19.64	19.76	19.75		
10	16QAM	50	0	19.65	19.78	19.59		
10	64QAM	1	0	19.67	19.76	19.77	21	2
10	64QAM	1	25	19.61	19.69	19.69		
10	64QAM	1	49	19.58	19.74	19.64		
10	64QAM	25	0	18.66	18.76	18.82	20	3
10	64QAM	25	12	18.65	18.75	18.68		
10	64QAM	25	25	18.60	18.78	18.70		
10	64QAM	50	0	18.67	18.68	18.70		
10	256QAM	1	0	16.62	16.84	16.80	18	5
10	256QAM	1	25	16.70	16.75	16.63		
10	256QAM	1	49	16.55	16.80	16.73		
10	256QAM	25	0	16.67	16.73	16.70	18	5
10	256QAM	25	12	16.65	16.74	16.68		
10	256QAM	25	25	16.66	16.71	16.72		
10	256QAM	50	0	16.63	16.72	16.60		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.60	21.64	21.59	23	0
5	QPSK	1	12	21.62	21.66	21.52		
5	QPSK	1	24	21.51	21.64	21.58		
5	QPSK	12	0	20.59	20.65	20.69	22	1
5	QPSK	12	7	20.65	20.64	20.51		
5	QPSK	12	13	20.51	20.62	20.65		
5	QPSK	25	0	20.63	20.64	20.57		
5	16QAM	1	0	20.61	20.64	20.58	22	1
5	16QAM	1	12	20.56	20.58	20.63		
5	16QAM	1	24	20.59	20.63	20.57		
5	16QAM	12	0	19.57	19.65	19.71	21	2
5	16QAM	12	7	19.52	19.70	19.52		
5	16QAM	12	13	19.53	19.70	19.62		
5	16QAM	25	0	19.54	19.70	19.54		
5	64QAM	1	0	19.62	19.71	19.71	21	2
5	64QAM	1	12	19.55	19.61	19.55		
5	64QAM	1	24	19.55	19.62	19.57		
5	64QAM	12	0	18.57	18.70	18.77	20	3
5	64QAM	12	7	18.61	18.71	18.62		
5	64QAM	12	13	18.50	18.65	18.66		
5	64QAM	25	0	18.58	18.63	18.64		
5	256QAM	1	0	16.52	16.78	16.72	18	5
5	256QAM	1	12	16.64	16.64	16.50		
5	256QAM	1	24	16.42	16.76	16.68		
5	256QAM	12	0	16.64	16.63	16.65	18	5
5	256QAM	12	7	16.54	16.72	16.63		
5	256QAM	12	13	16.59	16.61	16.59		
5	256QAM	25	0	16.59	16.70	16.53		
Channel				22025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.59	21.65	21.66	23	0
3	QPSK	1	8	21.60	21.64	21.62		
3	QPSK	1	14	21.57	21.56	21.54		
3	QPSK	8	0	20.65	20.67	20.71	22	1
3	QPSK	8	4	20.60	20.66	20.59		
3	QPSK	8	7	20.52	20.63	20.61		
3	QPSK	15	0	20.60	20.63	20.53		
3	16QAM	1	0	20.66	20.64	20.59	22	1
3	16QAM	1	8	20.58	20.60	20.60		
3	16QAM	1	14	20.59	20.63	20.56		
3	16QAM	8	0	19.63	19.64	19.72	21	2
3	16QAM	8	4	19.52	19.66	19.55		
3	16QAM	8	7	19.53	19.64	19.62		
3	16QAM	15	0	19.52	19.64	19.51		
3	64QAM	1	0	19.59	19.69	19.73	21	2
3	64QAM	1	8	19.50	19.67	19.65		
3	64QAM	1	14	19.55	19.69	19.55		
3	64QAM	8	0	18.60	18.73	18.74	20	3
3	64QAM	8	4	18.59	18.71	18.56		
3	64QAM	8	7	18.55	18.75	18.64		
3	64QAM	15	0	18.58	18.64	18.59		
3	256QAM	1	0	16.54	16.81	16.75	18	5
3	256QAM	1	8	16.65	16.62	16.54		
3	256QAM	1	14	16.53	16.71	16.60		
3	256QAM	8	0	16.63	16.62	16.64	18	5
3	256QAM	8	4	16.53	16.62	16.63		
3	256QAM	8	7	16.62	16.59	16.69		
3	256QAM	15	0	16.53	16.62	16.50		
Channel				22017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.67	21.66	21.59	23	0
1.4	QPSK	1	3	21.59	21.62	21.55		
1.4	QPSK	1	5	21.58	21.64	21.59		
1.4	QPSK	3	0	21.59	21.58	21.48		
1.4	QPSK	3	1	21.57	21.56	21.47		
1.4	QPSK	3	3	21.46	21.57	21.55		
1.4	QPSK	6	0	20.59	20.70	20.56	22	1
1.4	16QAM	1	0	20.61	20.59	20.63	22	1
1.4	16QAM	1	3	20.58	20.68	20.67		
1.4	16QAM	1	5	20.53	20.60	20.51		
1.4	16QAM	3	0	20.56	20.58	20.51		
1.4	16QAM	3	1	20.54	20.48	20.50		
1.4	16QAM	3	3	20.49	20.66	20.55		
1.4	16QAM	6	0	19.59	19.65	19.54	21	2
1.4	64QAM	1	0	19.56	19.67	19.65	21	2
1.4	64QAM	1	3	19.57	19.62	19.56		
1.4	64QAM	1	5	19.51	19.69	19.60		
1.4	64QAM	3	0	19.57	19.52	19.46		
1.4	64QAM	3	1	19.53	19.59	19.62		
1.4	64QAM	3	3	19.52	19.50	19.47		
1.4	64QAM	6	0	18.58	18.59	18.57	20	3
1.4	256QAM	1	0	16.50	16.79	16.74	18	5
1.4	256QAM	1	3	16.66	16.68	16.61		
1.4	256QAM	1	5	16.51	16.74	16.61		
1.4	256QAM	3	0	16.60	16.62	16.66		
1.4	256QAM	3	1	16.60	16.64	16.54		
1.4	256QAM	3	3	16.55	16.62	16.63		
1.4	256QAM	6	0	16.52	16.61	16.57	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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.92		23	0
10	QPSK	1	25		21.85			
10	QPSK	1	49		21.81			
10	QPSK	25	0		20.97		22	1
10	QPSK	25	12		20.87			
10	QPSK	25	25		20.80			
10	QPSK	50	0		20.88			
10	16QAM	1	0		20.87		22	1
10	16QAM	1	25		20.87			
10	16QAM	1	49		20.75			
10	16QAM	25	0		19.96		21	2
10	16QAM	25	12		19.82			
10	16QAM	25	25		19.77			
10	16QAM	50	0		19.86			
10	64QAM	1	0		19.87		21	2
10	64QAM	1	25		19.88			
10	64QAM	1	49		19.83			
10	64QAM	25	0		19.01		20	3
10	64QAM	25	12		18.92			
10	64QAM	25	25		18.85			
10	64QAM	50	0		18.93			
10	256QAM	1	0		16.98		18	5
10	256QAM	1	25		16.82			
10	256QAM	1	49		16.84			
10	256QAM	25	0		16.85		18	5
10	256QAM	25	12		16.86			
10	256QAM	25	25		16.88			
10	256QAM	50	0		16.70			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.78	21.88	21.79	23	0
5	QPSK	1	12	21.72	21.72	21.76		
5	QPSK	1	24	21.78	21.78	21.78		
5	QPSK	12	0	20.86	20.89	20.84	22	1
5	QPSK	12	7	20.76	20.75	20.74		
5	QPSK	12	13	20.76	20.73	20.74		
5	QPSK	25	0	20.86	20.79	20.80		
5	16QAM	1	0	20.83	20.74	20.82	22	1
5	16QAM	1	12	20.82	20.84	20.79		
5	16QAM	1	24	20.66	20.68	20.71		
5	16QAM	12	0	19.85	19.91	19.90	21	2
5	16QAM	12	7	19.74	19.80	19.75		
5	16QAM	12	13	19.65	19.68	19.71		
5	16QAM	25	0	19.83	19.77	19.72		
5	64QAM	1	0	19.75	19.83	19.82	21	2
5	64QAM	1	12	19.75	19.77	19.79		
5	64QAM	1	24	19.73	19.69	19.75		
5	64QAM	12	0	18.90	18.87	18.97	20	3
5	64QAM	12	7	18.84	18.87	18.82		
5	64QAM	12	13	18.79	18.82	18.82		
5	64QAM	25	0	18.85	18.89	18.82		
5	256QAM	1	0	16.85	16.89	16.91	18	5
5	256QAM	1	12	16.80	16.76	16.76		
5	256QAM	1	24	16.72	16.74	16.71		
5	256QAM	12	0	16.77	16.81	16.75	18	5
5	256QAM	12	7	16.73	16.78	16.78		
5	256QAM	12	13	16.83	16.86	16.74		
5	256QAM	25	0	16.62	16.66	16.67		

Band 14 Ant 1 ECI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.95		23	0
10	QPSK	1	25		21.91			
10	QPSK	1	49		21.86			
10	QPSK	25	0		20.98		22	1
10	QPSK	25	12		20.85			
10	QPSK	25	25		20.86			
10	QPSK	50	0		20.94			
10	16QAM	1	0		20.92		22	1
10	16QAM	1	25		20.88			
10	16QAM	1	49		20.83			
10	16QAM	25	0		19.98		21	2
10	16QAM	25	12		19.84			
10	16QAM	25	25		19.84			
10	16QAM	50	0		19.89			
10	64QAM	1	0		19.92		21	2
10	64QAM	1	25		19.95			
10	64QAM	1	49		19.85			
10	64QAM	25	0		18.94		20	3
10	64QAM	25	12		18.80			
10	64QAM	25	25		18.89			
10	64QAM	50	0		18.99			
10	256QAM	1	0		16.98		18	5
10	256QAM	1	25		16.87			
10	256QAM	1	49		16.89			
10	256QAM	25	0		16.96		18	5
10	256QAM	25	12		16.96			
10	256QAM	25	25		16.94			
10	256QAM	50	0		16.82			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.89	21.93	21.84	23	0
5	QPSK	1	12	21.83	21.86	21.82		
5	QPSK	1	24	21.78	21.81	21.83		
5	QPSK	12	0	20.85	20.96	20.93	22	1
5	QPSK	12	7	20.79	20.72	20.81		
5	QPSK	12	13	20.79	20.76	20.82		
5	QPSK	25	0	20.90	20.90	20.80		
5	16QAM	1	0	20.82	20.84	20.87	22	1
5	16QAM	1	12	20.86	20.80	20.75		
5	16QAM	1	24	20.79	20.76	20.80		
5	16QAM	12	0	19.88	19.87	19.94	21	2
5	16QAM	12	7	19.77	19.77	19.75		
5	16QAM	12	13	19.81	19.76	19.79		
5	16QAM	25	0	19.84	19.78	19.85		
5	64QAM	1	0	19.87	19.87	19.80	21	2
5	64QAM	1	12	19.90	19.92	19.87		
5	64QAM	1	24	19.80	19.73	19.72		
5	64QAM	12	0	18.83	18.83	18.91	20	3
5	64QAM	12	7	18.72	18.76	18.69		
5	64QAM	12	13	18.76	18.80	18.82		
5	64QAM	25	0	18.95	18.97	18.95		
5	256QAM	1	0	16.91	16.86	16.88	18	5
5	256QAM	1	12	16.82	16.74	16.78		
5	256QAM	1	24	16.86	16.76	16.78		
5	256QAM	12	0	16.85	16.87	16.90	18	5
5	256QAM	12	7	16.93	16.94	16.94		
5	256QAM	12	13	16.92	16.84	16.86		
5	256QAM	25	0	16.71	16.73	16.75		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23790	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.67	21.70	21.62	23	0
10	QPSK	1	25	21.59	21.67	21.63		
10	QPSK	1	49	21.57	21.62	21.53		
10	QPSK	25	0	20.58	20.75	20.67	22	1
10	QPSK	25	12	20.63	20.70	20.57		
10	QPSK	25	25	20.47	20.71	20.64		
10	QPSK	50	0	20.60	20.69	20.62		
10	16QAM	1	0	20.56	20.58	20.55	22	1
10	16QAM	1	25	20.56	20.64	20.66		
10	16QAM	1	49	20.56	20.65	20.55		
10	16QAM	25	0	19.55	19.70	19.62	21	2
10	16QAM	25	12	19.58	19.64	19.51		
10	16QAM	25	25	19.61	19.73	19.72		
10	16QAM	50	0	19.63	19.71	19.56		
10	64QAM	1	0	19.64	19.66	19.74	21	2
10	64QAM	1	25	19.53	19.63	19.62		
10	64QAM	1	49	19.52	19.67	19.54		
10	64QAM	25	0	18.59	18.66	18.69	20	3
10	64QAM	25	12	18.58	18.71	18.57		
10	64QAM	25	25	18.52	18.71	18.59		
10	64QAM	50	0	18.59	18.58	18.62		
10	256QAM	1	0	16.54	16.79	16.66	18	5
10	256QAM	1	25	16.59	16.65	16.54		
10	256QAM	1	49	16.47	16.70	16.68		
10	256QAM	25	0	16.63	16.68	16.66	18	5
10	256QAM	25	12	16.52	16.63	16.55		
10	256QAM	25	25	16.63	16.60	16.62		
10	256QAM	50	0	16.56	16.60	16.48		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.61	21.64	21.53	23	0
5	QPSK	1	12	21.49	21.54	21.57		
5	QPSK	1	24	21.46	21.57	21.44		
5	QPSK	12	0	20.51	20.66	20.55	22	1
5	QPSK	12	7	20.59	20.63	20.52		
5	QPSK	12	13	20.45	20.64	20.56		
5	QPSK	25	0	20.56	20.65	20.49		
5	16QAM	1	0	20.44	20.47	20.50	22	1
5	16QAM	1	12	20.53	20.59	20.60		
5	16QAM	1	24	20.44	20.58	20.51		
5	16QAM	12	0	19.43	19.59	19.50	21	2
5	16QAM	12	7	19.51	19.61	19.44		
5	16QAM	12	13	19.57	19.71	19.58		
5	16QAM	25	0	19.58	19.58	19.43		
5	64QAM	1	0	19.51	19.58	19.70	21	2
5	64QAM	1	12	19.45	19.52	19.50		
5	64QAM	1	24	19.46	19.62	19.41		
5	64QAM	12	0	18.47	18.62	18.65	20	3
5	64QAM	12	7	18.46	18.69	18.43		
5	64QAM	12	13	18.43	18.62	18.51		
5	64QAM	25	0	18.55	18.50	18.60		
5	256QAM	1	0	16.41	16.77	16.64	18	5
5	256QAM	1	12	16.46	16.57	16.46		
5	256QAM	1	24	16.38	16.64	16.59		
5	256QAM	12	0	16.60	16.62	16.55	18	5
5	256QAM	12	7	16.45	16.52	16.45		
5	256QAM	12	13	16.61	16.55	16.57		
5	256QAM	25	0	16.46	16.55	16.37		

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BW [MHz]	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	19.42	19.48	19.43	20.7	0
20	QPSK	1	49	19.30	19.45	19.41		
20	QPSK	1	99	19.36	19.40	19.32		
20	QPSK	50	0	19.35	19.43	19.39	20.7	0
20	QPSK	50	24	19.32	19.37	19.37		
20	QPSK	50	50	19.40	19.42	19.38		
20	QPSK	100	0	19.33	19.39	19.37		
20	16QAM	1	0	19.40	19.35	19.34	20.7	0
20	16QAM	1	49	19.21	19.43	19.34		
20	16QAM	1	99	19.32	19.32	19.31		
20	16QAM	50	0	19.23	19.39	19.28	20.7	0
20	16QAM	50	24	19.19	19.29	19.33		
20	16QAM	50	50	19.27	19.38	19.37		
20	16QAM	100	0	19.29	19.32	19.34		
20	64QAM	1	0	19.34	19.36	19.31	20.7	0
20	64QAM	1	49	19.24	19.41	19.33		
20	64QAM	1	99	19.25	19.35	19.32		
20	64QAM	50	0	19.22	19.33	19.35	20.7	0
20	64QAM	50	24	19.25	19.27	19.26		
20	64QAM	50	50	19.32	19.33	19.33		
20	64QAM	100	0	19.29	19.35	19.34		
20	256QAM	1	0	17.78	17.79	17.78	19	1.7
20	256QAM	1	49	17.59	17.77	17.66		
20	256QAM	1	99	17.65	17.71	17.56		
20	256QAM	50	0	17.66	17.75	17.63	19	1.7
20	256QAM	50	24	17.62	17.69	17.62		
20	256QAM	50	50	17.68	17.69	17.68		
20	256QAM	100	0	17.63	17.64	17.65		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.33	19.45	19.40	20.7	0
15	QPSK	1	37	19.18	19.37	19.36		
15	QPSK	1	74	19.24	19.36	19.21		
15	QPSK	36	0	19.27	19.32	19.36	20.7	0
15	QPSK	36	20	19.29	19.30	19.33		
15	QPSK	36	39	19.30	19.32	19.29		
15	QPSK	75	0	19.20	19.36	19.27		
15	16QAM	1	0	19.37	19.32	19.28	20.7	0
15	16QAM	1	37	19.15	19.38	19.28		
15	16QAM	1	74	19.24	19.23	19.25		
15	16QAM	36	0	19.19	19.37	19.26	20.7	0
15	16QAM	36	20	19.12	19.20	19.32		
15	16QAM	36	39	19.20	19.25	19.26		
15	16QAM	75	0	19.16	19.29	19.23		
15	64QAM	1	0	19.31	19.26	19.20	20.7	0
15	64QAM	1	37	19.21	19.36	19.30		
15	64QAM	1	74	19.18	19.27	19.18		
15	64QAM	36	0	19.09	19.31	19.26	20.7	0
15	64QAM	36	20	19.16	19.24	19.16		
15	64QAM	36	39	19.29	19.29	19.27		
15	64QAM	75	0	19.19	19.28	19.21		
15	256QAM	1	0	17.75	17.70	17.68	19	1.7
15	256QAM	1	37	17.51	17.68	17.56		
15	256QAM	1	74	17.57	17.64	17.49		
15	256QAM	36	0	17.60	17.71	17.52	19	1.7
15	256QAM	36	20	17.58	17.59	17.58		
15	256QAM	36	39	17.65	17.68	17.61		
15	256QAM	75	0	17.61	17.63	17.61		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.31	19.42	19.40	20.7	0
10	QPSK	1	25	19.27	19.36	19.34		
10	QPSK	1	49	19.31	19.27	19.26		
10	QPSK	25	0	19.32	19.31	19.31	20.7	0
10	QPSK	25	12	19.30	19.35	19.35		
10	QPSK	25	25	19.32	19.30	19.36		
10	QPSK	50	0	19.20	19.30	19.26		
10	16QAM	1	0	19.35	19.26	19.21	20.7	0
10	16QAM	1	25	19.18	19.33	19.24		
10	16QAM	1	49	19.20	19.19	19.30		
10	16QAM	25	0	19.19	19.32	19.16	20.7	0
10	16QAM	25	12	19.12	19.19	19.30		
10	16QAM	25	25	19.22	19.32	19.35		
10	16QAM	50	0	19.25	19.22	19.21		
10	64QAM	1	0	19.33	19.29	19.18	20.7	0
10	64QAM	1	25	19.15	19.35	19.31		
10	64QAM	1	49	19.20	19.28	19.16		
10	64QAM	25	0	19.21	19.26	19.29	20.7	0
10	64QAM	25	12	19.22	19.22	19.25		
10	64QAM	25	25	19.30	19.31	19.23		
10	64QAM	50	0	19.27	19.33	19.31		
10	256QAM	1	0	17.68	17.75	17.68	19	1.7
10	256QAM	1	25	17.54	17.65	17.58		
10	256QAM	1	49	17.53	17.58	17.46		
10	256QAM	25	0	17.65	17.65	17.55	19	1.7
10	256QAM	25	12	17.52	17.59	17.53		
10	256QAM	25	25	17.58	17.66	17.65		
10	256QAM	50	0	17.51	17.58	17.62		
Channel				26050	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.41	19.39	19.35	20.7	0
5	QPSK	1	12	19.23	19.43	19.29		
5	QPSK	1	24	19.34	19.38	19.25		
5	QPSK	12	0	19.28	19.40	19.28	20.7	0
5	QPSK	12	7	19.21	19.24	19.28		
5	QPSK	12	13	19.32	19.35	19.31		
5	QPSK	25	0	19.30	19.29	19.34		
5	16QAM	1	0	19.34	19.29	19.25	20.7	0
5	16QAM	1	12	19.08	19.32	19.24		
5	16QAM	1	24	19.30	19.29	19.25		
5	16QAM	12	0	19.22	19.35	19.24	20.7	0
5	16QAM	12	7	19.13	19.21	19.30		
5	16QAM	12	13	19.15	19.34	19.26		
5	16QAM	25	0	19.18	19.23	19.22		
5	64QAM	1	0	19.24	19.26	19.26	20.7	0
5	64QAM	1	12	19.22	19.39	19.20		
5	64QAM	1	24	19.21	19.31	19.15		
5	64QAM	12	0	19.18	19.29	19.23	20.7	0
5	64QAM	12	7	19.14	19.17	19.19		
5	64QAM	12	13	19.31	19.25	19.31		
5	64QAM	25	0	19.23	19.30	19.28		
5	256QAM	1	0	17.73	17.71	17.73	19	1.7
5	256QAM	1	12	17.54	17.67	17.64		
5	256QAM	1	24	17.60	17.60	17.46		
5	256QAM	12	0	17.56	17.66	17.61	19	1.7
5	256QAM	12	7	17.54	17.67	17.51		
5	256QAM	12	13	17.64	17.60	17.64		
5	256QAM	25	0	17.59	17.56	17.62		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.32	19.39	19.32	20.7	0
3	QPSK	1	8	19.26	19.44	19.36		
3	QPSK	1	14	19.34	19.32	19.26		
3	QPSK	8	0	19.27	19.31	19.35	20.7	0
3	QPSK	8	4	19.19	19.30	19.30		
3	QPSK	8	7	19.29	19.39	19.34		
3	QPSK	15	0	19.28	19.32	19.29		
3	16QAM	1	0	19.27	19.32	19.30	20.7	0
3	16QAM	1	8	19.13	19.37	19.26		
3	16QAM	1	14	19.20	19.26	19.19		
3	16QAM	8	0	19.14	19.32	19.19	20.7	0
3	16QAM	8	4	19.13	19.23	19.26		
3	16QAM	8	7	19.18	19.35	19.34		
3	16QAM	15	0	19.18	19.30	19.22		
3	64QAM	1	0	19.26	19.35	19.22	20.7	0
3	64QAM	1	8	19.19	19.32	19.32		
3	64QAM	1	14	19.17	19.25	19.13		
3	64QAM	8	0	19.19	19.21	19.24	20.7	0
3	64QAM	8	4	19.19	19.23	19.19		
3	64QAM	8	7	19.26	19.30	19.24		
3	64QAM	15	0	19.19	19.27	19.32		
3	256QAM	1	0	17.70	17.77	17.68	19	1.7
3	256QAM	1	8	17.49	17.65	17.59		
3	256QAM	1	14	17.54	17.60	17.54		
3	256QAM	8	0	17.60	17.69	17.54	19	1.7
3	256QAM	8	4	17.51	17.62	17.53		
3	256QAM	8	7	17.57	17.62	17.67		
3	256QAM	15	0	17.59	17.61	17.63		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.40	19.48	19.41	20.7	0
1.4	QPSK	1	3	19.25	19.44	19.29		
1.4	QPSK	1	5	19.27	19.28	19.19		
1.4	QPSK	3	0	19.23	19.33	19.29		
1.4	QPSK	3	1	19.20	19.34	19.35		
1.4	QPSK	3	3	19.32	19.40	19.28		
1.4	QPSK	6	0	19.28	19.31	19.32	20.7	0
1.4	16QAM	1	0	19.37	19.26	19.31	20.7	0
1.4	16QAM	1	3	19.11	19.36	19.26		
1.4	16QAM	1	5	19.30	19.30	19.26		
1.4	16QAM	3	0	19.21	19.32	19.17		
1.4	16QAM	3	1	19.10	19.21	19.21		
1.4	16QAM	3	3	19.17	19.29	19.33		
1.4	16QAM	6	0	19.22	19.27	19.30	20.7	0
1.4	64QAM	1	0	19.23	19.33	19.23	20.7	0
1.4	64QAM	1	3	19.18	19.29	19.28		
1.4	64QAM	1	5	19.19	19.28	19.16		
1.4	64QAM	3	0	19.10	19.29	19.34		
1.4	64QAM	3	1	19.14	19.16	19.17		
1.4	64QAM	3	3	19.20	19.23	19.26		
1.4	64QAM	6	0	19.27	19.29	19.27	20.7	0
1.4	256QAM	1	0	17.70	17.72	17.70	19	1.7
1.4	256QAM	1	3	17.56	17.74	17.63		
1.4	256QAM	1	5	17.64	17.68	17.50		
1.4	256QAM	3	0	17.61	17.67	17.52		
1.4	256QAM	3	1	17.54	17.57	17.54		
1.4	256QAM	3	3	17.65	17.63	17.57		
1.4	256QAM	6	0	17.61	17.58	17.55	19	1.7

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BW [MHz]	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	21.76	21.92	21.81	23	0
15	QPSK	1	37	21.70	21.83	21.70		
15	QPSK	1	74	21.71	21.73	21.83		
15	QPSK	36	0	20.75	20.95	20.89	22	1
15	QPSK	36	20	20.67	20.77	20.70		
15	QPSK	36	39	20.78	20.67	20.84		
15	QPSK	75	0	20.78	20.80	20.77		
15	16QAM	1	0	20.72	20.86	20.84	22	1
15	16QAM	1	37	20.68	20.87	20.65		
15	16QAM	1	74	20.83	20.75	20.87		
15	16QAM	36	0	19.85	19.94	19.81	21	2
15	16QAM	36	20	19.71	19.74	19.67		
15	16QAM	36	39	19.79	19.71	19.85		
15	16QAM	75	0	19.74	19.80	19.82		
15	64QAM	1	0	19.73	19.93	19.84	21	2
15	64QAM	1	37	19.68	19.79	19.74		
15	64QAM	1	74	19.78	19.75	19.83		
15	64QAM	36	0	18.71	18.87	18.85	20	3
15	64QAM	36	20	18.72	18.70	18.71		
15	64QAM	36	39	18.77	18.62	18.80		
15	64QAM	75	0	18.71	18.78	18.83		
15	256QAM	1	0	16.73	16.93	16.80	18	5
15	256QAM	1	37	16.70	16.85	16.61		
15	256QAM	1	74	16.82	16.68	16.75		
15	256QAM	36	0	16.81	16.84	16.84	18	5
15	256QAM	36	20	16.79	16.82	16.85		
15	256QAM	36	39	16.73	16.83	16.68		
15	256QAM	75	0	16.81	16.73	16.86		
Channel				26740	26965	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.71	21.87	21.79	23	0
10	QPSK	1	25	21.61	21.79	21.58		
10	QPSK	1	49	21.67	21.65	21.71		
10	QPSK	25	0	20.70	20.82	20.79	22	1
10	QPSK	25	12	20.64	20.70	20.57		
10	QPSK	25	25	20.75	20.57	20.81		
10	QPSK	50	0	20.75	20.72	20.73		
10	16QAM	1	0	20.62	20.73	20.78	22	1
10	16QAM	1	25	20.54	20.76	20.61		
10	16QAM	1	49	20.71	20.68	20.75		
10	16QAM	25	0	19.80	19.81	19.73	21	2
10	16QAM	25	12	19.67	19.61	19.56		
10	16QAM	25	25	19.68	19.64	19.72		
10	16QAM	50	0	19.65	19.78	19.77		
10	64QAM	1	0	19.61	19.86	19.82	21	2
10	64QAM	1	25	19.62	19.75	19.60		
10	64QAM	1	49	19.74	19.66	19.73		
10	64QAM	25	0	18.61	18.84	18.83	20	3
10	64QAM	25	12	18.58	18.61	18.62		
10	64QAM	25	25	18.64	18.54	18.68		
10	64QAM	50	0	18.60	18.71	18.70		
10	256QAM	1	0	16.67	16.84	16.75	18	5
10	256QAM	1	25	16.66	16.77	16.50		
10	256QAM	1	49	16.70	16.58	16.73		
10	256QAM	25	0	16.69	16.81	16.80	18	5
10	256QAM	25	12	16.69	16.79	16.78		
10	256QAM	25	25	16.64	16.80	16.63		
10	256QAM	50	0	16.71	16.68	16.74		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.65	21.83	21.71	23	0
5	QPSK	1	12	21.66	21.80	21.61		
5	QPSK	1	24	21.67	21.65	21.78		
5	QPSK	12	0	20.66	20.85	20.86	22	1
5	QPSK	12	7	20.55	20.73	20.61		
5	QPSK	12	13	20.75	20.54	20.72		
5	QPSK	25	0	20.75	20.78	20.67		
5	16QAM	1	0	20.64	20.82	20.70	22	1
5	16QAM	1	12	20.58	20.74	20.62		
5	16QAM	1	24	20.77	20.63	20.85		
5	16QAM	12	0	19.81	19.88	19.70	21	2
5	16QAM	12	7	19.59	19.67	19.58		
5	16QAM	12	13	19.72	19.69	19.83		
5	16QAM	25	0	19.63	19.76	19.70		
5	64QAM	1	0	19.60	19.85	19.81	21	2
5	64QAM	1	12	19.60	19.70	19.63		
5	64QAM	1	24	19.69	19.63	19.75		
5	64QAM	12	0	18.61	18.81	18.83	20	3
5	64QAM	12	7	18.63	18.60	18.67		
5	64QAM	12	13	18.75	18.49	18.71		
5	64QAM	25	0	18.60	18.65	18.72		
5	256QAM	1	0	16.65	16.88	16.78	18	5
5	256QAM	1	12	16.58	16.76	16.50		
5	256QAM	1	24	16.76	16.60	16.72		
5	256QAM	12	0	16.70	16.70	16.81	18	5
5	256QAM	12	7	16.74	16.71	16.79		
5	256QAM	12	13	16.61	16.71	16.56		
5	256QAM	25	0	16.70	16.65	16.77		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.67	21.81	21.78	23	0
3	QPSK	1	8	21.66	21.72	21.65		
3	QPSK	1	14	21.61	21.61	21.72		
3	QPSK	8	0	20.66	20.85	20.87	22	1
3	QPSK	8	4	20.64	20.74	20.62		
3	QPSK	8	7	20.67	20.62	20.75		
3	QPSK	15	0	20.72	20.71	20.71		
3	16QAM	1	0	20.68	20.74	20.72	22	1
3	16QAM	1	8	20.58	20.85	20.53		
3	16QAM	1	14	20.75	20.67	20.74		
3	16QAM	8	0	19.74	19.81	19.76	21	2
3	16QAM	8	4	19.67	19.68	19.63		
3	16QAM	8	7	19.72	19.68	19.81		
3	16QAM	15	0	19.61	19.69	19.71		
3	64QAM	1	0	19.61	19.88	19.79	21	2
3	64QAM	1	8	19.60	19.70	19.67		
3	64QAM	1	14	19.74	19.62	19.80		
3	64QAM	8	0	18.63	18.77	18.74	20	3
3	64QAM	8	4	18.64	18.64	18.64		
3	64QAM	8	7	18.70	18.57	18.71		
3	64QAM	15	0	18.65	18.66	18.70		
3	256QAM	1	0	16.60	16.83	16.75	18	5
3	256QAM	1	8	16.64	16.79	16.54		
3	256QAM	1	14	16.71	16.65	16.64		
3	256QAM	8	0	16.69	16.75	16.72	18	5
3	256QAM	8	4	16.69	16.77	16.81		
3	256QAM	8	7	16.65	16.72	16.58		
3	256QAM	15	0	16.74	16.68	16.73		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.66	21.79	21.73	23	0
1.4	QPSK	1	3	21.58	21.69	21.58		
1.4	QPSK	1	5	21.61	21.59	21.78		
1.4	QPSK	3	0	21.61	21.67	21.66		
1.4	QPSK	3	1	21.44	21.62	21.45		
1.4	QPSK	3	3	21.47	21.52	21.68		
1.4	QPSK	6	0	20.72	20.70	20.71	22	1
1.4	16QAM	1	0	20.63	20.81	20.78	22	1
1.4	16QAM	1	3	20.55	20.74	20.51		
1.4	16QAM	1	5	20.78	20.69	20.75		
1.4	16QAM	3	0	20.67	20.61	20.62		
1.4	16QAM	3	1	20.52	20.75	20.74		
1.4	16QAM	3	3	20.46	20.70	20.45		
1.4	16QAM	6	0	19.65	19.70	19.69	21	2
1.4	64QAM	1	0	19.68	19.87	19.78	21	2
1.4	64QAM	1	3	19.55	19.76	19.60		
1.4	64QAM	1	5	19.69	19.65	19.71		
1.4	64QAM	3	0	19.58	19.58	19.56		
1.4	64QAM	3	1	19.65	19.84	19.68		
1.4	64QAM	3	3	19.43	19.68	19.49		
1.4	64QAM	6	0	18.58	18.65	18.80	20	3
1.4	256QAM	1	0	16.68	16.79	16.71	18	5
1.4	256QAM	1	3	16.58	16.73	16.55		
1.4	256QAM	1	5	16.77	16.58	16.65		
1.4	256QAM	3	0	16.74	16.71	16.72		
1.4	256QAM	3	1	16.68	16.78	16.72		
1.4	256QAM	3	3	16.60	16.75	16.62		
1.4	256QAM	6	0	16.73	16.60	16.75	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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.28		22.4	0
10	QPSK	1	25		21.25			
10	QPSK	1	49		21.23			
10	QPSK	25	0		21.23		22.4	0
10	QPSK	25	12		21.21			
10	QPSK	25	25		21.17			
10	QPSK	50	0		21.19			
10	16QAM	1	0		21.15		22.4	0
10	16QAM	1	25		21.13			
10	16QAM	1	49		21.12			
10	16QAM	25	0		20.77		22	0.4
10	16QAM	25	12		20.80			
10	16QAM	25	25		20.82			
10	16QAM	50	0		20.73			
10	64QAM	1	0		20.77		22	0.4
10	64QAM	1	25		20.69			
10	64QAM	1	49		20.72			
10	64QAM	25	0		19.84		21	1.4
10	64QAM	25	12		19.82			
10	64QAM	25	25		19.87			
10	64QAM	50	0		19.84			
10	256QAM	1	0		17.85		19	3.4
10	256QAM	1	25		17.85			
10	256QAM	1	49		17.81			
10	256QAM	25	0		17.83		19	3.4
10	256QAM	25	12		17.81			
10	256QAM	25	25		17.75			
10	256QAM	50	0		17.78			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	21.23	21.24	21.22	22.4	0
5	QPSK	1	12	21.19	21.13	21.20		
5	QPSK	1	24	21.13	21.18	21.16		
5	QPSK	12	0	21.17	21.17	21.19	22.4	0
5	QPSK	12	7	21.15	21.12	21.13		
5	QPSK	12	13	21.10	21.12	21.15		
5	QPSK	25	0	21.18	21.16	21.13		
5	16QAM	1	0	21.13	21.13	21.10	22.4	0
5	16QAM	1	12	21.11	21.09	21.07		
5	16QAM	1	24	21.06	21.08	21.02		
5	16QAM	12	0	20.74	20.68	20.70	22	0.4
5	16QAM	12	7	20.79	20.75	20.79		
5	16QAM	12	13	20.75	20.79	20.74		
5	16QAM	25	0	20.69	20.64	20.65		
5	64QAM	1	0	20.71	20.68	20.67	22	0.4
5	64QAM	1	12	20.68	20.63	20.57		
5	64QAM	1	24	20.69	20.65	20.68		
5	64QAM	12	0	19.81	19.83	19.81	21	1.4
5	64QAM

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.97	20.00	19.95	21.1	0
20	QPSK	1	49	19.91	19.90	19.92		
20	QPSK	1	99	19.94	19.94	19.92		
20	QPSK	50	0	19.88	19.96	19.90	21.1	0
20	QPSK	50	24	19.91	19.89	19.93		
20	QPSK	50	50	19.89	19.93	19.86		
20	QPSK	100	0	19.91	19.94	19.93		
20	16QAM	1	0	19.91	19.88	19.89	21.1	0
20	16QAM	1	49	19.84	19.88	19.82		
20	16QAM	1	99	19.84	19.84	19.88		
20	16QAM	50	0	19.81	19.83	19.86	21.1	0
20	16QAM	50	24	19.85	19.86	19.80		
20	16QAM	50	50	19.84	19.88	19.82		
20	16QAM	100	0	19.86	19.92	19.82		
20	64QAM	1	0	19.93	19.90	19.87	21.1	0
20	64QAM	1	49	19.85	19.79	19.83		
20	64QAM	1	99	19.88	19.92	19.85		
20	64QAM	50	0	19.76	19.84	19.83	21	0.1
20	64QAM	50	24	19.77	19.69	19.74		
20	64QAM	50	50	19.73	19.75	19.73		
20	64QAM	100	0	19.68	19.74	19.79		
20	256QAM	1	0	17.81	17.90	17.82	19	2.1
20	256QAM	1	49	17.83	17.83	17.79		
20	256QAM	1	99	17.80	17.85	17.79		
20	256QAM	50	0	17.80	17.85	17.82	19	2.1
20	256QAM	50	24	17.80	17.82	17.82		
20	256QAM	50	50	17.77	17.84	17.75		
20	256QAM	100	0	17.76	17.82	17.77		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.94	19.88	19.91	21.1	0
15	QPSK	1	37	19.89	19.88	19.84		
15	QPSK	1	74	19.88	19.92	19.84		
15	QPSK	36	0	19.84	19.89	19.86	21.1	0
15	QPSK	36	20	19.84	19.81	19.86		
15	QPSK	36	39	19.83	19.90	19.80		
15	QPSK	75	0	19.82	19.90	19.92		
15	16QAM	1	0	19.83	19.81	19.85	21.1	0
15	16QAM	1	37	19.75	19.81	19.77		
15	16QAM	1	74	19.79	19.81	19.86		
15	16QAM	36	0	19.75	19.82	19.76	21.1	0
15	16QAM	36	20	19.78	19.85	19.67		
15	16QAM	36	39	19.72	19.84	19.81		
15	16QAM	75	0	19.84	19.85	19.78		
15	64QAM	1	0	19.89	19.81	19.81	21.1	0
15	64QAM	1	37	19.83	19.75	19.81		
15	64QAM	1	74	19.86	19.88	19.74		
15	64QAM	36	0	19.63	19.73	19.78	21	0.1
15	64QAM	36	20	19.70	19.59	19.65		
15	64QAM	36	39	19.63	19.73	19.60		
15	64QAM	75	0	19.64	19.66	19.72		
15	256QAM	1	0	17.78	17.80	17.81	19	2.1
15	256QAM	1	37	17.71	17.80	17.69		
15	256QAM	1	74	17.74	17.83	17.71		
15	256QAM	36	0	17.73	17.82	17.81	19	2.1
15	256QAM	36	20	17.75	17.75	17.75		
15	256QAM	36	39	17.70	17.79	17.65		
15	256QAM	75	0	17.68	17.75	17.76		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.96	19.87	19.93	21.1	0
10	QPSK	1	25	19.90	19.80	19.89		
10	QPSK	1	49	19.83	19.93	19.86		
10	QPSK	25	0	19.78	19.91	19.79	21.1	0
10	QPSK	25	12	19.79	19.88	19.88		
10	QPSK	25	25	19.83	19.84	19.74		
10	QPSK	50	0	19.84	19.82	19.83		
10	16QAM	1	0	19.86	19.82	19.81	21.1	0
10	16QAM	1	25	19.76	19.86	19.78		
10	16QAM	1	49	19.73	19.71	19.75		
10	16QAM	25	0	19.79	19.70	19.84	21.1	0
10	16QAM	25	12	19.81	19.77	19.77		
10	16QAM	25	25	19.78	19.82	19.77		
10	16QAM	50	0	19.79	19.79	19.73		
10	64QAM	1	0	19.86	19.83	19.85	21.1	0
10	64QAM	1	25	19.76	19.76	19.74		
10	64QAM	1	49	19.86	19.79	19.72		
10	64QAM	25	0	19.68	19.77	19.76	21	0.1
10	64QAM	25	12	19.74	19.61	19.73		
10	64QAM	25	25	19.69	19.68	19.72		
10	64QAM	50	0	19.56	19.64	19.69		
10	256QAM	1	0	17.78	17.84	17.76	19	2.1
10	256QAM	1	25	17.71	17.82	17.70		
10	256QAM	1	49	17.79	17.84	17.68		
10	256QAM	25	0	17.75	17.82	17.73	19	2.1
10	256QAM	25	12	17.79	17.70	17.73		
10	256QAM	25	25	17.65	17.77	17.65		
10	256QAM	50	0	17.70	17.71	17.65		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.95	19.88	19.85	21.1	0
5	QPSK	1	12	19.82	19.79	19.82		
5	QPSK	1	24	19.92	19.91	19.88		
5	QPSK	12	0	19.83	19.92	19.84	21.1	0
5	QPSK	12	7	19.85	19.85	19.85		
5	QPSK	12	13	19.84	19.86	19.76		
5	QPSK	25	0	19.81	19.82	19.92		
5	16QAM	1	0	19.86	19.87	19.81	21.1	0
5	16QAM	1	12	19.82	19.85	19.73		
5	16QAM	1	24	19.74	19.80	19.85		
5	16QAM	12	0	19.78	19.72	19.78	21.1	0
5	16QAM	12	7	19.76	19.77	19.70		
5	16QAM	12	13	19.76	19.77	19.78		
5	16QAM	25	0	19.75	19.90	19.76		
5	64QAM	1	0	19.91	19.82	19.81	21.1	0
5	64QAM	1	12	19.82	19.75	19.77		
5	64QAM	1	24	19.81	19.79	19.72		
5	64QAM	12	0	19.74	19.82	19.73	21	0.1
5	64QAM	12	7	19.65	19.66	19.72		
5	64QAM	12	13	19.63	19.70	19.62		
5	64QAM	25	0	19.65	19.68	19.69		
5	256QAM	1	0	17.69	17.82	17.76	19	2.1
5	256QAM	1	12	17.78	17.79	17.68		
5	256QAM	1	24	17.71	17.74	17.70		
5	256QAM	12	0	17.77	17.75	17.79	19	2.1
5	256QAM	12	7	17.75	17.80	17.69		
5	256QAM	12	13	17.73	17.72	17.67		
5	256QAM	25	0	17.65	17.71	17.66		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.84	19.95	19.82	21.1	0
3	QPSK	1	8	19.80	19.78	19.87		
3	QPSK	1	14	19.88	19.83	19.81		
3	QPSK	8	0	19.83	19.93	19.88	21.1	0
3	QPSK	8	4	19.90	19.78	19.87		
3	QPSK	8	7	19.81	19.85	19.77		
3	QPSK	15	0	19.80	19.93	19.90		
3	16QAM	1	0	19.90	19.76	19.79	21.1	0
3	16QAM	1	8	19.78	19.82	19.70		
3	16QAM	1	14	19.79	19.76	19.78		
3	16QAM	8	0	19.68	19.81	19.79	21.1	0
3	16QAM	8	4	19.72	19.81	19.74		
3	16QAM	8	7	19.76	19.76	19.77		
3	16QAM	15	0	19.80	19.89	19.71		
3	64QAM	1	0	19.81	19.78	19.85	21.1	0
3	64QAM	1	8	19.79	19.68	19.77		
3	64QAM	1	14	19.77	19.83	19.78		
3	64QAM	8	0	19.67	19.81	19.82	21	0.1
3	64QAM	8	4	19.71	19.64	19.70		
3	64QAM	8	7	19.68	19.65	19.66		
3	64QAM	15	0	19.61	19.65	19.71		
3	256QAM	1	0	17.75	17.82	17.77	19	2.1
3	256QAM	1	8	17.80	17.71	17.73		
3	256QAM	1	14	17.70	17.82	17.77		
3	256QAM	8	0	17.68	17.78	17.79	19	2.1
3	256QAM	8	4	17.76	17.74	17.69		
3	256QAM	8	7	17.65	17.76	17.70		
3	256QAM	15	0	17.66	17.76	17.72		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.86	19.89	19.94	21.1	0
1.4	QPSK	1	3	19.82	19.86	19.88		
1.4	QPSK	1	5	19.85	19.81	19.85		
1.4	QPSK	3	0	19.77	19.87	19.85		
1.4	QPSK	3	1	19.87	19.79	19.82		
1.4	QPSK	3	3	19.85	19.86	19.79		
1.4	QPSK	6	0	19.79	19.82	19.87	21.1	0
1.4	16QAM	1	0	19.85	19.81	19.80	21.1	0
1.4	16QAM	1	3	19.80	19.84	19.75		
1.4	16QAM	1	5	19.81	19.76	19.75		
1.4	16QAM	3	0	19.78	19.72	19.79		
1.4	16QAM	3	1	19.80	19.79	19.77		
1.4	16QAM	3	3	19.78	19.77	19.72		
1.4	16QAM	6	0	19.75	19.80	19.73	21.1	0
1.4	64QAM	1	0	19.81	19.79	19.76	21.1	0
1.4	64QAM	1	3	19.84	19.77	19.71		
1.4	64QAM	1	5	19.79	19.84	19.80		
1.4	64QAM	3	0	19.68	19.73	19.76		
1.4	64QAM	3	1	19.75	19.60	19.69		
1.4	64QAM	3	3	19.65	19.66	19.60		
1.4	64QAM	6	0	19.56	19.73	19.67	21	0.1
1.4	256QAM	1	0	17.72	17.87	17.75	19	2.1
1.4	256QAM	1	3	17.74	17.81	17.70		
1.4	256QAM	1	5	17.72	17.79	17.70		
1.4	256QAM	3	0	17.75	17.83	17.71		
1.4	256QAM	3	1	17.76	17.70	17.69		
1.4	256QAM	3	3	17.75	17.71	17.66		
1.4	256QAM	6	0	17.67	17.71	17.75	19	2.1

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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	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.11	22.13	22.12	23	0
20	QPSK	1	49	22.05	22.08	22.02		
20	QPSK	1	99	22.04	22.02	22.04		
20	QPSK	50	0	21.07	21.18	21.08	22	1
20	QPSK	50	24	21.10	21.10	21.03		
20	QPSK	50	50	21.02	21.01	21.02		
20	QPSK	100	0	21.09	21.14	21.11		
20	16QAM	1	0	21.07	21.10	21.07	22	1
20	16QAM	1	49	21.03	21.14	20.99		
20	16QAM	1	99	21.00	21.05	21.08		
20	16QAM	50	0	20.11	20.13	20.02	21	2
20	16QAM	50	24	20.04	20.15	20.06		
20	16QAM	50	50	20.06	20.02	20.07		
20	16QAM	100	0	20.15	20.16	20.13		
20	64QAM	1	0	20.17	20.15	20.14	21	2
20	64QAM	1	49	20.07	20.12	19.96		
20	64QAM	1	99	20.10	19.99	20.06		
20	64QAM	50	0	19.10	19.22	19.13	20	3
20	64QAM	50	24	19.08	19.07	19.06		
20	64QAM	50	50	18.99	19.06	19.05		
20	64QAM	100	0	19.10	19.18	19.13		
20	256QAM	1	0	17.10	17.21	17.07	18	5
20	256QAM	1	49	17.16	17.14	17.05		
20	256QAM	1	99	17.00	16.96	17.03		
20	256QAM	50	0	17.11	17.16	17.16	18	5
20	256QAM	50	24	17.03	17.05	17.02		
20	256QAM	50	50	16.98	17.18	16.98		
20	256QAM	100	0	17.02	17.10	17.05		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.98	22.10	22.01	23	0
15	QPSK	1	37	22.01	21.96	21.89		
15	QPSK	1	74	21.98	21.96	21.90		
15	QPSK	36	0	20.94	21.10	21.00	22	1
15	QPSK	36	20	21.03	21.01	20.97		
15	QPSK	36	39	20.93	20.94	20.92		
15	QPSK	75	0	21.02	21.01	20.97		
15	16QAM	1	0	21.05	21.03	21.02	22	1
15	16QAM	1	37	21.01	21.07	20.92		
15	16QAM	1	74	20.90	20.94	21.05		
15	16QAM	36	0	20.04	20.00	19.95	21	2
15	16QAM	36	20	19.98	20.07	20.04		
15	16QAM	36	39	20.03	19.95	20.02		
15	16QAM	75	0	20.02	20.05	19.99		
15	64QAM	1	0	20.11	20.11	20.01	21	2
15	64QAM	1	37	19.96	20.08	19.93		
15	64QAM	1	74	20.03	19.96	20.01		
15	64QAM	36	0	19.07	19.16	19.07	20	3
15	64QAM	36	20	19.04	18.98	18.94		
15	64QAM	36	39	18.87	18.93	18.99		
15	64QAM	75	0	19.07	19.09	19.02		
15	256QAM	1	0	16.99	17.09	16.96	18	5
15	256QAM	1	37	17.14	17.11	16.99		
15	256QAM	1	74	16.95	16.87	16.99		
15	256QAM	36	0	17.02	17.12	17.03	18	5
15	256QAM	36	20	16.97	16.93	16.98		
15	256QAM	36	39	16.87	17.09	16.91		
15	256QAM	75	0	17.00	17.04	16.92		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.04	22.05	22.06	23	0
10	QPSK	1	25	21.95	22.00	21.97		
10	QPSK	1	49	21.94	21.98	21.90		
10	QPSK	25	0	21.00	21.13	21.01	22	1
10	QPSK	25	12	21.08	21.05	20.96		
10	QPSK	25	25	20.93	20.99	20.91		
10	QPSK	50	0	21.00	21.10	21.07		
10	16QAM	1	0	21.00	21.06	21.03	22	1
10	16QAM	1	25	20.94	21.10	20.96		
10	16QAM	1	49	20.87	20.99	21.02		
10	16QAM	25	0	19.98	20.04	19.95	21	2
10	16QAM	25	12	19.99	20.10	19.94		
10	16QAM	25	25	20.01	19.91	19.98		
10	16QAM	50	0	20.10	20.06	20.00		
10	64QAM	1	0	20.14	20.05	20.06	21	2
10	64QAM	1	25	20.01	20.04	19.87		
10	64QAM	1	49	19.99	19.87	20.01		
10	64QAM	25	0	19.00	19.13	19.06	20	3
10	64QAM	25	12	19.02	18.97	18.98		
10	64QAM	25	25	18.92	18.97	18.98		
10	64QAM	50	0	18.98	19.15	19.11		
10	256QAM	1	0	16.98	17.08	17.05	18	5
10	256QAM	1	25	17.10	17.01	17.00		
10	256QAM	1	49	16.97	16.83	16.94		
10	256QAM	25	0	16.97	17.03	17.06	18	5
10	256QAM	25	12	16.94	16.92	16.91		
10	256QAM	25	25	16.89	17.12	16.86		
10	256QAM	50	0	16.96	17.00	16.99		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.05	22.08	22.05	23	0
5	QPSK	1	12	22.02	22.01	21.97		
5	QPSK	1	24	21.99	21.95	21.92		
5	QPSK	12	0	22.02	21.11	21.04	22	1
5	QPSK	12	7	21.01	21.05	20.99		
5	QPSK	12	13	20.98	20.88	20.97		
5	QPSK	25	0	21.07	21.02	20.99		
5	16QAM	1	0	21.01	21.00	20.95	22	1
5	16QAM	1	12	20.97	21.12	20.91		
5	16QAM	1	24	20.91	20.93	21.01		
5	16QAM	12	0	19.98	20.03	20.00	21	2
5	16QAM	12	7	20.00	20.06	19.97		
5	16QAM	12	13	19.98	19.90	19.96		
5	16QAM	25	0	20.11	20.03	20.07	21	2
5	64QAM	1	0	20.05	20.03	20.01		
5	64QAM	1	12	20.04	20.05	19.93		
5	64QAM	1	24	20.02	19.86	19.99	20	3
5	64QAM	12	0	19.00	19.18	19.09		
5	64QAM	12	7	19.05	19.01	18.96		
5	64QAM	12	13	18.92	18.96	18.93		
5	64QAM	25	0	18.97	19.14	19.01		
5	256QAM	1	0	17.08	17.10	16.99	18	5
5	256QAM	1	12	17.06	17.02	16.97		
5	256QAM	1	24	16.95	16.84	16.98		
5	256QAM	12	0	16.99	17.03	17.10	18	5
5	256QAM	12	7	16.91	16.97	16.91		
5	256QAM	12	13	16.88	17.04	16.88		
5	256QAM	25	0	16.96	17.06	17.00		

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BW [MHz]	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	21.26	21.36	21.27	22.1	0
20	QPSK	1	49	21.31	21.32	21.17		
20	QPSK	1	99	21.26	21.28	21.19		
20	QPSK	50	0	21.29	21.33	21.14	22.1	0
20	QPSK	50	24	21.22	21.27	21.21		
20	QPSK	50	50	21.20	21.25	21.13		
20	QPSK	100	0	21.18	21.26	21.19		
20	16QAM	1	0	21.22	21.31	21.09	22.1	0
20	16QAM	1	49	21.31	21.27	21.22		
20	16QAM	1	99	21.08	21.30	21.09		
20	16QAM	50	0	21.18	21.24	21.12	22.1	0
20	16QAM	50	24	21.13	21.14	21.08		
20	16QAM	50	50	21.11	21.19	21.11		
20	16QAM	100	0	21.13	21.26	21.10		
20	64QAM	1	0	21.30	21.23	21.21	22.1	0
20	64QAM	1	49	21.14	21.15	21.17		
20	64QAM	1	99	21.23	21.10	21.18		
20	64QAM	50	0	21.13	21.14	21.04	22	0.1
20	64QAM	50	24	21.19	21.15	21.02		
20	64QAM	50	50	21.11	21.15	20.95		
20	64QAM	100	0	20.99	21.20	20.96		
20	256QAM	1	0	19.15	19.28	19.18	20	2.1
20	256QAM	1	49	19.16	19.08	19.10		
20	256QAM	1	99	19.11	19.16	19.13		
20	256QAM	50	0	19.21	19.24	19.13	20	2.1
20	256QAM	50	24	19.16	19.09	19.00		
20	256QAM	50	50	19.15	19.07	19.09		
20	256QAM	100	0	19.11	19.19	19.05		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.16	21.25	21.16	22.1	0
15	QPSK	1	37	21.28	21.25	21.09		
15	QPSK	1	74	21.21	21.24	21.09		
15	QPSK	36	0	21.25	21.21	21.12	22.1	0
15	QPSK	36	20	21.15	21.18	21.13		
15	QPSK	36	39	21.06	21.19	21.01		
15	QPSK	75	0	21.09	21.19	21.15		
15	16QAM	1	0	21.19	21.22	21.07	22.1	0
15	16QAM	1	37	21.25	21.23	21.12		
15	16QAM	1	74	20.98	21.26	21.00		
15	16QAM	36	0	21.04	21.18	21.02	22.1	0
15	16QAM	36	20	21.09	21.05	21.04		
15	16QAM	36	39	20.98	21.15	20.97		
15	16QAM	75	0	21.04	21.16	20.97		
15	64QAM	1	0	21.18	21.20	21.18	22.1	0
15	64QAM	1	37	21.09	21.11	21.12		
15	64QAM	1	74	21.16	21.01	21.12		
15	64QAM	36	0	21.08	21.01	20.95	22	0.1
15	64QAM	36	20	21.09	21.04	20.91		
15	64QAM	36	39	21.08	21.02	20.82		
15	64QAM	75	0	20.96	21.17	20.83		
15	256QAM	1	0	19.02	19.25	19.11	20	2.1
15	256QAM	1	37	19.12	18.99	19.00		
15	256QAM	1	74	19.04	19.07	19.11		
15	256QAM	36	0	19.08	19.18	19.00	20	2.1
15	256QAM	36	20	19.14	19.05	18.89		
15	256QAM	36	39	19.12	18.98	19.01		
15	256QAM	75	0	19.06	19.15	18.95		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.24	21.29	21.23	22.1	0
10	QPSK	1	25	21.19	21.24	21.12		
10	QPSK	1	49	21.22	21.21	21.11		
10	QPSK	25	0	21.15	21.29	21.06	22.1	0
10	QPSK	25	12	21.18	21.13	21.14		
10	QPSK	25	25	21.07	21.21	21.06		
10	QPSK	50	0	21.06	21.13	21.16		
10	16QAM	1	0	21.20	21.21	21.06	22.1	0
10	16QAM	1	25	21.27	21.19	21.15		
10	16QAM	1	49	20.98	21.25	21.02		
10	16QAM	25	0	21.04	21.19	21.07	22.1	0
10	16QAM	25	12	21.07	21.06	21.00		
10	16QAM	25	25	21.07	21.08	21.08		
10	16QAM	50	0	20.99	21.23	21.00		
10	64QAM	1	0	21.22	21.17	21.17	22.1	0
10	64QAM	1	25	21.09	21.07	21.04		
10	64QAM	1	49	21.18	21.02	21.06		
10	64QAM	25	0	21.04	21.00	20.95	22	0.1
10	64QAM	25	12	21.16	21.10	20.97		
10	64QAM	25	25	21.04	21.12	20.89		
10	64QAM	50	0	20.89	21.12	20.89		
10	256QAM	1	0	19.10	19.25	19.08	20	2.1
10	256QAM	1	25	19.14	18.95	18.98		
10	256QAM	1	49	19.03	19.13	19.04		
10	256QAM	25	0	19.09	19.17	19.09	20	2.1
10	256QAM	25	12	19.12	18.96	18.91		
10	256QAM	25	25	19.03	18.94	19.03		
10	256QAM	50	0	19.02	19.10	18.96		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.18	21.28	21.14	22.1	0
5	QPSK	1	12	21.26	21.23	21.11		
5	QPSK	1	24	21.24	21.16	21.16		
5	QPSK	12	0	21.16	21.22	21.10	22.1	0
5	QPSK	12	7	21.11	21.14	21.18		
5	QPSK	12	13	21.11	21.12	21.06		
5	QPSK	25	0	21.10	21.24	21.14		
5	16QAM	1	0	21.08	21.18	21.01	22.1	0
5	16QAM	1	12	21.29	21.14	21.16		
5	16QAM	1	24	20.95	21.22	20.99		
5	16QAM	12	0	21.07	21.20	21.01	22.1	0
5	16QAM	12	7	21.08	21.00	20.95		
5	16QAM	12	13	20.98	21.11	21.08		
5	16QAM	25	0	21.02	21.13	21.06	22.1	0
5	64QAM	1	0	21.22	21.12	21.16		
5	64QAM	1	12	21.07	21.12	21.11		
5	64QAM	1	24	21.14	21.07	21.11		
5	64QAM	12	0	21.09	21.11	20.91	22	0.1
5	64QAM	12	7	21.04	21.06	20.91		
5	64QAM	12	13	21.04	21.12	20.88		
5	64QAM	25	0	20.86	21.17	20.89		
5	256QAM	1	0	19.04	19.23	19.10	20	2.1
5	256QAM	1	12	19.05	18.97	19.05		
5	256QAM	1	24	19.01	19.13	19.09		
5	256QAM	12	0	19.11	19.14	19.01	20	2.1
5	256QAM	12	7	19.07	19.03	18.98		
5	256QAM	12	13	19.11	19.05	18.99		
5	256QAM	25	0	19.00	19.16	18.91		

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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	21.33	21.38	21.40	21.32	21.35	22.1	0
20	QPSK	1	49	21.22	21.36	21.35	21.30	21.29		
20	QPSK	1	99	21.24	21.31	21.34	21.25	21.34		
20	QPSK	50	0	21.21	21.31	21.38	21.22	21.28	22.1	0
20	QPSK	50	24	21.32	21.30	21.29	21.24	21.30		
20	QPSK	50	50	21.22	21.33	21.32	21.27	21.30		
20	QPSK	100	0	21.25	21.27	21.36	21.30	21.31		
20	16QAM	1	0	21.30	21.30	21.35	21.22	21.32	22.1	0
20	16QAM	1	49	21.12	21.34	21.35	21.25	21.24		
20	16QAM	1	99	21.20	21.20	21.33	21.21	21.32		
20	16QAM	50	0	21.18	21.22	21.37	21.16	21.27	22.1	0
20	16QAM	50	24	21.32	21.19	21.23	21.21	21.24		
20	16QAM	50	50	21.12	21.25	21.31	21.21	21.27		
20	16QAM	100	0	21.24	21.22	21.33	21.19	21.29		
20	64QAM	1	0	21.26	21.32	21.32	21.29	21.29	22.1	0
20	64QAM	1	49	21.12	21.27	21.25	21.23	21.17		
20	64QAM	1	99	21.12	21.30	21.23	21.23	21.26		
20	64QAM	50	0	21.11	21.20	21.24	21.15	21.15	22	0.1
20	64QAM	50	24	21.10	21.22	21.21	21.09	21.18		
20	64QAM	50	50	21.05	21.15	21.21	21.06	21.13		
20	64QAM	100	0	21.05	21.12	21.25	21.05	21.12		
20	256QAM	1	0	19.29	19.26	19.31	19.27	19.19	20	2.1
20	256QAM	1	49	19.15	19.28	19.21	19.22	19.24		
20	256QAM	1	99	19.11	19.19	19.23	19.19	19.27		
20	256QAM	50	0	19.14	19.26	19.31	19.18	19.22	20	2.1
20	256QAM	50	24	19.23	19.19	19.18	19.08	19.25		
20	256QAM	50	50	19.16	19.21	19.20	19.21	19.22		
20	256QAM	100	0	19.19	19.20	19.24	19.16	19.19		
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	21.28	21.32	21.32	21.22	21.22	22	0
15	QPSK	1	37	21.12	21.24	21.32	21.19	21.23		
15	QPSK	1	74	21.17	21.18	21.21	21.13	21.31		
15	QPSK	36	0	21.18	21.21	21.25	21.18	21.25	22.1	0
15	QPSK	36	20	21.21	21.28	21.20	21.13	21.18		
15	QPSK	36	39	21.18	21.29	21.25	21.21	21.24		
15	QPSK	75	0	21.15	21.22	21.24	21.18	21.24		
15	16QAM	1	0	21.16	21.24	21.28	21.16	21.22	22.1	0
15	16QAM	1	37	21.07	21.29	21.27	21.15	21.12		
15	16QAM	1	74	21.13	21.16	21.21	21.16	21.28		
15	16QAM	36	0	21.16	21.10	21.26	21.08	21.22	22.1	0
15	16QAM	36	20	21.22	21.12	21.11	21.16	21.20		
15	16QAM	36	39	21.06	21.18	21.22	21.08	21.24		
15	16QAM	75	0	21.18	21.09	21.30	21.08	21.25		
15	64QAM	1	0	21.15	21.30	21.20	21.22	21.26	22.1	0
15	64QAM	1	37	20.99	21.14	21.22	21.21	21.13		
15	64QAM	1	74	21.03	21.21	21.11	21.10	21.13		
15	64QAM	36	0	20.97	21.17	21.18	21.01	21.11	22	0.1
15	64QAM	36	20	20.99	21.15	21.17	21.01	21.12		
15	64QAM	36	39	20.98	21.05	21.13	21.03	21.10		
15	64QAM	75	0	21.01	21.09	21.19	21.00	21.07		
15	256QAM	1	0	19.25	19.17	19.22	19.13	19.14	20	2.1
15	256QAM	1	37	19.09	19.21	19.09	19.14	19.14		
15	256QAM	1	74	19.08	19.10	19.18	19.16	19.22		
15	256QAM	36	0	19.05	19.15	19.23	19.13	19.13	20	2.1
15	256QAM	36	20	19.09	19.16	19.08	19.03	19.18		
15	256QAM	36	39	19.06	19.14	19.06	19.15	19.12		
15	256QAM	75	0	19.10	19.14	19.13	19.06	19.13		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.23	21.29	21.36	21.27	21.26	22	0
10	QPSK	1	25	21.12	21.28	21.30	21.18	21.26		
10	QPSK	1	49	21.20	21.27	21.21	21.15	21.25		
10	QPSK	25	0	21.17	21.24	21.25	21.17	21.24	22.1	0
10	QPSK	25	12	21.22	21.28	21.23	21.16	21.28		
10	QPSK	25	25	21.18	21.29	21.27	21.21	21.27		
10	QPSK	50	0	21.18	21.19	21.26	21.18	21.26		
10	16QAM	1	0	21.17	21.20	21.31	21.15	21.24	22.1	0
10	16QAM	1	25	21.07	21.26	21.26	21.22	21.10		
10	16QAM	1	49	21.15	21.12	21.23	21.12	21.29		
10	16QAM	25	0	21.14	21.12	21.25	21.04	21.17	22.1	0
10	16QAM	25	12	21.22	21.06	21.13	21.11	21.12		
10	16QAM	25	25	21.05	21.22	21.27	21.15	21.25		
10	16QAM	50	0	21.14	21.13	21.23	21.10	21.26		
10	64QAM	1	0	21.14	21.24	21.22	21.21	21.18	22.1	0
10	64QAM	1	25	21.00	21.16	21.21	21.20	21.15		
10	64QAM	1	49	21.07	21.23	21.15	21.19	21.17		
10	64QAM	25	0	21.05	21.10	21.21	21.13	21.04	22	0.1
10	64QAM	25	12	21.01	21.18	21.14	20.96	21.10		
10	64QAM	25	25	21.00	21.13	21.19	20.95	21.00		
10	64QAM	50	0	21.00	21.10	21.14	21.01	20.99		
10	256QAM	1	0	19.15	19.20	19.29	19.19	19.10	20	2.1
10	256QAM	1	25	19.02	19.15	19.13	19.19	19.12		
10	256QAM	1	49	19.07	19.07	19.20	19.16	19.22		
10	256QAM	25	0	19.06	19.18	19.21	19.06	19.18	20	2.1
10	256QAM	25	12	19.20	19.11	19.04	18.96	19.19		
10	256QAM	25	25	19.09	19.12	19.17	19.14	19.08		
10	256QAM	50	0	19.07	19.07	19.19	19.08	19.08		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.30	21.30	21.30	21.27	21.30	22	0
5	QPSK	1	12	21.09	21.26	21.22	21.16	21.18		
5	QPSK	1	24	21.16	21.29	21.30	21.12	21.30		
5	QPSK	12	0	21.18	21.19	21.26	21.19	21.23	22.1	0
5	QPSK	12	7	21.23	21.23	21.24	21.21	21.25		
5	QPSK	12	13	21.09	21.19	21.21	21.14	21.17		
5	QPSK	25	0	21.16	21.21	21.26	21.17	21.23		
5	16QAM	1	0	21.21	21.16	21.32	21.09	21.25	22.1	0
5	16QAM	1	12	20.99	21.27	21.27	21.23	21.22		
5	16QAM	1	24	21.11	21.14	21.19	21.14	21.20		
5	16QAM	12	0	21.09	21.11	21.25	21.11	21.23	22.1	0
5	16QAM	12	7	21.28	21.12	21.19	21.07	21.21		
5	16QAM	12	13	21.09	21.14	21.26	21.16	21.21		
5	16QAM	25	0	21.13	21.12	21.28	21.11	21.19		
5	64QAM	1	0	21.17	21.27	21.19	21.17	21.27	22.1	0
5	64QAM	1	12	20.99	21.24	21.11	21.14	21.10		
5	64QAM	1	24	21.06	21.21	21.10	21.16	21.16		
5	64QAM	12	0	21.09	21.11	21.17	21.07	21.10	22	0.1
5	64QAM	12	7	20.97	21.13	21.03	21.02	21.12		
5	64QAM	12	13	20.92	21.08	21.10	20.93	21.05		
5	64QAM	25	0	20.94	20.98	21.12	20.99	21.01		
5	256QAM	1	0	19.18	19.23	19.25	19.17	19.11	20	2.1
5	256QAM	1	12	19.02	19.18	19.09	19.09	19.17		
5	256QAM	1	24	19.01	19.16	19.20	19.07	19.15		
5	256QAM	12	0	19.10	19.24	19.22	19.12	19.18	20	2.1
5	256QAM	12	7	19.14	19.11	19.13	18.98	19.15		
5	256QAM	12	13	19.03	19.16	19.10	19.14	19.10		
5	256QAM	25	0	19.08	19.11	19.17	19.08	19.16		

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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	22.67	22.62	22.70	22.66	22.63	23.7	0
20	QPSK	1	49	22.54	22.54	22.64	22.52	22.61		
20	QPSK	1	99	22.61	22.52	22.62	22.60	22.57		
20	QPSK	50	0	22.56	22.58	22.65	22.58	22.54	23.7	0
20	QPSK	50	24	22.59	22.52	22.56	22.63	22.56		
20	QPSK	50	50	22.58	22.55	22.59	22.60	22.51		
20	QPSK	100	0	22.62	22.56	22.63	22.59	22.53		
20	16QAM	1	0	22.65	22.59	22.62	22.58	22.53	23.7	0
20	16QAM	1	49	22.42	22.44	22.51	22.44	22.53		
20	16QAM	1	99	22.55	22.42	22.56	22.49	22.51		
20	16QAM	50	0	22.53	22.53	22.59	22.49	22.45	23.7	0
20	16QAM	50	24	22.53	22.42	22.47	22.56	22.51		
20	16QAM	50	50	22.46	22.45	22.51	22.50	22.46		
20	16QAM	100	0	22.59	22.47	22.61	22.52	22.48		
20	64QAM	1	0	22.55	22.57	22.57	22.57	22.55	23.7	0
20	64QAM	1	49	22.52	22.42	22.50	22.44	22.53		
20	64QAM	1	99	22.53	22.48	22.58	22.47	22.45		
20	64QAM	50	0	22.48	22.50	22.60	22.55	22.44	23.7	0
20	64QAM	50	24	22.47	22.41	22.54	22.50	22.47		
20	64QAM	50	50	22.49	22.46	22.53	22.51	22.46		
20	64QAM	100	0	22.50	22.50	22.56	22.56	22.42		
20	256QAM	1	0	20.98	20.91	21.02	20.92	20.97	22	1.7
20	256QAM	1	49	20.89	20.83	20.97	20.85	20.93		
20	256QAM	1	99	20.92	20.76	20.95	20.91	20.86		
20	256QAM	50	0	20.87	20.93	20.98	20.86	20.88	22	1.7
20	256QAM	50	24	20.90	20.85	20.80	20.90	20.83		
20	256QAM	50	50	20.94	20.82	20.90	20.93	20.82		
20	256QAM	100	0	20.90	20.81	20.88	20.84	20.82		
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	22.55	22.51	22.57	22.55	22.54	24	0
15	QPSK	1	37	22.48	22.52	22.57	22.40	22.53		
15	QPSK	1	74	22.53	22.44	22.51	22.56	22.44		
15	QPSK	36	0	22.52	22.46	22.60	22.45	22.40	23.7	0
15	QPSK	36	20	22.56	22.44	22.43	22.58	22.50		
15	QPSK	36	39	22.54	22.49	22.56	22.51	22.38		
15	QPSK	75	0	22.51	22.48	22.58	22.51	22.46		
15	16QAM	1	0	22.56	22.47	22.54	22.48	22.40	23.7	0
15	16QAM	1	37	22.28	22.34	22.44	22.33	22.44		
15	16QAM	1	74	22.45	22.37	22.47	22.45	22.47		
15	16QAM	36	0	22.39	22.44	22.51	22.42	22.38	23.7	0
15	16QAM	36	20	22.49	22.31	22.43	22.45	22.47		
15	16QAM	36	39	22.35	22.35	22.46	22.38	22.43		
15	16QAM	75	0	22.45	22.38	22.55	22.49	22.40		
15	64QAM	1	0	22.48	22.52	22.52	22.52	22.46	23.7	0
15	64QAM	1	37	22.46	22.53	22.43	22.37	22.46		
15	64QAM	1	74	22.49	22.41	22.51	22.40	22.42		
15	64QAM	36	0	22.45	22.46	22.58	22.50	22.34	23.7	0
15	64QAM	36	20	22.39	22.32	22.46	22.44	22.44		
15	64QAM	36	39	22.44	22.38	22.43	22.41	22.36		
15	64QAM	75	0	22.40	22.40	22.46	22.44	22.39		
15	256QAM	1	0	20.91	20.86	20.98	20.81	20.85	22	1.7
15	256QAM	1	37	20.80	20.73	20.93	20.79	20.80		
15	256QAM	1	74	20.83	20.68	20.87	20.83	20.82		
15	256QAM	36	0	20.76	20.91	20.85	20.83	20.84	22	1.7
15	256QAM	36	20	20.87	20.73	20.72	20.79	20.74		
15	256QAM	36	39	20.84	20.78	20.85	20.85	20.74		
15	256QAM	75	0	20.79	20.68	20.80	20.81	20.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.53	22.54	22.63	22.56	22.56	24	0
10	QPSK	1	25	22.48	22.47	22.50	22.41	22.59		
10	QPSK	1	49	22.52	22.39	22.55	22.57	22.44		
10	QPSK	25	0	22.50	22.48	22.63	22.56	22.51	23.7	0
10	QPSK	25	12	22.46	22.41	22.44	22.59	22.52		
10	QPSK	25	25	22.53	22.49	22.47	22.50	22.45		
10	QPSK	50	0	22.49	22.49	22.60	22.48	22.40		
10	16QAM	1	0	22.55	22.49	22.60	22.45	22.41	23.7	0
10	16QAM	1	25	22.31	22.39	22.47	22.37	22.43		
10	16QAM	1	49	22.43	22.35	22.52	22.38	22.47		
10	16QAM	25	0	22.42	22.50	22.56	22.37	22.38	23.7	0
10	16QAM	25	12	22.51	22.32	22.40	22.43	22.47		
10	16QAM	25	25	22.37	22.41	22.47	22.40	22.35		
10	16QAM	50	0	22.55	22.39	22.51	22.47	22.35		
10	64QAM	1	0	22.49	22.51

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BW [MHz]	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	15.34	15.35	15.21		
20	QPSK	1	49	15.23	15.34	15.16	16.4	0
20	QPSK	1	99	15.13	15.23	15.05		
20	QPSK	50	0	15.20	15.33	15.19		
20	QPSK	50	24	15.26	15.30	15.23	16.4	0
20	QPSK	50	50	15.27	15.25	15.18		
20	QPSK	100	0	15.21	15.30	15.21		
20	16QAM	1	0	15.26	15.15	15.19		
20	16QAM	1	49	15.14	15.31	15.04	16.4	0
20	16QAM	1	99	15.13	15.13	15.03		
20	16QAM	50	0	15.11	15.23	15.08		
20	16QAM	50	24	15.09	15.13	15.09	16.4	0
20	16QAM	50	50	15.23	15.18	15.07		
20	16QAM	100	0	15.15	15.19	15.08		
20	64QAM	1	0	15.32	15.19	15.23		
20	64QAM	1	49	15.15	15.24	15.15	16.4	0
20	64QAM	1	99	15.16	15.18	15.18		
20	64QAM	50	0	15.22	15.11	15.01		
20	64QAM	50	24	15.07	15.15	15.11	16.4	0
20	64QAM	50	50	15.21	15.16	15.16		
20	64QAM	100	0	15.14	15.17	15.20		
20	256QAM	1	0	15.16	15.23	15.19		
20	256QAM	1	49	15.14	15.29	15.03	16.4	0
20	256QAM	1	99	15.08	15.08	15.13		
20	256QAM	50	0	15.07	15.17	15.14		
20	256QAM	50	24	15.16	15.17	15.26	16.4	0
20	256QAM	50	50	15.07	15.15	15.03		
20	256QAM	100	0	15.13	15.19	15.20		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.31	15.23	15.18		
15	QPSK	1	37	15.17	15.23	15.09	16.4	0
15	QPSK	1	74	15.09	15.13	15.02		
15	QPSK	36	0	15.10	15.29	15.16		
15	QPSK	36	20	15.13	15.17	15.18	16.4	0
15	QPSK	36	39	15.17	15.23	15.09		
15	QPSK	75	0	15.17	15.19	15.10		
15	16QAM	1	0	15.18	15.05	15.08		
15	16QAM	1	37	15.04	15.25	14.99	16.4	0
15	16QAM	1	74	14.99	15.02	14.92		
15	16QAM	36	0	14.98	15.20	14.98		
15	16QAM	36	20	14.99	15.01	15.05	16.4	0
15	16QAM	36	39	15.17	15.13	15.05		
15	16QAM	75	0	15.06	15.06	15.05		
15	64QAM	1	0	15.25	15.09	15.21		
15	64QAM	1	37	15.03	15.16	15.02	16.4	0
15	64QAM	1	74	15.09	15.12	15.07		
15	64QAM	36	0	15.09	15.06	14.94		
15	64QAM	36	20	14.97	15.03	15.01	16.4	0
15	64QAM	36	39	15.13	15.11	15.04		
15	64QAM	75	0	15.00	15.11	15.15		
15	256QAM	1	0	15.10	15.14	15.13		
15	256QAM	1	37	15.05	15.16	14.91	16.4	0
15	256QAM	1	74	14.97	14.97	15.04		
15	256QAM	36	0	15.04	15.15	15.09		
15	256QAM	36	20	15.07	15.15	15.17	16.4	0
15	256QAM	36	39	15.01	15.09	14.93		
15	256QAM	75	0	15.09	15.06	15.06		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.31	15.27	15.07		
10	QPSK	1	25	15.13	15.21	15.12	16.4	0
10	QPSK	1	49	15.02	15.20	15.02		
10	QPSK	25	0	15.16	15.26	15.09		
10	QPSK	25	12	15.23	15.25	15.20	16.4	0
10	QPSK	25	25	15.16	15.14	15.04		
10	QPSK	50	0	15.12	15.21	15.14		
10	16QAM	1	0	15.23	15.04	15.15		
10	16QAM	1	25	15.08	15.22	14.90	16.4	0
10	16QAM	1	49	15.01	15.09	14.95		
10	16QAM	25	0	15.01	15.13	15.04		
10	16QAM	25	12	15.05	15.09	14.98	16.4	0
10	16QAM	25	25	15.11	15.15	14.97		
10	16QAM	50	0	15.07	15.07	15.05		
10	64QAM	1	0	15.26	15.09	15.15		
10	64QAM	1	25	15.06	15.16	15.04	16.4	0
10	64QAM	1	49	15.09	15.05	15.06		
10	64QAM	25	0	15.09	15.01	14.93		
10	64QAM	25	12	14.93	15.12	14.99	16.4	0
10	64QAM	25	25	15.10	15.10	15.08		
10	64QAM	50	0	15.06	15.06	15.08		
10	256QAM	1	0	15.03	15.20	15.10		
10	256QAM	1	25	15.08	15.26	14.94	16.4	0
10	256QAM	1	49	15.02	15.05	15.00		
10	256QAM	25	0	15.03	15.12	15.02		
10	256QAM	25	12	15.09	15.11	15.19	16.4	0
10	256QAM	25	25	14.99	15.05	15.00		
10	256QAM	50	0	15.04	15.06	15.13		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.30	15.26	15.17		
5	QPSK	1	12	15.16	15.25	15.12	16.4	0
5	QPSK	1	24	15.03	15.19	15.13		
5	QPSK	12	0	15.07	15.31	15.12		
5	QPSK	12	7	15.22	15.25	15.16	16.4	0
5	QPSK	12	13	15.19	15.17	15.14		
5	QPSK	25	0	15.15	15.22	15.16		
5	16QAM	1	0	15.24	15.09	15.11		
5	16QAM	1	12	15.10	15.23	14.99	16.4	0
5	16QAM	1	24	15.03	15.08	14.94		
5	16QAM	12	0	15.08	15.16	14.99		
5	16QAM	12	7	14.96	15.07	14.96	16.4	0
5	16QAM	12	13	15.17	15.10	15.02		
5	16QAM	25	0	15.01	15.06	14.97		
5	64QAM	1	0	15.22	15.06	15.14		
5	64QAM	1	12	15.07	15.15	15.11	16.4	0
5	64QAM	1	24	15.06	15.09	15.07		
5	64QAM	12	0	15.20	15.07	14.93		
5	64QAM	12	7	15.00	15.03	15.01	16.4	0
5	64QAM	12	13	15.17	15.08	15.04		
5	64QAM	25	0	15.00	15.04	15.10		
5	256QAM	1	0	15.02	15.09	15.11		
5	256QAM	1	12	15.02	15.26	14.93	16.4	0
5	256QAM	1	24	15.04	15.04	15.01		
5	256QAM	12	0	15.02	15.08	15.07		
5	256QAM	12	7	15.09	15.03	15.15	16.4	0
5	256QAM	12	13	15.02	15.02	14.99		
5	256QAM	25	0	15.01	15.07	15.14		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.31	15.24	15.13		
3	QPSK	1	8	15.20	15.22	15.12	16.4	0
3	QPSK	1	14	15.07	15.14	15.07		
3	QPSK	8	0	15.07	15.27	15.07		
3	QPSK	8	4	15.13	15.25	15.18	16.4	0
3	QPSK	8	7	15.23	15.15	15.10		
3	QPSK	15	0	15.07	15.22	15.10		
3	16QAM	1	0	15.15	15.06	15.11		
3	16QAM	1	8	15.05	15.24	14.95	16.4	0
3	16QAM	1	14	15.05	15.10	14.98		
3	16QAM	8	0	14.97	15.14	14.97		
3	16QAM	8	4	15.00	15.09	15.05	16.4	0
3	16QAM	8	7	15.12	15.08	15.04		
3	16QAM	15	0	15.11	15.17	15.05		
3	64QAM	1	0	15.25	15.10	15.15		
3	64QAM	1	8	15.09	15.18	15.08	16.4	0
3	64QAM	1	14	15.06	15.10	15.14		
3	64QAM	8	0	15.11	14.97	14.87		
3	64QAM	8	4	14.97	15.11	15.02	16.4	0
3	64QAM	8	7	15.14	15.05	15.12		
3	64QAM	15	0	15.04	15.10	15.17		
3	256QAM	1	0	15.08	15.15	15.14		
3	256QAM	1	8	15.08	15.23	14.99	16.4	0
3	256QAM	1	14	14.95	15.05	15.11		
3	256QAM	8	0	14.93	15.10	15.11		
3	256QAM	8	4	15.04	15.10	15.19	16.4	0
3	256QAM	8	7	14.93	15.08	15.00		
3	256QAM	15	0	15.05	15.15	15.17		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.26	15.29	15.17		
1.4	QPSK	1	3	15.16	15.31	15.10		
1.4	QPSK	1	5	15.00	15.14	15.11	16.4	0
1.4	QPSK	3	0	15.12	15.20	15.14		
1.4	QPSK	3	1	15.22	15.20	15.13		
1.4	QPSK	3	3	15.22	15.21	15.09		
1.4	QPSK	6	0	15.11	15.23	15.18	16.4	0
1.4	16QAM	1	0	15.19	15.09	15.07		
1.4	16QAM	1	3	15.11	15.22	14.93		
1.4	16QAM	1	5	15.06	15.05	14.96	16.4	0
1.4	16QAM	3	0	15.06	15.18	14.95		
1.4	16QAM	3	1	14.98	15.10	14.99		
1.4	16QAM	3	3	15.21	15.15	15.01		
1.4	16QAM	6	0	15.13	15.11	14.96	16.4	0
1.4	64QAM	1	0	15.19	15.17	15.15		
1.4	64QAM	1	3	15.03	15.17	15.11		
1.4	64QAM	1	5	15.09	15.14	15.09	16.4	0
1.4	64QAM	3	0	15.10	15.07	14.90		
1.4	64QAM	3	1	14.99	15.09	15.06		
1.4	64QAM	3	3	15.12	15.02	15.05		
1.4	64QAM	6	0	15.11	15.14	15.11	16.4	0
1.4	256QAM	1	0	15.02	15.19	15.05		
1.4	256QAM	1	3	15.10	15.26	14.92		
1.4	256QAM	1	5	14.94	14.95	15.02	16.4	0
1.4	256QAM	3	0	15.01	15.05	15.12		
1.4	256QAM	3	1	15.11	15.11	15.18		
1.4	256QAM	3	3	15.04	15.02	14.98		
1.4	256QAM	6	0	15.09	15.15	15.08	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.17	15.26	15.12		
20	QPSK	1	49	15.03	15.20	15.13	16.2	0
20	QPSK	1	99	15.09	15.11	15.07		
20	QPSK	50	0	15.03	15.20	15.10		
20	QPSK	50	24	15.15	15.16	15.09	16.2	0
20	QPSK	50	50	15.11	15.09	15.16		
20	QPSK	100	0	15.16	15.17	15.13		
20	16QAM	1	0	15.17	15.12	15.11		
20	16QAM	1	49	14.91	15.05	15.01	16.2	0
20	16QAM	1	99	14.99	14.98	15.07		
20	16QAM	50	0	14.97	15.01	15.06		
20	16QAM	50	24	15.14	15.12	14.93	16.2	0
20	16QAM	50	50	14.95	15.12	15.06		
20	16QAM	100	0	15.00	15.12	14.99		
20	64QAM	1	0	15.13	15.07	15.11		
20	64QAM	1	49	14.99	15.16	15.12	16.2	0
20	64QAM	1	99	14.96	15.02	15.01		
20	64QAM	50	0	15.06	15.19	15.01		
20	64QAM	50	24	15.00	15.13	15.01	16.2	0
20	64QAM	50	50	15.06	15.04	14.98		
20	64QAM	100	0	15.04	15.12	15.06		
20	256QAM	1	0	15.05	15.15	15.03		
20	256QAM	1	49	14.98	15.05	15.16	16.2	0
20	256QAM	1	99	15.04	14.99	15.02		
20	256QAM	50	0	14.95	15.18	15.09		
20	256QAM	50	24	15.05	15.07	15.05	16.2	0
20	256QAM	50	50	15.06	15.02	15.00		
20	256QAM	100	0	15.00	15.07	15.01		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.06	15.12	15.02		
15	QPSK	1	37	14.99	15.10	15.07	16.2	0
15	QPSK	1	74	14.99	15.01	15.04		
15	QPSK	36	0	14.98	15.10	15.05		
15	QPSK	36	20	15.10	15.05	15.07	16.2	0
15	QPSK	36	39	15.09	15.05	15.11		
15	QPSK	75	0	15.03	15.15	15.04		
15	16QAM	1	0	15.11	15.09	15.03		
15	16QAM	1	37	14.80	14.95	14.88	16.2	0
15	16QAM	1	74	14.96	14.90	14.95		
15	16QAM	36	0	14.86	14.94	15.02		
15	16QAM	36	20	15.00	15.04	14.90	16.2	0
15	16QAM	36	39	14.92	15.01	14.92		
15	16QAM	75	0	14.94	15.07	14.91		
15	64QAM	1	0	15.01	14.95	15.08		
15	64QAM	1	37	14.91	15.09	15.09	16.2	0
15	64QAM	1	74	14.86	14.97	14.98		
15	64QAM	36	0	15.03	15.13	14.97		
15	64QAM	36	20	14.88	14.99	14.88	16.2	0
15	64QAM	36	39	15.00	14.94	14.87		
15	64QAM	75	0	14.95	15.03	14.93		
15	256QAM	1	0	14.98	15.05	14.99		
15	256QAM	1	37	14.95	14.98	15.05	16.2	0
15	256QAM	1	74	15.02	14.95	14.90		
15	256QAM	36	0	14.89	15.09	15.02		
15	256QAM	36	20	15.03	14.94	14.96	16.2	0
15	256QAM	36	39	14.97	14.93	14.87		
15	256QAM	75	0	14.96	15.04	14.92		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.15	15.13	15.03		
10	QPSK	1	25	14.95	15.17	15.01	16.2	0
10	QPSK	1	49	14.99	15.06	14.99		
10	QPSK	25	0	15.00	15.13	15.05		
10	QPSK	25	12	15.12	15.13	15.01	16.2	0
10	QPSK	25	25	15.07	15.05	15.12		
10	QPSK	50	0	15.03	15.15	15.09		
10	16QAM	1	0	15.03	15.01	14.99		
10	16QAM	1	25	14.88	14.98	14.99	16.2	0
10	16QAM	1	49	14.86	14.93	15.02		
10	16QAM	25	0	14.91	14.93	15.03		
10	16QAM	25	12	15.03	15.05	14.79	16.2	0
10	16QAM	25	25	14.87	15.03	15.03		
10	16QAM	50	0	14.92	15.06	14.89		
10	64QAM	1	0	15.06	14.97	15.03		
10	64QAM	1	25	14.86	15.02	15.08	16.2	0
10	64QAM	1	49	14.91	14.91	14.91		
10	64QAM	25	0	14.99	15.15	14.96		
10	64QAM	25	12	14.95	15.11	14.93	16.2	0
10	64QAM	25	25	14.93	14.92	14.95		
10	64QAM	50	0	14.92	15.06	14.96		
10	256QAM	1	0	14.97	15.03	14.92		
10	256QAM	1	25	14.95	15.01	15.05	16.2	0
10	256QAM	1	49	14.99	14.92	14.99		
10	256QAM	25	0	14.82	15.09	15.01		
10	256QAM	25	12	14.94	14.94	14.99	16.2	0
10	256QAM	25	25	15.01	14.92	14.97		
10	256QAM	50	0	14.87	15.00	14.98		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.10	15.16	15.07		
5	QPSK	1	12	14.99	15.16	14.99	16.2	0
5	QPSK	1	24	15.04	15.04	15.00		
5	QPSK	12	0	14.89	15.17	15.06		
5	QPSK	12	7	15.03	15.11	15.02	16.2	0
5	QPSK	12	13	14.97	15.02	15.07		
5	QPSK	25	0	15.00	15.13	15.10		
5	16QAM	1	0	15.04	15.03	15.00		
5	16QAM	1	12	14.85	14.93	14.96	16.2	0
5	16QAM	1	24	14.89	14.96	15.04		
5	16QAM	12	0	14.94	14.89	14.92		
5	16QAM	12	7	15.05	15.00	14.87	16.2	0
5	16QAM	12	13	14.85	15.07	14.97		
5	16QAM	25	0	14.92	15.10	14.92		
5	64QAM	1	0	15.03	14.94	15.00		
5	64QAM	1	12	14.95	15.05	15.00	16.2	0
5	64QAM	1	24	14.83	14.93	14.96		
5	64QAM	12	0	15.03	15.10	14.93		
5	64QAM	12	7	14.96	15.06	14.95	16.2	0
5	64QAM	12	13	14.94	14.99	14.87		
5	64QAM	25	0	15.00	15.00	15.01		
5	256QAM	1	0	15.00	15.10	14.89		
5	256QAM	1	12	14.89	14.91	15.10	16.2	0
5	256QAM	1	24	14.96	14.95	14.91		
5	256QAM	12	0	14.89	15.12	15.03		
5	256QAM	12	7	14.93	15.02	14.93	16.2	0
5	256QAM	12	13	14.97	14.95	14.89		
5	256QAM	25	0	14.89	14.95	14.98		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.12	15.18	15.03		
3	QPSK	1	8	14.98	15.08	15.10	16.2	0
3	QPSK	1	14	15.02	15.02	14.93		
3	QPSK	8	0	14.95	15.07	15.05		
3	QPSK	8	4	15.05	15.04	15.02	16.2	0
3	QPSK	8	7	15.03	15.07	15.04		
3	QPSK	15	0	15.01	15.11	15.04		
3	16QAM	1	0	15.08	15.03	15.01		
3	16QAM	1	8	14.79	14.98	14.87	16.2	0
3	16QAM	1	14	14.94	14.90	14.96		
3	16QAM	8	0	14.87	14.89	14.98		
3	16QAM	8	4	15.10	14.99	14.90	16.2	0
3	16QAM	8	7	14.91	15.01	14.98		
3	16QAM	15	0	14.95	14.99	14.89		
3	64QAM	1	0	15.06	14.99	15.09		
3	64QAM	1	8	14.92	15.12	15.09	16.2	0
3	64QAM	1	14	14.84	14.95	14.97		
3	64QAM	8	0	14.92	15.09	14.90		
3	64QAM	8	4	14.97	15.00	14.91	16.2	0
3	64QAM	8	7	14.96	14.95	14.92		
3	64QAM	15	0	14.97	15.06	14.97		
3	256QAM	1	0	14.95	15.11	14.96		
3	256QAM	1	8	14.87	14.93	15.08	16.2	0
3	256QAM	1	14	14.96	14.90	14.90		
3	256QAM	8	0	14.82	15.15	14.98		
3	256QAM	8	4	14.97	15.03	15.01	16.2	0
3	256QAM	8	7	14.96	14.97	14.86		
3	256QAM	15	0	14.89	14.95	14.97		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.08	15.19	14.99		
1.4	QPSK	1	3	14.90	15.15	15.02		
1.4	QPSK	1	5	15.03	15.00	15.05	16.2	0
1.4	QPSK	3	0	14.98	15.09	15.04		
1.4	QPSK	3	1	15.11	15.02	15.02		
1.4	QPSK	3	3	15.05	15.07	15.07		
1.4	QPSK	6	0	15.03	15.08	15.04	16.2	0
1.4	16QAM	1	0	15.04	15.07	14.98		
1.4	16QAM	1	3	14.81	14.92	14.90		
1.4	16QAM	1	5	14.86	14.95	14.97	16.2	0
1.4	16QAM	3	0	14.89	14.94	15.00		
1.4	16QAM	3	1	15.05	15.03	14.80		
1.4	16QAM	3	3	14.85	15.05	14.97		
1.4	16QAM	6	0	14.93	15.05	14.89	16.2	0
1.4	64QAM	1	0	15.05	14.95	15.09		
1.4	64QAM	1	3	14.89	15.10	14.99		
1.4	64QAM	1	5	14.82	14.89	14.98	16.2	0
1.4	64QAM	3	0	15.01	15.15	14.94		
1.4	64QAM	3	1	14.88	15.00	14.91		
1.4	64QAM	3	3	14.99	14.98	14.96		
1.4	64QAM	6	0	14.93	15.10	15.02	16.2	0
1.4	256QAM	1	0	15.01	15.04	14.90		
1.4	256QAM	1	3	14.94	15.00	15.11		
1.4	256QAM	1	5	15.00	14.85	14.99	16.2	0
1.4	256QAM	3	0	14.87	15.16	14.99		
1.4	256QAM	3	1	14.98	15.01	14.97		
1.4	256QAM	3	3	14.95	14.93	14.87		
1.4	256QAM	6	0	14.88	15.03	14.96	16.2	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.85	16.90	16.88		
20	QPSK	1	49	16.74	16.80	16.88	18	0
20	QPSK	1	99	16.84	16.88	16.77		
20	QPSK	50	0	16.77	16.87	16.86		
20	QPSK	50	24	16.79	16.81	16.83	18	0
20	QPSK	50	50	16.82	16.82	16.83		
20	QPSK	100	0	16.78	16.85	16.76		
20	16QAM	1	0	16.75	16.84	16.78		
20	16QAM	1	49	16.70	16.69	16.77	18	0
20	16QAM

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BW [MHz]	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)				1880	1880	1905		
20	QPSK	1	0	15.38	15.40	15.35	16.4	0
20	QPSK	1	49	15.36	15.36	15.22		
20	QPSK	1	99	15.27	15.30	15.27		
20	QPSK	50	0	15.30	15.37	15.25		
20	QPSK	50	24	15.30	15.34	15.30	16.4	0
20	QPSK	50	50	15.32	15.32	15.28		
20	QPSK	100	0	15.31	15.33	15.32		
20	16QAM	1	0	15.35	15.28	15.28		
20	16QAM	1	49	15.27	15.34	15.12	16.4	0
20	16QAM	1	99	15.23	15.26	15.15		
20	16QAM	50	0	15.21	15.27	15.18		
20	16QAM	50	24	15.18	15.22	15.19	16.4	0
20	16QAM	50	50	15.27	15.27	15.20		
20	16QAM	100	0	15.24	15.29	15.20		
20	64QAM	1	0	15.35	15.27	15.32		
20	64QAM	1	49	15.28	15.27	15.20	16.4	0
20	64QAM	1	99	15.20	15.22	15.22		
20	64QAM	50	0	15.24	15.25	15.11		
20	64QAM	50	24	15.16	15.22	15.20	16.4	0
20	64QAM	50	50	15.26	15.27	15.20		
20	64QAM	100	0	15.26	15.25	15.27		
20	256QAM	1	0	15.28	15.31	15.22		
20	256QAM	1	49	15.26	15.31	15.17	16.4	0
20	256QAM	1	99	15.21	15.20	15.23		
20	256QAM	50	0	15.18	15.25	15.19		
20	256QAM	50	24	15.21	15.22	15.28	16.4	0
20	256QAM	50	50	15.16	15.27	15.15		
20	256QAM	100	0	15.26	15.25	15.24		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	15.24	15.35	15.31	16.4	0
15	QPSK	1	37	15.27	15.27	15.14		
15	QPSK	1	74	15.16	15.22	15.20		
15	QPSK	36	0	15.28	15.32	15.19		
15	QPSK	36	20	15.24	15.25	15.20	16.4	0
15	QPSK	36	39	15.20	15.29	15.20		
15	QPSK	75	0	15.19	15.21	15.21		
15	16QAM	1	0	15.24	15.16	15.17		
15	16QAM	1	37	15.19	15.24	15.06	16.4	0
15	16QAM	1	74	15.13	15.21	15.10		
15	16QAM	36	0	15.16	15.19	15.11		
15	16QAM	36	20	15.12	15.17	15.17	16.4	0
15	16QAM	36	39	15.25	15.21	15.10		
15	16QAM	75	0	15.22	15.21	15.17		
15	64QAM	1	0	15.22	15.17	15.29		
15	64QAM	1	37	15.20	15.21	15.18	16.4	0
15	64QAM	1	74	15.17	15.10	15.16		
15	64QAM	36	0	15.21	15.19	15.02		
15	64QAM	36	20	15.08	15.12	15.13	16.4	0
15	64QAM	36	39	15.24	15.17	15.16		
15	64QAM	75	0	15.14	15.18	15.15		
15	256QAM	1	0	15.17	15.22	15.13		
15	256QAM	1	37	15.12	15.18	15.05	16.4	0
15	256QAM	1	74	15.16	15.14	15.12		
15	256QAM	36	0	15.12	15.12	15.15		
15	256QAM	36	20	15.08	15.10	15.23	16.4	0
15	256QAM	36	39	15.11	15.23	15.12		
15	256QAM	75	0	15.21	15.13	15.18		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.34	15.28	15.31	16.4	0
10	QPSK	1	25	15.32	15.24	15.18		
10	QPSK	1	49	15.16	15.18	15.16		
10	QPSK	25	0	15.18	15.31	15.14		
10	QPSK	25	12	15.24	15.26	15.21	16.4	0
10	QPSK	25	25	15.21	15.23	15.23		
10	QPSK	50	0	15.19	15.27	15.24		
10	16QAM	1	0	15.32	15.16	15.19		
10	16QAM	1	25	15.24	15.23	15.09	16.4	0
10	16QAM	1	49	15.14	15.15	15.10		
10	16QAM	25	0	15.18	15.19	15.15		
10	16QAM	25	12	15.09	15.13	15.09	16.4	0
10	16QAM	25	25	15.22	15.14	15.14		
10	16QAM	50	0	15.21	15.18	15.13		
10	64QAM	1	0	15.23	15.20	15.21		
10	64QAM	1	25	15.19	15.16	15.06	16.4	0
10	64QAM	1	49	15.14	15.08	15.13		
10	64QAM	25	0	15.10	15.14	15.04		
10	64QAM	25	12	15.12	15.14	15.10	16.4	0
10	64QAM	25	25	15.14	15.18	15.14		
10	64QAM	50	0	15.17	15.18	15.20		
10	256QAM	1	0	15.22	15.21	15.17		
10	256QAM	1	25	15.12	15.17	15.09	16.4	0
10	256QAM	1	49	15.10	15.11	15.20		
10	256QAM	25	0	15.05	15.19	15.10		
10	256QAM	25	12	15.09	15.17	15.18	16.4	0
10	256QAM	25	25	15.09	15.22	15.07		
10	256QAM	50	0	15.18	15.13	15.18		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	15.30	15.32	15.29	16.4	0
5	QPSK	1	12	15.30	15.28	15.09		
5	QPSK	1	24	15.21	15.20	15.14		
5	QPSK	12	0	15.28	15.34	15.12		
5	QPSK	12	7	15.24	15.29	15.18	16.4	0
5	QPSK	12	13	15.27	15.28	15.17		
5	QPSK	25	0	15.23	15.23	15.29		
5	16QAM	1	0	15.21	15.17	15.17		
5	16QAM	1	12	15.18	15.22	15.09	16.4	0
5	16QAM	1	24	15.12	15.17	15.02		
5	16QAM	12	0	15.15	15.18	15.04		
5	16QAM	12	7	15.10	15.17	15.15	16.4	0
5	16QAM	12	13	15.19	15.16	15.16		
5	16QAM	25	0	15.15	15.19	15.11		
5	64QAM	1	0	15.28	15.15	15.29		
5	64QAM	1	12	15.25	15.15	15.17	16.4	0
5	64QAM	1	24	15.10	15.08	15.11		
5	64QAM	12	0	15.19	15.18	15.00		
5	64QAM	12	7	15.07	15.09	15.11	16.4	0
5	64QAM	12	13	15.14	15.24	15.14		
5	64QAM	25	0	15.17	15.16	15.24		
5	256QAM	1	0	15.25	15.23	15.19		
5	256QAM	1	12	15.16	15.17	15.07	16.4	0
5	256QAM	1	24	15.14	15.14	15.15		
5	256QAM	12	0	15.13	15.15	15.11		
5	256QAM	12	7	15.16	15.10	15.17	16.4	0
5	256QAM	12	13	15.07	15.15	15.12		
5	256QAM	25	0	15.12	15.12	15.21		
Channel				26015	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.28	15.36	15.21	16.4	0
3	QPSK	1	8	15.33	15.24	15.19		
3	QPSK	1	14	15.14	15.21	15.15		
3	QPSK	8	0	15.22	15.24	15.12		
3	QPSK	8	4	15.26	15.22	15.27	16.4	0
3	QPSK	8	7	15.22	15.18	15.16		
3	QPSK	15	0	15.22	15.29	15.24		
3	16QAM	1	0	15.29	15.19	15.22		
3	16QAM	1	8	15.16	15.24	15.08	16.4	0
3	16QAM	1	14	15.11	15.16	15.02		
3	16QAM	8	0	15.16	15.23	15.13		
3	16QAM	8	4	15.13	15.17	15.08	16.4	0
3	16QAM	8	7	15.23	15.24	15.11		
3	16QAM	15	0	15.13	15.17	15.12		
3	64QAM	1	0	15.32	15.25	15.28		
3	64QAM	1	8	15.14	15.15	15.15	16.4	0
3	64QAM	1	14	15.13	15.11	15.12		
3	64QAM	8	0	15.17	15.12	15.08		
3	64QAM	8	4	15.06	15.13	15.14	16.4	0
3	64QAM	8	7	15.16	15.14	15.09		
3	64QAM	15	0	15.14	15.14	15.13		
3	256QAM	1	0	15.23	15.23	15.08		
3	256QAM	1	8	15.17	15.28	15.15	16.4	0
3	256QAM	1	14	15.11	15.18	15.18		
3	256QAM	8	0	15.11	15.16	15.06		
3	256QAM	8	4	15.19	15.13	15.16	16.4	0
3	256QAM	8	7	15.16	15.19	15.11		
3	256QAM	15	0	15.19	15.22	15.20		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.33	15.34	15.25	16.4	0
1.4	QPSK	1	3	15.24	15.31	15.09		
1.4	QPSK	1	5	15.24	15.24	15.24		
1.4	QPSK	3	0	15.26	15.33	15.21		
1.4	QPSK	3	1	15.24	15.30	15.17		
1.4	QPSK	3	3	15.25	15.24	15.17		
1.4	QPSK	6	0	15.19	15.25	15.23	16.4	0
1.4	16QAM	1	0	15.24	15.24	15.20	16.4	0
1.4	16QAM	1	3	15.21	15.27	15.05		
1.4	16QAM	1	5	15.09	15.15	15.07		
1.4	16QAM	3	0	15.14	15.24	15.11		
1.4	16QAM	3	1	15.09	15.17	15.11		
1.4	16QAM	3	3	15.21	15.25	15.10		
1.4	16QAM	6	0	15.19	15.15	15.18	16.4	0
1.4	64QAM	1	0	15.31	15.16	15.18	16.4	0
1.4	64QAM	1	3	15.16	15.24	15.10		
1.4	64QAM	1	5	15.17	15.14	15.13		
1.4	64QAM	3	0	15.21	15.18	15.00		
1.4	64QAM	3	1	15.08	15.15	15.08		
1.4	64QAM	3	3	15.18	15.25	15.18		
1.4	64QAM	6	0	15.21	15.17	15.18	16.4	0
1.4	256QAM	1	0	15.17	15.20	15.10	16.4	0
1.4	256QAM	1	3	15.16	15.20	15.06		
1.4	256QAM	1	5	15.14	15.14	15.18		
1.4	256QAM	3	0	15.12	15.15	15.11		
1.4	256QAM	3	1	15.09	15.12	15.15		
1.4	256QAM	3	3	15.04	15.18	15.09		
1.4	256QAM	6	0	15.18	15.12	15.11	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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		16.52		17.6	0
10	QPSK	1	25		16.48			
10	QPSK	1	49		16.45			
10	QPSK	25	0		16.47			
10	QPSK	25	12		16.42		17.6	0
10	QPSK	25	25		16.40			
10	QPSK	50	0		16.44			
10	16QAM	1	0		16.42			
10	16QAM	1	25		16.38		17.6	0
10	16QAM	1	49		16.40			
10	16QAM	25	0		16.36			
10	16QAM	25	12		16.32		17.6	0
10	16QAM	25	25		16.36			
10	16QAM	50	0		16.35			
10	64QAM	1	0		16.43			
10	64QAM	1	25		16.38		17.6	0
10	64QAM	1	49		16.34			
10	64QAM	25	0		16.41			
10	64QAM	25	12		16.36		17.6	0
10	64QAM	25	25		16.35			
10	64QAM	50	0		16.39			
10	256QAM	1	0		16.41			
10	256QAM	1	25		16.37		17.6	0
10	256QAM	1	49		16.36			
10	256QAM	25	0		16.40			
10	256QAM	25	12		16.36		17.6	0
10	256QAM	25	25		16.37			
10	256QAM	50	0		16.38			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	16.45	16.49	16.48	17.6	0
5	QPSK	1	12	16.42	16.41	16.42		
5	QPSK	1	24	16.37	16.43	16.36		
5	QPSK	12	0	16.43	16.46	16.45	17.6	0
5	QPSK	12	7	16.42	16.32	16.39		
5	QPSK	12	13	16.37	16.30	16.40		
5	QPSK	25	0	16.35	16.39	16.37		
5	16QAM	1	0	16.41	16.40	16.35	17.6	0
5	16QAM	1	12	16.35	16.38	16.27		
5	16QAM	1	24	16.36	16.31	16.34		
5	16QAM	12	0	16.35	16.31	16.34	17.6	0
5	16QAM	12	7	16.25	16.21	16.28		
5	16QAM	12	13	16.28	16.26	16.32		
5	16QAM	25	0	16.35	16.23	16.35		
5	64QAM	1	0	16.35	16.35	16.41	17.6	0
5	64QAM	1	12	16.27	16.32	16.30		
5	64QAM	1	24	16.23	16.24	16.27		
5	64QAM	12	0	16.29	16.29	16.41	17.6	0
5	64QAM	12	7	16.34	16.36	16.30		
5	64QAM	12	13	16.23	16.29	16.28		
5	64QAM	25	0	16.27	16.27	16.30		
5	256QAM	1	0	16.41	16.35	16.33	17.6	0
5	256QAM	1	12	16.26	16.31	16.30		
5	256QAM	1	24	16.28	16.30	16.26		
5	256QAM	12	0	16.33	16.32	16.40	17.6	0
5	256QAM	12	7	16.27	16.34	16.25		
5	256QAM	12	13	16.36	16.35	16.26		
5	256QAM	25	0	16.35	16.35	16.31		

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BW [MHz]	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	15.27	15.30	15.25	16.2	0
20	QPSK	1	49	15.15	15.25	15.23		
20	QPSK	1	99	15.14	15.19	15.19		
20	QPSK	50	0	15.14	15.28	15.21		
20	QPSK	50	24	15.22	15.23	15.16	16.2	0
20	QPSK	50	50	15.21	15.20	15.22		
20	QPSK	100	0	15.19	15.23	15.21		
20	16QAM	1	0	15.20	15.20	15.13		
20	16QAM	1	49	15.03	15.12	15.12	16.2	0
20	16QAM	1	99	15.08	15.07	15.11		
20	16QAM	50	0	15.03	15.14	15.17		
20	16QAM	50	24	15.17	15.14	15.03	16.2	0
20	16QAM	50	50	15.09	15.15	15.08		
20	16QAM	100	0	15.10	15.18	15.08		
20	64QAM	1	0	15.23	15.19	15.17		
20	64QAM	1	49	15.02	15.21	15.14	16.2	0
20	64QAM	1	99	15.05	15.11	15.08		
20	64QAM	50	0	15.11	15.24	15.08		
20	64QAM	50	24	15.12	15.17	15.09	16.2	0
20	64QAM	50	50	15.17	15.16	15.12		
20	64QAM	100	0	15.17	15.15	15.19		
20	256QAM	1	0	15.18	15.19	15.15		
20	256QAM	1	49	15.03	15.11	15.20	16.2	0
20	256QAM	1	99	15.07	15.11	15.06		
20	256QAM	50	0	15.04	15.25	15.12		
20	256QAM	50	24	15.08	15.20	15.12	16.2	0
20	256QAM	50	50	15.16	15.14	15.11		
20	256QAM	100	0	15.07	15.11	15.10		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.20	15.21	15.19	16.2	0
15	QPSK	1	37	15.12	15.21	15.19		
15	QPSK	1	74	15.04	15.17	15.08		
15	QPSK	36	0	15.06	15.18	15.13		
15	QPSK	36	20	15.16	15.17	15.04	16.2	0
15	QPSK	36	39	15.16	15.14	15.16		
15	QPSK	75	0	15.16	15.10	15.08		
15	16QAM	1	0	15.09	15.12	15.10		
15	16QAM	1	37	14.97	14.98	15.03	16.2	0
15	16QAM	1	74	15.04	15.00	14.98		
15	16QAM	36	0	14.98	15.09	15.11		
15	16QAM	36	20	15.12	15.12	14.95	16.2	0
15	16QAM	36	39	15.03	15.01	14.96		
15	16QAM	75	0	15.07	15.08	14.94		
15	64QAM	1	0	15.17	15.11	15.04		
15	64QAM	1	37	14.93	15.08	15.03	16.2	0
15	64QAM	1	74	14.95	15.07	15.02		
15	64QAM	36	0	15.05	15.10	15.04		
15	64QAM	36	20	15.09	15.13	15.03	16.2	0
15	64QAM	36	39	15.04	15.07	15.03		
15	64QAM	75	0	15.07	15.03	15.14		
15	256QAM	1	0	15.05	15.15	15.04		
15	256QAM	1	37	14.97	15.03	15.16	16.2	0
15	256QAM	1	74	15.03	15.06	15.03		
15	256QAM	36	0	15.02	15.13	15.00		
15	256QAM	36	20	15.02	15.09	15.10	16.2	0
15	256QAM	36	39	15.03	15.05	15.04		
15	256QAM	75	0	14.99	15.00	14.98		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.19	15.21	15.16	16.2	0
10	QPSK	1	25	15.12	15.11	15.18		
10	QPSK	1	49	15.09	15.16	15.13		
10	QPSK	25	0	15.12	15.20	15.16		
10	QPSK	25	12	15.12	15.19	15.03	16.2	0
10	QPSK	25	25	15.17	15.08	15.13		
10	QPSK	50	0	15.07	15.18	15.09		
10	16QAM	1	0	15.10	15.17	15.00		
10	16QAM	1	25	15.00	15.06	15.07	16.2	0
10	16QAM	1	49	15.04	15.02	15.05		
10	16QAM	25	0	14.90	15.00	15.08		
10	16QAM	25	12	15.15	15.10	14.96	16.2	0
10	16QAM	25	25	15.02	15.11	14.98		
10	16QAM	50	0	15.07	15.13	14.98		
10	64QAM	1	0	15.15	15.11	15.09		
10	64QAM	1	25	14.96	15.09	15.03	16.2	0
10	64QAM	1	49	15.00	14.98	15.01		
10	64QAM	25	0	15.03	15.13	15.03		
10	64QAM	25	12	15.02	15.14	14.99	16.2	0
10	64QAM	25	25	15.13	15.07	15.05		
10	64QAM	50	0	15.11	15.09	15.16		
10	256QAM	1	0	15.05	15.08	15.03		
10	256QAM	1	25	14.93	15.07	15.12	16.2	0
10	256QAM	1	49	15.04	15.03	14.94		
10	256QAM	25	0	14.93	15.12	15.03		
10	256QAM	25	12	15.05	15.06	14.99	16.2	0
10	256QAM	25	25	15.02	15.07	15.07		
10	256QAM	50	0	15.00	15.00	14.96		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.15	15.25	15.11	16.2	0
5	QPSK	1	12	15.06	15.17	15.10		
5	QPSK	1	24	15.08	15.05	15.06		
5	QPSK	12	0	15.01	15.21	15.11		
5	QPSK	12	7	15.16	15.14	15.03	16.2	0
5	QPSK	12	13	15.11	15.07	15.15		
5	QPSK	25	0	15.07	15.19	15.14		
5	16QAM	1	0	15.13	15.17	15.03		
5	16QAM	1	12	15.00	15.01	15.10	16.2	0
5	16QAM	1	24	15.02	15.05	15.06		
5	16QAM	12	0	14.95	15.09	15.11		
5	16QAM	12	7	15.04	15.03	14.94	16.2	0
5	16QAM	12	13	14.99	15.04	15.02		
5	16QAM	25	0	15.07	15.07	15.06		
5	64QAM	1	0	15.11	15.16	15.13		
5	64QAM	1	12	14.95	15.17	15.03	16.2	0
5	64QAM	1	24	14.98	15.06	15.03		
5	64QAM	12	0	14.97	15.20	15.00		
5	64QAM	12	7	14.99	15.06	14.98	16.2	0
5	64QAM	12	13	15.03	15.02	15.09		
5	64QAM	25	0	15.15	15.01	15.10		
5	256QAM	1	0	15.13	15.12	15.09		
5	256QAM	1	12	14.89	15.03	15.16	16.2	0
5	256QAM	1	24	14.97	14.98	14.93		
5	256QAM	12	0	14.94	15.17	15.01		
5	256QAM	12	7	14.98	15.09	15.07	16.2	0
5	256QAM	12	13	15.06	15.04	15.00		
5	256QAM	25	0	15.04	15.07	15.02		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.24	15.28	15.15	16.2	0
3	QPSK	1	8	15.12	15.23	15.14		
3	QPSK	1	14	15.10	15.09	15.14		
3	QPSK	8	0	15.00	15.22	15.18		
3	QPSK	8	4	15.17	15.11	15.10	16.2	0
3	QPSK	8	7	15.16	15.17	15.14		
3	QPSK	15	0	15.13	15.20	15.09		
3	16QAM	1	0	15.13	15.17	15.10		
3	16QAM	1	8	14.90	14.98	15.03	16.2	0
3	16QAM	1	14	14.96	15.04	14.99		
3	16QAM	8	0	14.96	15.02	15.06		
3	16QAM	8	4	15.06	15.08	14.92	16.2	0
3	16QAM	8	7	14.96	15.01	15.03		
3	16QAM	15	0	15.03	15.13	15.03		
3	64QAM	1	0	15.12	15.13	15.15		
3	64QAM	1	8	14.96	15.14	15.08	16.2	0
3	64QAM	1	14	14.95	15.04	14.98		
3	64QAM	8	0	15.08	15.18	14.

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BW [MHz]	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)				2585	2595	2610		
20	QPSK	1	0	18.05	18.18	18.15	18.9	0
20	QPSK	1	49	17.98	18.02	18.10		
20	QPSK	1	99	18.07	18.04	18.13		
20	QPSK	50	0	18.03	18.16	17.98		
20	QPSK	50	24	17.99	18.13	18.04		
20	QPSK	50	50	18.07	18.11	18.00		
20	QPSK	100	0	18.03	18.09	18.03		
20	16QAM	1	0	18.03	18.07	18.05		
20	16QAM	1	49	17.86	18.02	17.99	18.9	0
20	16QAM	1	99	17.87	18.03	18.03		
20	16QAM	50	0	17.97	18.12	17.99		
20	16QAM	50	24	18.01	18.04	18.10	18.9	0
20	16QAM	50	50	17.95	18.02	18.07		
20	16QAM	100	0	17.92	18.02	18.06		
20	64QAM	1	0	18.01	17.98	18.05		
20	64QAM	1	49	18.04	18.04	17.97	18.9	0
20	64QAM	1	99	18.02	18.05	18.04		
20	64QAM	50	0	18.04	18.12	17.86		
20	64QAM	50	24	17.98	18.05	18.04	18.9	0
20	64QAM	50	50	17.98	18.01	17.90		
20	64QAM	100	0	17.91	18.05	18.05		
20	256QAM	1	0	18.03	18.01	18.03		
20	256QAM	1	49	18.03	17.98	17.96	18.9	0
20	256QAM	1	99	17.99	18.04	18.04		
20	256QAM	50	0	17.97	17.95	17.92		
20	256QAM	50	24	17.97	18.06	18.01	18.9	0
20	256QAM	50	50	17.92	17.93	17.94		
20	256QAM	100	0	17.95	17.94	17.93		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	17.94	18.15	18.08	18.9	0
15	QPSK	1	37	17.95	17.90	18.05		
15	QPSK	1	74	17.97	17.99	18.08		
15	QPSK	36	0	17.98	18.14	17.94		
15	QPSK	36	20	17.96	18.03	17.95		
15	QPSK	36	39	18.03	18.02	17.91		
15	QPSK	75	0	17.95	18.01	18.01		
15	16QAM	1	0	17.96	18.06	17.97		
15	16QAM	1	37	17.86	18.02	17.94	18.9	0
15	16QAM	1	74	17.83	18.02	17.91		
15	16QAM	36	0	17.95	18.02	17.95		
15	16QAM	36	20	17.93	18.03	17.99	18.9	0
15	16QAM	36	39	17.85	17.93	18.01		
15	16QAM	75	0	17.91	17.94	17.95		
15	64QAM	1	0	17.92	17.87	17.98		
15	64QAM	1	37	18.02	18.04	17.90	18.9	0
15	64QAM	1	74	17.97	17.99	17.96		
15	64QAM	36	0	18.00	18.00	17.83		
15	64QAM	36	20	17.95	17.98	18.04	18.9	0
15	64QAM	36	39	17.87	17.97	17.78		
15	64QAM	75	0	17.90	17.96	17.96		
15	256QAM	1	0	18.03	17.90	17.92		
15	256QAM	1	37	18.00	17.90	17.88	18.9	0
15	256QAM	1	74	17.91	17.93	17.94		
15	256QAM	36	0	17.90	17.89	17.85		
15	256QAM	36	20	17.95	17.95	17.92	18.9	0
15	256QAM	36	39	17.82	17.96	17.83		
15	256QAM	75	0	17.87	17.87	17.83		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	17.97	18.17	18.12	18.9	0
10	QPSK	1	25	17.94	18.00	18.04		
10	QPSK	1	49	18.06	17.95	18.07		
10	QPSK	25	0	17.99	18.08	17.90		
10	QPSK	25	12	17.91	18.04	18.03		
10	QPSK	25	25	18.04	18.04	17.91		
10	QPSK	50	0	17.98	18.00	17.93		
10	16QAM	1	0	18.03	18.00	17.97		
10	16QAM	1	25	17.82	17.90	17.96	18.9	0
10	16QAM	1	49	17.81	17.97	17.97		
10	16QAM	25	0	17.88	18.05	17.98		
10	16QAM	25	12	17.98	18.04	17.98	18.9	0
10	16QAM	25	25	17.90	18.01	18.05		
10	16QAM	50	0	17.89	17.97	18.02		
10	64QAM	1	0	17.98	17.98	18.01		
10	64QAM	1	25	18.03	17.95	17.96	18.9	0
10	64QAM	1	49	17.93	17.99	18.02		
10	64QAM	25	0	17.92	18.01	17.86		
10	64QAM	25	12	17.97	18.04	17.96	18.9	0
10	64QAM	25	25	17.97	18.01	17.90		
10	64QAM	50	0	17.80	17.99	18.02		
10	256QAM	1	0	17.93	17.96	17.99		
10	256QAM	1	25	17.93	17.97	17.94	18.9	0
10	256QAM	1	49	17.94	18.02	17.99		
10	256QAM	25	0	17.91	17.94	17.90		
10	256QAM	25	12	17.91	18.01	17.89	18.9	0
10	256QAM	25	25	17.81	17.90	17.91		
10	256QAM	50	0	17.90	17.91	17.82		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	17.95	18.13	18.04	18.9	0
5	QPSK	1	12	17.92	17.95	18.00		
5	QPSK	1	24	17.97	18.02	18.10		
5	QPSK	12	0	18.00	18.14	17.91		
5	QPSK	12	7	17.95	18.02	17.99	18.9	0
5	QPSK	12	13	18.06	18.01	17.94		
5	QPSK	25	0	18.03	18.03	18.02		
5	16QAM	1	0	18.03	18.04	17.95		
5	16QAM	1	12	17.78	18.01	17.94	18.9	0
5	16QAM	1	24	17.85	17.93	17.92		
5	16QAM	12	0	17.89	18.07	17.90		
5	16QAM	12	7	17.98	17.98	18.06	18.9	0
5	16QAM	12	13	17.89	17.91	17.97		
5	16QAM	25	0	17.91	18.01	17.96		
5	64QAM	1	0	18.00	17.94	18.02		
5	64QAM	1	12	18.02	18.01	17.94	18.9	0
5	64QAM	1	24	17.99	17.95	17.96		
5	64QAM	12	0	17.99	18.10	17.84		
5	64QAM	12	7	17.94	17.99	18.02	18.9	0
5	64QAM	12	13	17.90	18.00	17.86		
5	64QAM	25	0	17.88	17.93	17.98		
5	256QAM	1	0	18.00	17.92	18.01		
5	256QAM	1	12	17.99	17.99	17.93	18.9	0
5	256QAM	1	24	17.97	18.02	17.96		
5	256QAM	12	0	17.95	17.94	17.91		
5	256QAM	12	7	17.94	17.97	17.96	18.9	0
5	256QAM	12	13	17.91	17.87	17.84		
5	256QAM	25	0	17.93	17.92	17.82		

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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	18.18	18.13	18.20	18.16	18.15	18.9	0
20	QPSK	1	49	18.15	18.09	18.10	18.11	18.07		
20	QPSK	1	99	18.16	18.09	18.13	18.15	18.04		
20	QPSK	50	0	18.14	18.13	18.18	18.08	18.07		
20	QPSK	50	24	18.11	18.10	18.17	18.13	18.06		
20	QPSK	50	50	18.16	18.07	18.13	18.11	18.13		
20	QPSK	100	0	18.09	18.05	18.14	18.08	18.10		
20	16QAM	1	0	18.10	18.05	18.11	18.07	18.14		
20	16QAM	1	49	18.06	17.98	18.06	18.07	18.03	18.9	0
20	16QAM	1	99	18.15	17.98	18.12	18.05	17.98		
20	16QAM	50	0	18.11	18.05	18.13	17.99	17.99		
20	16QAM	50	24	18.10	18.03	18.15	18.13	18.03	18.9	0
20	16QAM	50	50	18.12	17.96	18.04	18.09	18.10		
20	16QAM	100	0	18.05	18.02	18.07	18.07	18.10		
20	64QAM	1	0	18.17	18.09	18.10	18.07	18.14		
20	64QAM	1	49	18.08	18.08	18.05	18.05	18.03	18.9	0
20	64QAM	1	99	18.14	18.06	18.07	18.12	18.03		
20	64QAM	50	0	18.14	18.10	18.14	17.96	18.06		
20	64QAM	50	24	18.03	18.06	18.08	18.10	17.96	18.9	0
20	64QAM	50	50	18.11	18.00	18.02	17.99	18.04		
20	64QAM	100	0	17.99	18.02	18.11	18.07	18.00		
20	256QAM	1	0	18.14	18.04	18.09	18.11	18.11		
20	256QAM	1	49	18.13	18.05	18.06	18.00	18.00	18.9	0
20	256QAM	1	99	18.12	17.99	18.07	18.08	18.00		
20	256QAM	50	0	18.13	18.09	18.07	17.97	17.98		
20	256QAM	50	24	18.04	18.04	18.08	18.12	18.06	18.9	0
20	256QAM	50	50	18.04	17.96	18.03	18.04	18.01		
20	256QAM	100	0	18.09	17.97	18.04	18.03	17.99		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	18.16	18.05	18.14	18.13	18.06	19	0
15	QPSK	1	37	18.07	18.04	18.06	18.01	18.04		
15	QPSK	1	74	18.09	18.07	18.04	18.09	18.01		
15	QPSK	36	0	18.11	18.04	18.12	18.04	17.99	18.9	0
15	QPSK	36	20	18.08	18.00	18.16	18.01	17.95		
15	QPSK	36	39	18.11	17.97	18.04	18.08	18.03		
15	QPSK	75	0	18.06	18.01	18.05	18.00	18.05		
15	16QAM	1	0	18.02	18.00	18.08	18.06	18.06	18.9	0
15	16QAM	1	37	18.03	17.91	18.05	17.99	17.96		
15	16QAM	1	74	18.09	17.93	18.04	17.97	17.96		
15	16QAM	36	0	18.05	17.97	18.10	17.91	17.89	18.9	0
15	16QAM	36	20	18.06	18.00	18.08	18.09	18.00		
15	16QAM	36	39	18.07	17.90	17.96	18.06	17.99		
15	16QAM	75	0	18.03	17.99	18.07	18.00	18.03		
15	64QAM	1	0	18.16	18.01	18.08	18.02	18.10		
15	64QAM	1	37	18.05	18.08	17.99	17.96	17.96	18.9	0
15	64QAM	1	74	18.14	17.95	17.98	18.03	17.97		
15	64QAM	36	0	18.13	18.05	18.12	17.88	17.96	18.9	0
15	64QAM	36	20	17.91	17.96	18.06	18.01	17.95		
15	64QAM	36	39	18.07	17.97	17.98	17.88	17.94		
15	64QAM	75	0	17.89	18.02	18.09	17.97	17.93		
15	256QAM	1	0	18.05	17.93	18.02	18.04	18.04	18.9	0
15	256QAM	1	37	18.09	17.97	18.01	17.89	17.96		
15	256QAM	1	74	18.12	17.92	18.04	18.02	17.96		
15	256QAM	36	0	18.06	17.98	17.96	17.91	17.88	18.9	0
15	256QAM	36	20	18.00	17.99	18.01	18.05	17.96		
15	256QAM	36	39	18.00	17.88	17.94	17.94	18.00		
15	256QAM	75	0	18.08	17.87	17.95	17.92	17.93		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	18.16	18.13	18.12	18.11	18.10	19	0
10	QPSK	1	25	18.09	17.99	18.03	18.00	18.05		
10	QPSK	1	49	18.06	18.08	18.05	18.09	17.94		
10	QPSK	25	0	18.03	18.04	18.07	17.96	18.06		
10	QPSK	25	12	18.03	18.00	18.10	18.09	17.99	18.9	0
10	QPSK	25	25	18.06	18.01	18.11	18.04	18.03		
10	QPSK	50	0	18.04	18.00	18.12	18.04	18.01		
10	16QAM	1	0	17.99	17.97	18.02	18.02	18.09		
10	16QAM	1	25	17.94	17.92	17.99	18.00	17.98	18.9	0
10	16QAM	1	49	18.10	17.91	18.09	17.97	17.92		
10	16QAM	25	0	18.11	18.02	18.11	17.96	17.97		
10	16QAM	25	12	18.04	17.96	18.08	18.04	18.01	18.9	0
10	16QAM	25	25	18.12	17.89	18.00	17.99	18.09		
10	16QAM	50	0	18.00	17.93	18.06	18.07	18.07		
10	64QAM	1	0	18.12	18.02	18.07	18.02	18.12		
10	64QAM	1	25	18.03	18.04	17.95	17.97	17.95	18.9	0
10	64QAM	1	49	18.05	18.05	17.99	18.11	18.01		
10	64QAM	25	0	18.10	17.99	18.06	17.94	17.94		
10	64QAM	25	12	18.02	17.95	18.03	18.10	17.90	18.9	0
10	64QAM	25	25	18.01	17.92	17.98	17.98	18.00		
10	64QAM	50	0	17.89	17.92	18.09	18.00	17.89		
10	256QAM	1	0	18.09	17.97	17.99	18.03	18.00		
10	256QAM	1	25	18.02	18.03	18.00	17.96	17.98	18.9	0
10	256QAM	1	49	18.09	17.94	18.03	18.05	17.91		
10	256QAM	25	0	18.06	17.98	18.05	17.86	17.90		
10	256QAM	25	12	18.01	17.99	18.01	18.01	18.03	18.9	0
10	256QAM	25	25	17.94	17.88	17.92	17.92	17.91		
10	256QAM	50	0	18.08	17.95	17.96	17.95	17.90		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	18.09	18.09	18.15	18.07	18.05	19	0
5	QPSK	1	12	18.11	18.02	18.01	18.01	17.97		
5	QPSK	1	24	18.06	17.98	18.12	18.08	18.02		
5	QPSK	12	0	18.14	18.10	18.17	18.04	18.00	18.9	0
5	QPSK	12	7	18.11	18.09	18.14	18.04	18.02		
5	QPSK	12	13	18.11	18.06	18.04	18.10	18.12		
5	QPSK	25	0	17.98	18.03	18.04	18.06	18.09		
5	16QAM	1	0	18.07	18.03	18.07	17.97	18.05		
5	16QAM	1	12	17.98	17.86	18.04	18.03	18.02	18.9	0
5	16QAM	1	24	18.03	17.89	18.00	17.95	17.94		
5	16QAM	12	0	18.03	17.94	18.12	17.92	17.88		
5	16QAM	12	7	18.06	17.91	18.10	18.11	18.02	18.9	0
5	16QAM	12	13	18.12	17.94	17.95	18.00	18.03		
5	16QAM	25	0	17.95	17.93	18.06	18.00	18.00		
5	64QAM	1	0	18.13	18.03	18.05	18.00	18.06		
5	64QAM	1	12	18.05	18.00	17.94	18.00	17.94	18.9	0
5	64QAM	1	24	18.12	18.03	17.96	18.04	18.01		
5	64QAM	12	0	18.04	18.03	18.07	17.85	17.97		
5	64QAM	12	7	18.01	18.00	18.01	18.01	17.89	18.9	0
5	64QAM	12	13	18.06	17.99	17.92	17.94	17.95		
5	64QAM	25	0	17.88	17.92	18.08	17.98	17.88		
5	256QAM	1	0	18.07	17.98	18.04	18.00	18.03		
5	256QAM	1	12	18.12	18.00	18.03	18.00	17.91	18.9	0
5	256QAM	1	24	18.01	17.91	18.00	18.02	17.93		
5	256QAM	12	0	18.05	17.98	18.03	17.93	17.93		
5	256QAM	12	7	17.96	17.98	18.03	18.10	18.05	18.9	0
5	256QAM	12	13	17.94	17.91	17.96	17.96	17.97		
5	256QAM	25	0	17.98	17.96	17.95	17.97	17.96		

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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	19.43	19.45	19.48	19.46	19.40	20.5	0
20	QPSK	1	49	19.42	19.38	19.39	19.40	19.31		
20	QPSK	1	99	19.40	19.41	19.41	19.44	19.30		
20	QPSK	50	0	19.39	19.42	19.44	19.37	19.38		
20	QPSK	50	24	19.39	19.39	19.40	19.43	19.33		
20	QPSK	50	50	19.33	19.40	19.43	19.38	19.30		
20	QPSK	100	0	19.33	19.34	19.39	19.35	19.35		
20	16QAM	1	0	19.33	19.36	19.37	19.45	19.31		
20	16QAM	1	49	19.32	19.33	19.33	19.29	19.22		
20	16QAM	1	99	19.32	19.31	19.41	19.32	19.18		
20	16QAM	50	0	19.32	19.33	19.44	19.27	19.35		
20	16QAM	50	24	19.27	19.38	19.34	19.37	19.23		
20	16QAM	50	50	19.33	19.38	19.37	19.27	19.26		
20	16QAM	100	0	19.32	19.24	19.30	19.23	19.27		
20	64QAM	1	0	19.38	19.40	19.38	19.34	19.31		
20	64QAM	1	49	19.40	19.30	19.33	19.36	19.20		
20	64QAM	1	99	19.33	19.34	19.31	19.35	19.28		
20	64QAM	50	0	19.30	19.39	19.39	19.25	19.29		
20	64QAM	50	24	19.28	19.32	19.36	19.36	19.28		
20	64QAM	50	50	19.25	19.29	19.36	19.29	19.24		
20	64QAM	100	0	19.24	19.34	19.31	19.24	19.32		
20	256QAM	1	0	19.35	19.33	19.37	19.37	19.37		
20	256QAM	1	49	19.34	19.28	19.35	19.35	19.24		
20	256QAM	1	99	19.38	19.29	19.40	19.37	19.26		
20	256QAM	50	0	19.28	19.39	19.35	19.31	19.33		
20	256QAM	50	24	19.33	19.38	19.35	19.37	19.28		
20	256QAM	50	50	19.26	19.33	19.41	19.26	19.20		
20	256QAM	100	0	19.30	19.25	19.28	19.31	19.34		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	19.37	19.40	19.38	19.36	19.31	21	0
15	QPSK	1	37	19.37	19.28	19.36	19.35	19.27		
15	QPSK	1	74	19.31	19.38	19.31	19.39	19.19		
15	QPSK	36	0	19.35	19.33	19.33	19.37	19.29	20.5	0
15	QPSK	36	20	19.36	19.31	19.40	19.34	19.33		
15	QPSK	36	39	19.30	19.38	19.39	19.26	19.29		
15	QPSK	75	0	19.27	19.31	19.33	19.29	19.34		
15	16QAM	1	0	19.33	19.26	19.30	19.38	19.28	20.5	0
15	16QAM	1	37	19.27	19.25	19.28	19.23	19.15		
15	16QAM	1	74	19.30	19.25	19.36	19.29	19.06		
15	16QAM	36	0	19.25	19.29	19.34	19.23	19.28	20.5	0
15	16QAM	36	20	19.26	19.30	19.30	19.35	19.18		
15	16QAM	36	39	19.32	19.32	19.35	19.17	19.20		
15	16QAM	75	0	19.24	19.19	19.25	19.14	19.24		
15	64QAM	1	0	19.33	19.37	19.30	19.26	19.28	20.5	0
15	64QAM	1	37	19.35	19.18	19.21	19.32	19.14		
15	64QAM	1	74	19.32	19.23	19.22	19.32	19.27		
15	64QAM	36	0	19.21	19.33	19.34	19.19	19.28	20.5	0
15	64QAM	36	20	19.36	19.25	19.28	19.35	19.27		
15	64QAM	36	39	19.24	19.21	19.31	19.19	19.23		
15	64QAM	75	0	19.17	19.23	19.23	19.21	19.21		
15	256QAM	1	0	19.33	19.24	19.29	19.27	19.30	20.5	0
15	256QAM	1	37	19.28	19.18	19.24	19.26	19.14		
15	256QAM	1	74	19.28	19.20	19.34	19.31	19.25		
15	256QAM	36	0	19.17	19.35	19.33	19.22	19.25	20.5	0
15	256QAM	36	20	19.25	19.29	19.26	19.32	19.18		
15	256QAM	36	39	19.23	19.22	19.30	19.21	19.19		
15	256QAM	75	0	19.20	19.17	19.27	19.25	19.34		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	19.41	19.44	19.40	19.42	19.36	21	0
10	QPSK	1	25	19.36	19.29	19.35	19.38	19.20		
10	QPSK	1	49	19.37	19.38	19.31	19.35	19.20		
10	QPSK	25	0	19.28	19.32	19.37	19.25	19.33	20.5	0
10	QPSK	25	12	19.36	19.28	19.34	19.32	19.28		
10	QPSK	25	25	19.25	19.38	19.32	19.31	19.18		
10	QPSK	50	0	19.28	19.33	19.32	19.31	19.32		
10	16QAM	1	0	19.25	19.33	19.30	19.41	19.20	20.5	0
10	16QAM	1	25	19.29	19.32	19.25	19.26	19.19		
10	16QAM	1	49	19.28	19.27	19.33	19.22	19.08		
10	16QAM	25	0	19.21	19.29	19.40	19.15	19.23	20.5	0
10	16QAM	25	12	19.22	19.38	19.32	19.27	19.12		
10	16QAM	25	25	19.22	19.28	19.33	19.24	19.21		
10	16QAM	50	0	19.30	19.12	19.29	19.12	19.19		
10	64QAM	1	0	19.28	19.31	19.32	19.29	19.21	20.5	0
10	64QAM	1	25	19.33	19.26	19.23	19.29	19.12		
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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.79	18.83	18.74		
20	QPSK	1	49	18.65	18.74	18.63	20.2	0
20	QPSK	50	0	18.74	18.80	18.65		
20	QPSK	50	0	18.77	18.81	18.73		
20	QPSK	50	24	18.74	18.68	18.75	20.2	0
20	QPSK	50	50	18.74	18.73	18.68		
20	QPSK	100	0	18.66	18.68	18.63		
20	16QAM	1	0	18.67	18.71	18.77		
20	16QAM	1	49	18.63	18.68	18.71	20.2	0
20	16QAM	1	99	18.64	18.68	18.66		
20	16QAM	50	0	18.64	18.72	18.64		
20	16QAM	50	24	18.64	18.55	18.72	20.2	0
20	16QAM	50	50	18.78	18.75	18.64		
20	16QAM	100	0	18.60	18.76	18.68		
20	64QAM	1	0	18.77	18.79	18.70		
20	64QAM	1	49	18.67	18.65	18.68	20.2	0
20	64QAM	1	99	18.64	18.73	18.68		
20	64QAM	50	0	18.67	18.74	18.58		
20	64QAM	50	24	18.64	18.66	18.73	20.2	0
20	64QAM	50	50	18.69	18.66	18.61		
20	64QAM	100	0	18.60	18.71	18.62		
20	256QAM	1	0	17.62	17.66	17.60		
20	256QAM	1	49	17.50	17.48	17.48	19	1.2
20	256QAM	1	99	17.54	17.61	17.47		
20	256QAM	50	0	17.60	17.55	17.52		
20	256QAM	50	24	17.59	17.55	17.52	19	1.2
20	256QAM	50	50	17.56	17.46	17.51		
20	256QAM	100	0	17.48	17.48	17.46		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.79	18.77	18.68		
15	QPSK	1	37	18.57	18.67	18.61	20.2	0
15	QPSK	1	74	18.65	18.80	18.64		
15	QPSK	36	0	18.66	18.73	18.72		
15	QPSK	36	20	18.63	18.65	18.75	20.2	0
15	QPSK	36	39	18.72	18.65	18.61		
15	QPSK	75	0	18.65	18.59	18.55		
15	16QAM	1	0	18.63	18.59	18.76		
15	16QAM	1	37	18.60	18.65	18.70	20.2	0
15	16QAM	1	74	18.52	18.61	18.56		
15	16QAM	36	0	18.55	18.67	18.62		
15	16QAM	36	20	18.57	18.50	18.69	20.2	0
15	16QAM	36	39	18.73	18.75	18.61		
15	16QAM	75	0	18.58	18.71	18.58		
15	64QAM	1	0	18.76	18.78	18.63		
15	64QAM	1	37	18.60	18.53	18.67	20.2	0
15	64QAM	1	74	18.54	18.61	18.58		
15	64QAM	36	0	18.66	18.70	18.50		
15	64QAM	36	20	18.55	18.61	18.68	20.2	0
15	64QAM	36	39	18.67	18.59	18.61		
15	64QAM	75	0	18.56	18.71	18.52		
15	256QAM	1	0	17.61	17.61	17.58		
15	256QAM	1	37	17.40	17.42	17.41	19	1.2
15	256QAM	1	74	17.52	17.55	17.46		
15	256QAM	36	0	17.55	17.46	17.49		
15	256QAM	36	20	17.59	17.46	17.50	19	1.2
15	256QAM	36	39	17.56	17.39	17.48		
15	256QAM	75	0	17.45	17.39	17.46		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1858	1880	1905		
10	QPSK	1	0	18.72	18.71	18.65		
10	QPSK	1	25	18.60	18.64	18.61	20.2	0
10	QPSK	1	49	18.68	18.73	18.63		
10	QPSK	25	0	18.70	18.77	18.62		
10	QPSK	25	12	18.66	18.66	18.71	20.2	0
10	QPSK	25	25	18.71	18.72	18.66		
10	QPSK	50	0	18.65	18.60	18.54		
10	16QAM	1	0	18.58	18.70	18.67		
10	16QAM	1	25	18.53	18.57	18.68	20.2	0
10	16QAM	1	49	18.57	18.65	18.57		
10	16QAM	25	0	18.54	18.62	18.57		
10	16QAM	25	12	18.53	18.53	18.67	20.2	0
10	16QAM	25	25	18.71	18.74	18.53		
10	16QAM	50	0	18.54	18.65	18.67		
10	64QAM	1	0	18.66	18.69	18.61		
10	64QAM	1	25	18.56	18.55	18.68	20.2	0
10	64QAM	1	49	18.53	18.66	18.66		
10	64QAM	25	0	18.61	18.68	18.49		
10	64QAM	25	12	18.63	18.57	18.65	20.2	0
10	64QAM	25	25	18.61	18.62	18.50		
10	64QAM	50	0	18.56	18.66	18.60		
10	256QAM	1	0	17.61	17.58	17.60		
10	256QAM	1	25	17.49	17.48	17.36	19	1.2
10	256QAM	1	49	17.51	17.56	17.45		
10	256QAM	25	0	17.58	17.54	17.52		
10	256QAM	25	12	17.51	17.47	17.44	19	1.2
10	256QAM	25	25	17.54	17.38	17.48		
10	256QAM	50	0	17.37	17.44	17.44		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.71	18.72	18.70		
5	QPSK	1	12	18.58	18.67	18.51	20.2	0
5	QPSK	1	24	18.70	18.70	18.57		
5	QPSK	12	0	18.70	18.80	18.69		
5	QPSK	12	7	18.71	18.62	18.74	20.2	0
5	QPSK	12	13	18.70	18.73	18.58		
5	QPSK	25	0	18.57	18.61	18.58		
5	16QAM	1	0	18.57	18.65	18.67		
5	16QAM	1	12	18.58	18.57	18.59	20.2	0
5	16QAM	1	24	18.57	18.58	18.55		
5	16QAM	12	0	18.60	18.60	18.64		
5	16QAM	12	7	18.61	18.55	18.71	20.2	0
5	16QAM	12	13	18.69	18.67	18.61		
5	16QAM	25	0	18.55	18.69	18.65		
5	64QAM	1	0	18.70	18.74	18.59		
5	64QAM	1	12	18.57	18.53	18.56	20.2	0
5	64QAM	1	24	18.61	18.70	18.60		
5	64QAM	12	0	18.58	18.65	18.56		
5	64QAM	12	7	18.63	18.55	18.65	20.2	0
5	64QAM	12	13	18.68	18.56	18.58		
5	64QAM	25	0	18.54	18.60	18.58		
5	256QAM	1	0	17.55	17.56	17.60		
5	256QAM	1	12	17.46	17.42	17.36	19	1.2
5	256QAM	1	24	17.52	17.57	17.37		
5	256QAM	12	0	17.58	17.54	17.47		
5	256QAM	12	7	17.58	17.44	17.41	19	1.2
5	256QAM	12	13	17.54	17.39	17.42		
5	256QAM	25	0	17.45	17.37	17.40		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.73	18.76	18.74		
3	QPSK	1	8	18.57	18.67	18.57	20.2	0
3	QPSK	1	14	18.65	18.80	18.58		
3	QPSK	8	0	18.65	18.73	18.67		
3	QPSK	8	4	18.69	18.65	18.66	20.2	0
3	QPSK	8	7	18.65	18.67	18.58		
3	QPSK	15	0	18.62	18.65	18.55		
3	16QAM	1	0	18.56	18.68	18.72		
3	16QAM	1	8	18.52	18.68	18.70	20.2	0
3	16QAM	1	14	18.62	18.59	18.63		
3	16QAM	8	0	18.63	18.62	18.56		
3	16QAM	8	4	18.60	18.49	18.63	20.2	0
3	16QAM	8	7	18.67	18.70	18.57		
3	16QAM	15	0	18.52	18.65	18.64		
3	64QAM	1	0	18.69	18.71	18.65		
3	64QAM	1	8	18.56	18.59	18.65	20.2	0
3	64QAM	1	14	18.53	18.71	18.61		
3	64QAM	8	0	18.64	18.67	18.58		
3	64QAM	8	4	18.53	18.66	18.69	20.2	0
3	64QAM	8	7	18.65	18.62	18.53		
3	64QAM	15	0	18.53	18.69	18.53		
3	256QAM	1	0	17.53	17.60	17.58		
3	256QAM	1	8	17.43	17.41	17.42	19	1.2
3	256QAM	1	14	17.44	17.56	17.41		
3	256QAM	8	0	17.58	17.53	17.51		
3	256QAM	8	4	17.56	17.53	17.43	19	1.2
3	256QAM	8	7	17.51	17.37	17.42		
3	256QAM	15	0	17.39	17.44	17.44		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.70	18.77	18.73		
1.4	QPSK	1	3	18.54	18.69	18.52		
1.4	QPSK	3	0	18.68	18.73	18.56	20.2	0
1.4	QPSK	3	0	18.76	18.78	18.72		
1.4	QPSK	3	1	18.68	18.63	18.63		
1.4	QPSK	3	3	18.73	18.68	18.66		
1.4	QPSK	6	0	18.56	18.65	18.60	20.2	0
1.4	16QAM	1	0	18.57	18.69	18.66		
1.4	16QAM	1	3	18.55	18.62	18.63		
1.4	16QAM	1	5	18.64	18.67	18.58	20.2	0
1.4	16QAM	3	0	18.55	18.71	18.59		
1.4	16QAM	3	1	18.60	18.45	18.66		
1.4	16QAM	3	3	18.73	18.74	18.59		
1.4	16QAM	6	0	18.57	18.75	18.63	20.2	0
1.4	64QAM	1	0	18.71	18.68	18.68		
1.4	64QAM	1	3	18.61	18.63	18.64		
1.4	64QAM	1	5	18.60	18.66	18.62	20.2	0
1.4	64QAM	3	0	18.62	18.72	18.57		
1.4	64QAM	3	1	18.61	18.61	18.65		
1.4	64QAM	3	3	18.68	18.62	18.60		
1.4	64QAM	6	0	18.52	18.59	18.50	20.2	0
1.4	256QAM	1	0	17.58	17.57	17.48		
1.4	256QAM	1	3	17.41	17.40	17.38		
1.4	256QAM	1	5	17.43	17.61	17.44	19	1.2
1.4	256QAM	3	0	17.60	17.45	17.44		
1.4	256QAM	3	1	17.54	17.53	17.48		
1.4	256QAM	3	3	17.55	17.45	17.42		
1.4	256QAM	6	0	17.43	17.37	17.37	19	1.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.18	19.20	19.11		
20	QPSK	1	49	19.06	19.06	19.01	20.3	0
20	QPSK	50	0	19.01	19.09	19.09		
20	QPSK	50	0	19.13	19.17	19.11		
20	QPSK	50	24	19.03	19.05	19.06	20.3	0
20	QPSK	50	50	19.02	19.00	19.07		
20	QPSK	100	0	19.11	19.16	18.95		
20	16QAM	1	0	18.99	19.11	19.06		
20	16QAM	1	49	18.91	18.94	18.97	20.3	0
20	16QAM	1	99	18.93	19.08	18.99		
20	16QAM	50	0	19.01	19.03	18.98		
20	16QAM	50	24	18.89	19.03	18.93	20.3	0
20	16QAM	50	50	18.90	18.98	18.94		
20	16QAM	100	0	18.99	19.00	18.83		
20	64QAM	1	0	19.05	19.10	19.03		
20	64QAM	1	49	18.97	19.00	18.98	20.3	0
20	64QAM	1	99	18.93	19.01	18.98		
20	64QAM	50	0	19.07	19.05	18.99		
20	64QAM	50	24	18.87	19.09	19.01	20.3	0
20	64QAM	50	50	18.87	18.93	19.11		
20	64QAM	100	0	18.99	18.97	18.87		
20	256QAM	1	0	17.77	17.81	17.88		
20	256QAM	1	49	17.85	17.83	17.73	19	1.3
20	256QAM	1	99	17.70	17.83	17.70		
20	256QAM	50	0	17.84	17.87	17.82		
20	256QAM	50	24	17.68	17.89	17.81	19	1.3
20	256QAM	50	50	17.77	17.73	17.85		
20	256QAM	100	0	17.76	17.80	17.68		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.04	19.13	19.04		
15	QPSK	1	37	18.95	18.96	18.96	20.3	0
15	QPSK	1	74	19.00	19.01	18.95		
15	QPSK	36	0	19.06	19.07	19.04		
15	QPSK	36	20	18.95	18.95	18.95	20.3	0
15	QPSK	36	39	18.91	18.87	18.97		
15	QPSK	75	0	18.99	19.09	18.92		
15	16QAM	1	0	18.96	19.02	18.98		
15	16QAM	1	37	18.78	18.83	18.83	20.3	0
15	16QAM	1	74	18.82	18.94	18.90		
15	16QAM	36	0	18.90	18.90	18.93		
15	16QAM	36	20	18.76	18.91	18.82	20.3	0
15	16QAM	36	39	18.79	18.85	18.85		
15	16QAM	75	0	18.86	18.91	18.73		
15	64QAM	1	0	18.93	19.04	18.99		
15	64QAM	1	37	18.94	18.86	18.95	20.3	0
15	64QAM	1	74	18.83	18.88	18.95		
15	64QAM	36	0	19.01	18.97	18.95		
15	64QAM	36	20	18.76	19.03	18.91	20.3	0
15	64QAM	36	39	18.79	18.80	19.06		
15	64QAM	75	0	18.89	18.90	18.81		
15	256QAM	1	0	17.69	17.72	17.78		
15	256QAM	1	37	17.72	17.81	17.65	19	1.3
15	256QAM	1	74	17.61	17.74	17.62		
15	256QAM	36	0	17.75	17.79	17.77		
15	256QAM	36	20	17.57	17.86	17.73	19	1.3
15	256QAM	36	39	17.70	17.60	17.82		
15	256QAM	75	0	17.70	17.69	17.65		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.12	19.14	19.07		
10	QPSK	1	25	18.93	19.01	18.98	20.3	0
10	QPSK	1	49	18.89	19.06	19.06		
10	QPSK	25	0	19.03	19.14	19.02		
10	QPSK	25	12	18.94	19.00	18.96	20.3	0
10	QPSK	25	25	18.90	18.89	19.02		
10	QPSK	50	0	18.98	19.11	18.93		
10	16QAM	1	0	18.90	19.08	18.94		
10	16QAM	1	25	18.83	18.81	18.84	20.3	0
10	16QAM	1	49	18.80	18.96	18.89		
10	16QAM	25	0	18.95	18.96	18.86		
10	16QAM	25	12	18.78	18.91	18.85	20.3	0
10	16QAM	25	25	18.83	18.85	18.82		
10	16QAM	50	0	18.85	18.86	18.75		
10	64QAM	1	0	18.95	19.07	18.91		
10	64QAM	1	25	18.87	18.89	18.92	20.3	0
10	64QAM	1	49	18.84	18.95	18.85		
10	64QAM	25	0	19.03	19.02	18.97		
10	64QAM	25	12	18.85	19.00	18.95	20.3	0
10	64QAM	25	25	18.79	18.79	18.99		
10	64QAM	50	0	18.87	18.91	18.80		
10	256QAM	1	0	17.63	17.78	17.77		
10	256QAM	1	25	17.79	17.80	17.68	19	1.3
10	256QAM	1	49	17.65	17.80	17.66		
10	256QAM	25	0	17.81	17.78	17.76		
10	256QAM	25	12	17.61	17.76	17.70	19	1.3
10	256QAM	25	25	17.72	17.64	17.75		
10	256QAM	50	0	17.73	17.70	17.60		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.14	19.06	19.05		
5	QPSK	1	12	18.96	18.94	18.95	20.3	0
5	QPSK	1	24	18.96	18.98	18.96		
5	QPSK	12	0	19.08	19.12	18.99		
5	QPSK	12	7	18.98	19.00	18.96	20.3	0
5	QPSK	12	13	18.95	18.94	18.94		
5	QPSK	25	0	19.00	19.02	18.88		
5	16QAM	1	0	18.93	19.00	18.93		
5	16QAM	1	12	18.84	18.83	18.93	20.3	0
5	16QAM	1	24	18.80	19.06	18.91		
5	16QAM	12	0	18.91	18.89	18.89		
5	16QAM	12	7	18.79	18.96	18.91	20.3	0
5	16QAM	12	13	18.85	18.92	18.91		
5	16QAM	25	0	18.88	18.88	18.79		
5	64QAM	1	0	18.99	18.97	18.93		
5	64QAM	1	12	18.86	18.98	18.93	20.3	0
5	64QAM	1	24	18.85	18.99	18.89		
5	64QAM	12	0	18.96	18.97	18.96		
5	64QAM	12	7	18.85	18.97	18.94	20.3	0
5	64QAM	12	13	18.82	18.89	19.08		
5	64QAM	25	0	18.93	18.88	18.82		
5	256QAM	1	0	17.75	17.73	17.76		
5	256QAM	1	12	17.77	17.79	17.62	19	1.3
5	256QAM	1	24	17.66	17.78	17.59		
5	256QAM	12	0	17.82	17.83	17.70		
5	256QAM	12	7	17.65	17.76	17.73	19	1.3
5	256QAM	12	13	17.72	17.68	17.72		
5	256QAM	25	0	17.67	17.78	17.58		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.06	19.06	19.00		
3	QPSK	1	8	18.97	18.97	18.91	20.3	0
3	QPSK	1	14	18.94	18.98	18.96		
3	QPSK	8	0	19.02	19.12	18.98		
3	QPSK	8	4	19.01	19.00	18.95	20.3	0
3	QPSK	8	7	18.98	18.95	19.03		
3	QPSK	15	0	19.04	19.07	18.90		
3	16QAM	1	0	18.90	18.98	18.98		
3	16QAM	1	8	18.78	18.89	18.92	20.3	0
3	16QAM	1	14	18.89	18.99	18.94		
3	16QAM	8	0	18.90	18.95	18.89		
3	16QAM	8	4	18.83	18.90	18.85	20.3	0
3	16QAM	8	7	18.77	18.90	18.89		
3	16QAM	15	0	18.93	18.97	18.75		
3	64QAM	1	0	18.98	18.99	18.97		
3	64QAM	1	8	18.89	18.95	18.94	20.3	0
3	64QAM	1	14	18.85	18.95	18.93		
3	64QAM	8	0	18.96	18.94	18.93		
3	64QAM	8	4	18.81	19.00	18.99	20.3	0
3	64QAM	8	7	18.78	18.94	19.01		
3	64QAM	15	0	18.95	18.93	18.77		
3	256QAM	1	0	17.74	17.75	17.77		
3	256QAM	1	8	17.76	17.75	17.64	19	1.3
3	256QAM	1	14	17.60	17.72	17.57		
3	256QAM	8	0	17.74	17.73	17.69		
3	256QAM	8	4	17.65	17.81	17.71	19	1.3
3	256QAM	8	7	17.69	17.63	17.80		
3	256QAM	15	0	17.71	17.76	17.62		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.07	19.14	19.06		
1.4	QPSK	1	3	18.97	18.98	18.96		
1.4	QPSK	1	5	18.89	18.96	18.99	20.3	0
1.4	QPSK	3	0	19.07	19.14	19.07		
1.4	QPSK	3	1	18.95	18.95	18.98		
1.4	QPSK	3	3	18.92	18.86	18.98		
1.4	QPSK	6	0	19.01	19.07	18.91	20.3	0
1.4	16QAM	1	0	18.90	19.01	18.96		
1.4	16QAM	1	3	18.78	18.81	18.92		
1.4	16QAM	1	5	18.79	18.97	18.91	20.3	0
1.4	16QAM	3	0	18.92	18.95	18.95		
1.4	16QAM	3	1	18.84	18.93	18.83		
1.4	16QAM	3	3	18.84	18.92	18.87		
1.4	16QAM	6	0	18.92	18.97	18.79	20.3	0
1.4	64QAM	1	0	18.95	19.06	18.97		
1.4	64QAM	1	3	18.94	18.96	18.84		
1.4	64QAM	1	5	18.89	18.88	18.93	20.3	0
1.4	64QAM	3	0	18.95	18.99	18.88		
1.4	64QAM	3	1	18.84	19.04	18.88		
1.4	64QAM	3	3	18.75	18.83	18.99		
1.4	64QAM	6	0	18.97	18.90	18.75	20.3	0
1.4	256QAM	1	0	17.71	17.69	17.76		
1.4	256QAM	1	3	17.61	17.76	17.70		
1.4	256QAM	1	5	17.60	17.80	17.60	19	1.3
1.4	256QAM	3	0	17.71	17.76	17.70		
1.4	256QAM	3	1	17.62	17.77	17.77		
1.4	256QAM	3	3	17.67	17.67	17.73		
1.4	256QAM	6	0	17.63	17.69	17.61	19	1.3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.40	18.45	18.43		
20	QPSK	1	49	18.34	18.35	18.34	19.6	0
20	QPSK	50	0	18.31	18.37	18.36		
20	QPSK	50	0	18.36	18.38	18.31		
20	QPSK	50	24	18.32	18.36	18.36	19.6	0
20	QPSK	50	50	18.29	18.37	18.36		
20	QPSK	100	0	18.28	18.36	18.33		
20	16QAM	1	0	18.36	18.35	18.36		
20	16QAM	1	49	18.29	18.23	18.29	19.6	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				26140	26340	26590		
Frequency (MHz)				1880	1880	1905		
20	QPSK	1	0	18.84	18.88	18.82	20.2	0
20	QPSK	1	49	18.72	18.78	18.75		
20	QPSK	1	99	18.79	18.87	18.73		
20	QPSK	50	0	18.82	18.85	18.78		
20	QPSK	50	24	18.78	18.78	18.78		
20	QPSK	50	50	18.81	18.79	18.72		
20	QPSK	100	0	18.74	18.78	18.75		
20	16QAM	1	0	18.76	18.79	18.82		
20	16QAM	1	49	18.67	18.71	18.72		
20	16QAM	1	99	18.71	18.75	18.70		
20	16QAM	50	0	18.74	18.78	18.73		
20	16QAM	50	24	18.72	18.66	18.74		
20	16QAM	50	50	18.78	18.76	18.67		
20	16QAM	100	0	18.64	18.77	18.73		
20	64QAM	1	0	18.80	18.80	18.77		
20	64QAM	1	49	18.69	18.66	18.68		
20	64QAM	1	99	18.74	18.81	18.72		
20	64QAM	50	0	18.71	18.75	18.67		
20	64QAM	50	24	18.70	18.68	18.75		
20	64QAM	50	50	18.72	18.71	18.70		
20	64QAM	100	0	18.65	18.72	18.67		
20	256QAM	1	0	17.66	17.71	17.65		
20	256QAM	1	49	17.57	17.59	17.51	19	1.2
20	256QAM	1	99	17.56	17.67	17.53		
20	256QAM	50	0	17.61	17.65	17.53		
20	256QAM	50	24	17.62	17.64	17.58	19	1.2
20	256QAM	50	50	17.65	17.53	17.52		
20	256QAM	100	0	17.50	17.53	17.52		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.82	18.80	18.77	20.2	0
15	QPSK	1	37	18.60	18.69	18.74		
15	QPSK	1	74	18.72	18.77	18.66		
15	QPSK	36	0	18.76	18.81	18.69		
15	QPSK	36	20	18.67	18.69	18.67		
15	QPSK	36	39	18.70	18.74	18.65		
15	QPSK	75	0	18.65	18.74	18.73		
15	16QAM	1	0	18.70	18.73	18.81		
15	16QAM	1	37	18.60	18.67	18.69	20.2	0
15	16QAM	1	74	18.65	18.63	18.67		
15	16QAM	36	0	18.66	18.71	18.66		
15	16QAM	36	20	18.69	18.56	18.72	20.2	0
15	16QAM	36	39	18.73	18.74	18.61		
15	16QAM	75	0	18.64	18.65	18.66		
15	64QAM	1	0	18.76	18.74	18.68		
15	64QAM	1	37	18.59	18.58	18.58	20.2	0
15	64QAM	1	74	18.73	18.79	18.64		
15	64QAM	36	0	18.61	18.63	18.60		
15	64QAM	36	20	18.61	18.67	18.63	20.2	0
15	64QAM	36	39	18.67	18.60	18.60		
15	64QAM	75	0	18.61	18.65	18.65		
15	256QAM	1	0	17.56	17.64	17.58		
15	256QAM	1	37	17.47	17.54	17.48	19	1.2
15	256QAM	1	74	17.46	17.63	17.48		
15	256QAM	36	0	17.56	17.59	17.44		
15	256QAM	36	20	17.53	17.53	17.50	19	1.2
15	256QAM	36	39	17.56	17.41	17.51		
15	256QAM	75	0	17.43	17.50	17.48		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.77	18.84	18.79	20.2	0
10	QPSK	1	25	18.67	18.67	18.72		
10	QPSK	1	49	18.70	18.88	18.67		
10	QPSK	25	0	18.76	18.76	18.73		
10	QPSK	25	12	18.72	18.74	18.70	20.2	0
10	QPSK	25	25	18.70	18.75	18.70		
10	QPSK	50	0	18.65	18.76	18.67		
10	16QAM	1	0	18.70	18.78	18.80		
10	16QAM	1	25	18.59	18.65	18.62	20.2	0
10	16QAM	1	49	18.71	18.71	18.60		
10	16QAM	25	0	18.69	18.76	18.62		
10	16QAM	25	12	18.65	18.59	18.63	20.2	0
10	16QAM	25	25	18.67	18.67	18.61		
10	16QAM	50	0	18.59	18.66	18.71		
10	64QAM	1	0	18.72	18.75	18.65		
10	64QAM	1	25	18.64	18.63	18.60	20.2	0
10	64QAM	1	49	18.65	18.81	18.70		
10	64QAM	25	0	18.62	18.75	18.56		
10	64QAM	25	12	18.67	18.64	18.65	20.2	0
10	64QAM	25	25	18.66	18.66	18.65		
10	64QAM	50	0	18.57	18.71	18.55		
10	256QAM	1	0	17.56	17.70	17.65		
10	256QAM	1	25	17.53	17.56	17.45	19	1.2
10	256QAM	1	49	17.46	17.64	17.50		
10	256QAM	25	0	17.57	17.56	17.49		
10	256QAM	25	12	17.61	17.61	17.51	19	1.2
10	256QAM	25	25	17.63	17.48	17.41		
10	256QAM	50	0	17.38	17.51	17.48		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.81	18.85	18.79	20.2	0
5	QPSK	1	12	18.62	18.67	18.74		
5	QPSK	1	24	18.77	18.87	18.66		
5	QPSK	12	0	18.78	18.74	18.72		
5	QPSK	12	7	18.74	18.68	18.74	20.2	0
5	QPSK	12	13	18.74	18.73	18.69		
5	QPSK	25	0	18.70	18.71	18.64		
5	16QAM	1	0	18.68	18.74	18.78		
5	16QAM	1	12	18.56	18.65	18.60	20.2	0
5	16QAM	1	24	18.65	18.67	18.64		
5	16QAM	12	0	18.68	18.71	18.71		
5	16QAM	12	7	18.62	18.59	18.65	20.2	0
5	16QAM	12	13	18.78	18.73	18.60		
5	16QAM	25	0	18.57	18.72	18.72		
5	64QAM	1	0	18.77	18.73	18.67		
5	64QAM	1	12	18.61	18.64	18.64	20.2	0
5	64QAM	1	24	18.71	18.69	18.65		
5	64QAM	12	0	18.67	18.72	18.57		
5	64QAM	12	7	18.67	18.65	18.69	20.2	0
5	64QAM	12	13	18.65	18.61	18.62		
5	64QAM	25	0	18.54	18.62	18.61		
5	256QAM	1	0	17.61	17.67	17.63		
5	256QAM	1	12	17.48	17.58	17.44	19	1.2
5	256QAM	1	24	17.54	17.61	17.49		
5	256QAM	12	0	17.61	17.59	17.51		
5	256QAM	12	7	17.60	17.63	17.58	19	1.2
5	256QAM	12	13	17.64	17.42	17.41		
5	256QAM	25	0	17.40	17.43	17.51		
Channel				26015	26340	26575	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.77	18.86	18.75	20.2	0
3	QPSK	1	8	18.63	18.72	18.64		
3	QPSK	1	14	18.74	18.79	18.65		
3	QPSK	8	0	18.79	18.74	18.76		
3	QPSK	8	4	18.76	18.76	18.75	20.2	0
3	QPSK	8	7	18.76	18.74	18.68		
3	QPSK	15	0	18.64	18.70	18.67		
3	16QAM	1	0	18.74	18.75	18.71		
3	16QAM	1	8	18.61	18.60	18.67	20.2	0
3	16QAM	1	14	18.60	18.73	18.60		
3	16QAM	8	0	18.66	18.78	18.68		
3	16QAM	8	4	18.63	18.54	18.67	20.2	0
3	16QAM	8	7	18.76	18.76	18.65		
3	16QAM	15	0	18.61	18.75	18.66		
3	64QAM	1	0	18.79	18.78	18.76		
3	64QAM	1	8	18.67	18.65	18.63	20.2	0
3	64QAM	1	14	18.64	18.74	18.71		
3	64QAM	8	0	18.64	18.66	18.65		
3	64QAM	8	4	18.60	18.61	18.69	20.2	0
3	64QAM	8	7	18.60	18.59	18.61		
3	64QAM	15	0	18.55	18.71	18.56		
3	256QAM	1	0	17.58	17.65	17.61		
3	256QAM	1	8	17.51	17.53	17.42	19	1.2
3	256QAM	1	14	17.55	17.55	17.43		
3	256QAM	8	0	17.54	17.58	17.53		
3	256QAM	8	4	17.60	17.60	17.53	19	1.2
3	256QAM	8	7	17.65	17.47	17.50		
3	256QAM	15	0	17.40	17.48	17.43		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.84	18.81	18.80	20.2	0
1.4	QPSK	1	3	18.62	18.70	18.74		
1.4	QPSK	1	5	18.73	18.79	18.72		
1.4	QPSK	3	0	18.73	18.77	18.77		
1.4	QPSK	3	1	18.66	18.67	18.70		
1.4	QPSK	3	3	18.71	18.71	18.63		
1.4	QPSK	6	0	18.69	18.77	18.75	20.2	0
1.4	16QAM	1	0	18.72	18.76	18.81	20.2	0
1.4	16QAM	1	3	18.64	18.63	18.67		
1.4	16QAM	1	5	18.66	18.66	18.67		
1.4	16QAM	3	0	18.67	18.73	18.71		
1.4	16QAM	3	1	18.61	18.56	18.71		
1.4	16QAM	3	3	18.73	18.75	18.60		
1.4	16QAM	6	0	18.56	18.69	18.62	20.2	0
1.4	64QAM	1	0	18.70	18.77	18.69	20.2	0
1.4	64QAM	1	3	18.69	18.61	18.63		
1.4	64QAM	1	5	18.67	18.75	18.64		
1.4	64QAM	3	0	18.65	18.66	18.64		
1.4	64QAM	3	1	18.62	18.62	18.69		
1.4	64QAM	3	3	18.68	18.65	18.62		
1.4	64QAM	6	0	18.61	18.68	18.65	20.2	0
1.4	256QAM	1	0	17.62	17.63	17.60	19	1.2
1.4	256QAM	1	3	17.53	17.49	17.44		
1.4	256QAM	1	5	17.54	17.64	17.42		
1.4	256QAM	3	0	17.57	17.62	17.45		
1.4	256QAM	3	1	17.52	17.59	17.55		
1.4	256QAM	3	3	17.55	17.45	17.48		
1.4	256QAM	6	0	17.43	17.43	17.43	19	1.2

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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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		19.54		20.8	0
10	QPSK	1	25		19.50			
10	QPSK	1	49		19.48			
10	QPSK	25	0		19.46			
10	QPSK	25	12		19.36		20.8	0
10	QPSK	25	25		19.36			
10	QPSK	50	0		19.41			
10	16QAM	1	0		19.41			
10	16QAM	1	25		19.43		20.8	0
10	16QAM	1	49		19.39			
10	16QAM	25	0		19.38			
10	16QAM	25	12		19.30		20.8	0
10	16QAM	25	25		19.26			
10	16QAM	50	0		19.35			
10	64QAM	1	0		19.42			
10	64QAM	1	25		19.46		20.8	0
10	64QAM	1	49		19.42			
10	64QAM	25	0		19.44			
10	64QAM	25	12		19.28		20.8	0
10	64QAM	25	25		19.22			
10	64QAM	50	0		19.28			
10	256QAM	1	0		17.80			
10	256QAM	1	25		17.68		19	1.8
10	256QAM	1	49		17.68			
10	256QAM	25	0		17.65			
10	256QAM	25	12		17.62		19	1.8
10	256QAM	25	25		17.57			
10	256QAM	50	0		17.59			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	19.42	19.48	19.43	20.8	0
5	QPSK	1	12	19.40	19.47	19.38		
5	QPSK	1	24	19.42	19.37	19.42		
5	QPSK	12	0	19.35	19.41	19.37	20.8	0
5	QPSK	12	7	19.31	19.25	19.27		
5	QPSK	12	13	19.32	19.29	19.33		
5	QPSK	25	0	19.39	19.32	19.32		
5	16QAM	1	0	19.38	19.33	19.34	20.8	0
5	16QAM	1	12	19.38	19.33	19.32		
5	16QAM	1	24	19.31	19.35	19.31		
5	16QAM	12	0	19.36	19.34	19.30	20.8	0
5	16QAM	12	7	19.22	19.19	19.20		
5	16QAM	12	13	19.17	19.17	19.13		
5	16QAM	25	0	19.24	19.27	19.25		
5	64QAM	1	0	19.29	19.28	19.35	20.8	0
5	64QAM	1	12	19.38	19.42	19.41		
5	64QAM	1	24	19.40	19.32	19.32		
5	64QAM	12	0	19.31	19.41	19.33	20.8	0
5	64QAM	12	7	19.23	19.21	19.25		
5	64QAM	12	13	19.13	19.17	19.08		
5	64QAM	25	0	19.16	19.21	19.20		
5	256QAM	1	0	17.70	17.73	17.75	19	1.8
5	256QAM	1	12	17.62	17.56	17.65		
5	256QAM	1	24	17.54	17.57	17.57		
5	256QAM	12	0	17.54	17.54	17.51	19	1.8
5	256QAM	12	7	17.55	17.56	17.55		
5	256QAM	12	13	17.52	17.54	17.52		
5	256QAM	25	0	17.47	17.45	17.57		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.21	19.25	19.19	20.3	0
20	QPSK	1	49	19.15	19.17	19.14		
20	QPSK	1	99	19.10	19.21	19.11		
20	QPSK	50	0	19.16	19.23	19.17		
20	QPSK	50	24	19.11	19.18	19.17		
20	QPSK	50	50	19.11	19.12	19.17		
20	QPSK	100	0	19.18	19.19	19.05		
20	16QAM	1	0	19.08	19.16	19.13		
20	16QAM	1	49	19.03	19.03	19.09		
20	16QAM	1	99	19.00	19.13	19.07		
20	16QAM	50	0	19.11	19.12	19.04		
20	16QAM	50	24	18.99	19.13	19.05		
20	16QAM	50	50	19.01	19.01	19.07		
20	16QAM	100	0	19.09	19.10	18.96		
20	64QAM	1	0	19.16	19.17	19.13		
20	64QAM	1	49	19.09	19.09	19.01		
20	64QAM	1	99	19.06	19.07	19.02		
20	64QAM	50	0	19.13	19.10	19.11		
20	64QAM	50	24	18.99	19.13	19.07		
20	64QAM	50	50	18.98	19.05	19.13		
20	64QAM	100	0	19.04	19.07	18.97		
20	256QAM	1	0	17.89	17.89	17.93		
20	256QAM	1	49	17.87	17.90	17.86	19	1.3
20	256QAM	1	99	17.83	17.91	17.80		
20	256QAM	50	0	17.88	17.96	17.89		
20	256QAM	50	24	17.80	17.93	17.90	19	1.3
20	256QAM	50	50	17.86	17.79	17.89		
20	256QAM	100	0	17.90	17.87	17.80		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.10	19.22	19.14	20.3	0
15	QPSK	1	37	19.01	19.07	19.01		
15	QPSK	1	74	19.01	19.10	19.06		
15	QPSK	36	0	19.08	19.20	19.10		
15	QPSK	36	20	18.98	19.12	19.09	20.3	0
15	QPSK	36	39	19.07	19.04	19.08		
15	QPSK	75	0	19.05	19.14	19.00		
15	16QAM	1	0	19.00	19.12	19.11		
15	16QAM	1	37	18.89	18.98	18.97	20.3	0
15	16QAM	1	74	18.94	19.09	18.93		
15	16QAM	36	0	19.07	19.05	18.93		
15	16QAM	36	20	18.92	19.00	18.99	20.3	0
15	16QAM	36	39	18.89	18.88	18.94		
15	16QAM	75	0	19.02	18.99	18.85		
15	64QAM	1	0	19.12	19.10	19.00		
15	64QAM	1	37	18.97	19.03	18.88	20.3	0
15	64QAM	1	74	19.04	19.05	18.90		
15	64QAM	36	0	18.99	18.99	18.99		
15	64QAM	36	20	18.92	19.04	18.97	20.3	0
15	64QAM	36	39	18.95	18.94	19.05		
15	64QAM	75	0	18.92	19.00	18.89		
15	256QAM	1	0	17.87	17.81	17.83		
15	256QAM	1	37	17.75	17.76	17.79	19	1.3
15	256QAM	1	74	17.77	17.79	17.68		
15	256QAM	36	0	17.77	17.89	17.86		
15	256QAM	36	20	17.67	17.81	17.78	19	1.3
15	256QAM	36	39	17.74	17.71	17.83		
15	256QAM	75	0	17.85	17.74	17.70		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.18	19.18	19.16	20.3	0
10	QPSK	1	25	19.12	19.05	19.05		
10	QPSK	1	49	19.06	19.08	19.00		
10	QPSK	25	0	19.10	19.19	19.03		
10	QPSK	25	12	18.98	19.13	19.08	20.3	0
10	QPSK	25	25	18.99	19.06	19.13		
10	QPSK	50	0	19.09	19.14	18.95		
10	16QAM	1	0	18.96	19.11	19.01		
10	16QAM	1	25	18.94	18.89	19.04	20.3	0
10	16QAM	1	49	18.86	19.03	18.99		
10	16QAM	25	0	19.02	19.00	18.95		
10	16QAM	25	12	18.85	19.07	19.00	20.3	0
10	16QAM	25	25	18.93	18.94	18.94		
10	16QAM	50	0	19.07	19.08	18.92		
10	64QAM	1	0	19.02	19.13	19.00		
10	64QAM	1	25	19.05	18.95	18.95	20.3	0
10	64QAM	1	49	18.99	19.04	18.97		
10	64QAM	25	0	19.08	19.06	19.02		
10	64QAM	25	12	18.93	19.10	19.02	20.3	0
10	64QAM	25	25	18.94	18.93	19.08		
10	64QAM	50	0	18.94	19.01	18.88		
10	256QAM	1	0	17.77	17.83	17.84		
10	256QAM	1	25	17.79	17.77	17.75	19	1.3
10	256QAM	1	49	17.69	17.86	17.78		
10	256QAM	25	0	17.79	17.88	17.80		
10	256QAM	25	12	17.77	17.84	17.87	19	1.3
10	256QAM	25	25	17.74	17.68	17.85		
10	256QAM	50	0	17.80	17.81	17.75		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.15	19.15	19.07	20.3	0
5	QPSK	1	12	19.04	19.12	19.00		
5	QPSK	1	24	18.97	19.07	19.00		
5	QPSK	12	0	19.05	19.12	19.09		
5	QPSK	12	7	19.06	19.15	19.12	20.3	0
5	QPSK	12	13	19.04	18.98	19.07		
5	QPSK	25	0	19.12	19.14	19.01		
5	16QAM	1	0	18.98	19.07	19.10		
5	16QAM	1	12	18.90	18.98	19.03	20.3	0
5	16QAM	1	24	18.95	19.11	19.01		
5	16QAM	12	0	19.02	19.03	18.93		
5	16QAM	12	7	18.96	19.00	19.02	20.3	0
5	16QAM	12	13	18.96	18.89	18.97		
5	16QAM	25	0	19.03	18.96	18.83		
5	64QAM	1	0	19.10	19.11	19.08		
5	64QAM	1	12	19.05	18.99	18.90	20.3	0
5	64QAM	1	24	19.00	18.97	18.93		
5	64QAM	12	0	19.04	19.03	19.07		
5	64QAM	12	7	18.96	19.02	19.01	20.3	0
5	64QAM	12	13	18.89	18.94	19.03		
5	64QAM	25	0	18.98	18.94	18.83		
5	256QAM	1	0	17.80	17.86	17.80		
5	256QAM	1	12	17.81	17.76	17.78	19	1.3
5	256QAM	1	24	17.79	17.80	17.72		
5	256QAM	12	0	17.77	17.82	17.84		
5	256QAM	12	7	17.72	17.86	17.77	19	1.3
5	256QAM	12	13	17.83	17.74	17.80		
5	256QAM	25	0	17.85	17.76	17.78		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.12	19.23	19.15	20.3	0
3	QPSK	1	8	19.11	19.10	19.05		
3	QPSK	1	14	19.06	19.18	18.99		
3	QPSK	8	0	19.11	19.18	19.07		
3	QPSK	8	4	19.07	19.15	19.13	20.3	0
3	QPSK	8	7	19.06	19.01	19.08		
3	QPSK	15	0	19.14	19.06	18.96		
3	16QAM	1	0	19.03	19.11	19.02		
3	16QAM	1	8	18.94	18.92	18.96	20.3	0
3	16QAM	1	14	18.86	19.03	19.01		
3	16QAM	8	0	19.09	19.08	18.96		
3	16QAM	8	4	18.96	19.07	19.03	20.3	0
3	16QAM	8	7	18.92	18.93	19.05		
3	16QAM	15	0	19.06	18.97	18.87		
3	64QAM	1	0	19.07	19.03	19.08		
3	64QAM	1	8	18.97	19.03	18.99	20.3	0
3	64QAM	1	14	19.04	18.97	18.90		
3	64QAM	8	0	19.03	19.04	19.07		
3	64QAM	8	4	18.93	19.00	19.01	20.3	0
3	64QAM	8	7	18.94	18.93	19.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	20.69	20.73	20.57	21.4	0
20	QPSK	1	49	20.55	20.56	20.55		
20	QPSK	1	99	20.65	20.64	20.55		
20	QPSK	50	0	20.56	20.67	20.57	21.4	0
20	QPSK	50	24	20.52	20.52	20.56		
20	QPSK	50	50	20.49	20.52	20.50		
20	QPSK	100	0	20.56	20.62	20.53		
20	16QAM	1	0	20.59	20.61	20.59	21.4	0
20	16QAM	1	49	20.57	20.59	20.47		
20	16QAM	1	99	20.42	20.59	20.42		
20	16QAM	50	0	20.47	20.55	20.51	21.4	0
20	16QAM	50	24	20.55	20.48	20.44		
20	16QAM	50	50	20.51	20.53	20.35		
20	16QAM	100	0	20.52	20.46	20.42		
20	64QAM	1	0	20.49	20.56	20.53	21.4	0
20	64QAM	1	49	20.54	20.53	20.46		
20	64QAM	1	99	20.55	20.65	20.44		
20	64QAM	50	0	20.16	20.36	20.29	21	0.4
20	64QAM	50	24	20.14	20.20	20.22		
20	64QAM	50	50	20.15	20.26	20.23		
20	64QAM	100	0	20.24	20.16	20.18		
20	256QAM	1	0	18.26	18.33	18.30	19	2.4
20	256QAM	1	49	18.25	18.14	18.07		
20	256QAM	1	99	18.15	18.29	18.11		
20	256QAM	50	0	18.19	18.16	18.08	19	2.4
20	256QAM	50	24	18.14	18.15	18.28		
20	256QAM	50	50	18.17	18.11	18.14		
20	256QAM	100	0	18.07	18.15	18.23		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	20.64	20.65	20.45	21.4	0
15	QPSK	1	37	20.50	20.52	20.44		
15	QPSK	1	74	20.58	20.61	20.47		
15	QPSK	36	0	20.48	20.55	20.46	21.4	0
15	QPSK	36	20	20.40	20.43	20.47		
15	QPSK	36	39	20.39	20.46	20.38		
15	QPSK	75	0	20.46	20.51	20.47		
15	16QAM	1	0	20.50	20.52	20.53	21.4	0
15	16QAM	1	37	20.48	20.46	20.34		
15	16QAM	1	74	20.39	20.54	20.37		
15	16QAM	36	0	20.44	20.43	20.40	21.4	0
15	16QAM	36	20	20.43	20.45	20.36		
15	16QAM	36	39	20.44	20.44	20.29		
15	16QAM	75	0	20.49	20.39	20.35		
15	64QAM	1	0	20.40	20.49	20.43	21.4	0
15	64QAM	1	37	20.46	20.48	20.38		
15	64QAM	1	74	20.48	20.62	20.30		
15	64QAM	36	0	20.03	20.26	20.21	21	0.4
15	64QAM	36	20	20.04	20.10	20.18		
15	64QAM	36	39	20.10	20.22	20.15		
15	64QAM	75	0	20.19	20.07	20.06		
15	256QAM	1	0	18.21	18.19	18.23	19	2.4
15	256QAM	1	37	18.17	18.05	17.99		
15	256QAM	1	74	18.12	18.23	18.04		
15	256QAM	36	0	18.09	18.05	17.99	19	2.4
15	256QAM	36	20	18.11	18.11	18.16		
15	256QAM	36	39	18.10	18.01	18.07		
15	256QAM	75	0	17.97	18.06	18.14		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2615		
10	QPSK	1	0	20.66	20.59	20.43	21.4	0
10	QPSK	1	25	20.42	20.52	20.46		
10	QPSK	1	49	20.60	20.57	20.47		
10	QPSK	25	0	20.50	20.57	20.44	21.4	0
10	QPSK	25	12	20.39	20.43	20.44		
10	QPSK	25	25	20.39	20.44	20.44		
10	QPSK	50	0	20.48	20.53	20.44		
10	16QAM	1	0	20.47	20.55	20.45	21.4	0
10	16QAM	1	25	20.49	20.57	20.40		
10	16QAM	1	49	20.29	20.55	20.35		
10	16QAM	25	0	20.44	20.47	20.49	21.4	0
10	16QAM	25	12	20.42	20.35	20.31		
10	16QAM	25	25	20.44	20.42	20.33		
10	16QAM	50	0	20.47	20.34	20.33		
10	64QAM	1	0	20.39	20.53	20.44	21.4	0
10	64QAM	1	25	20.50	20.50	20.38		
10	64QAM	1	49	20.44	20.52	20.33		
10	64QAM	25	0	20.06	20.27	20.23	21	0.4
10	64QAM	25	12	20.01	20.06	20.11		
10	64QAM	25	25	20.04	20.23	20.16		
10	64QAM	50	0	20.20	20.08	20.05		
10	256QAM	1	0	18.13	18.27	18.26	19	2.4
10	256QAM	1	25	18.23	18.04	18.00		
10	256QAM	1	49	18.09	18.21	18.04		
10	256QAM	25	0	18.12	18.05	17.96	19	2.4
10	256QAM	25	12	18.09	18.09	18.24		
10	256QAM	25	25	18.09	17.98	18.08		
10	256QAM	50	0	18.00	18.02	18.21		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	20.61	20.63	20.48	21.4	0
5	QPSK	1	12	20.44	20.48	20.48		
5	QPSK	1	24	20.63	20.55	20.48		
5	QPSK	12	0	20.48	20.58	20.43	21.4	0
5	QPSK	12	7	20.38	20.44	20.53		
5	QPSK	12	13	20.40	20.48	20.38		
5	QPSK	25	0	20.46	20.54	20.47	21.4	0
5	16QAM	1	0	20.52	20.50	20.48		
5	16QAM	1	12	20.46	20.49	20.36		
5	16QAM	1	24	20.37	20.55	20.38		
5	16QAM	12	0	20.42	20.49	20.38	21.4	0
5	16QAM	12	7	20.52	20.39	20.34		
5	16QAM	12	13	20.46	20.42	20.23		
5	16QAM	25	0	20.44	20.40	20.38		
5	64QAM	1	0	20.46	20.43	20.42	21.4	0
5	64QAM	1	12	20.50	20.47	20.42		
5	64QAM	1	24	20.42	20.52	20.37		
5	64QAM	12	0	20.09	20.23	20.26	21	0.4
5	64QAM	12	7	20.05	20.15	20.17		
5	64QAM	12	13	20.12	20.16	20.17		
5	64QAM	25	0	20.12	20.04	20.07		
5	256QAM	1	0	18.15	18.27	18.22	19	2.4
5	256QAM	1	12	18.18	18.12	17.94		
5	256QAM	1	24	18.05	18.21	18.06		
5	256QAM	12	0	18.12	18.05	17.97	19	2.4
5	256QAM	12	7	18.10	18.11	18.26		
5	256QAM	12	13	18.04	18.05	18.08		
5	256QAM	25	0	18.00	18.09	18.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2508	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.68	20.73	20.75	20.71	20.66	21.4	0
20	QPSK	1	49	20.59	20.64	20.68	20.63	20.63		
20	QPSK	1	99	20.61	20.68	20.73	20.60	20.62		
20	QPSK	50	0	20.60	20.60	20.70	20.61	20.57	21.4	0
20	QPSK	50	24	20.58	20.65	20.64	20.67	20.57		
20	QPSK	50	50	20.61	20.63	20.63	20.59	20.56		
20	QPSK	100	0	20.59	20.63	20.64	20.62	20.61		
20	16QAM	1	0	20.59	20.70	20.63	20.67	20.57	21.4	0
20	16QAM	1	49	20.53	20.59	20.65	20.60	20.53		
20	16QAM	1	99	20.55	20.55	20.67	20.47	20.56		
20	16QAM	50	0	20.57	20.56	20.62	20.56	20.49	21.4	0
20	16QAM	50	24	20.50	20.62	20.57	20.54	20.47		
20	16QAM	50	50	20.57	20.55	20.60	20.48	20.51		
20	16QAM	100	0	20.56	20.61	20.52	20.56	20.52		
20	64QAM	1	0	20.66	20.59	20.63	20.57	20.58	21.4	0
20	64QAM	1	49	20.56	20.57	20.60	20.57	20.59		
20	64QAM	1	99	20.51	20.66	20.68	20.53	20.54		
20	64QAM	50	0	20.29	20.27	20.39	20.37	20.20	21	0.4
20	64QAM	50	24	20.19	20.27	20.32	20.26	20.19		
20	64QAM	50	50	20.16	20.26	20.33	20.26	20.22		
20	64QAM	100	0	20.25	20.26	20.26	20.20	20.19		
20	256QAM	1	0	18.23	18.29	18.40	18.35	18.23	19	2.4
20	256QAM	1	49	18.22	18.29	18.26	18.18	18.22		
20	256QAM	1	99	18.25	18.23	18.33	18.16	18.22		
20	256QAM	50	0	18.24	18.24	18.26	18.20	18.13	19	2.4
20	256QAM	50	24	18.11	18.21	18.23	18.33	18.20		
20	256QAM	50	50	18.22	18.23	18.21	18.17	18.12		
20	256QAM	100	0	18.18	18.19	18.26	18.27	18.21		
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	20.60	20.66	20.70	20.63	20.56	21	0
15	QPSK	1	37	20.57	20.50	20.61	20.56	20.56		
15	QPSK	1	74	20.55	20.66	20.69	20.56	20.58		
15	QPSK	36	0	20.55	20.48	20.63	20.47	20.54	21.4	0
15	QPSK	36	20	20.51	20.57	20.52	20.65	20.48		
15	QPSK	36	39	20.54	20.60	20.56	20.55	20.50		
15	QPSK	75	0	20.47	20.59	20.62	20.58	20.55		
15	16QAM	1	0	20.51	20.66	20.58	20.59	20.51	21.4	0
15	16QAM	1	37	20.39	20.56	20.58	20.48	20.43		
15	16QAM	1	74	20.46	20.42	20.58	20.42	20.52		
15	16QAM	36	0	20.51	20.47	20.50	20.46	20.39	21.4	0
15	16QAM	36	20	20.46	20.52	20.51	20.49	20.38		
15	16QAM	36	39	20.47	20.51	20.54	20.37	20.46		
15	16QAM	75	0	20.52	20.50	20.45	20.54	20.47		
15	64QAM	1	0	20.52	20.54	20.55	20.51	20.54	21.4	0
15	64QAM	1	37	20.49	20.45	20.53	20.54	20.48		
15	64QAM	1	74	20.42	20.55	20.57	20.49	20.45		
15	64QAM	36	0	20.18	20.14	20.29	20.24	20.11	21	0.4
15	64QAM	36	20	20.10	20.14	20.29	20.22	20.12		
15	64QAM	36	39	20.08	20.23	20.31	20.16	20.11		
15	64QAM	75	0	20.19	20.18	20.23	20.11	20.09		
15	256QAM	1	0	18.13	18.15	18.29	18.30	18.16	19	2.4
15	256QAM	1	37	18.19	18.21	18.17	18.15	18.16		
15	256QAM	1	74	18.22	18.19	18.28	18.07	18.18		
15	256QAM	36	0	18.18	18.11	18.19	18.16	18.02	19	2.4
15	256QAM	36	20	18.08	18.13	18.10	18.29	18.10		
15	256QAM	36	39	18.14	18.10	18.17	18.06	18.08		
15	256QAM	75	0	18.06	18.12	18.17	18.22	18.13		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.57	20.63	20.67	20.61	20.55	21	0
10	QPSK	1	25	20.54	20.61	20.60	20.56	20.54		
10	QPSK	1	49	20.59	20.58	20.66	20.51	20.59		
10	QPSK	25	0	20.49	20.57	20.64	20.57	20.47	21.4	0
10	QPSK	25	12	20.46	20.56	20.62	20.56	20.46		
10	QPSK	25	25	20.59	20.49	20.53	20.56	20.51		
10	QPSK	50	0	20.46	20.53	20.50	20.57	20.49		
10	16QAM	1	0	20.56	20.65	20.53	20.61	20.49	21.4	0
10	16QAM	1	25	20.43	20.53	20.52	20.53	20.41		
10	16QAM	1	49	20.46	20.49	20.64	20.44	20.44		
10	16QAM	25	0	20.52	20.46	20.53	20.51	20.41	21.4	0
10	16QAM	25	12	20.41	20.58	20.50	20.50	20.41		
10	16QAM	25	25	20.46	20.44	20.48	20.41	20.48		
10	16QAM	50	0	20.54	20.50	20.42	20.54	20.39		
10	64QAM	1	0	20.56	20.50	20.53	20.45	20.47	21.4	0
10	64QAM	1	25	20.51	20.50	20.50	20.45	20.54		
10	64QAM	1	49	20.46	20.58	20.58	20.50	20.48		
10	64QAM	25	0	20.16	20.21	20.37	20.29	20.11	21	0.4
10	64QAM	25	12	20.11	20.18	20.23	20.20	20.14		
10	64QAM	25	25	20.11	20.23	20.21	20.21	20.11		
10	64QAM	50	0	20.20	20.21	20.13	20.16	20.05		
10	256QAM	1	0	18.15	18.26	18.35	18.26	18.12	19	2.4
10	256QAM	1	25	18.20	18.15	18.14	18.15	18.14		
10	256QAM	1	49	18.17	18.11	18.20	18.06	18.15		
10	256QAM	25	0	18.15	18.15	18.21	18.09	18.06	19	2.4
10	256QAM	25	12	18.01	18.08	18.20	18.29	18.07		
10	256QAM	25	25	18.15	18.19	18.13	18.08	17.98		
10	256QAM	50	0	18.12	18.14	18.24	18.22	18.19		
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	20.63	20.60	20.69	20.65	20.60	21	0
5	QPSK	1	12	20.51	20.54	20.63	20.59	20.56		
5	QPSK	1	24	20.57	20.65	20.64	20.48	20.56		
5	QPSK	12	0	20.50	20.53	20.61	20.50	20.54	21.4	0
5	QPSK	12	7	20.46	20.55	20.54	20.57	20.49		
5	QPSK	12	13	20.48	20.57	20.50	20.46	20.53		
5	QPSK	25	0	20.56	20.55	20.55	20.55	20.58		
5	16QAM	1	0	20.53	20.68	20.52	20.60	20.53	21.4	0
5	16QAM	1	12	20.44	20.52	20.60	20.46	20.45		
5	16QAM	1	24	20.49	20.46	20.55	20.44	20.52		
5	16QAM	12	0	20.47	20.45	20.56	20.45	20.44	21.4	0
5	16QAM	12	7	20.48	20.55	20.44	20.47	20.39		
5	16QAM	12	13	20.53	20.52	20.52	20.42	20.41		
5	16QAM	25	0	20.52	20.51	20.38	20.52	20.42		
5	64QAM	1	0	20.62	20.54	20.60	20.50	20.54	21.4	0
5	64QAM	1	12	20.51	20.50	20.48	20.46	20.53		
5	64QAM	1	24	20.42	20.54	20.57	20.45	20.44		
5	64QAM	12	0	20.18	20.24	20.31	20.33	20.17	21	0.4
5	64QAM	12	7	20.10	20.16	20.22	20.23	20.15		
5	64QAM	12	13	20.02	20.21	20.25	20.21	20.12		
5	64QAM	25	0	20.18	20.13	20.13	20.12	20.12		
5	256QAM	1	0	18.13	18.15	18.31	18.23	18.10	19	2.4
5	256QAM	1	12	18.13	18.15	18.23	18.08	18.14		
5	256QAM	1	24	18.15	18.11	18.30	18.12	18.17		
5	256QAM	12	0	18.15	18.11	18.22	18.11	18.00	19	2.4
5	256QAM	12	7	17.99	18.12	18.17	18.23	18.11		
5	256QAM	12	13	18.13	18.20	18.11	18.13	18.01		
5	256QAM	25	0	18.13	18.11	18.16	18.18	18.09		

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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	21.90	21.96	21.98	21.95	21.92		
20	QPSK	1	49	21.84	21.92	21.85	21.90	21.89	23	0
20	QPSK	1	99	21.86	21.93	21.87	21.87	21.84		
20	QPSK	50	0	21.86	21.92	21.94	21.82	21.88		
20	QPSK	50	24	21.79	21.89	21.86	21.89	21.85	23	0
20	QPSK	50	50	21.79	21.91	21.86	21.82	21.88		
20	QPSK	100	0	21.85	21.89	21.92	21.90	21.79		
20	16QAM	1	0	21.80	21.87	21.89	21.83	21.78		
20	16QAM	1	49	21.76	21.79	21.71	21.87	21.86	23	0
20	16QAM	1	99	21.76	21.84	21.81	21.80	21.80		
20	16QAM	50	0	21.79	21.84	21.90	21.77	21.82		
20	16QAM	50	24	21.70	21.78	21.77	21.81	21.77	23	0
20	16QAM	50	50	21.65	21.81	21.79	21.73	21.75		
20	16QAM	100	0	21.71	21.80	21.87	21.78	21.67		
20	64QAM	1	0	21.87	21.84	21.85	21.88	21.83		
20	64QAM	1	49	21.78	21.85	21.82	21.84	21.76	23	0
20	64QAM	1	99	21.82	21.86	21.85	21.74	21.77		
20	64QAM	50	0	21.83	21.87	21.82	21.74	21.76		
20	64QAM	50	24	21.74	21.79	21.80	21.83	21.73	23	0
20	64QAM	50	50	21.72	21.83	21.79	21.78	21.86		
20	64QAM	100	0	21.81	21.76	21.87	21.77	21.75		
20	256QAM	1	0	20.95	20.92	20.95	20.95	20.94		
20	256QAM	1	49	20.87	20.88	20.79	20.94	20.94	22	1
20	256QAM	1	99	20.89	20.92	20.85	20.90	20.80		
20	256QAM	50	0	20.83	20.88	20.98	20.82	20.85		
20	256QAM	50	24	20.83	20.90	20.89	20.84	20.81	22	1
20	256QAM	50	50	20.74	20.90	20.87	20.85	20.84		
20	256QAM	100	0	20.89	20.92	20.93	20.87	20.75		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.86	21.83	21.94	21.89	21.84		
15	QPSK	1	37	21.73	21.81	21.72	21.77	21.81	23	0
15	QPSK	1	74	21.80	21.83	21.82	21.75	21.75		
15	QPSK	36	0	21.76	21.90	21.83	21.70	21.75		
15	QPSK	36	20	21.71	21.81	21.76	21.79	21.79	23	0
15	QPSK	36	39	21.72	21.77	21.81	21.74	21.78		
15	QPSK	75	0	21.76	21.86	21.82	21.87	21.68		
15	16QAM	1	0	21.73	21.77	21.86	21.72	21.70		
15	16QAM	1	37	21.70	21.67	21.57	21.79	21.81	23	0
15	16QAM	1	74	21.62	21.81	21.78	21.74	21.67		
15	16QAM	36	0	21.73	21.81	21.77	21.74	21.73		
15	16QAM	36	20	21.62	21.72	21.73	21.72	21.69	23	0
15	16QAM	36	39	21.60	21.71	21.66	21.61	21.62		
15	16QAM	75	0	21.60	21.71	21.73	21.65	21.57		
15	64QAM	1	0	21.82	21.77	21.75	21.80	21.74		
15	64QAM	1	37	21.75	21.75	21.78	21.72	21.71	23	0
15	64QAM	1	74	21.68	21.74	21.75	21.62	21.67		
15	64QAM	36	0	21.74	21.84	21.73	21.67	21.63		
15	64QAM	36	20	21.62	21.66	21.68	21.71	21.60	23	0
15	64QAM	36	39	21.65	21.78	21.67	21.71	21.77		
15	64QAM	75	0	21.69	21.65	21.80	21.68	21.67		
15	256QAM	1	0	20.86	20.85	20.86	20.87	20.91		
15	256QAM	1	37	20.78	20.85	20.73	20.90	20.84	22	1
15	256QAM	1	74	20.82	20.88	20.74	20.83	20.69		
15	256QAM	36	0	20.80	20.79	20.88	20.70	20.74		
15	256QAM	36	20	20.75	20.82	20.86	20.70	20.72	22	1
15	256QAM	36	39	20.67	20.81	20.75	20.81	20.73		
15	256QAM	75	0	20.81	20.88	20.84	20.79	20.64		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.83	21.86	21.94	21.87	21.89		
10	QPSK	1	25	21.75	21.85	21.73	21.88	21.82	23	0
10	QPSK	1	49	21.83	21.85	21.73	21.77	21.72		
10	QPSK	25	0	21.82	21.89	21.87	21.79	21.75		
10	QPSK	25	12	21.74	21.81	21.76	21.76	21.81	23	0
10	QPSK	25	25	21.70	21.81	21.82	21.80	21.83		
10	QPSK	50	0	21.80	21.77	21.86	21.77	21.66		
10	16QAM	1	0	21.77	21.82	21.83	21.81	21.70		
10	16QAM	1	25	21.63	21.76	21.67	21.74	21.76	23	0
10	16QAM	1	49	21.68	21.74	21.69	21.78	21.70		
10	16QAM	25	0	21.75	21.76	21.84	21.69	21.75		
10	16QAM	25	12	21.67	21.75	21.69	21.77	21.67	23	0
10	16QAM	25	25	21.58	21.73	21.75	21.71	21.69		
10	16QAM	50	0	21.60	21.70	21.73	21.66	21.60		
10	64QAM	1	0	21.80	21.81	21.83	21.81	21.73		
10	64QAM	1	25	21.67	21.81	21.75	21.73	21.65	23	0
10	64QAM	1	49	21.78	21.82	21.74	21.62	21.72		
10	64QAM	25	0	21.74	21.77	21.72	21.70	21.71		
10	64QAM	25	12	21.63	21.86	21.76	21.73	21.61	23	0
10	64QAM	25	25	21.69	21.80	21.76	21.76	21.83		
10	64QAM	50	0	21.67	21.66	21.83	21.72	21.62		
10	256QAM	1	0	20.83	20.89	20.81	20.92	20.84		
10	256QAM	1	25	20.75	20.83	20.65	20.88	20.91	22	1
10	256QAM	1	49	20.80	20.85	20.75	20.87	20.70		
10	256QAM	25	0	20.76	20.84	20.90	20.74	20.82		
10	256QAM	25	12	20.80	20.86	20.86	20.75	20.70	22	1
10	256QAM	25	25	20.71	20.86	20.76	20.82	20.79		
10	256QAM	50	0	20.85	20.88	20.81	20.82	20.70		
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	21.79	21.83	21.90	21.84	21.80		
5	QPSK	1	12	21.80	21.86	21.78	21.78	21.84	23	0
5	QPSK	1	24	21.79	21.79	21.83	21.74	21.79		
5	QPSK	12	0	21.82	21.82	21.87	21.69	21.64		
5	QPSK	12	7	21.66	21.82	21.77	21.79	21.78	23	0
5	QPSK	12	13	21.72	21.89	21.75	21.71	21.74		
5	QPSK	25	0	21.80	21.84	21.79	21.80	21.74		
5	16QAM	1	0	21.70	21.84	21.87	21.75	21.69		
5	16QAM	1	12	21.66	21.74	21.65	21.79	21.76	23	0
5	16QAM	1	24	21.68	21.70	21.71	21.78	21.75		
5	16QAM	12	0	21.65	21.73	21.76	21.68	21.77		
5	16QAM	12	7	21.59	21.75	21.67	21.74	21.71	23	0
5	16QAM	12	13	21.53	21.77	21.67	21.63	21.71		
5	16QAM	25	0	21.66	21.77	21.82	21.70	21.53		
5	64QAM	1	0	21.77	21.80	21.79	21.83	21.74		
5	64QAM	1	12	21.66	21.74	21.73	21.71	21.65	23	0
5	64QAM	1	24	21.68	21.79	21.80	21.63	21.70		
5	64QAM	12	0	21.75	21.77	21.74	21.66	21.70		
5	64QAM	12	7	21.66	21.70	21.71	21.76	21.64	23	0
5	64QAM	12	13	21.61	21.75	21.66	21.74	21.73		
5	64QAM	25	0	21.74	21.72	21.80	21.64	21.62		
5	256QAM	1	0	20.86	20.81	20.87	20.91	20.86		
5	256QAM	1	12	20.73	20.85	20.68	20.88	20.80	22	1
5	256QAM	1	24	20.80	20.85	20.76	20.84	20.68		
5	256QAM	12	0	20.76	20.81	20.91	20.80	20.79		
5	256QAM	12	7	20.75	20.84	20.83	20.70	20.71	22	1
5	256QAM	12	13	20.67	20.83	20.80	20.73	20.80		
5	256QAM	25	0	20.79	20.80	20.86	20.82	20.69		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.67	20.70	20.68	20.64		
20	QPSK	1	49	20.63	20.61	20.58	20.57	21.9	0
20	QPSK	1	99	20.62	20.62	20.55	20.59		
20	QPSK	50	0	20.53	20.66	20.63	20.60		
20	QPSK	50	24	20.63	20.61	20.55	20.53	21.9	0
20	QPSK	50	50	20.60	20.60	20.61	20.55		
20	QPSK	100	0	20.61	20.64	20.55	20.59		
20	16QAM	1	0	20.57	20.62	20.59	20.60		
20	16QAM	1	49	20.60	20.53	20.44	20.46	21.9	0
20	16QAM	1	99	20.51	20.57	20.52	20.52		
20	16QAM	50	0	20.46	20.61	20.51	20.49		
20	16QAM	50	24	20.51	20.49	20.41	20.51	21.9	0
20	16QAM	50	50	20.48	20.49	20.55	20.46		
20	16QAM	100	0	20.55	20.59	20.41	20.51		
20	64QAM	1	0	20.59	20.57	20.60	20.58		
20	64QAM	1	49	20.49	20.51	20.54	20.53	21.9	0
20	64QAM	1	99	20.51	20.48	20.46	20.54		
20	64QAM	50	0	19.74	19.85	19.83	19.76		
20	64QAM	50	24	19.78	19.67	19.66	19.68	21	0.9
20	64QAM	50	50	19.66	19.68	19.66	19.69		
20	64QAM	100	0	19.66	19.80	19.75	19.73		
20	256QAM	1	0	17.73	17.76	17.78	17.72		
20	256QAM	1	49	17.78	17.76	17.63	17.68	19	2.9
20	256QAM	1	99	17.76	17.67	17.65	17.65		
20	256QAM	50	0	17.68	17.79	17.77	17.71		
20	256QAM	50	24	17.73	17.70	17.59	17.60	19	2.9
20	256QAM	50	50	17.67	17.71	17.71	17.60		
20	256QAM	100	0	17.77	17.77	17.69	17.74		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.57	20.64	20.63	20.52		
15	QPSK	1	37	20.53	20.57	20.49	20.47	21.9	0
15	QPSK	1	74	20.54	20.56	20.51	20.53		
15	QPSK	36	0	20.40	20.58	20.51	20.50		
15	QPSK	36	20	20.56	20.51	20.51	20.46	21.9	0
15	QPSK	36	39	20.52	20.55	20.55	20.49		
15	QPSK	75	0	20.52	20.62	20.47	20.52		
15	16QAM	1	0	20.45	20.54	20.55	20.52		
15	16QAM	1	37	20.54	20.48	20.37	20.44	21.9	0
15	16QAM	1	74	20.41	20.54	20.40	20.43		
15	16QAM	36	0	20.32	20.49	20.46	20.40		
15	16QAM	36	20	20.42	20.45	20.34	20.45	21.9	0
15	16QAM	36	39	20.44	20.39	20.43	20.33		
15	16QAM	75	0	20.44	20.54	20.32	20.40		
15	64QAM	1	0	20.54	20.54	20.57	20.44		
15	64QAM	1	37	20.41	20.48	20.41	20.49	21.9	0
15	64QAM	1	74	20.41	20.38	20.34	20.42		
15	64QAM	36	0	19.71	19.74	19.71	19.70		
15	64QAM	36	20	19.74	19.57	19.61	19.57	21	0.9
15	64QAM	36	39	19.57	19.61	19.57	19.62		
15	64QAM	75	0	19.53	19.78	19.69	19.70		
15	256QAM	1	0	17.68	17.64	17.66	17.69		
15	256QAM	1	37	17.68	17.73	17.54	17.65	19	2.9
15	256QAM	1	74	17.64	17.54	17.53	17.52		
15	256QAM	36	0	17.55	17.66	17.73	17.64		
15	256QAM	36	20	17.65	17.64	17.50	17.53	19	2.9
15	256QAM	36	39	17.57	17.60	17.64	17.53		
15	256QAM	75	0	17.69	17.65	17.56	17.62		
Channel				55290	55815	56155	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.54	20.63	20.57	20.55		
10	QPSK	1	25	20.51	20.48	20.52	20.49	21.9	0
10	QPSK	1	49	20.50	20.51	20.45	20.56		
10	QPSK	25	0	20.49	20.58	20.55	20.56		
10	QPSK	25	12	20.51	20.57	20.48	20.50	21.9	0
10	QPSK	25	25	20.46	20.50	20.50	20.52		
10	QPSK	50	0	20.57	20.60	20.52	20.52		
10	16QAM	1	0	20.53	20.50	20.47	20.53		
10	16QAM	1	25	20.48	20.43	20.38	20.36	21.9	0
10	16QAM	1	49	20.40	20.52	20.40	20.38		
10	16QAM	25	0	20.40	20.58	20.38	20.43		
10	16QAM	25	12	20.47	20.40	20.36	20.41	21.9	0
10	16QAM	25	25	20.45	20.45	20.46	20.32		
10	16QAM	50	0	20.45	20.47	20.38	20.37		
10	64QAM	1	0	20.53	20.47	20.57	20.46		
10	64QAM	1	25	20.37	20.42	20.41	20.41	21.9	0
10	64QAM	1	49	20.46	20.35	20.35	20.48		
10	64QAM	25	0	19.65	19.78	19.74	19.70		
10	64QAM	25	12	19.69	19.64	19.54	19.63	21	0.9
10	64QAM	25	25	19.58	19.64	19.56	19.61		
10	64QAM	50	0	19.53	19.74	19.71	19.62		
10	256QAM	1	0	17.66	17.65	17.69	17.67		
10	256QAM	1	25	17.73	17.69	17.58	17.55	19	2.9
10	256QAM	1	49	17.70	17.63	17.62	17.62		
10	256QAM	25	0	17.65	17.71	17.66	17.66		
10	256QAM	25	12	17.70	17.62	17.48	17.53	19	2.9
10	256QAM	25	25	17.62	17.64	17.60	17.51		
10	256QAM	50	0	17.68	17.65	17.59	17.69		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3553.5	3607	3643	3697.5		
5	QPSK	1	0	20.56	20.57	20.63	20.57		
5	QPSK	1	12	20.55	20.58	20.49	20.53	21.9	0
5	QPSK	1	24	20.59	20.55	20.46	20.46		
5	QPSK	12	0	20.42	20.54	20.57	20.46		
5	QPSK	12	7	20.53	20.49	20.43	20.41	21.9	0
5	QPSK	12	13	20.53	20.51	20.54	20.47		
5	QPSK	25	0	20.58	20.58	20.52	20.48		
5	16QAM	1	0	20.45	20.50	20.48	20.51		
5	16QAM	1	12	20.46	20.43	20.37	20.43	21.9	0
5	16QAM	1	24	20.39	20.43	20.40	20.41		
5	16QAM	12	0	20.41	20.51	20.46	20.44		
5	16QAM	12	7	20.44	20.39	20.33	20.45	21.9	0
5	16QAM	12	13	20.41	20.37	20.42	20.40		
5	16QAM	25	0	20.50	20.54	20.33	20.45		
5	64QAM	1	0	20.46	20.51	20.50	20.55		
5	64QAM	1	12	20.43	20.49	20.40	20.44	21.9	0
5	64QAM	1	24	20.47	20.46	20.34	20.41		
5	64QAM	12	0	19.65	19.82	19.79	19.68		
5	64QAM	12	7	19.70	19.62	19.57	19.56	21	0.9
5	64QAM	12	13	19.61	19.58	19.59	19.59		
5	64QAM	25	0	19.60	19.74	19.69	19.60		
5	256QAM	1	0	17.66	17.65	17.74	17.64		
5	256QAM	1	12	17.76	17.65	17.54	17.61	19	2.9
5	256QAM	1	24	17.66	17.58	17.54	17.63		
5	256QAM	12	0	17.61	17.67	17.65	17.61		
5	256QAM	12	7	17.64	17.57	17.46	17.56	19	2.9
5	256QAM	12	13	17.63	17.59	17.66	17.55		
5	256QAM	25	0	17.70	17.66	17.66	17.63		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3660	3609	3641	3690		
20	QPSK	1	0	18.08	18.12	18.06	18.10	19.3	0
20	QPSK	1	49	18.03	18.03	17.93	17.96		
20	QPSK	1	99	18.04	18.02	17.94	18.03		
20	QPSK	50	0	18.05	18.08	17.96	18.07	19.3	0
20	QPSK	50	24	18.01	18.03	17.93	17.98		
20	QPSK	50	50	18.05	18.02	18.00	18.05		
20	QPSK	100	0	17.95	18.06	18.00	17.97		
20	16QAM	1	0	18.04	18.05	18.02	17.97	19.3	0
20	16QAM	1	49	17.98	17.97	17.90	17.93		
20	16QAM	1	99	17.96	17.89	17.88	17.91		
20	16QAM	50	0	17.97	17.98	17.83	18.02	19.3	0
20	16QAM	50	24	17.90	17.92	17.82	17.93		
20	16QAM	50	50	18.02	17.90	17.95	17.95		
20	16QAM	100	0	17.86	17.95	17.97	17.88		
20	64QAM	1	0	18.05	17.99	17.92	18.07	19.3	0
20	64QAM	1	49	18.01	17.99	17.84	17.85		
20	64QAM	1	99	17.94	17.90	17.84	18.01		
20	64QAM	50	0	17.91	17.98	17.92	17.99	19.3	0
20	64QAM	50	24	17.94	18.00	17.89	17.94		
20	64QAM	50	50	17.91	17.97	17.93	17.96		
20	64QAM	100	0	17.88	17.98	17.93	17.89		
20	256QAM	1	0	17.73	17.72	17.67	17.73	19	0.3
20	256QAM	1	49	17.71	17.67	17.57	17.60		
20	256QAM	1	99	17.71	17.70	17.56	17.63		
20	256QAM	50	0	17.68	17.73	17.64	17.66	19	0.3
20	256QAM	50	24	17.70	17.65	17.64	17.63		
20	256QAM	50	50	17.65	17.61	17.66	17.74		
20	256QAM	100	0	17.65	17.66	17.60	17.57		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3657.5	3608	3642	3692.5		
15	QPSK	1	0	17.71	17.73	17.72	17.79	19.3	0
15	QPSK	1	37	17.67	17.64	17.57	17.66		
15	QPSK	1	74	17.69	17.62	17.59	17.68		
15	QPSK	36	0	17.73	17.79	17.58	17.76	19.3	0
15	QPSK	36	20	17.62	17.65	17.61	17.62		
15	QPSK	36	39	17.72	17.62	17.64	17.70		
15	QPSK	75	0	17.62	17.69	17.66	17.64		
15	16QAM	1	0	17.69	17.65	17.62	17.59	19.3	0
15	16QAM	1	37	17.63	17.65	17.56	17.63		
15	16QAM	1	74	17.64	17.51	17.52	17.62		
15	16QAM	36	0	17.56	17.68	17.50	17.69	19.3	0
15	16QAM	36	20	17.58	17.55	17.42	17.53		
15	16QAM	36	39	17.65	17.50	17.63	17.57		
15	16QAM	75	0	17.46	17.65	17.58	17.50		
15	64QAM	1	0	17.76	17.67	17.60	17.69	19.3	0
15	64QAM	1	37	17.69	17.63	17.47	17.49		
15	64QAM	1	74	17.53	17.56	17.49	17.69		
15	64QAM	36	0	17.53	17.58	17.55	17.58	19.3	0
15	64QAM	36	20	17.58	17.68	17.57	17.65		
15	64QAM	36	39	17.51	17.61	17.62	17.66		
15	64QAM	75	0	17.57	17.58	17.58	17.57		
15	256QAM	1	0	17.37	17.33	17.28	17.34	19	0.3
15	256QAM	1	37	17.33	17.35	17.19	17.24		
15	256QAM	1	74	17.40	17.39	17.22	17.34		
15	256QAM	36	0	17.36	17.42	17.27	17.32	19	0.3
15	256QAM	36	20	17.35	17.27	17.27	17.33		
15	256QAM	36	39	17.34	17.31	17.36	17.39		
15	256QAM	75	0	17.29	17.31	17.22	17.25		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3655	3607.5	3642.5	3695		
10	QPSK	1	0	17.75	17.78	17.74	17.71	19.3	0
10	QPSK	1	25	17.64	17.71	17.53	17.65		
10	QPSK	1	49	17.74	17.65	17.61	17.72		
10	QPSK	25	0	17.68	17.73	17.66	17.76	19.3	0
10	QPSK	25	12	17.62	17.70	17.59	17.62		
10	QPSK	25	25	17.66	17.71	17.59	17.70		
10	QPSK	50	0	17.58	17.70	17.67	17.59		
10	16QAM	1	0	17.68	17.67	17.66	17.65	19.3	0
10	16QAM	1	25	17.64	17.62	17.52	17.54		
10	16QAM	1	49	17.65	17.57	17.57	17.52		
10	16QAM	25	0	17.60	17.62	17.45	17.62	19.3	0
10	16QAM	25	12	17.53	17.59	17.49	17.55		
10	16QAM	25	25	17.71	17.59	17.57	17.61		
10	16QAM	50	0	17.53	17.61	17.58	17.51		
10	64QAM	1	0	17.67	17.64	17.51	17.74	19.3	0
10	64QAM	1	25	17.65	17.61	17.47	17.50		
10	64QAM	1	49	17.61	17.60	17.52	17.64		
10	64QAM	25	0	17.57	17.64	17.52	17.65	19.3	0
10	64QAM	25	12	17.58	17.62	17.53	17.56		
10	64QAM	25	25	17.55	17.59	17.54	17.65		
10	64QAM	50	0	17.53	17.68	17.63	17.51		
10	256QAM	1	0	17.35	17.39	17.35	17.43	19	0.3
10	256QAM	1	25	17.38	17.36	17.20	17.26		
10	256QAM	1	49	17.36	17.37	17.26	17.28		
10	256QAM	25	0	17.35	17.37	17.34	17.26	19	0.3
10	256QAM	25	12	17.34	17.30	17.33	17.32		
10	256QAM	25	25	17.28	17.26	17.29	17.37		
10	256QAM	50	0	17.30	17.30	17.23	17.24		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3652.5	3607	3645	3697.5		
5	QPSK	1	0	17.70	17.78	17.74	17.81	19.3	0
5	QPSK	1	12	17.65	17.71	17.61	17.59		
5	QPSK	1	24	17.67	17.62	17.54	17.62		
5	QPSK	12	0	17.76	17.76	17.63	17.75	19.3	0
5	QPSK	12	7	17.68	17.68	17.61	17.63		
5	QPSK	12	13	17.67	17.67	17.68	17.65		
5	QPSK	25	0	17.61	17.69	17.66	17.64		
5	16QAM	1	0	17.74	17.66	17.70	17.65	19.3	0
5	16QAM	1	12	17.67	17.61	17.60	17.54		
5	16QAM	1	24	17.60	17.53	17.54	17.61		
5	16QAM	12	0	17.67	17.69	17.52	17.68	19.3	0
5	16QAM	12	7	17.60	17.59	17.46	17.61		
5	16QAM	12	13	17.64	17.57	17.55	17.63		
5	16QAM	25	0	17.47	17.61	17.61	17.48		
5	64QAM	1	0	17.68	17.62	17.61	17.70	19.3	0
5	64QAM	1	12	17.66	17.64	17.45	17.55		
5	64QAM	1	24	17.56	17.59	17.43	17.70		
5	64QAM	12	0	17.55	17.64	17.55	17.62	19.3	0
5	64QAM	12	7	17.57	17.63	17.51	17.65		
5	64QAM	12	13	17.58	17.58	17.60	17.57		
5	64QAM	25	0	17.47	17.67	17.53	17.57		
5	256QAM	1	0	17.36	17.38	17.31	17.36	19	0.3
5	256QAM	1	12	17.41	17.29	17.24	17.30		
5	256QAM	1	24	17.38	17.33	17.20	17.32		
5	256QAM	12	0	17.32	17.38	17.33	17.32	19	0.3
5	256QAM	12	7	17.39	17.36	17.31	17.31		
5	256QAM	12	13	17.35	17.22	17.26	17.38		
5	256QAM	25	0	17.32	17.26	17.29	17.18		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3680	3609	3641	3690		
20	QPSK	1	0	16.53	16.60	16.55	16.58	17.7	0
20	QPSK	1	49	16.45	16.55	16.44	16.53		
20	QPSK	1	99	16.46	16.49	16.43	16.52		
20	QPSK	50	0	16.46	16.57	16.44	16.53	17.7	0
20	QPSK	50	24	16.44	16.54	16.46	16.55		
20	QPSK	50	50	16.43	16.49	16.41	16.51		
20	QPSK	100	0	16.45	16.52	16.46	16.45		
20	16QAM	1	0	16.47	16.50	16.51	16.52	17.7	0
20	16QAM	1	49	16.33	16.50	16.41	16.48		
20	16QAM	1	99	16.32	16.47	16.31	16.41		
20	16QAM	50	0	16.35	16.44	16.37	16.45	17.7	0
20	16QAM	50	24	16.38	16.47	16.37	16.46		
20	16QAM	50	50	16.31	16.36	16.29	16.40		
20	16QAM	100	0	16.41	16.40	16.42	16.36		
20	64QAM	1	0	16.46	16.50	16.48	16.51	17.7	0
20	64QAM	1	49	16.38	16.51	16.41	16.48		
20	64QAM	1	99	16.38	16.40	16.35	16.42		
20	64QAM	50	0	16.39	16.48	16.39	16.44	17.7	0
20	64QAM	50	24	16.41	16.42	16.33	16.47		
20	64QAM	50	50	16.32	16.37	16.31	16.41		
20	64QAM	100	0	16.35	16.43	16.35	16.40		
20	256QAM	1	0	16.46	16.51	16.51	16.44	17.7	0
20	256QAM	1	49	16.39	16.44	16.41	16.47		
20	256QAM	1	99	16.35	16.40	16.40	16.40		
20	256QAM	50	0	16.35	16.49	16.32	16.48	17.7	0
20	256QAM	50	24	16.30	16.44	16.34	16.45		
20	256QAM	50	50	16.37	16.44	16.32	16.41		
20	256QAM	100	0	16.32	16.38	16.36	16.38		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3657.5	3628	3642	3692.5		
15	QPSK	1	0	16.41	16.54	16.41	16.45	17.7	0
15	QPSK	1	37	16.33	16.51	16.31	16.49		
15	QPSK	1	74	16.40	16.41	16.35	16.49		
15	QPSK	36	0	16.33	16.54	16.32	16.41	17.7	0
15	QPSK	36	20	16.34	16.41	16.35	16.52		
15	QPSK	36	39	16.40	16.46	16.33	16.42		
15	QPSK	75	0	16.37	16.41	16.41	16.38		
15	16QAM	1	0	16.34	16.44	16.43	16.47	17.7	0
15	16QAM	1	37	16.29	16.45	16.35	16.37		
15	16QAM	1	74	16.26	16.35	16.18	16.34		
15	16QAM	36	0	16.22	16.40	16.33	16.40	17.7	0
15	16QAM	36	20	16.25	16.38	16.26	16.33		
15	16QAM	36	39	16.20	16.23	16.21	16.29		
15	16QAM	75	0	16.36	16.30	16.29	16.33		
15	64QAM	1	0	16.39	16.43	16.34	16.48	17.7	0
15	64QAM	1	37	16.28	16.47	16.34	16.37		
15	64QAM	1	74	16.25	16.31	16.22	16.33		
15	64QAM	36	0	16.35	16.45	16.31	16.34	17.7	0
15	64QAM	36	20	16.34	16.30	16.29	16.39		
15	64QAM	36	39	16.29	16.27	16.19	16.33		
15	64QAM	75	0	16.29	16.39	16.29	16.28		
15	256QAM	1	0	16.38	16.47	16.45	16.40	17.7	0
15	256QAM	1	37	16.33	16.36	16.29	16.33		
15	256QAM	1	74	16.26	16.26	16.29	16.29		
15	256QAM	36	0	16.30	16.43	16.26	16.41	17.7	0
15	256QAM	36	20	16.19	16.37	16.32	16.36		
15	256QAM	36	39	16.30	16.34	16.29	16.36		
15	256QAM	75	0	16.23	16.31	16.26	16.31		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3655	3607.5	3642.5	3695		
10	QPSK	1	0	16.49	16.53	16.50	16.47	17.7	0
10	QPSK	1	25	16.43	16.43	16.32	16.46		
10	QPSK	1	49	16.34	16.44	16.38	16.40		
10	QPSK	25	0	16.42	16.46	16.41	16.40	17.7	0
10	QPSK	25	12	16.38	16.52	16.37	16.52		
10	QPSK	25	25	16.31	16.46	16.31	16.38		
10	QPSK	50	0	16.40	16.40	16.38	16.37		
10	16QAM	1	0	16.42	16.43	16.49	16.39	17.7	0
10	16QAM	1	25	16.26	16.43	16.36	16.38		
10	16QAM	1	49	16.24	16.35	16.21	16.31		
10	16QAM	25	0	16.29	16.36	16.31	16.32	17.7	0
10	16QAM	25	12	16.26	16.39	16.23	16.38		
10	16QAM	25	25	16.21	16.28	16.23	16.36		
10	16QAM	50	0	16.31	16.38	16.36	16.32		
10	64QAM	1	0	16.40	16.43	16.41	16.40	17.7	0
10	64QAM	1	25	16.33	16.46	16.29	16.35		
10	64QAM	1	49	16.35	16.34	16.32	16.34		
10	64QAM	25	0	16.25	16.41	16.35	16.41	17.7	0
10	64QAM	25	12	16.27	16.32	16.24	16.38		
10	64QAM	25	25	16.27	16.26	16.22	16.31		
10	64QAM	50	0	16.27	16.40	16.30	16.30		
10	256QAM	1	0	16.42	16.43	16.37	16.33	17.7	0
10	256QAM	1	25	16.35	16.37	16.35	16.44		
10	256QAM	1	49	16.26	16.36	16.26	16.34		
10	256QAM	25	0	16.27	16.40	16.22	16.35	17.7	0
10	256QAM	25	12	16.26	16.32	16.31	16.38		
10	256QAM	25	25	16.30	16.42	16.21	16.30		
10	256QAM	50	0	16.18	16.33	16.26	16.25		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3652.5	3607	3645	3697.5		
5	QPSK	1	0	16.46	16.51	16.43	16.48	17.7	0
5	QPSK	1	12	16.41	16.44	16.37	16.44		
5	QPSK	1	24	16.42	16.36	16.35	16.46		
5	QPSK	12	0	16.42	16.47	16.39	16.40	17.7	0
5	QPSK	12	7	16.35	16.51	16.33	16.49		
5	QPSK	12	13	16.36	16.36	16.28	16.42		
5	QPSK	25	0	16.34	16.48	16.40	16.33		
5	16QAM	1	0	16.38	16.39	16.48	16.39	17.7	0
5	16QAM	1	12	16.19	16.39	16.38	16.40		
5	16QAM	1	24	16.30	16.40	16.22	16.38		
5	16QAM	12	0	16.26	16.39	16.33	16.34	17.7	0
5	16QAM	12	7	16.32	16.43	16.31	16.33		
5	16QAM	12	13	16.24	16.25	16.15	16.36		
5	16QAM	25	0	16.36	16.31	16.39	16.28		
5	64QAM	1	0	16.43	16.42	16.45	16.44	17.7	0
5	64QAM	1	12	16.35	16.45	16.36	16.42		
5	64QAM	1	24	16.33	16.35	16.26	16.37		
5	64QAM	12	0	16.28	16.37	16.33	16.40	17.7	0
5	64QAM	12	7	16.28	16.36	16.28	16.35		
5	64QAM	12	13	16.24	16.34	16.29	16.32		
5	64QAM	25	0	16.27	16.41	16.24	16.36		
5	256QAM	1	0	16.37	16.38	16.41	16.32	17.7	0
5	256QAM	1	12	16.35	16.31	16.33	16.42		
5	256QAM	1	24	16.27	16.28	16.28	16.31		
5	256QAM	12	0	16.22	16.36	16.28	16.36	17.7	0
5	256QAM	12	7	16.27	16.41	16.24	16.41		
5	256QAM	12	13	16.26	16.38	16.20	16.27		
5	256QAM	25	0	16.28	16.31	16.30	16.32		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.12	19.20	19.18	19.15	20.3	0
20	QPSK	1	49	18.98	19.15	19.11	19.02		
20	QPSK	1	99	19.06	19.13	19.11	19.05		
20	QPSK	50	0	19.03	19.16	19.14	19.11	20.3	0
20	QPSK	50	24	19.02	19.09	19.06	19.11		
20	QPSK	50	50	19.06	19.15	19.07	19.07		
20	QPSK	100	0	19.07	19.10	19.08	19.08		
20	16QAM	1	0	19.08	19.09	19.12	19.10	20.3	0
20	16QAM	1	49	18.93	19.11	19.00	18.94		
20	16QAM	1	99	19.01	19.04	19.05	18.95		
20	16QAM	50	0	18.98	19.06	19.05	19.05	20.3	0
20	16QAM	50	24	18.98	19.05	18.94	19.08		
20	16QAM	50	50	19.03	19.12	18.93	18.96		
20	16QAM	100	0	19.01	18.96	19.02	19.01		
20	64QAM	1	0	19.05	19.06	19.07	19.08	20.3	0
20	64QAM	1	49	18.95	19.11	18.98	18.97		
20	64QAM	1	99	19.01	19.04	19.05	18.99		
20	64QAM	50	0	18.98	19.07	19.03	19.06	20.3	0
20	64QAM	50	24	18.93	19.01	19.04	19.00		
20	64QAM	50	50	18.96	19.12	19.01	18.99		
20	64QAM	100	0	18.94	19.05	19.05	18.95		
20	256QAM	1	0	17.77	17.84	17.90	17.82	19	1.3
20	256QAM	1	49	17.69	17.79	17.82	17.72		
20	256QAM	1	99	17.80	17.82	17.79	17.70		
20	256QAM	50	0	17.68	17.83	17.80	17.77	19	1.3
20	256QAM	50	24	17.72	17.81	17.72	17.83		
20	256QAM	50	50	17.73	17.80	17.73	17.79		
20	256QAM	100	0	17.82	17.80	17.83	17.83		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.06	19.12	19.06	19.05	20.3	0
15	QPSK	1	37	18.89	19.03	19.08	18.98		
15	QPSK	1	74	18.93	19.04	19.00	18.93		
15	QPSK	36	0	18.95	19.10	19.01	19.05	20.3	0
15	QPSK	36	20	19.00	19.01	18.92	18.99		
15	QPSK	36	39	18.95	19.03	18.97	19.05		
15	QPSK	75	0	18.97	18.97	18.99	19.05		
15	16QAM	1	0	19.02	19.00	19.08	19.05	20.3	0
15	16QAM	1	37	18.81	19.03	18.89	18.81		
15	16QAM	1	74	18.90	18.96	18.93	18.86		
15	16QAM	36	0	18.86	18.92	18.94	18.93	20.3	0
15	16QAM	36	20	18.90	18.98	18.91	19.00		
15	16QAM	36	39	18.91	18.99	18.88	18.83		
15	16QAM	75	0	18.90	18.94	18.90	18.97		
15	64QAM	1	0	18.92	19.01	18.98	18.96	20.3	0
15	64QAM	1	37	18.89	19.01	18.87	18.87		
15	64QAM	1	74	18.96	19.01	19.01	18.88		
15	64QAM	36	0	18.85	19.03	18.98	18.94	20.3	0
15	64QAM	36	20	18.82	18.99	18.96	18.97		
15	64QAM	36	39	18.83	18.99	18.95	18.93		
15	64QAM	75	0	18.82	18.92	18.92	18.85		
15	256QAM	1	0	17.72	17.78	17.86	17.80	19	1.3
15	256QAM	1	37	17.66	17.65	17.69	17.64		
15	256QAM	1	74	17.66	17.72	17.69	17.65		
15	256QAM	36	0	17.56	17.77	17.75	17.71	19	1.3
15	256QAM	36	20	17.60	17.72	17.64	17.78		
15	256QAM	36	39	17.70	17.68	17.60	17.66		
15	256QAM	75	0	17.68	17.67	17.80	17.71		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.09	19.09	19.12	19.02	20.3	0
10	QPSK	1	25	18.95	19.07	19.02	18.97		
10	QPSK	1	49	18.99	19.00	19.03	18.92		
10	QPSK	25	0	18.90	19.10	19.10	19.02	20.3	0
10	QPSK	25	12	18.97	19.00	18.97	18.99		
10	QPSK	25	25	18.93	19.11	19.00	19.02		
10	QPSK	50	0	19.01	18.98	19.02	19.04		
10	16QAM	1	0	19.02	19.05	19.05	19.04	20.3	0
10	16QAM	1	25	18.89	19.09	18.97	18.80		
10	16QAM	1	49	18.98	19.01	18.96	18.86		
10	16QAM	25	0	18.92	19.01	18.94	19.02	20.3	0
10	16QAM	25	12	18.96	18.96	18.89	19.06		
10	16QAM	25	25	18.94	19.04	18.79	18.91		
10	16QAM	50	0	18.95	18.91	18.92	18.91		
10	64QAM	1	0	19.02	19.04	18.94	18.97	20.3	0
10	64QAM	1	25	18.90	18.99	18.87	18.92		
10	64QAM	1	49	18.95	18.98	19.03	18.91		
10	64QAM	25	0	18.93	18.96	18.89	18.96	20.3	0
10	64QAM	25	12	18.84	18.92	18.95	18.88		
10	64QAM	25	25	18.90	19.09	18.98	18.96		
10	64QAM	50	0	18.89	18.91	18.96	18.86		
10	256QAM	1	0	17.66	17.71	17.83	17.69	19	1.3
10	256QAM	1	25	17.67	17.72	17.76	17.64		
10	256QAM	1	49	17.68	17.69	17.75	17.66		
10	256QAM	25	0	17.55	17.72	17.76	17.64	19	1.3
10	256QAM	25	12	17.62	17.67	17.67	17.75		
10	256QAM	25	25	17.64	17.74	17.70	17.77		
10	256QAM	50	0	17.79	17.76	17.73	17.70		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3645	3697.5		
5	QPSK	1	0	19.00	19.08	19.09	19.06	20.3	0
5	QPSK	1	12	18.87	19.03	19.09	18.91		
5	QPSK	1	24	18.98	19.08	18.98	18.92		
5	QPSK	12	0	18.94	19.02	19.00	19.07	20.3	0
5	QPSK	12	7	18.98	19.05	19.04	18.98		
5	QPSK	12	13	18.94	19.05	18.97	18.95		
5	QPSK	25	0	19.03	19.05	19.02	19.01	20.3	0
5	16QAM	1	0	18.99	19.04	19.00	19.03		
5	16QAM	1	12	18.85	18.97	18.86	18.88		
5	16QAM	1	24	18.90	18.90	18.94	18.88		
5	16QAM	12	0	18.91	19.00	18.98	19.01	20.3	0
5	16QAM	12	7	18.90	19.00	18.85	19.04		
5	16QAM	12	13	19.00	19.02	18.88	18.83		
5	16QAM	25	0	18.88	18.91	18.95	18.98	20.3	0
5	64QAM	1	0	18.94	19.01	19.04	19.00		
5	64QAM	1	12	18.89	18.97	18.95	18.87		
5	64QAM	1	24	18.98	18.94	19.01	18.89		
5	64QAM	12	0	18.87	18.95	19.01	18.95	20.3	0
5	64QAM	12	7	18.89	18.91	18.99	18.94		
5	64QAM	12	13	18.89	19.00	18.94	18.94		
5	64QAM	25	0	18.81	18.98	18.91	18.83		
5	256QAM	1	0	17.70	17.73	17.79	17.70	19	1.3
5	256QAM	1	12	17.65	17.66	17.71	17.68		
5	256QAM	1	24	17.73	17.76	17.72	17.67		
5	256QAM	12	0	17.63	17.77	17.76	17.72	19	1.3
5	256QAM	12	7	17.67	17.74	17.58	17.70		
5	256QAM	12	13	17.69	17.70	17.71	17.72		
5	256QAM	25	0	17.70	17.69	17.78	17.73		

Reduced Power Mode for ECI 5

GSM850 Ant 0 ECI 5	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	31.64	31.70	31.67	33.50	22.64	22.70	22.67	24.50
GPRS 1 Tx slot	31.66	31.68	31.65	33.50	22.66	22.68	22.65	24.50
GPRS 2 Tx slots	30.62	30.66	30.58	32.00	24.62	24.66	24.58	26.00
GPRS 3 Tx slots	28.55	28.61	28.57	30.00	24.29	24.35	24.31	25.74
GPRS 4 Tx slots	27.46	27.48	27.42	29.00	24.46	24.48	24.42	26.00
EDGE 1 Tx slot	26.84	26.88	26.85	28.00	17.84	17.88	17.85	19.00
EDGE 2 Tx slots	25.55	25.64	25.62	26.50	19.55	19.64	19.62	20.50
EDGE 3 Tx slots	23.17	23.27	23.22	24.50	18.91	19.01	18.96	20.24
EDGE 4 Tx slots	21.83	21.94	21.93	23.00	18.83	18.94	18.93	20.00

GSM1900 Ant 0 ECI 5	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	27.99	28.10	28.06	29.00	18.99	19.10	19.06	20.00
GPRS 1 Tx slot	28.02	28.03	27.94	29.00	19.02	19.03	18.94	20.00
GPRS 2 Tx slots	27.00	27.06	26.98	28.00	21.00	21.06	20.98	22.00
GPRS 3 Tx slots	24.99	25.08	25.02	26.00	20.73	20.82	20.76	21.74
GPRS 4 Tx slots	23.94	24.04	23.99	25.00	20.94	21.04	20.99	22.00
EDGE 1 Tx slot	24.54	24.63	24.60	25.00	15.54	15.63	15.60	16.00
EDGE 2 Tx slots	23.15	23.18	23.16	24.00	17.15	17.18	17.16	18.00
EDGE 3 Tx slots	20.61	20.67	20.62	21.50	16.35	16.41	16.36	17.24
EDGE 4 Tx slots	19.04	19.09	19.05	20.00	16.04	16.09	16.05	17.00

Band		WCDMA II Ant 0 ECI 5			Tune-up Limit (dBm)	WCDMA IV Ant 0 ECI 5			Tune-up Limit (dBm)	WCDMA V Ant 0 ECI 5			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	19.28	19.38	19.35	20.50	20.18	20.19	20.14	21.60	23.81	23.92	23.83	24.90
3GPP Rel 99	RMC 12.2Kbps	19.38	19.53	19.42	20.50	20.28	20.32	20.25	21.60	23.91	23.93	23.90	24.90
3GPP Rel 6	HSDPA Subtest-1	18.35	18.49	18.43	19.50	19.24	19.33	19.24	20.60	22.99	23.03	23.00	23.90
3GPP Rel 6	HSDPA Subtest-2	18.30	18.41	18.34	19.50	19.24	19.31	19.25	20.60	22.91	22.91	22.81	23.90
3GPP Rel 6	HSDPA Subtest-3	17.82	17.95	17.77	19.00	18.75	18.85	18.78	20.10	22.44	22.47	22.41	23.40
3GPP Rel 6	HSDPA Subtest-4	17.87	17.87	17.85	19.00	18.79	18.84	18.72	20.10	22.33	22.47	22.32	23.40
3GPP Rel 8	DC-HSDPA Subtest-1	18.36	18.44	18.33	19.50	19.28	19.27	19.24	20.60	22.92	22.91	22.94	23.90
3GPP Rel 8	DC-HSDPA Subtest-2	18.24	18.43	18.15	19.50	19.34	19.33	19.20	20.60	22.78	22.93	22.76	23.90
3GPP Rel 8	DC-HSDPA Subtest-3	17.64	17.93	17.68	19.00	18.81	18.79	18.78	20.10	22.26	22.46	22.32	23.40
3GPP Rel 8	DC-HSDPA Subtest-4	17.65	17.81	17.74	19.00	18.83	18.79	18.81	20.10	22.16	22.38	22.31	23.40
3GPP Rel 6	HSUPA Subtest-1	18.17	18.33	18.29	19.50	19.27	19.32	19.25	20.60	22.79	22.90	22.83	23.90
3GPP Rel 6	HSUPA Subtest-2	16.26	16.34	16.41	17.50	17.33	17.26	17.24	18.60	20.84	21.00	20.85	21.90
3GPP Rel 6	HSUPA Subtest-3	17.35	17.43	17.51	18.50	18.26	18.35	18.23	19.60	21.95	22.05	22.00	22.90
3GPP Rel 6	HSUPA Subtest-4	16.35	16.48	16.24	17.50	17.32	17.34	17.30	18.60	20.89	20.88	20.89	21.90
3GPP Rel 6	HSUPA Subtest-5	18.34	18.31	18.27	19.50	19.28	19.29	19.27	20.60	22.77	22.84	22.93	23.90
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.86	16.07	15.93	17.00	16.74	16.83	16.73	18.10	20.36	20.57	20.54	21.40

GSM850 Ant 1 ECI 5	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	31.70	31.77	31.72	33.50	22.70	22.77	22.72	24.50
GPRS 1 Tx slot	31.69	31.74	31.67	33.50	22.69	22.74	22.67	24.50
GPRS 2 Tx slots	30.67	30.71	30.63	32.00	24.67	24.71	24.63	26.00
GPRS 3 Tx slots	28.65	28.64	28.59	30.00	24.29	24.38	24.33	25.74
GPRS 4 Tx slots	27.48	27.50	27.46	29.00	24.48	24.50	24.46	26.00
EDGE 1 Tx slot	26.58	26.69	26.68	28.00	17.58	17.69	17.68	19.00
EDGE 2 Tx slots	25.36	25.44	25.34	26.50	19.36	19.44	19.34	20.50
EDGE 3 Tx slots	23.05	23.10	23.01	24.50	18.79	18.84	18.75	20.24
EDGE 4 Tx slots	21.67	21.73	21.71	23.00	18.67	18.73	18.71	20.00

Band		WCDMA II Ant 1 ECI 5			Tune-up Limit (dBm)	WCDMA IV Ant 1 ECI 5			Tune-up Limit (dBm)	WCDMA V Ant 1 ECI 5			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	17.73	17.85	17.76	19.30	18.00	18.18	18.09	19.20	24.22	24.30	24.25	25.00
3GPP Rel 99	RMC 12.2Kbps	17.74	17.90	17.79	19.30	18.01	18.22	18.13	19.20	24.27	24.34	24.31	25.00
3GPP Rel 6	HSDPA Subtest-1	16.91	16.91	16.91	18.30	17.12	17.23	17.10	18.20	23.26	23.39	23.30	24.00
3GPP Rel 6	HSDPA Subtest-2	16.78	16.91	16.79	18.30	17.04	17.25	17.14	18.20	23.33	23.35	23.27	24.00
3GPP Rel 6	HSDPA Subtest-3	16.38	16.39	16.22	17.80	16.65	16.71	16.65	17.70	22.75	22.85	22.79	23.50
3GPP Rel 6	HSDPA Subtest-4	16.26	16.28	16.30	17.80	16.52	16.59	16.52	17.70	22.69	22.77	22.75	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	16.75	16.80	16.73	18.30	17.08	17.16	17.06	18.20	23.27	23.30	23.35	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.66	16.75	16.64	18.30	17.05	17.13	17.04	18.20	23.16	23.29	23.25	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.20	16.39	16.17	17.80	16.57	16.71	16.47	17.70	22.70	22.90	22.69	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.19	16.22	16.23	17.80	16.49	16.63	16.47	17.70	22.67	22.79	22.68	23.50
3GPP Rel 6	HSUPA Subtest-1	16.63	16.76	16.78	18.30	16.82	17.10	17.03	18.20	23.17	23.22	23.19	24.00
3GPP Rel 6	HSUPA Subtest-2	14.78	14.96	14.93	16.30	15.07	15.18	15.18	16.20	21.26	21.34	21.27	22.00
3GPP Rel 6	HSUPA Subtest-3	15.92	15.84	15.89	17.30	16.27	16.20	16.17	17.20	22.37	22.42	22.42	23.00
3GPP Rel 6	HSUPA Subtest-4	14.74	14.94	14.80	16.30	15.05	15.14	15.04	16.20	21.26	21.33	21.21	22.00
3GPP Rel 6	HSUPA Subtest-5	16.67	16.78	16.67	18.30	17.01	17.19	16.98	18.20	23.25	23.28	23.27	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.34	14.57	14.40	15.80	14.66	14.85	14.76	15.70	20.81	20.90	20.91	21.50

GSM1900 Ant 2 ECI 5	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	27.92	28.10	27.99	29.10	18.92	19.10	18.99	20.10
GPRS 1 Tx slot	27.95	27.99	27.85	29.10	18.95	18.99	18.85	20.10
GPRS 2 Tx slots	25.42	25.54	25.54	26.10	19.42	19.54	19.54	20.10
GPRS 3 Tx slots	23.74	23.83	23.71	24.30	19.48	19.57	19.45	20.04
GPRS 4 Tx slots	22.08	22.15	22.11	23.10	19.08	19.15	19.11	20.10
EDGE 1 Tx slot	25.81	25.83	25.75	27.00	16.81	16.83	16.75	18.00
EDGE 2 Tx slots	24.35	24.43	24.32	25.50	18.35	18.43	18.32	19.50
EDGE 3 Tx slots	21.82	21.84	21.83	23.00	17.56	17.58	17.57	18.74
EDGE 4 Tx slots	20.23	20.29	20.19	21.50	17.23	17.29	17.19	18.50

Band		WCDMA II Ant 2 ECI 5			Tune-up Limit (dBm)	WCDMA IV Ant 2 ECI 5			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	18.43	18.47	18.42	19.50	20.50	20.56	20.42	21.60
3GPP Rel 99	RMC 12.2Kbps	18.45	18.61	18.47	19.50	20.58	20.61	20.55	21.60
3GPP Rel 6	HSDPA Subtest-1	17.57	17.63	17.51	18.50	19.64	19.67	19.56	20.60
3GPP Rel 6	HSDPA Subtest-2	17.51	17.48	17.54	18.50	19.54	19.67	19.52	20.60
3GPP Rel 6	HSDPA Subtest-3	16.93	17.02	17.09	18.00	19.06	19.12	19.02	20.10
3GPP Rel 6	HSDPA Subtest-4	16.93	17.07	17.01	18.00	19.09	19.07	19.01	20.10
3GPP Rel 8	DC-HSDPA Subtest-1	17.48	17.47	17.53	18.50	19.57	19.58	19.56	20.60
3GPP Rel 8	DC-HSDPA Subtest-2	17.40	17.56	17.36	18.50	19.55	19.66	19.51	20.60
3GPP Rel 8	DC-HSDPA Subtest-3	16.89	17.02	16.94	18.00	19.09	19.09	19.06	20.10
3GPP Rel 8	DC-HSDPA Subtest-4	16.82	16.90	17.01	18.00	19.06	19.10	19.04	20.10
3GPP Rel 6	HSUPA Subtest-1	17.28	17.49	17.42	18.50	19.62	19.61	19.52	20.60
3GPP Rel 6	HSUPA Subtest-2	15.50	15.49	15.42	16.50	17.54	17.60	17.60	18.60
3GPP Rel 6	HSUPA Subtest-3	16.58	16.60	16.55	17.50	18.54	18.62	18.51	19.60
3GPP Rel 6	HSUPA Subtest-4	15.41	15.49	15.46	16.50	17.55	17.57	17.55	18.60
3GPP Rel 6	HSUPA Subtest-5	17.38	17.52	17.39	18.50	19.59	19.58	19.55	20.60
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.11	15.22	15.08	16.00	17.13	17.13	17.05	18.10

Band		WCDMA II Ant 3 ECI 5			Tune-up Limit (dBm)	WCDMA IV Ant 3 ECI 5			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	1752.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.93	18.92	18.93	20.00	21.18	21.33	21.22	22.00
3GPP Rel 99	RMC 12.2Kbps	18.97	19.05	19.00	20.00	21.23	21.36	21.34	22.00
3GPP Rel 6	HSDPA Subtest-1	18.02	18.01	18.03	19.00	20.29	20.38	20.30	21.00
3GPP Rel 6	HSDPA Subtest-2	17.96	18.08	17.95	19.00	20.41	20.37	20.30	21.00
3GPP Rel 6	HSDPA Subtest-3	17.50	17.61	17.47	18.50	19.80	19.84	19.93	20.50
3GPP Rel 6	HSDPA Subtest-4	17.51	17.51	17.54	18.50	19.76	19.89	19.88	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.00	18.07	17.99	19.00	20.22	20.24	20.36	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.95	18.10	17.95	19.00	20.20	20.31	20.20	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.51	17.49	17.48	18.50	19.75	19.80	19.76	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.43	17.59	17.45	18.50	19.56	19.75	19.72	20.50
3GPP Rel 6	HSUPA Subtest-1	17.99	18.01	18.00	19.00	20.13	20.34	20.21	21.00
3GPP Rel 6	HSUPA Subtest-2	15.92	15.99	16.02	17.00	18.34	18.43	18.25	19.00
3GPP Rel 6	HSUPA Subtest-3	17.02	17.11	16.94	18.00	19.41	19.42	19.31	20.00
3GPP Rel 6	HSUPA Subtest-4	15.95	16.04	16.03	17.00	18.36	18.25	18.21	19.00
3GPP Rel 6	HSUPA Subtest-5	18.03	18.05	18.02	19.00	20.28	20.44	20.18	21.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.47	15.53	15.56	16.50	17.92	18.08	17.85	18.50

Band 2 Ant 0 ECI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.00	18.10	18.02		
20	QPSK	1	49	18.04	18.07	18.00	19.5	0
20	QPSK	1	99	17.95	18.04	17.97		
20	QPSK	50	0	17.96	18.03	18.00		
20	QPSK	50	24	17.96	17.99	17.97	19.5	0
20	QPSK	50	50	17.98	17.97	17.87		
20	QPSK	100	0	17.92	17.96	17.95		
20	16QAM	1	0	17.81	17.97	17.82		
20	16QAM	1	49	17.84	17.97	17.83	19.5	0
20	16QAM	1	99	17.94	17.82	17.88		
20	16QAM	50	0	18.05	17.96	17.96		
20	16QAM	50	24	17.96	17.90	17.87	19.5	0
20	16QAM	50	50	18.05	18.03	17.85		
20	16QAM	100	0	18.02	18.03	17.84		
20	64QAM	1	0	18.07	17.99	17.99		
20	64QAM	1	49	17.91	18.02	17.99	19.5	0
20	64QAM	1	99	17.98	18.05	17.95		
20	64QAM	50	0	18.02	17.91	17.99		
20	64QAM	50	24	18.08	17.90	17.97	19.5	0
20	64QAM	50	50	18.00	18.03	17.87		
20	64QAM	100	0	18.04	18.06	18.02		
20	256QAM	1	0	17.69	17.85	17.71		
20	256QAM	1	49	17.60	17.78	17.60	19	0.5
20	256QAM	1	99	17.43	17.63	17.44		
20	256QAM	50	0	17.53	17.73	17.45		
20	256QAM	50	24	17.51	17.59	17.45	19	0.5
20	256QAM	50	50	17.47	17.70	17.54		
20	256QAM	100	0	17.57	17.68	17.58		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.08	18.09	18.08		
15	QPSK	1	37	18.07	18.06	17.94	19.5	0
15	QPSK	1	74	17.99	18.06	17.99		
15	QPSK	36	0	18.01	18.06	17.94		
15	QPSK	36	20	17.98	18.03	18.01	19.5	0
15	QPSK	36	39	17.88	17.97	17.93		
15	QPSK	75	0	17.90	17.95	17.88		
15	16QAM	1	0	17.83	17.98	17.80		
15	16QAM	1	37	17.82	17.97	17.91	19.5	0
15	16QAM	1	74	17.94	17.84	17.87		
15	16QAM	36	0	18.05	18.05	17.90		
15	16QAM	36	20	17.94	17.99	17.94	19.5	0
15	16QAM	36	39	18.02	18.02	17.86		
15	16QAM	75	0	17.99	17.99	17.92		
15	64QAM	1	0	18.08	17.92	17.91		
15	64QAM	1	37	17.89	17.97	18.04	19.5	0
15	64QAM	1	74	17.96	18.02	17.96		
15	64QAM	36	0	17.99	17.95	18.05		
15	64QAM	36	20	18.01	17.99	17.90	19.5	0
15	64QAM	36	39	17.94	17.94	17.96		
15	64QAM	75	0	17.92	18.09	18.00		
15	256QAM	1	0	17.70	17.89	17.67		
15	256QAM	1	37	17.56	17.75	17.55	19	0.5
15	256QAM	1	74	17.49	17.62	17.51		
15	256QAM	36	0	17.53	17.63	17.42		
15	256QAM	36	20	17.45	17.63	17.47	19	0.5
15	256QAM	36	39	17.46	17.73	17.51		
15	256QAM	75	0	17.57	17.69	17.59		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.05	18.10	18.03		
10	QPSK	1	25	18.03	18.08	17.96	19.5	0
10	QPSK	1	49	17.92	18.04	17.94		
10	QPSK	25	0	17.98	18.00	18.01		
10	QPSK	25	12	17.93	17.98	18.01	19.5	0
10	QPSK	25	25	17.87	18.01	17.88		
10	QPSK	50	0	17.94	17.96	17.94		
10	16QAM	1	0	17.84	17.93	17.87		
10	16QAM	1	25	17.85	17.96	17.81	19.5	0
10	16QAM	1	49	17.89	17.88	17.88		
10	16QAM	25	0	17.99	17.96	17.89		
10	16QAM	25	12	17.90	17.92	17.87	19.5	0
10	16QAM	25	25	17.97	18.04	17.91		
10	16QAM	50	0	17.94	17.97	17.94		
10	64QAM	1	0	17.98	18.02	17.99		
10	64QAM	1	25	17.95	18.02	18.05	19.5	0
10	64QAM	1	49	17.97	18.00	17.95		
10	64QAM	25	0	18.04	17.97	18.01		
10	64QAM	25	12	18.06	17.89	17.98	19.5	0
10	64QAM	25	25	18.02	18.04	17.91		
10	64QAM	50	0	17.96	18.09	17.99		
10	256QAM	1	0	17.69	17.80	17.72		
10	256QAM	1	25	17.62	17.79	17.56	19	0.5
10	256QAM	1	49	17.47	17.63	17.41		
10	256QAM	25	0	17.35	17.57	17.39		
10	256QAM	25	12	17.46	17.62	17.52	19	0.5
10	256QAM	25	25	17.45	17.64	17.51		
10	256QAM	50	0	17.55	17.70	17.58		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.99	18.09	18.05		
5	QPSK	1	12	17.98	18.06	17.98	19.5	0
5	QPSK	1	24	17.99	18.03	17.96		
5	QPSK	12	0	18.00	18.00	17.97		
5	QPSK	12	7	18.02	17.98	17.96	19.5	0
5	QPSK	12	13	17.92	17.97	17.87		
5	QPSK	25	0	17.96	18.01	17.95		
5	16QAM	1	0	17.90	17.93	17.81		
5	16QAM	1	12	17.74	17.95	17.90	19.5	0
5	16QAM	1	24	17.86	17.82	17.89		
5	16QAM	12	0	18.05	17.93	17.83		
5	16QAM	12	7	17.93	18.00	17.91	19.5	0
5	16QAM	12	13	17.95	18.06	17.84		
5	16QAM	25	0	17.95	18.01	17.95		
5	64QAM	1	0	18.01	17.94	17.93		
5	64QAM	1	12	17.95	18.02	17.93	19.5	0
5	64QAM	1	24	18.02	18.08	17.95		
5	64QAM	12	0	18.07	17.91	17.93		
5	64QAM	12	7	18.04	17.99	17.99	19.5	0
5	64QAM	12	13	18.02	17.94	17.91		
5	64QAM	25	0	17.92	18.09	18.02		
5	256QAM	1	0	17.59	17.77	17.65		
5	256QAM	1	12	17.55	17.76	17.61	19	0.5
5	256QAM	1	24	17.49	17.67	17.43		
5	256QAM	12	0	17.40	17.55	17.44		
5	256QAM	12	7	17.45	17.62	17.47	19	0.5
5	256QAM	12	13	17.41	17.67	17.58		
5	256QAM	25	0	17.57	17.67	17.54		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.04	18.06	18.02		
3	QPSK	1	8	17.96	18.00	17.92	19.5	0
3	QPSK	1	14	17.88	17.98	17.89		
3	QPSK	8	0	17.92	18.04	17.98		
3	QPSK	8	4	17.94	17.98	18.02	19.5	0
3	QPSK	8	7	17.93	18.04	17.86		
3	QPSK	15	0	17.88	17.89	17.84		
3	16QAM	1	0	17.98	17.90	17.79		
3	16QAM	1	8	17.75	17.92	17.89	19.5	0
3	16QAM	1	14	17.85	17.83	17.81		
3	16QAM	8	0	18.03	17.98	17.91		
3	16QAM	8	4	17.94	17.98	17.92	19.5	0
3	16QAM	8	7	18.04	18.09	17.93		
3	16QAM	15	0	18.03	18.03	17.87		
3	64QAM	1	0	18.05	17.91	17.95		
3	64QAM	1	8	17.87	17.99	17.95	19.5	0
3	64QAM	1	14	17.97	18.09	18.02		
3	64QAM	8	0	18.06	17.88	18.02		
3	64QAM	8	4	18.05	17.88	17.96	19.5	0
3	64QAM	8	7	17.92	18.03	17.89		
3	64QAM	15	0	17.94	18.05	17.99		
3	256QAM	1	0	17.73	17.79	17.73		
3	256QAM	1	8	17.60	17.79	17.56	19	0.5
3	256QAM	1	14	17.53	17.71	17.46		
3	256QAM	8	0	17.37	17.59	17.48		
3	256QAM	8	4	17.47	17.54	17.54	19	0.5
3	256QAM	8	7	17.41	17.73	17.57		
3	256QAM	15	0	17.57	17.64	17.57		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.09	18.07	18.10		
1.4	QPSK	1	3	18.05	18.10	18.00		
1.4	QPSK	1	5	17.97	17.99	17.98	19.5	0
1.4	QPSK	3	0	17.95	18.07	18.03		
1.4	QPSK	3	1	17.95	17.97	18.01		
1.4	QPSK	3	3	17.98	17.94	17.95		
1.4	QPSK	6	0	17.96	17.90	17.89	19.5	0
1.4	16QAM	1	0	17.83	17.98	17.83		
1.4	16QAM	1	3	17.78	17.91	17.87		
1.4	16QAM	1	5	17.87	17.92	17.80	19.5	0
1.4	16QAM	3	0	17.99	18.01	17.91		
1.4	16QAM	3	1	17.95	17.91	17.84		
1.4	16QAM	3	3	18.01	18.06	17.90		
1.4	16QAM	6	0	17.94	17.97	17.88	19.5	0
1.4	64QAM	1	0	18.04	17.95	17.95		
1.4	64QAM	1	3	17.96	17.99	17.96		
1.4	64QAM	1	5	17.93	18.03	17.96	19.5	0
1.4	64QAM	3	0	17.99	17.93	18.01		
1.4	64QAM	3	1	18.10	17.92	17.98		
1.4	64QAM	3	3	18.03	18.04	17.96		
1.4	64QAM	6	0	17.93	18.05	17.99	19.5	0
1.4	256QAM	1	0	17.67	17.82	17.70		
1.4	256QAM	1	3	17.55	17.78	17.58		
1.4	256QAM	1	5	17.44	17.73	17.44	19	0.5
1.4	256QAM	3	0	17.37	17.60	17.46		
1.4	256QAM	3	1	17.52	17.53	17.52		
1.4	256QAM	3	3	17.42	17.66	17.54		
1.4	256QAM	6	0	17.49	17.68	17.54	19	0.5

Band 4 Ant 0 ECI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.69	19.78	19.60		
20	QPSK	1	49	19.60	19.74	19.51	21.3	0
20	QPSK	1	99	19.67	19.68	19.66		
20	QPSK	50	0	19.60	19.73	19.61		
20	QPSK	50	24	19.58	19.68	19.43	21.3	0
20	QPSK	50	50	19.54	19.71	19.67		
20	QPSK	100	0	19.53	19.70	19.55		
20	16QAM	1	0	19.53	19.63	19.42		
20	16QAM	1	49	19.58	19.59	19.62	21.3	0
20	16QAM	1	99	19.49	19.53	19.49		
20	16QAM	50	0	19.58	19.71	19.73		
20	16QAM	50	24	19.72	19.59	19.58	21.3	0
20	16QAM	50	50	19.59	19.60	19.55		
20	16QAM	100	0	19.57	19.72	19.74		
20	64QAM	1	0	19.60	19.68	19.58		
20	64QAM	1	49	19.53	19.64	19.44	21.3	0
20	64QAM	1	99	19.64	19.52	19.53		
20	64QAM	50	0	19.56	19.66	19.46		
20	64QAM	50	24	19.59	19.60	19.43	21	0.3
20	64QAM	50	50	19.50	19.57	19.48		
20	64QAM	100	0	19.36	19.60	19.42		
20	256QAM	1	0	18.51	18.56	18.39		
20	256QAM	1	49	18.39	18.51	18.39	19	2.3
20	256QAM	1	99	18.26	18.49	18.43		
20	256QAM	50	0	18.29	18.38	18.28		
20	256QAM	50	24	18.38	18.34	18.40	19	2.3
20	256QAM	50	50	18.38	18.37	18.31		
20	256QAM	100	0	18.17	18.25	18.25		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.60	19.71	19.53		
15	QPSK	1	37	19.56	19.68	19.42	21.3	0
15	QPSK	1	74	19.64	19.69	19.65		
15	QPSK	36	0	19.53	19.68	19.54		
15	QPSK	36	20	19.54	19.69	19.43	21.3	0
15	QPSK	36	39	19.45	19.56	19.62		
15	QPSK	75	0	19.52	19.65	19.56		
15	16QAM	1	0	19.53	19.55	19.44		
15	16QAM	1	37	19.54	19.53	19.54	21.3	0
15	16QAM	1	74	19.49	19.49	19.48		
15	16QAM	36	0	19.49	19.74	19.65		
15	16QAM	36	20	19.67	19.56	19.49	21.3	0
15	16QAM	36	39	19.59	19.53	19.51		
15	16QAM	75	0	19.58	19.70	19.72		
15	64QAM	1	0	19.59	19.69	19.57		
15	64QAM	1	37	19.46	19.58	19.45	21.3	0
15	64QAM	1	74	19.57	19.54	19.52		
15	64QAM	36	0	19.49	19.74	19.41		
15	64QAM	36	20	19.60	19.58	19.44	21	0.3
15	64QAM	36	39	19.51	19.53	19.41		
15	64QAM	75	0	19.27	19.48	19.42		
15	256QAM	1	0	18.42	18.48	18.28		
15	256QAM	1	37	18.35	18.38	18.35	19	2.3
15	256QAM	1	74	18.26	18.42	18.35		
15	256QAM	36	0	18.20	18.33	18.24		
15	256QAM	36	20	18.33	18.21	18.32	19	2.3
15	256QAM	36	39	18.27	18.25	18.24		
15	256QAM	75	0	18.12	18.31	18.13		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.67	19.76	19.60		
10	QPSK	1	25	19.57	19.69	19.54	21.3	0
10	QPSK	1	49	19.67	19.69	19.59		
10	QPSK	25	0	19.56	19.67	19.62		
10	QPSK	25	12	19.55	19.60	19.58	21.3	0
10	QPSK	25	25	19.47	19.73	19.62		
10	QPSK	50	0	19.45	19.72	19.56		
10	16QAM	1	0	19.53	19.58	19.44		
10	16QAM	1	25	19.51	19.50	19.58	21.3	0
10	16QAM	1	49	19.50	19.55	19.46		
10	16QAM	25	0	19.58	19.69	19.69		
10	16QAM	25	12	19.71	19.52	19.57	21.3	0
10	16QAM	25	25	19.57	19.58	19.51		
10	16QAM	50	0	19.54	19.66	19.75		
10	64QAM	1	0	19.57	19.67	19.52		
10	64QAM	1	25	19.49	19.56	19.47	21.3	0
10	64QAM	1	49	19.58	19.54	19.54		
10	64QAM	25	0	19.51	19.66	19.48		
10	64QAM	25	12	19.59	19.54	19.36	21	0.3
10	64QAM	25	25	19.42	19.55	19.45		
10	64QAM	50	0	19.38	19.46	19.45		
10	256QAM	1	0	18.47	18.51	18.34		
10	256QAM	1	25	18.35	18.47	18.27	19	2.3
10	256QAM	1	49	18.31	18.42	18.28		
10	256QAM	25	0	18.21	18.28	18.14		
10	256QAM	25	12	18.35	18.18	18.35	19	2.3
10	256QAM	25	25	18.33	18.33	18.24		
10	256QAM	50	0	18.06	18.33	18.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.62	19.73	19.56		
5	QPSK	1	12	19.54	19.67	19.52	21.3	0
5	QPSK	1	24	19.64	19.67	19.61		
5	QPSK	12	0	19.59	19.72	19.62		
5	QPSK	12	7	19.50	19.64	19.56	21.3	0
5	QPSK	12	13	19.48	19.70	19.68		
5	QPSK	25	0	19.48	19.73	19.55		
5	16QAM	1	0	19.55	19.63	19.54		
5	16QAM	1	12	19.53	19.58	19.56	21.3	0
5	16QAM	1	24	19.46	19.50	19.45		
5	16QAM	12	0	19.54	19.70	19.69		
5	16QAM	12	7	19.65	19.58	19.57	21.3	0
5	16QAM	12	13	19.57	19.61	19.49		
5	16QAM	25	0	19.49	19.65	19.72		
5	64QAM	1	0	19.58	19.69	19.53		
5	64QAM	1	12	19.49	19.56	19.42	21.3	0
5	64QAM	1	24	19.66	19.53	19.49		
5	64QAM	12	0	19.58	19.65	19.43		
5	64QAM	12	7	19.52	19.61	19.42	21	0.3
5	64QAM	12	13	19.45	19.55	19.44		
5	64QAM	25	0	19.31	19.41	19.38		
5	256QAM	1	0	18.47	18.41	18.31		
5	256QAM	1	12	18.36	18.39	18.32	19	2.3
5	256QAM	1	24	18.22	18.43	18.30		
5	256QAM	12	0	18.25	18.27	18.19		
5	256QAM	12	7	18.33	18.24	18.33	19	2.3
5	256QAM	12	13	18.35	18.27	18.22		
5	256QAM	25	0	18.11	18.24	18.18		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.62	19.71	19.57		
3	QPSK	1	8	19.54	19.69	19.53	21.3	0
3	QPSK	1	14	19.64	19.64	19.61		
3	QPSK	8	0	19.54	19.64	19.54		
3	QPSK	8	4	19.53	19.66	19.41	21.3	0
3	QPSK	8	7	19.50	19.62	19.60		
3	QPSK	15	0	19.53	19.72	19.50		
3	16QAM	1	0	19.48	19.57	19.58		
3	16QAM	1	8	19.54	19.53	19.61	21.3	0
3	16QAM	1	14	19.45	19.48	19.44		
3	16QAM	8	0	19.58	19.69	19.76		
3	16QAM	8	4	19.67	19.50	19.59	21.3	0
3	16QAM	8	7	19.52	19.51	19.46		
3	16QAM	15	0	19.58	19.64	19.73		
3	64QAM	1	0	19.60	19.68	19.56		
3	64QAM	1	8	19.51	19.60	19.46	21.3	0
3	64QAM	1	14	19.64	19.52	19.50		
3	64QAM	8	0	19.54	19.58	19.47		
3	64QAM	8	4	19.53	19.61	19.44	21	0.3
3	64QAM	8	7	19.41	19.57	19.46		
3	64QAM	15	0	19.36	19.53	19.35		
3	256QAM	1	0	18.42	18.48	18.35		
3	256QAM	1	8	18.33	18.41	18.33	19	2.3
3	256QAM	1	14	18.28	18.40	18.38		
3	256QAM	8	0	18.25	18.26	18.21		
3	256QAM	8	4	18.28	18.26	18.30	19	2.3
3	256QAM	8	7	18.27	18.28	18.21		
3	256QAM	15	0	18.09	18.22	18.13		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.70	19.72	19.55		
1.4	QPSK	1	3	19.54	19.71	19.43		
1.4	QPSK	1	5	19.70	19.61	19.64	21.3	0
1.4	QPSK	3	0	19.63	19.76	19.57		
1.4	QPSK	3	1	19.49	19.59	19.59		
1.4	QPSK	3	3	19.55	19.71	19.68		
1.4	QPSK	6	0	19.51	19.62	19.53	21.3	0
1.4	16QAM	1	0	19.46	19.56	19.44		
1.4	16QAM	1	3	19.60	19.62	19.56		
1.4	16QAM	1	5	19.47	19.49	19.49	21.3	0
1.4	16QAM	3	0	19.58	19.73	19.68		
1.4	16QAM	3	1	19.66	19.52	19.51		
1.4	16QAM	3	3	19.55	19.61	19.50		
1.4	16QAM	6	0	19.54	19.65	19.68	21.3	0
1.4	64QAM	1	0	19.53	19.63	19.55		
1.4	64QAM	1	3	19.47	19.65	19.41		
1.4	64QAM	1	5	19.63	19.52	19.55	21.3	0
1.4	64QAM	3	0	19.54	19.60	19.37		
1.4	64QAM	3	1	19.55	19.55	19.43		
1.4	64QAM	3	3	19.52	19.49	19.47		
1.4	64QAM	6	0	19.32	19.44	19.38	21	0.3
1.4	256QAM	1	0	18.36	18.43	18.32		
1.4	256QAM	1	3	18.25	18.41	18.30		
1.4	256QAM	1	5	18.23	18.37	18.37	19	2.3
1.4	256QAM	3	0	18.25	18.22	18.24		
1.4	256QAM	3	1	18.29	18.30	18.36		
1.4	256QAM	3	3	18.25	18.32	18.24		
1.4	256QAM	6	0	18.05	18.28	18.21	19	2.3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20459	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.29	21.45	21.37		
10	QPSK	1	25	21.35	21.43	21.17	22.3	0
10	QPSK	1	49	21.34	21.32	21.34		
10	QPSK	25	0	21.10	21.25	21.10		
10	QPSK	25	12	21.10	21.15	20.94	22	0.3
10	QPSK	25	25	21.06	21.21	21.16		
10	QPSK	50	0	20.98	21.23	20.99		
10	16QAM	1	0	21.11	21.20	21.02		
10	16QAM	1	25	21.06	21.16	21.04	22	0.3
10	16

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.11	22.21	22.14	23	0
10	QPSK	1	25	22.01	22.11	21.95		
10	QPSK	1	49	22.07	22.09	22.03		
10	QPSK	25	0	21.16	21.18	21.13	22	1
10	QPSK	25	12	21.09	21.15	20.98		
10	QPSK	25	25	21.03	21.13	21.15		
10	QPSK	50	0	21.01	21.09	21.06		
10	16QAM	1	0	21.02	21.18	21.00	22	1
10	16QAM	1	25	21.00	21.11	21.06		
10	16QAM	1	49	21.02	21.08	21.03		
10	16QAM	25	0	20.17	20.23	20.12	21	2
10	16QAM	25	12	20.10	20.17	20.13		
10	16QAM	25	25	20.14	20.17	20.03		
10	16QAM	50	0	20.14	20.21	20.17		
10	64QAM	1	0	20.17	20.21	20.06	21	2
10	64QAM	1	25	20.01	20.07	20.06		
10	64QAM	1	49	19.99	20.11	19.98		
10	64QAM	25	0	19.16	19.23	19.17	20	3
10	64QAM	25	12	19.18	19.21	19.10		
10	64QAM	25	25	19.09	19.17	19.08		
10	64QAM	50	0	19.03	19.17	18.96		
10	256QAM	1	0	17.30	17.29	17.18	18	5
10	256QAM	1	25	17.20	17.33	17.15		
10	256QAM	1	49	17.17	17.28	17.14		
10	256QAM	25	0	17.10	17.13	17.08	18	5
10	256QAM	25	12	17.13	17.18	17.13		
10	256QAM	25	25	17.12	17.20	17.17		
10	256QAM	50	0	17.02	17.17	17.13		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.02	22.13	22.09	23	0
5	QPSK	1	12	21.91	21.96	21.90		
5	QPSK	1	24	22.04	22.03	21.94		
5	QPSK	12	0	21.09	21.05	21.09	22	1
5	QPSK	12	7	21.01	21.06	20.91		
5	QPSK	12	13	20.89	21.04	21.11		
5	QPSK	25	0	20.97	21.01	20.92		
5	16QAM	1	0	20.94	21.08	20.92	22	1
5	16QAM	1	12	20.92	20.98	20.95		
5	16QAM	1	24	20.94	20.97	20.90		
5	16QAM	12	0	20.05	20.10	20.01	21	2
5	16QAM	12	7	19.99	20.12	20.09		
5	16QAM	12	13	20.06	20.08	19.94		
5	16QAM	25	0	20.01	20.06	20.06		
5	64QAM	1	0	20.07	20.14	20.00	21	2
5	64QAM	1	12	19.96	19.94	20.02		
5	64QAM	1	24	19.84	20.06	19.86		
5	64QAM	12	0	19.08	19.08	19.11	20	3
5	64QAM	12	7	19.07	19.08	18.98		
5	64QAM	12	13	19.01	19.11	19.01		
5	64QAM	25	0	18.93	19.02	18.85		
5	256QAM	1	0	17.24	17.21	17.12	18	5
5	256QAM	1	12	17.08	17.18	17.06		
5	256QAM	1	24	17.13	17.24	17.06		
5	256QAM	12	0	16.97	17.04	17.05	18	5
5	256QAM	12	7	16.99	17.11	17.04		
5	256QAM	12	13	17.00	17.16	17.06		
5	256QAM	25	0	16.96	17.11	16.99		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.05	22.10	22.04	23	0
3	QPSK	1	8	21.95	21.98	21.85		
3	QPSK	1	14	22.03	21.95	21.92		
3	QPSK	8	0	21.09	21.09	21.01	22	1
3	QPSK	8	4	20.95	21.04	20.90		
3	QPSK	8	7	20.97	21.00	21.07		
3	QPSK	15	0	20.88	21.00	20.96		
3	16QAM	1	0	20.96	21.10	20.96	22	1
3	16QAM	1	8	20.87	21.07	21.02		
3	16QAM	1	14	20.90	20.98	20.89		
3	16QAM	8	0	20.06	20.11	19.98	21	2
3	16QAM	8	4	20.01	20.08	20.06		
3	16QAM	8	7	20.02	20.12	19.89		
3	16QAM	15	0	20.11	20.17	20.12		
3	64QAM	1	0	20.05	20.17	19.96	21	2
3	64QAM	1	8	19.89	20.02	19.96		
3	64QAM	1	14	19.87	20.00	19.88		
3	64QAM	8	0	19.05	19.08	19.13	20	3
3	64QAM	8	4	19.11	19.07	19.06		
3	64QAM	8	7	18.96	19.07	19.04		
3	64QAM	15	0	18.93	19.11	18.92		
3	256QAM	1	0	17.22	17.18	17.09	18	5
3	256QAM	1	8	17.06	17.29	17.05		
3	256QAM	1	14	17.14	17.24	17.04		
3	256QAM	8	0	16.98	17.02	16.96	18	5
3	256QAM	8	4	17.02	17.13	17.03		
3	256QAM	8	7	17.02	17.11	17.04		
3	256QAM	15	0	16.92	17.10	17.05		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.06	22.17	22.02	23	0
1.4	QPSK	1	3	21.87	22.06	21.85		
1.4	QPSK	1	5	22.04	22.05	21.89		
1.4	QPSK	3	0	22.07	22.11	22.03		
1.4	QPSK	3	1	21.88	21.97	21.87		
1.4	QPSK	3	3	21.96	21.99	21.97		
1.4	QPSK	6	0	21.04	21.08	21.02	22	1
1.4	16QAM	1	0	20.99	21.05	20.86	22	1
1.4	16QAM	1	3	20.92	21.07	21.04		
1.4	16QAM	1	5	20.94	20.98	20.93		
1.4	16QAM	3	0	20.92	21.14	20.87		
1.4	16QAM	3	1	20.90	20.96	21.01		
1.4	16QAM	3	3	20.91	20.94	20.90		
1.4	16QAM	6	0	20.11	20.11	19.98	21	2
1.4	64QAM	1	0	19.99	20.08	20.01	21	2
1.4	64QAM	1	3	20.10	20.04	19.88		
1.4	64QAM	1	5	20.03	20.07	20.07		
1.4	64QAM	3	0	20.10	20.17	19.93		
1.4	64QAM	3	1	19.90	19.99	20.00		
1.4	64QAM	3	3	19.87	20.08	19.90		
1.4	64QAM	6	0	19.09	19.13	19.05	20	3
1.4	256QAM	1	0	17.17	17.18	17.09	18	5
1.4	256QAM	1	3	17.13	17.30	17.11		
1.4	256QAM	1	5	17.12	17.20	17.07		
1.4	256QAM	3	0	17.02	17.06	17.05		
1.4	256QAM	3	1	17.06	17.05	17.06		
1.4	256QAM	3	3	17.00	17.11	17.12		
1.4	256QAM	6	0	16.97	17.13	17.06	18	5

Band 13 Ant 0 ECI 5

BW [MHz]	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		22.20		23	0
10	QPSK	1	25		22.13			
10	QPSK	1	49		22.08			
10	QPSK	25	0		21.17		22	1
10	QPSK	25	12		21.11			
10	QPSK	25	25		21.13			
10	QPSK	50	0		21.10			
10	16QAM	1	0		21.12		22	1
10	16QAM	1	25		21.09			
10	16QAM	1	49		21.11			
10	16QAM	25	0		20.27		21	2
10	16QAM	25	12		20.22			
10	16QAM	25	25		20.18			
10	16QAM	50	0		20.25			
10	64QAM	1	0		20.19		21	2
10	64QAM	1	25		20.14			
10	64QAM	1	49		20.11			
10	64QAM	25	0		19.29		20	3
10	64QAM	25	12		19.26			
10	64QAM	25	25		19.13			
10	64QAM	50	0		19.10			
10	256QAM	1	0		17.36		18	5
10	256QAM	1	25		17.35			
10	256QAM	1	49		17.28			
10	256QAM	25	0		17.11		18	5
10	256QAM	25	12		17.18			
10	256QAM	25	25		17.26			
10	256QAM	50	0		17.19			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.10	22.16	22.13	23	0
5	QPSK	1	12	22.09	22.03	21.98		
5	QPSK	1	24	22.00	22.02	21.99		
5	QPSK	12	0	21.03	21.05	21.03	22	1
5	QPSK	12	7	20.99	20.99	21.01		
5	QPSK	12	13	21.10	21.07	21.07		
5	QPSK	25	0	21.07	21.03	21.00		
5	16QAM	1	0	21.04	21.03	21.05	22	1
5	16QAM	1	12	20.98	21.01	20.98		
5	16QAM	1	24	21.03	21.05	21.07		
5	16QAM	12	0	20.17	20.12	20.23	21	2
5	16QAM	12	7	20.13	20.08	20.17		
5	16QAM	12	13	20.05	20.07	20.14		
5	16QAM	25	0	20.14	20.17	20.15		
5	64QAM	1	0	20.11	20.12	20.06	21	2
5	64QAM	1	12	20.02	20.03	20.09		
5	64QAM	1	24	20.00	20.01	20.06		
5	64QAM	12	0	19.23	19.15	19.25	20	3
5	64QAM	12	7	19.19	19.20	19.17		
5	64QAM	12	13	19.07	19.07	19.05		
5	64QAM	25	0	19.05	19.04	19.03		
5	256QAM	1	0	17.23	17.26	17.23	18	5
5	256QAM	1	12	17.21	17.27	17.25		
5	256QAM	1	24	17.19	17.13	17.15		
5	256QAM	12	0	17.06	17.03	17.01	18	5
5	256QAM	12	7	17.04	17.05	17.08		
5	256QAM	12	13	17.17	17.15	17.22		
5	256QAM	25	0	17.12	17.11	17.15		

Band 14 Ant 0 ECI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.31		23	0
10	QPSK	1	25		22.28			
10	QPSK	1	49		22.24			
10	QPSK	25	0		21.31		22	1
10	QPSK	25	12		21.22			
10	QPSK	25	25		21.21			
10	QPSK	50	0		21.25			
10	16QAM	1	0		21.20		22	1
10	16QAM	1	25		21.14			
10	16QAM	1	49		21.21			
10	16QAM	25	0		20.39		21	2
10	16QAM	25	12		20.36			
10	16QAM	25	25		20.34			
10	16QAM	50	0		20.30			
10	64QAM	1	0		20.34		21	2
10	64QAM	1	25		20.22			
10	64QAM	1	49		20.16			
10	64QAM	25	0		19.37		20	3
10	64QAM	25	12		19.35			
10	64QAM	25	25		19.25			
10	64QAM	50	0		19.21			
10	256QAM	1	0		17.48		18	5
10	256QAM	1	25		17.47			
10	256QAM	1	49		17.42			
10	256QAM	25	0		17.21		18	5
10	256QAM	25	12		17.23			
10	256QAM	25	25		17.41			
10	256QAM	50	0		17.33			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.19	22.27	22.21	23	0
5	QPSK	1	12	22.15	22.21	22.16		
5	QPSK	1	24	22.10	22.14	22.18		
5	QPSK	12	0	21.27	21.27	21.27	22	1
5	QPSK	12	7	21.11	21.16	21.16		
5	QPSK	12	13	21.08	21.13	21.07		
5	QPSK	25	0	21.14	21.17	21.13		
5	16QAM	1	0	21.14	21.12	21.11	22	1
5	16QAM	1	12	21.01	21.08	21.10		
5	16QAM	1	24	21.14	21.11	21.18		
5	16QAM	12	0	20.34	20.24	20.28	21	2
5	16QAM	12	7	20.24	20.30	20.28		
5	16QAM	12	13	20.26	20.31	20.26		
5	16QAM	25	0	20.22	20.18	20.22		
5	64QAM	1	0	20.26	20.24	20.25	21	2
5	64QAM	1	12	20.09	20.08	20.14		
5	64QAM	1	24	20.07	20.09	20.06		
5	64QAM	12	0	19.29	19.29	19.29	20	3
5	64QAM	12	7	19.27	19.25	19.30		
5	64QAM	12	13	19.10	19.14	19.13		
5	64QAM	25	0	19.14	19.07	19.17		
5	256QAM	1	0	17.45	17.39	17.33	18	5
5	256QAM	1	12	17.39	17.35	17.42		
5	256QAM	1	24	17.36	17.35	17.28		
5	256QAM	12	0	17.10	17.08	17.12	18	5
5	256QAM	12	7	17.15	17.14	17.08		
5	256QAM	12	13	17.27	17.28	17.34		
5	256QAM	25	0	17.28	17.20	17.19		

Band 17 Ant 0 ECI 5

BW [MHz]	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		22.10		23	0
10	QPSK	1	25		22.08			
10	QPSK	1	49		21.95			
10	QPSK	25	0		21.14		22	1
10	QPSK	25	12		21.06			
10	QPSK	25	25		21.10			
10	QPSK	50	0		20.97			
10	16QAM	1	0		21.02		22	1
10	16QAM	1	25		21.03			
10	16QAM	1	49		21.00			
10	16QAM	25	0		20.16		21	2
10	16QAM	25	12		20.16			
10	16QAM	25	25		20.09			
10	16QAM	50	0		20.14			
10	64QAM	1	0		20.09		21	2
10	64QAM	1	25		20.09			
10	64QAM	1	49		20.06			
10	64QAM	25	0		19.18		20	3
10	64QAM	25	12		19.20			
10	64QAM	25	25		19.06			
10	64QAM	50	0		19.01			
10	256QAM	1	0		17.25		18	5
10	256QAM	1	25		17.31			
10	256QAM	1	49		17.25			
10	256QAM	25	0		16.99		18	5
10	256QAM	25	12		17.10			
10	256QAM	25	25		17.15			
10	256QAM	50	0		17.10			
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.03	22.07	22.00	23	0
5	QPSK	1	12	21.96	22.04	21.96		
5	QPSK	1	24	21.90	21.83	21.92		
5	QPSK	12	0	21.08	21.11	21.00	22	1
5	QPSK	12	7	20.96	20.97	21.02		
5	QPSK	12	13	21.02	20.96	20.96		
5	QPSK	25	0	20.94	20.89	20.91		
5	16QAM	1	0	20.94	20.95	20.90	22	1
5	16QAM	1	12	20.96	20.99	20.92		
5	16QAM	1	24	20.93	20.94	20.95		
5	16QAM	12	0	20.08	20.04	20.06	21	2
5	16QAM	12	7	20.06	20.01	20.03		
5	16QAM	12	13	19.96	19.98	20.01		
5	16QAM	25	0	20.10	20.05	20.07		
5	64QAM	1	0	19.96	19.96	19.99	21	2
5	64QAM	1	12	19.94	20.04	19.97		
5	64QAM	1	24	19.96	19.99	19.96		
5	64QAM	12	0	19.05	19.03	19.06	20	3
5	64QAM	12	7	19.11	19.14	19.11		
5	64QAM	12	13	18.95	18.93	19.00		
5	64QAM	25	0	18.92	18.90	18.90		
5	256QAM	1	0	17.19	17.19	17.17	18	5
5	256QAM	1	12	17.21	17.25	17.23		
5	256QAM	1	24	17.18	17.14	17.14		
5	256QAM	12	0	16.90	16.95	16.89	18	5
5	256QAM	12	7	17.07	17.04	17.07		
5	256QAM	12	13	17.03	17.06	17.05		
5	256QAM	25	0	16.97	16.96	17.01		

Band 25 Ant 0 ECI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.06	18.17	18.08	19.5	0
20	QPSK	1	49	18.06	18.00	18.00		
20	QPSK	1	99	17.93	18.07	17.95		
20	QPSK	50	0	18.11	18.15	18.09	19.5	0
20	QPSK	50	24	18.04	18.13	18.01		
20	QPSK	50	50	18.04	18.00	18.00		
20	QPSK	100	0	18.01	18.06	17.95		
20	16QAM	1	0	17.94	18.00	17.97	19.5	0
20	16QAM	1	49	17.92	18.11	17.93		
20	16QAM	1	99	17.88	18.07	17.92		
20	16QAM	50	0	18.02	18.15	18.00	19.5	0
20	16QAM	50	24	18.07	18.09	17.98		
20	16QAM	50	50	17.87	18.00	17.97		
20	16QAM	100	0	18.01	18.13	17.96		
20	64QAM	1	0	18.02	18.14	18.07	19.5	0
20	64QAM	1	49	17.92	17.97	17.92		
20	64QAM	1	99	17.92	17.95	17.94		
20	64QAM	50	0	18.08	18.11	18.07	19.5	0
20	64QAM	50	24	18.09	18.11	17.98		
20	64QAM	50	50	17.93	18.09	17.93		
20	64QAM	100	0	17.89	18.06	18.02		
20	256QAM	1	0	17.77	17.89	17.71	19	0.5
20	256QAM	1	49	17.67	17.84	17.66		
20	256QAM	1	99	17.53	17.75	17.62		
20	256QAM	50	0	17.48	17.63	17.55	19	0.5
20	256QAM	50	24	17.65	17.67	17.49		
20	256QAM	50	50	17.62	17.73	17.62		
20	256QAM	100	0	17.61	17.66	17.61		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.04	18.13	18.09	19.5	0
15	QPSK	1	37	18.05	17.98	17.94		
15	QPSK	1	74	17.89	18.02	17.97		
15	QPSK	36	0	18.09	18.10	18.11	19.5	0
15	QPSK	36	20	18.06	18.13	18.00		
15	QPSK	36	39	18.01	18.00	17.96		
15	QPSK	75	0	17.97	18.08	17.90		
15	16QAM	1	0	17.95	17.91	17.94	19.5	0
15	16QAM	1	37	17.88	18.03	17.90		
15	16QAM	1	74	17.89	18.09	17.91		
15	16QAM	36	0	18.04	18.09	17.96	19.5	0
15	16QAM	36	20	17.99	18.05	17.95		
15	16QAM	36	39	17.88	17.92	17.92		
15	16QAM	75	0	17.99	18.12	17.80		
15	64QAM	1	0	17.94	18.16	18.07	19.5	0
15	64QAM	1	37	17.88	17.89	17.86		
15	64QAM	1	74	17.92	17.93	17.93		
15	64QAM	36	0	18.10	18.02	18.01	19.5	0
15	64QAM	36	20	18.07	18.07	17.92		
15	64QAM	36	39	17.85	18.05	17.90		
15	64QAM	75	0	17.84	18.01	17.96		
15	256QAM	1	0	17.73	17.82	17.65	19	0.5
15	256QAM	1	37	17.67	17.83	17.62		
15	256QAM	1	74	17.44	17.77	17.61		
15	256QAM	36	0	17.45	17.60	17.48	19	0.5
15	256QAM	36	20	17.65	17.65	17.47		
15	256QAM	36	39	17.54	17.75	17.57		
15	256QAM	75	0	17.55	17.68	17.55		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.04	18.09	18.10	19.5	0
10	QPSK	1	25	18.02	17.98	18.00		
10	QPSK	1	49	17.94	18.05	17.93		
10	QPSK	25	0	18.08	18.11	18.00	19.5	0
10	QPSK	25	12	18.06	18.15	18.04		
10	QPSK	25	25	18.04	17.93	18.01		
10	QPSK	50	0	18.04	18.05	17.89		
10	16QAM	1	0	17.89	17.92	17.91	19.5	0
10	16QAM	1	25	17.87	18.06	17.87		
10	16QAM	1	49	17.85	18.00	17.83		
10	16QAM	25	0	17.94	18.13	17.91	19.5	0
10	16QAM	25	12	18.06	18.12	17.92		
10	16QAM	25	25	17.86	17.92	17.98		
10	16QAM	50	0	17.97	18.09	17.88		
10	64QAM	1	0	18.04	18.11	18.10	19.5	0
10	64QAM	1	25	17.88	17.90	17.85		
10	64QAM	1	49	17.89	17.96	17.96		
10	64QAM	25	0	18.09	18.09	18.07	19.5	0
10	64QAM	25	12	18.10	18.08	17.90		
10	64QAM	25	25	17.92	18.10	17.96		
10	64QAM	50	0	17.91	18.02	17.99		
10	256QAM	1	0	17.69	17.89	17.67	19	0.5
10	256QAM	1	25	17.62	17.84	17.61		
10	256QAM	1	49	17.46	17.77	17.60		
10	256QAM	25	0	17.41	17.56	17.48	19	0.5
10	256QAM	25	12	17.62	17.68	17.49		
10	256QAM	25	25	17.61	17.71	17.64		
10	256QAM	50	0	17.55	17.68	17.59		
Channel				26090	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	17.99	18.10	18.09	19.5	0
5	QPSK	1	12	17.97	17.96	18.00		
5	QPSK	1	24	17.96	18.00	17.96		
5	QPSK	12	0	18.10	18.16	18.11	19.5	0
5	QPSK	12	7	18.06	18.07	17.97		
5	QPSK	12	13	17.97	17.93	17.94		
5	QPSK	25	0	18.00	18.01	17.94		
5	16QAM	1	0	17.89	18.03	17.90	19.5	0
5	16QAM	1	12	17.91	18.11	17.95		
5	16QAM	1	24	17.88	18.08	17.83		
5	16QAM	12	0	17.97	18.09	18.02	19.5	0
5	16QAM	12	7	18.04	18.00	17.90		
5	16QAM	12	13	17.81	17.96	17.99		
5	16QAM	25	0	17.92	18.10	17.96	19.5	0
5	64QAM	1	0	18.02	18.13	18.06		
5	64QAM	1	12	17.93	17.89	17.92		
5	64QAM	1	24	17.90	17.93	17.86		
5	64QAM	12	0	18.05	18.03	18.07	19.5	0
5	64QAM	12	7	18.03	18.06	18.00		
5	64QAM	12	13	17.85	18.03	17.94		
5	64QAM	25	0	17.86	18.06	17.94		
5	256QAM	1	0	17.70	17.91	17.69	19	0.5
5	256QAM	1	12	17.62	17.86	17.65		
5	256QAM	1	24	17.52	17.67	17.63		
5	256QAM	12	0	17.40	17.65	17.52	19	0.5
5	256QAM	12	7	17.67	17.67	17.42		
5	256QAM	12	13	17.55	17.73	17.63		
5	256QAM	25	0	17.56	17.61	17.63		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.08	18.14	18.09	19.5	0
3	QPSK	1	8	18.00	17.94	17.99		
3	QPSK	1	14	17.87	18.02	17.87		
3	QPSK	8	0	18.05	18.14	18.08	19.5	0
3	QPSK	8	4	18.01	18.12	17.96		
3	QPSK	8	7	17.96	17.95	17.99		
3	QPSK	15	0	17.98	18.01	17.93		
3	16QAM	1	0	17.93	17.96	17.95	19.5	0
3	16QAM	1	8	17.87	18.12	17.93		
3	16QAM	1	14	17.83	18.03	17.90		
3	16QAM	8	0	17.96	18.16	18.01	19.5	0
3	16QAM	8	4	18.00	18.05	17.93		
3	16QAM	8	7	17.88	17.94	17.92		
3	16QAM	15	0	18.04	18.04	17.97		
3	64QAM	1	0	17.96	18.15	18.02	19.5	0
3	64QAM	1	8	17.91	17.98	17.85		
3	64QAM	1	14	17.94	17.90	17.89		
3	64QAM	8	0	18.06	18.11	18.01	19.5	0
3	64QAM	8	4	18.08	18.08	18.01		
3	64QAM	8	7	17.89	18.08	17.90		
3	64QAM	15	0	17.89	17.99	18.01		
3	256QAM	1	0	17.80	17.92	17.65	19	0.5
3	256QAM	1	8	17.62	17.85	17.69		
3	256QAM	1	14	17.49	17.75	17.54		
3	256QAM	8	0	17.39	17.66	17.53	19	0.5
3	256QAM	8	4	17.57	17.63	17.42		
3	256QAM	8	7	17.64	17.68	17.55		
3	256QAM	15	0	17.55	17.57	17.54		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.00	18.09	18.10	19.5	0
1.4	QPSK	1	3	18.08	17.94	17.98		
1.4	QPSK	1	5	17.88	18.06	17.95		
1.4	QPSK	3	0	18.13	18.13	18.02		
1.4	QPSK	3	1	18.03	18.05	18.04		
1.4	QPSK	3	3	18.04	18.02	17.96		
1.4	QPSK	6	0	17.93	18.07	17.93	19.5	0
1.4	16QAM	1	0	17.95	18.02	17.98	19.5	0
1.4	16QAM	1	3	17.92	18.08	17.90		
1.4	16QAM	1	5	17.88	18.01	17.92		
1.4	16QAM	3	0	17.94	18.14	17.93		
1.4	16QAM	3	1	18.07	18.04	17.97		
1.4	16QAM	3	3	17.83	17.97	17.93		
1.4	16QAM	6	0	17.97	18.10	17.91	19.5	0
1.4	64QAM	1	0	17.99	18.14	18.10	19.5	0
1.4	64QAM	1	3	17.94	17.97	17.92		
1.4	64QAM	1	5	17.88	17.88	17.85		
1.4	64QAM	3	0	18.01	18.04	18.01		
1.4	64QAM	3	1	18.11	18.07	17.99		
1.4	64QAM	3	3	17.89	18.02	17.93		
1.4	64QAM	6	0	17.84	18.01	18.00	19.5	0
1.4	256QAM	1	0	17.73	17.81	17.69	19	0.5
1.4	256QAM	1	3	17.59	17.79	17.61		
1.4	256QAM	1	5	17.54	17.70	17.53		
1.4	256QAM	3	0	17.39	17.60	17.49		
1.4	256QAM	3	1	17.57	17.67	17.50		
1.4	256QAM	3	3	17.53	17.64	17.62		
1.4	256QAM	6	0	17.63	17.60	17.53	19	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.34	21.47	21.34	22.3	0
15	QPSK	1	37	21.37	21.38	21.29		
15	QPSK	1	74	21.31	21.34	21.36		
15	QPSK	36	0	21.25	21.30	21.21	22	0.3
15	QPSK	36	20	21.12	21.16	21.09		
15	QPSK	36	39	21.18	21.20	21.26		
15	QPSK	75	0	21.08	21.29	21.13		
15	16QAM	1	0	21.17	21.20	21.05	22	0.3
15	16QAM	1	37	21.21	21.20	21.09		
15	16QAM	1	74	21.03	21.16	21.08		
15	16QAM	36	0	20.25	20.26	20.20	21	1.3
15	16QAM	36	20	20.24	20.31	20.28		
15	16QAM	36	39	20.17	20.26	20.13		
15	16QAM	75	0	20.20	20.29	20.25		
15	64QAM	1	0	20.25	20.30	20.08	21	1.3
15	64QAM	1	37	20.12	20.28	20.11		
15	64QAM	1	74	20.16	20.23	20.06		
15	64QAM	36	0	19.19	19.41	19.24	20	2.3
15	64QAM	36	20	19.27	19.31	19.25		
15	64QAM	36	39	19.12	19.29	19.15		
15	64QAM	75	0	19.16	19.22	19.12		
15	256QAM	1	0	17.32	17.38	17.29	18	4.3
15	256QAM	1	37	17.34	17.39	17.21		
15	256QAM	1	74	17.21	17.40	17.24		
15	256QAM	36	0	17.27	17.29	17.16	18	4.3
15	256QAM	36	20	17.24	17.25	17.28		
15	256QAM	36	39	17.24	17.26	17.23		
15	256QAM	75	0	17.08	17.30	17.17		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.35	21.42	21.32	22.3	0
10	QPSK	1	25	21.38	21.32	21.29		
10	QPSK	1	49	21.24	21.31	21.29		
10	QPSK	25	0	21.18	21.26	21.18	22	0.3
10	QPSK	25	12	21.05	21.05	20.96		
10	QPSK	25	25	21.10	21.17	21.21		
10	QPSK	50	0	20.93	21.20	21.08		
10	16QAM	1	0	21.04	21.10	20.95	22	0.3
10	16QAM	1	25	21.10	21.14	20.96		
10	16QAM	1	49	20.94	21.12	21.05		
10	16QAM	25	0	20.13	20.18	20.07	21	1.3
10	16QAM	25	12	20.20	20.23	20.14		
10	16QAM	25	25	20.13	20.12	19.99		
10	16QAM	50	0	20.06	20.25	20.19		
10	64QAM	1	0	20.17	20.23	19.96	21	1.3
10	64QAM	1	25	19.97	20.13	19.98		
10	64QAM	1	49	20.03	20.13	20.00		
10	64QAM	25	0	19.15	19.28	19.16	20	2.3
10	64QAM	25	12	19.19	19.24	19.11		
10	64QAM	25	25	19.02	19.23	19.01		
10	64QAM	50	0	19.07	19.19	19.04		
10	256QAM	1	0	17.25	17.31	17.23	18	4.3
10	256QAM	1	25	17.19	17.30	17.07		
10	256QAM	1	49	17.12	17.33	17.13		
10	256QAM	25	0	17.21	17.20	17.12	18	4.3
10	256QAM	25	12	17.09	17.16	17.18		
10	256QAM	25	25	17.09	17.18	17.11		
10	256QAM	50	0	16.97	17.16	17.08		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.31	21.41	21.27	22.3	0
5	QPSK	1	12	21.36	21.32	21.24		
5	QPSK	1	24	21.34	21.34	21.36		
5	QPSK	12	0	21.22	21.17	21.11	22	0.3
5	QPSK	12	7	21.00	21.02	20.96		
5	QPSK	12	13	21.09	21.06	21.12		
5	QPSK	25	0	20.97	21.24	21.10		
5	16QAM	1	0	21.06	21.15	20.92	22	0.3
5	16QAM	1	12	21.11	21.06	20.95		
5	16QAM	1	24	20.91	21.06	20.93		
5	16QAM	12	0	20.17	20.17	20.11	21	1.3
5	16QAM	12	7	20.13	20.27	20.15		
5	16QAM	12	13	20.11	20.12	20.00		
5	16QAM	25	0	20.15	20.20	20.22		
5	64QAM	1	0	20.20	20.24	20.00	21	1.3
5	64QAM	1	12	20.08	20.23	19.98		
5	64QAM	1	24	20.08	20.09	19.96		
5	64QAM	12	0	19.10	19.37	19.09	20	2.3
5	64QAM	12	7	19.22	19.24	19.14		
5	64QAM	12	13	19.08	19.18	19.08		
5	64QAM	25	0	19.08	19.08	19.08		
5	256QAM	1	0	17.28	17.25	17.18	18	4.3
5	256QAM	1	12	17.21	17.33	17.07		
5	256QAM	1	24	17.10	17.36	17.20		
5	256QAM	12	0	17.22	17.15	17.10	18	4.3
5	256QAM	12	7	17.12	17.17	17.21		
5	256QAM	12	13	17.11	17.13	17.17		
5	256QAM	25	0	16.95	17.19	17.13		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.27	21.46	21.34	22.3	0
3	QPSK	1	8	21.37	21.31	21.31		
3	QPSK	1	14	21.32	21.34	21.34		
3	QPSK	8	0	21.16	21.17	21.07	22	0.3
3	QPSK	8	4	21.03	21.02	20.94		
3	QPSK	8	7	21.08	21.11	21.20		
3	QPSK	15	0	21.02	21.26	21.02		
3	16QAM	1	0	21.10	21.09	20.93	22	0.3
3	16QAM	1	8	21.14	21.05	21.01		
3	16QAM	1	14	20.88	21.06	21.01		
3	16QAM	8	0	20.12	20.13	20.14	21	1.3
3	16QAM	8	4	20.11	20.26	20.14		
3	16QAM	8	7	20.09	20.20	20.06		
3	16QAM	15	0	20.16	20.19	20.11		
3	64QAM	1	0	20.11	20.24	19.94	21	1.3
3	64QAM	1	8	20.09	20.17	20.07		
3	64QAM	1	14	20.07	20.13	19.94		
3	64QAM	8	0	19.06	19.31	19.18	20	2.3
3	64QAM	8	4	19.16	19.27	19.14		
3	64QAM	8	7	19.06	19.15	19.01		
3	64QAM	15	0	19.12	19.15	19.03		
3	256QAM	1	0	17.21	17.35	17.19	18	4.3
3	256QAM	1	8	17.23	17.30	17.14		
3	256QAM	1	14	17.15	17.36	17.18		
3	256QAM	8	0	17.18	17.14	17.12	18	4.3
3	256QAM	8	4	17.12	17.21	17.17		
3	256QAM	8	7	17.21	17.13	17.17		
3	256QAM	15	0	17.01	17.17	17.02		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.33	21.46	21.31	22.3	0
1.4	QPSK	1	3	21.30	21.39	21.30		
1.4	QPSK	1	5	21.33	21.35	21.31		
1.4	QPSK	3	0	21.33	21.46	21.27		
1.4	QPSK	3	1	21.37	21.39	21.21		
1.4	QPSK	3	3	21.28	21.36	21.31		
1.4	QPSK	6	0	21.16	21.17	21.16	22	0.3
1.4	16QAM	1	0	21.04	21.10	21.04	22	0.3
1.4	16QAM	1	3	21.07	21.17	21.19		
1.4	16QAM	1	5	21.04	21.22	21.03		
1.4	16QAM	3	0	21.05	21.05	20.92		
1.4	16QAM	3	1	21.10	21.13	21.04		
1.4	16QAM	3	3	20.95	21.12	20.99		
1.4	16QAM	6	0	20.14	20.13	20.16	21	1.3
1.4	64QAM	1	0	20.19	20.22	20.19	21	1.3
1.4	64QAM	1	3	20.05	20.18	20.06		
1.4	64QAM	1	5	20.13	20.16	20.11		
1.4	64QAM	3	0	20.16	20.16	20.04		
1.4	64QAM	3	1	20.07	20.22	20.02		
1.4	64QAM	3	3	20.07	20.12	19.90		
1.4	64QAM	6	0	19.13	19.29	19.15	20	2.3
1.4	256QAM	1	0	17.18	17.27	17.17	18	4.3
1.4	256QAM	1	3	17.30	17.24	17.17		
1.4	256QAM	1	5	17.06	17.27	17.10		
1.4	256QAM	3	0	17.24	17.21	17.11		
1.4	256QAM	3	1	17.14	17.22	17.22		
1.4	256QAM	3	3	17.12	17.12	17.15		
1.4	256QAM	6	0	17.00	17.16	17.07	18	4.3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.37		22.4	0
10	QPSK	1	25		21.33			
10	QPSK	1	49		21.25			
10	QPSK	25	0		21.35		22.4	0
10	QPSK	25	12		21.27			
10	QPSK	25	25		21.34			
10	QPSK	50	0		21.34			
10	16QAM	1	0		21.32		22.4	0
10	16QAM	1	25		21.31			
10	16QAM	1	49		21.23			
10	16QAM	25	0		21.33		22.4	0
10	16QAM	25	12		21.32			
10	16QAM	25	25		21.36			
10	16QAM	50	0		21.34			
10	64QAM	1	0		21.33		22.4	0
10	64QAM	1	25		21.36			
10	64QAM	1	49		21.32			
10	64QAM	25	0		21.34		22	0.4
10	64QAM	25	12		21.32			
10	64QAM	25	25		21.33			
10	64QAM	50	0		21.21			
10	256QAM	1	0		19.47		20	2.4
10	256QAM	1	25		19.41			
10	256QAM	1	49		19.28			
10	256QAM	25	0		19.21		20	2.4
10	256QAM	25	12		19.32			
10	256QAM	25	25		19.33			
10	256QAM	50	0		19.24			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	21.23	21.35	21.34	22.4	0
5	QPSK	1	12	21.23	21.26	21.33		
5	QPSK	1	24	21.20	21.24	21.22		
5	QPSK	12	0	21.34	21.34	21.32	22.4	0
5	QPSK	12	7	21.32	21.29	21.29		
5	QPSK	12	13	21.24	21.29	21.22		
5	QPSK	25	0	21.31	21.32	21.31		
5	16QAM	1	0	21.32	21.28	21.27	22.4	0
5	16QAM	1	12	21.34	21.27	21.31		
5	16QAM	1	24	21.28	21.33	21.24		
5	16QAM	12	0	21.28	21.33	21.36	22.4	0
5	16QAM	12	7	21.23	21.17	21.22		
5	16QAM	12	13	21.17	21.32	21.22		
5	16QAM	25	0	21.30	21.21	21.28		
5	64QAM	1	0	21.31	21.23	21.21	22.4	0
5	64QAM	1	12	21.16	21.28	21.31		
5	64QAM	1	24

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.68	19.84	19.73	21.3	0
20	QPSK	1	49	19.66	19.71	19.66		
20	QPSK	1	99	19.70	19.90	19.67		
20	QPSK	50	0	19.77	19.83	19.71	21.3	0
20	QPSK	50	24	19.73	19.78	19.70		
20	QPSK	50	50	19.69	19.72	19.70		
20	QPSK	100	0	19.71	19.81	19.72		
20	16QAM	1	0	19.68	19.74	19.70	21.3	0
20	16QAM	1	49	19.64	19.81	19.64		
20	16QAM	1	99	19.47	19.75	19.59		
20	16QAM	50	0	19.80	19.82	19.76	21.3	0
20	16QAM	50	24	19.82	19.81	19.82		
20	16QAM	50	50	19.81	19.83	19.65		
20	16QAM	100	0	19.76	19.75	19.70		
20	64QAM	1	0	19.70	19.78	19.77	21.3	0
20	64QAM	1	49	19.67	19.76	19.67		
20	64QAM	1	99	19.71	19.76	19.77		
20	64QAM	50	0	19.64	19.69	19.69	21	0.3
20	64QAM	50	24	19.57	19.70	19.50		
20	64QAM	50	50	19.38	19.51	19.49		
20	64QAM	100	0	19.43	19.52	19.37		
20	256QAM	1	0	18.46	18.44	18.33	19	2.3
20	256QAM	1	49	18.23	18.38	18.20		
20	256QAM	1	99	18.31	18.39	18.33		
20	256QAM	50	0	18.24	18.38	18.32	19	2.3
20	256QAM	50	24	18.28	18.37	18.35		
20	256QAM	50	50	18.28	18.41	18.30		
20	256QAM	100	0	18.15	18.37	18.25		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.69	19.77	19.67	21.3	0
15	QPSK	1	37	19.66	19.64	19.58		
15	QPSK	1	74	19.66	19.77	19.69		
15	QPSK	36	0	19.73	19.73	19.68	21.3	0
15	QPSK	36	20	19.75	19.72	19.63		
15	QPSK	36	39	19.62	19.68	19.63		
15	QPSK	75	0	19.74	19.66	19.72		
15	16QAM	1	0	19.67	19.76	19.63	21.3	0
15	16QAM	1	37	19.67	19.76	19.56		
15	16QAM	1	74	19.45	19.69	19.62		
15	16QAM	36	0	19.78	19.77	19.79	21.3	0
15	16QAM	36	20	19.80	19.77	19.77		
15	16QAM	36	39	19.73	19.76	19.68		
15	16QAM	75	0	19.68	19.70	19.63		
15	64QAM	1	0	19.70	19.70	19.73	21.3	0
15	64QAM	1	37	19.64	19.75	19.66		
15	64QAM	1	74	19.73	19.73	19.73		
15	64QAM	36	0	19.66	19.66	19.62	21	0.3
15	64QAM	36	20	19.50	19.70	19.46		
15	64QAM	36	39	19.34	19.47	19.47		
15	64QAM	75	0	19.41	19.47	19.39		
15	256QAM	1	0	18.29	18.22	18.28	19	2.3
15	256QAM	1	37	18.13	18.29	18.08		
15	256QAM	1	74	18.13	18.16	18.23		
15	256QAM	36	0	18.16	18.24	18.16	19	2.3
15	256QAM	36	20	18.13	18.23	18.24		
15	256QAM	36	39	18.18	18.30	18.26		
15	256QAM	75	0	18.06	18.16	18.12		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.60	19.77	19.66	21.3	0
10	QPSK	1	25	19.63	19.63	19.67		
10	QPSK	1	49	19.67	19.72	19.64		
10	QPSK	25	0	19.70	19.82	19.73	21.3	0
10	QPSK	25	12	19.66	19.72	19.73		
10	QPSK	25	25	19.62	19.68	19.66		
10	QPSK	50	0	19.72	19.77	19.69		
10	16QAM	1	0	19.66	19.70	19.68	21.3	0
10	16QAM	1	25	19.61	19.73	19.66		
10	16QAM	1	49	19.46	19.73	19.53		
10	16QAM	25	0	19.81	19.74	19.71	21.3	0
10	16QAM	25	12	19.80	19.76	19.67		
10	16QAM	25	25	19.81	19.80	19.63		
10	16QAM	50	0	19.70	19.65	19.71		
10	64QAM	1	0	19.75	19.73	19.73	21.3	0
10	64QAM	1	25	19.68	19.72	19.67		
10	64QAM	1	49	19.68	19.78	19.72		
10	64QAM	25	0	19.57	19.65	19.65	21	0.3
10	64QAM	25	12	19.60	19.64	19.53		
10	64QAM	25	25	19.31	19.52	19.45		
10	64QAM	50	0	19.41	19.52	19.32		
10	256QAM	1	0	18.24	18.28	18.28	19	2.3
10	256QAM	1	25	18.16	18.36	18.09		
10	256QAM	1	49	18.11	18.16	18.19		
10	256QAM	25	0	18.09	18.23	18.17	19	2.3
10	256QAM	25	12	18.19	18.17	18.26		
10	256QAM	25	25	18.12	18.21	18.25		
10	256QAM	50	0	18.10	18.22	18.09		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.70	19.83	19.70	21.3	0
5	QPSK	1	12	19.68	19.74	19.61		
5	QPSK	1	24	19.64	19.82	19.68		
5	QPSK	12	0	19.73	19.79	19.73	21.3	0
5	QPSK	12	7	19.66	19.70	19.63		
5	QPSK	12	13	19.72	19.68	19.66		
5	QPSK	25	0	19.64	19.75	19.73		
5	16QAM	1	0	19.67	19.80	19.61	21.3	0
5	16QAM	1	12	19.65	19.73	19.66		
5	16QAM	1	24	19.47	19.71	19.53		
5	16QAM	12	0	19.81	19.74	19.79	21.3	0
5	16QAM	12	7	19.79	19.80	19.82		
5	16QAM	12	13	19.78	19.75	19.62		
5	16QAM	25	0	19.68	19.72	19.65		
5	64QAM	1	0	19.68	19.74	19.72	21.3	0
5	64QAM	1	12	19.59	19.83	19.69		
5	64QAM	1	24	19.71	19.73	19.78		
5	64QAM	12	0	19.60	19.66	19.66	21	0.3
5	64QAM	12	7	19.53	19.70	19.49		
5	64QAM	12	13	19.29	19.53	19.46		
5	64QAM	25	0	19.43	19.47	19.30		
5	256QAM	1	0	18.24	18.33	18.18	19	2.3
5	256QAM	1	12	18.15	18.27	18.15		
5	256QAM	1	24	18.15	18.20	18.17		
5	256QAM	12	0	18.15	18.23	18.08	19	2.3
5	256QAM	12	7	18.09	18.17	18.20		
5	256QAM	12	13	18.15	18.30	18.19		
5	256QAM	25	0	17.99	18.25	18.13		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.65	19.79	19.64	21.3	0
3	QPSK	1	8	19.68	19.72	19.65		
3	QPSK	1	14	19.62	19.79	19.63		
3	QPSK	8	0	19.79	19.70	19.67	21.3	0
3	QPSK	8	4	19.74	19.76	19.64		
3	QPSK	8	7	19.65	19.71	19.70		
3	QPSK	15	0	19.71	19.83	19.69		
3	16QAM	1	0	19.68	19.76	19.71	21.3	0
3	16QAM	1	8	19.57	19.79	19.56		
3	16QAM	1	14	19.45	19.78	19.57		
3	16QAM	8	0	19.82	19.82	19.72	21.3	0
3	16QAM	8	4	19.75	19.76	19.78		
3	16QAM	8	7	19.79	19.75	19.67		
3	16QAM	15	0	19.70	19.68	19.70		
3	64QAM	1	0	19.83	19.80	19.78	21.3	0
3	64QAM	1	8	19.67	19.67	19.59		
3	64QAM	1	14	19.72	19.69	19.74		
3	64QAM	8	0	19.60	19.67	19.70	21	0.3
3	64QAM	8	4	19.53	19.68	19.52		
3	64QAM	8	7	19.35	19.43	19.48		
3	64QAM	15	0	19.43	19.50	19.29		
3	256QAM	1	0	18.29	18.25	18.17	19	2.3
3	256QAM	1	8	18.17	18.26	18.17		
3	256QAM	1	14	18.10	18.21	18.21		
3	256QAM	8	0	18.16	18.16	18.11	19	2.3
3	256QAM	8	4	18.11	18.24	18.26		
3	256QAM	8	7	18.21	18.30	18.26		
3	256QAM	15	0	18.04	18.23	18.03		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.65	19.79	19.72	21.3	0
1.4	QPSK	1	3	19.66	19.72	19.60		
1.4	QPSK	1	5	19.66	19.72	19.61		
1.4	QPSK	3	0	19.73	19.76	19.66		
1.4	QPSK	3	1	19.69	19.69	19.66		
1.4	QPSK	3	3	19.69	19.73	19.65		
1.4	QPSK	6	0	19.68	19.81	19.73	21.3	0
1.4	16QAM	1	0	19.66	19.83	19.73	21.3	0
1.4	16QAM	1	3	19.55	19.74	19.64		
1.4	16QAM	1	5	19.48	19.71	19.59		
1.4	16QAM	3	0	19.73	19.80	19.81		
1.4	16QAM	3	1	19.82	19.83	19.75		
1.4	16QAM	3	3	19.71	19.75	19.65		
1.4	16QAM	6	0	19.74	19.75	19.71	21.3	0
1.4	64QAM	1	0	19.83	19.76	19.73	21.3	0
1.4	64QAM	1	3	19.63	19.73	19.63		
1.4	64QAM	1	5	19.68	19.71	19.77		
1.4	64QAM	3	0	19.55	19.66	19.64		
1.4	64QAM	3	1	19.59	19.63	19.51		
1.4	64QAM	3	3	19.41	19.48	19.43		
1.4	64QAM	6	0	19.43	19.53	19.39	21	0.3
1.4	256QAM	1	0	18.33	18.22	18.19	19	2.3
1.4	256QAM	1	3	18.21	18.29	18.15		
1.4	256QAM	1	5	18.08	18.23	18.17		
1.4	256QAM	3	0	18.16	18.25	18.16		
1.4	256QAM	3	1	18.17	18.20	18.21		
1.4	256QAM	3	3	18.13	18.27	18.27		
1.4	256QAM	6	0	18.02	18.25	18.14	19	2.3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.51	22.54	22.52	24	0
20	QPSK	1	49	22.42	22.46	22.46		
20	QPSK	1	99	22.51	22.45	22.44		
20	QPSK	50	0	21.49	21.60	21.50	23	1
20	QPSK	50	24	21.43	21.46	21.35		
20	QPSK	50	50	21.44	21.53	21.47		
20	QPSK	100	0	21.48	21.61	21.52		
20	16QAM	1	0	21.49	21.53	21.46	23	1
20	16QAM	1	49	21.53	21.54	21.42		
20	16QAM	1	99	21.33	21.55	21.39		
20	16QAM	50	0	20.58	20.54	20.56	22	2
20	16QAM	50	24	20.68	20.60	20.54		
20	16QAM	50	50	20.56	20.61	20.33		
20	16QAM	100	0	20.48	20.68	20.58		
20	64QAM	1	0	20.60	20.61	20.52	22	2
20	64QAM	1	49	20.47	20.61	20.37		
20	64QAM	1	99	20.53	20.46	20.39		
20	64QAM	50	0	19.51	19.78	19.58	21	3
20	64QAM	50	24	19.49	19.70	19.54		
20	64QAM	50	50	19.47	19.52	19.59		
20	64QAM	100	0	19.48	19.53	19.33		
20	256QAM	1	0	17.66	17.67	17.66	19	5
20	256QAM	1	49	17.50	17.71	17.47		
20	256QAM	1	99	17.49	17.58	17.65		
20	256QAM	50	0	17.56	17.65	17.57	19	5
20	256QAM	50	24	17.50	17.54	17.64		
20	256QAM	50	50	17.62	17.62	17.68		
20	256QAM	100	0	17.48	17.57	17.54		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.43	22.50	22.39	24	0
15	QPSK	1	37	22.32	22.41	22.39		
15	QPSK	1	74	22.40	22.35	22.32		
15	QPSK	36	0	21.37	21.51	21.36	23	1
15	QPSK	36	20	21.37	21.36	21.20		
15	QPSK	36	39	21.32	21.48	21.38		
15	QPSK	75	0	21.36	21.58	21.40		
15	16QAM	1	0	21.35	21.40	21.41	23	1
15	16QAM	1	37	21.38	21.48	21.36		
15	16QAM	1	74	21.23	21.51	21.35		
15	16QAM	36	0	20.52	20.48	20.42	22	2
15	16QAM	36	20	20.64	20.54	20.50		
15	16QAM	36	39	20.50	20.50	20.27		
15	16QAM	75	0	20.42	20.57	20.52		
15	64QAM	1	0	20.56	20.51	20.37	22	2
15	64QAM	1	37	20.32	20.50	20.26		
15	64QAM	1	74	20.47	20.32	20.29		
15	64QAM	36	0	19.37	19.68	19.50	21	3
15	64QAM	36	20	19.36	19.59	19.41		
15	64QAM	36	39	19.38	19.45	19.50		
15	64QAM	75	0	19.34	19.48	19.27		
15	256QAM	1	0	17.59	17.55	17.62	19	5
15	256QAM	1	37	17.38	17.62	17.35		
15	256QAM	1	74	17.41	17.48	17.51		
15	256QAM	36	0	17.52	17.55	17.50	19	5
15	256QAM	36	20	17.42	17.45	17.56		
15	256QAM	36	39	17.58	17.52	17.60		
15	256QAM	75	0	17.35	17.48	17.49		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.36	22.42	22.46	24	0
10	QPSK	1	25	22.34	22.31	22.36		
10	QPSK	1	49	22.45	22.36	22.35		
10	QPSK	25	0	21.34	21.55	21.36	23	1
10	QPSK	25	12	21.31	21.39	21.24		
10	QPSK	25	25	21.40	21.47	21.33		
10	QPSK	50	0	21.44	21.52	21.39		
10	16QAM	1	0	21.34	21.39	21.42	23	1
10	16QAM	1	25	21.39	21.51	21.28		
10	16QAM	1	49	21.22	21.43	21.31		
10	16QAM	25	0	20.46	20.49	20.49	22	2
10	16QAM	25	12	20.57	20.48	20.43		
10	16QAM	25	25	20.41	20.53	20.24		
10	16QAM	50	0	20.43	20.58	20.45		
10	64QAM	1	0	20.56	20.47	20.39	22	2
10	64QAM	1	25	20.36	20.48	20.29		
10	64QAM	1	49	20.44	20.40	20.30		
10	64QAM	25	0	19.47	19.73	19.44	21	3
10	64QAM	25	12	19.40	19.59	19.44		
10	64QAM	25	25	19.40	19.42	19.54		
10	64QAM	50	0	19.36	19.39	19.22		
10	256QAM	1	0	17.58	17.61	17.55	19	5
10	256QAM	1	25	17.38	17.59	17.41		
10	256QAM	1	49	17.43	17.55	17.56		
10	256QAM	25	0	17.45	17.56	17.49	19	5
10	256QAM	25	12	17.38	17.46	17.56		
10	256QAM	25	25	17.52	17.57	17.55		
10	256QAM	50	0	17.33	17.47	17.40		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.46	22.51	22.42	24	0
5	QPSK	1	12	22.31	22.34	22.32		
5	QPSK	1	24	22.39	22.31	22.33		
5	QPSK	12	0	21.43	21.49	21.44	23	1
5	QPSK	12	7	21.33	21.40	21.27		
5	QPSK	12	13	21.29	21.48	21.44		
5	QPSK	25	0	21.34	21.49	21.44		
5	16QAM	1	0	21.36	21.44	21.35	23	1
5	16QAM	1	12	21.43	21.42	21.32		
5	16QAM	1	24	21.19	21.43	21.27		
5	16QAM	12	0	20.51	20.45	20.43	22	2
5	16QAM	12	7	20.65	20.51	20.47		
5	16QAM	12	13	20.46	20.49	20.21		
5	16QAM	25	0	20.35	20.55	20.48	22	2
5	64QAM	1	0	20.53	20.49	20.41		
5	64QAM	1	12	20.42	20.48	20.28		
5	64QAM	1	24	20.42	20.34	20.31		
5	64QAM	12	0	19.41	19.69	19.49	21	3
5	64QAM	12	7	19.39	19.60	19.50		
5	64QAM	12	13	19.43	19.38	19.51		
5	64QAM	25	0	19.35	19.49	19.20		
5	256QAM	1	0	17.56	17.62	17.55	19	5
5	256QAM	1	12	17.43	17.56	17.33		
5	256QAM	1	24	17.36	17.52	17.61		
5	256QAM	12	0	17.45	17.53	17.46	19	5
5	256QAM	12	7	17.38	17.51	17.55		
5	256QAM	12	13	17.53	17.58	17.58		
5	256QAM	25	0	17.33	17.51	17.49		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.80	22.86	22.87	23.9	0
20	QPSK	1	49	22.78	22.84	22.61		
20	QPSK	1	99	22.66	22.78	22.67		
20	QPSK	50	0	22.62	22.82	22.73		
20	QPSK	50	24	22.65	22.66	22.57		
20	QPSK	50	50	22.69	22.69	22.67		
20	QPSK	100	0	22.57	22.72	22.58		
20	16QAM	1	0	22.56	22.66	22.56		
20	16QAM	1	49	22.65	22.77	22.58	23.9	0
20	16QAM	1	99	22.53	22.61	22.53		
20	16QAM	50	0	22.34	22.37	22.39		
20	16QAM	50	24	22.42	22.34	22.41	23	0.9
20	16QAM	50	50	22.30	22.38	22.17		
20	16QAM	100	0	22.33	22.40	22.30		
20	64QAM	1	0	22.34	22.33	22.29		
20	64QAM	1	49	22.21	22.36	22.21	23	0.9
20	64QAM	1	99	22.26	22.33	22.23		
20	64QAM	50	0	21.32	21.53	21.38		
20	64QAM	50	24	21.37	21.42	21.32	22	1.9
20	64QAM	50	50	21.22	21.33	21.21		
20	64QAM	100	0	21.19	21.36	21.16		
20	256QAM	1	0	19.48	19.49	19.40		
20	256QAM	1	49	19.37	19.55	19.41	20	3.9
20	256QAM	1	99	19.30	19.47	19.40		
20	256QAM	50	0	19.33	19.35	19.26		
20	256QAM	50	24	19.30	19.40	19.32	20	3.9
20	256QAM	50	50	19.30	19.42	19.39		
20	256QAM	100	0	19.28	19.34	19.30		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.81	22.87	22.87	23.9	0
15	QPSK	1	37	22.69	22.82	22.57		
15	QPSK	1	74	22.60	22.80	22.67		
15	QPSK	36	0	22.55	22.83	22.76		
15	QPSK	36	20	22.66	22.66	22.55	23.9	0
15	QPSK	36	39	22.65	22.63	22.61		
15	QPSK	75	0	22.58	22.69	22.57		
15	16QAM	1	0	22.57	22.65	22.47		
15	16QAM	1	37	22.63	22.77	22.53	23.9	0
15	16QAM	1	74	22.47	22.63	22.56		
15	16QAM	36	0	22.26	22.33	22.27		
15	16QAM	36	20	22.39	22.25	22.32	23	0.9
15	16QAM	36	39	22.21	22.24	22.08		
15	16QAM	75	0	22.29	22.34	22.23		
15	64QAM	1	0	22.22	22.29	22.26		
15	64QAM	1	37	22.17	22.31	22.16	23	0.9
15	64QAM	1	74	22.15	22.25	22.13		
15	64QAM	36	0	21.28	21.48	21.26		
15	64QAM	36	20	21.25	21.32	21.17	22	1.9
15	64QAM	36	39	21.18	21.22	21.13		
15	64QAM	75	0	21.12	21.21	21.12		
15	256QAM	1	0	19.38	19.38	19.26		
15	256QAM	1	37	19.31	19.48	19.29	20	3.9
15	256QAM	1	74	19.22	19.33	19.29		
15	256QAM	36	0	19.25	19.26	19.20		
15	256QAM	36	20	19.16	19.37	19.19	20	3.9
15	256QAM	36	39	19.17	19.35	19.30		
15	256QAM	75	0	19.18	19.21	19.18		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.74	22.82	22.85	23.9	0
10	QPSK	1	25	22.70	22.76	22.59		
10	QPSK	1	49	22.67	22.78	22.58		
10	QPSK	25	0	22.62	22.84	22.73		
10	QPSK	25	12	22.68	22.69	22.54	23.9	0
10	QPSK	25	25	22.69	22.69	22.64		
10	QPSK	50	0	22.55	22.70	22.52		
10	16QAM	1	0	22.55	22.59	22.51		
10	16QAM	1	25	22.59	22.72	22.57	23.9	0
10	16QAM	1	49	22.44	22.58	22.48		
10	16QAM	25	0	22.30	22.27	22.26		
10	16QAM	25	12	22.36	22.22	22.32	23	0.9
10	16QAM	25	25	22.27	22.24	22.14		
10	16QAM	50	0	22.18	22.30	22.24		
10	64QAM	1	0	22.25	22.28	22.17		
10	64QAM	1	25	22.06	22.21	22.07	23	0.9
10	64QAM	1	49	22.22	22.21	22.19		
10	64QAM	25	0	21.25	21.47	21.27		
10	64QAM	25	12	21.23	21.30	21.19	22	1.9
10	64QAM	25	25	21.16	21.29	21.12		
10	64QAM	50	0	21.11	21.26	21.05		
10	256QAM	1	0	19.39	19.45	19.35		
10	256QAM	1	25	19.34	19.49	19.31	20	3.9
10	256QAM	1	49	19.24	19.43	19.35		
10	256QAM	25	0	19.23	19.27	19.23		
10	256QAM	25	12	19.18	19.25	19.26	20	3.9
10	256QAM	25	25	19.19	19.33	19.24		
10	256QAM	50	0	19.15	19.21	19.15		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.81	22.86	22.79	23.9	0
5	QPSK	1	12	22.76	22.80	22.61		
5	QPSK	1	24	22.68	22.80	22.69		
5	QPSK	12	0	22.62	22.78	22.72		
5	QPSK	12	7	22.63	22.62	22.56	23.9	0
5	QPSK	12	13	22.64	22.63	22.68		
5	QPSK	25	0	22.49	22.72	22.56		
5	16QAM	1	0	22.53	22.60	22.54		
5	16QAM	1	12	22.64	22.75	22.54	23.9	0
5	16QAM	1	24	22.45	22.53	22.44		
5	16QAM	12	0	22.27	22.31	22.25		
5	16QAM	12	7	22.34	22.21	22.28	23	0.9
5	16QAM	12	13	22.24	22.35	22.11		
5	16QAM	25	0	22.27	22.36	22.19		
5	64QAM	1	0	22.31	22.23	22.15		
5	64QAM	1	12	22.12	22.25	22.11	23	0.9
5	64QAM	1	24	22.12	22.27	22.10		
5	64QAM	12	0	21.17	21.42	21.28		
5	64QAM	12	7	21.23	21.28	21.12	22	1.9
5	64QAM	12	13	21.14	21.24	21.12		
5	64QAM	25	0	21.05	21.28	21.11		
5	256QAM	1	0	19.36	19.45	19.31		
5	256QAM	1	12	19.32	19.50	19.27	20	3.9
5	256QAM	1	24	19.21	19.44	19.34		
5	256QAM	12	0	19.21	19.29	19.15		
5	256QAM	12	7	19.26	19.34	19.22	20	3.9
5	256QAM	12	13	19.22	19.31	19.30		
5	256QAM	25	0	19.15	19.22	19.23		

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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	23.00	22.95	23.02	22.86	22.92	23.9	0
20	QPSK	1	49	22.97	22.88	23.00	22.74	22.74		
20	QPSK	1	99	22.85	22.90	22.99	22.82	22.84		
20	QPSK	50	0	22.73	22.82	22.93	22.73	22.77		
20	QPSK	50	24	22.78	22.74	22.80	22.74	22.62	23.9	0
20	QPSK	50	50	22.72	22.87	22.82	22.67	22.76		
20	QPSK	100	0	22.70	22.71	22.86	22.73	22.72		
20	16QAM	1	0	22.73	22.70	22.84	22.56	22.52		
20	16QAM	1	49	22.77	22.74	22.76	22.66	22.60	23.9	0
20	16QAM	1	99	22.62	22.62	22.75	22.54	22.62		
20	16QAM	50	0	22.53	22.63	22.55	22.53	22.60		
20	16QAM	50	24	22.58	22.64	22.51	22.56	22.51	23	0.9
20	16QAM	50	50	22.47	22.42	22.62	22.38	22.27		
20	16QAM	100	0	22.54	22.48	22.65	22.39	22.40		
20	64QAM	1	0	22.59	22.52	22.53	22.38	22.46		
20	64QAM	1	49	22.40	22.41	22.52	22.29	22.34	23	0.9
20	64QAM	1	99	22.51	22.48	22.59	22.44	22.40		
20	64QAM	50	0	21.52	21.55	21.78	21.51	21.41		
20	64QAM	50	24	21.60	21.50	21.68	21.38	21.35	22	1.9
20	64QAM	50	50	21.48	21.38	21.56	21.30	21.34		
20	64QAM	100	0	21.36	21.40	21.51	21.29	21.34		
20	256QAM	1	0	19.69	19.62	19.72	19.53	19.59		
20	256QAM	1	49	19.61	19.57	19.76	19.54	19.51	20	3.9
20	256QAM	1	99	19.47	19.57	19.72	19.51	19.48		
20	256QAM	50	0	19.53	19.45	19.58	19.36	19.38		
20	256QAM	50	24	19.50	19.57	19.57	19.52	19.44	20	3.9
20	256QAM	50	50	19.54	19.63	19.68	19.54	19.59		
20	256QAM	100	0	19.45	19.47	19.51	19.35	19.37		
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	23.01	22.89	23.00	22.88	22.92	24	0
15	QPSK	1	37	22.88	22.84	22.99	22.72	22.65		
15	QPSK	1	74	22.82	22.84	22.95	22.75	22.86		
15	QPSK	36	0	22.71	22.79	22.93	22.67	22.69		
15	QPSK	36	20	22.77	22.77	22.76	22.68	22.60	23.9	0
15	QPSK	36	39	22.69	22.82	22.76	22.59	22.77		
15	QPSK	75	0	22.66	22.64	22.86	22.69	22.70		
15	16QAM	1	0	22.65	22.63	22.78	22.52	22.44		
15	16QAM	1	37	22.79	22.69	22.76	22.59	22.58	23.9	0
15	16QAM	1	74	22.57	22.54	22.75	22.48	22.53		
15	16QAM	36	0	22.40	22.53	22.50	22.47	22.46		
15	16QAM	36	20	22.51	22.57	22.45	22.44	22.41	23	0.9
15	16QAM	36	39	22.33	22.37	22.51	22.23	22.20		
15	16QAM	75	0	22.50	22.40	22.50	22.28	22.27		
15	64QAM	1	0	22.46	22.39	22.48	22.30	22.42		
15	64QAM	1	37	22.27	22.33	22.38	22.26	22.23	23	0.9
15	64QAM	1	74	22.43	22.43	22.55	22.37	22.30		
15	64QAM	36	0	21.46	21.43	21.68	21.40	21.27		
15	64QAM	36	20	21.50	21.45	21.63	21.29	21.25	22	1.9
15	64QAM	36	39	21.37	21.31	21.50	21.20	21.29		
15	64QAM	75	0	21.32	21.36	21.38	21.20	21.28		
15	256QAM	1	0	19.55	19.56	19.60	19.39	19.50		
15	256QAM	1	37	19.49	19.48	19.62	19.49	19.45	20	3.9
15	256QAM	1	74	19.32	19.47	19.62	19.46	19.33		
15	256QAM	36	0	19.44	19.33	19.49	19.25	19.29		
15	256QAM	36	20	19.41	19.44	19.44	19.38	19.39	20	3.9
15	256QAM	36	39	19.49	19.48	19.59	19.40	19.48		
15	256QAM	75	0	19.38	19.38	19.48	19.32	19.29		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.95	22.88	22.93	22.84	22.83	24	0
10	QPSK	1	25	22.97	22.87	23.01	22.66	22.74		
10	QPSK	1	49	22.88	22.87	22.98	22.77	22.78		
10	QPSK	25	0	22.74	22.85	22.91	22.75	22.78		
10	QPSK	25	12	22.75	22.75	22.83	22.69	22.59	23.9	0
10	QPSK	25	25	22.70	22.79	22.79	22.64	22.79		
10	QPSK	50	0	22.72	22.70	22.81	22.73	22.65		
10	16QAM	1	0	22.75	22.62	22.82	22.53	22.48		
10	16QAM	1	25	22.73	22.73	22.69	22.62	22.63	23.9	0
10	16QAM	1	49	22.54	22.64	22.72	22.45	22.55		
10	16QAM	25	0	22.44	22.55	22.52	22.47	22.56		
10	16QAM	25	12	22.44	22.55	22.45	22.42	22.47	23	0.9
10	16QAM	25	25	22.34	22.35	22.56	22.24	22.21		
10	16QAM	50	0	22.40	22.40	22.56	22.27	22.33		
10	64QAM	1	0	22.48	22.49	22.38	22.31	22.42		
10	64QAM	1	25	22.26	22.27	22.48	22.17	22.28	23	0.9
10	64QAM	1	49	22.45	22.36	22.50	22.39	22.34		
10	64QAM	25	0	21.48	21.46	21.70	21.38	21.30		
10	64QAM	25	12	21.55	21.47	21.64	21.33	21.24	22	1.9
10	64QAM	25	25	21.44	21.33	21.52	21.25	21.27		
10	64QAM	50	0	21.32	21.28	21.48	21.15	21.22		
10	256QAM	1	0	19.63	19.50	19.61	19.39	19.49		
10	256QAM	1	25	19.49	19.43	19.71	19.41	19.43	20	3.9
10	256QAM	1	49	19.38	19.42	19.63	19.42	19.36		
10	256QAM	25	0	19.43	19.40	19.49	19.25	19.33		
10	256QAM	25	12	19.42	19.47	19.49	19.37	19.41	20	3.9
10	256QAM	25	25	19.41	19.51	19.54	19.45	19.45		
10	256QAM	50	0	19.36	19.37	19.48	19.23	19.26		
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	22.98	22.90	23.01	22.83	22.86	24	0
5	QPSK	1	12	22.97	22.90	23.01	22.75	22.71		
5	QPSK	1	24	22.88	22.84	22.92	22.74	22.86		
5	QPSK	12	0	22.68	22.80	22.86	22.72	22.78		
5	QPSK	12	7	22.79	22.66	22.78	22.75	22.57	23.9	0
5	QPSK	12	13	22.74	22.79	22.81	22.65	22.77		
5	QPSK	25	0	22.68	22.67	22.81	22.70	22.72		
5	16QAM	1	0	22.69	22.73	22.86	22.48	22.52		
5	16QAM	1	12	22.79	22.74	22.70	22.59	22.60	23.9	0
5	16QAM	1	24	22.55	22.61	22.67	22.53	22.58		
5	16QAM	12	0	22.49	22.56	22.47	22.39	22.51		
5	16QAM	12	7	22.47	22.60	22.38	22.47	22.47	23	0.9
5	16QAM	12	13	22.42	22.34	22.58	22.30	22.13		
5	16QAM	25	0	22.42	22.44	22.54	22.31	22.34		
5	64QAM	1	0	22.54	22.46	22.49	22.27	22.38		
5	64QAM	1	12	22.36	22.31	22.47	22.25	22.29	23	0.9
5	64QAM	1	24	22.42	22.44	22.45	22.31	22.26		
5	64QAM	12	0	21.40	21.43	21.70	21.42	21.36		
5	64QAM	12	7	21.49	21.37	21.62	21.27	21.31	22	1.9
5	64QAM	12	13	21.43	21.27	21.44	21.24	21.28		
5	64QAM	25	0	21.26	21.35	21.46	21.18	21.24		
5	256QAM	1	0	19.55	19.57	19.66	19.42	19.45		
5	256QAM	1	12	19.47	19.52	19.61	19.48	19.36	20	3.9
5	256QAM	1	24	19.33	19.50	19.65	19.38	19.44		
5	256QAM	12	0	19.49	19.33	19.52	19.31	19.30		
5	256QAM	12	7	19.43	19.44	19.48	19.40	19.29	20	3.9
5	256QAM	12	13	19.48	19.53	19.65	19.41	19.54		
5	256QAM	25	0	19.38	19.42	19.42	19.22	19.28		

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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	24.12	24.11	24.29	24.09	24.18	25.5	0
20	QPSK	1	49	24.17	24.08	24.27	23.96	23.90		
20	QPSK	1	99	24.06	24.06	24.17	24.00	24.05		
20	QPSK	50	0	24.21	24.23	24.26	24.10	24.14		
20	QPSK	50	24	24.24	24.07	24.19	24.08	24.00	25.5	0
20	QPSK	50	50	24.07	24.27	24.16	24.10	24.12		
20	QPSK	100	0	24.14	24.16	24.19	24.15	24.05		
20	16QAM	1	0	24.09	24.05	24.24	23.96	23.96	25.5	0
20	16QAM	1	49	24.25	24.13	24.17	24.08	24.05		
20	16QAM	1	99	24.12	24.07	24.26	23.96	24.04		
20	16QAM	50	0	24.22	24.24	24.23	24.26	24.25		
20	16QAM	50	24	24.25	24.24	24.23	24.26	24.25	25.5	0
20	16QAM	50	50	24.18	24.10	24.21	24.10	23.96		
20	16QAM	100	0	24.18	24.20	24.27	24.09	24.18		
20	64QAM	1	0	24.26	24.20	24.24	24.08	24.17		
20	64QAM	1	49	24.08	24.08	24.24	23.97	24.00	25.5	0
20	64QAM	1	99	24.19	24.12	24.22	24.20	24.15		
20	64QAM	50	0	23.95	24.01	24.12	23.87	23.81		
20	64QAM	50	24	24.00	23.92	24.05	23.76	23.80	25	0.5
20	64QAM	50	50	23.91	23.84	23.92	23.82	23.78		
20	64QAM	100	0	23.75	23.80	23.89	23.75	23.73		
20	256QAM	1	0	22.06	22.01	22.19	21.95	22.02		
20	256QAM	1	49	22.06	21.96	22.21	21.90	21.95	23	2.5
20	256QAM	1	99	21.91	22.03	22.10	21.90	21.95		
20	256QAM	50	0	21.90	21.82	22.02	21.79	21.75		
20	256QAM	50	24	21.95	22.00	22.01	21.88	21.88	23	2.5
20	256QAM	50	50	21.98	22.01	22.12	21.98	22.04		
20	256QAM	100	0	21.92	21.88	21.95	21.81	21.79		
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	24.07	24.09	24.21	24.02	24.20	26	0
15	QPSK	1	37	24.19	24.05	24.20	23.96	23.82		
15	QPSK	1	74	23.99	23.99	24.17	23.95	24.07		
15	QPSK	36	0	24.23	24.21	24.25	24.10	24.11	25.5	0
15	QPSK	36	20	24.26	24.06	24.17	24.02	23.98		
15	QPSK	36	39	24.07	24.25	24.17	24.08	24.05		
15	QPSK	75	0	24.16	24.18	24.17	24.15	23.98		
15	16QAM	1	0	24.10	24.01	24.16	23.90	23.97	25.5	0
15	16QAM	1	37	24.21	24.08	24.15	24.09	23.99		
15	16QAM	1	74	24.05	24.06	24.28	23.89	23.98		
15	16QAM	36	0	24.22	24.25	24.20	24.27	24.18		
15	16QAM	36	20	24.25	24.20	24.20	24.26	24.17	25.5	0
15	16QAM	36	39	24.19	24.07	24.26	24.03	23.99		
15	16QAM	75	0	24.11	24.15	24.26	24.12	24.13		
15	64QAM	1	0	24.23	24.22	24.19	24.00	24.09	25.5	0
15	64QAM	1	37	24.02	24.05	24.26	23.89	23.96		
15	64QAM	1	74	24.12	24.05	24.14	24.22	24.18		
15	64QAM	36	0	23.88	23.87	24.02	23.73	23.73	25	0.5
15	64QAM	36	20	23.87	23.88	24.00	23.72	23.68		
15	64QAM	36	39	23.76	23.79	23.79	23.70	23.65		
15	64QAM	75	0	23.72	23.68	23.75	23.63	23.60		
15	256QAM	1	0	22.02	21.93	22.07	21.81	21.88	23	2.5
15	256QAM	1	37	22.00	21.89	22.15	21.76	21.86		
15	256QAM	1	74	21.78	21.91	22.06	21.85	21.80		
15	256QAM	36	0	21.79	21.70	21.88	21.65	21.66	23	2.5
15	256QAM	36	20	21.83	21.86	21.90	21.81	21.77		
15	256QAM	36	39	21.94	21.96	22.09	21.90	21.90		
15	256QAM	75	0	21.82	21.85	21.83	21.71	21.65		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.07	24.07	24.25	24.11	24.19	26	0
10	QPSK	1	25	24.16	24.07	24.28	23.96	23.92		
10	QPSK	1	49	24.05	24.01	24.19	24.01	24.07		
10	QPSK	25	0	24.14	24.25	24.28	24.02	24.09	25.5	0
10	QPSK	25	12	24.24	24.05	24.17	24.02	23.92		
10	QPSK	25	25	24.04	24.20	24.13	24.03	24.10		
10	QPSK	50	0	24.13	24.18	24.15	24.17	23.99		
10	16QAM	1	0	24.11	24.03	24.19	23.98	23.87	25.5	0
10	16QAM	1	25	24.25	24.12	24.20	24.03	24.01		
10	16QAM	1	49	24.14	24.04	24.23	23.99	23.98		
10	16QAM	25	0	24.24	24.23	24.26	24.22	24.23	25.5	0
10	16QAM	25	12	24.17	24.15	24.16	24.18	24.27		
10	16QAM	25	25	24.15	24.10	24.22	24.09	23.87		
10	16QAM	50	0	24.15	24.13	24.23	24.06	24.10		
10	64QAM	1	0	24.23	24.14	24.22

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.65	18.78	18.69		
20	QPSK	1	49	18.72	18.74	18.68	19.7	0
20	QPSK	1	99	18.74	18.76	18.69		
20	QPSK	50	0	18.73	18.76	18.75		
20	QPSK	50	24	18.72	18.74	18.72	19.7	0
20	QPSK	50	50	18.67	18.71	18.66		
20	QPSK	100	0	18.72	18.74	18.71		
20	16QAM	1	0	18.70	18.71	18.67		
20	16QAM	1	49	18.67	18.76	18.75	19.7	0
20	16QAM	1	99	18.55	18.62	18.65		
20	16QAM	50	0	18.76	18.76	18.69		
20	16QAM	50	24	18.70	18.70	18.71	19.7	0
20	16QAM	50	50	18.67	18.70	18.67		
20	16QAM	100	0	18.77	18.77	18.62		
20	64QAM	1	0	18.72	18.73	18.65		
20	64QAM	1	49	18.72	18.73	18.71	19.7	0
20	64QAM	1	99	18.60	18.57	18.69		
20	64QAM	50	0	18.75	18.77	18.76		
20	64QAM	50	24	18.73	18.72	18.74	19.7	0
20	64QAM	50	50	18.57	18.67	18.70		
20	64QAM	100	0	18.70	18.71	18.74		
20	256QAM	1	0	17.67	17.67	17.68		
20	256QAM	1	49	17.66	17.65	17.68	19	0.7
20	256QAM	1	99	17.58	17.59	17.61		
20	256QAM	50	0	17.65	17.67	17.67		
20	256QAM	50	24	17.72	17.57	17.60	19	0.7
20	256QAM	50	50	17.61	17.62	17.66		
20	256QAM	100	0	17.46	17.52	17.57		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.62	18.77	18.61		
15	QPSK	1	37	18.74	18.70	18.70	19.7	0
15	QPSK	1	74	18.74	18.75	18.61		
15	QPSK	36	0	18.71	18.75	18.68		
15	QPSK	36	20	18.70	18.66	18.64	19.7	0
15	QPSK	36	39	18.60	18.73	18.66		
15	QPSK	75	0	18.67	18.70	18.73		
15	16QAM	1	0	18.72	18.65	18.64		
15	16QAM	1	37	18.62	18.69	18.74	19.7	0
15	16QAM	1	74	18.52	18.62	18.57		
15	16QAM	36	0	18.77	18.76	18.65		
15	16QAM	36	20	18.66	18.61	18.74	19.7	0
15	16QAM	36	39	18.62	18.73	18.64		
15	16QAM	75	0	18.76	18.73	18.62		
15	64QAM	1	0	18.64	18.72	18.58		
15	64QAM	1	37	18.71	18.75	18.72	19.7	0
15	64QAM	1	74	18.53	18.55	18.63		
15	64QAM	36	0	18.74	18.73	18.76		
15	64QAM	36	20	18.65	18.75	18.66	19.7	0
15	64QAM	36	39	18.52	18.58	18.66		
15	64QAM	75	0	18.71	18.77	18.74		
15	256QAM	1	0	17.65	17.62	17.58		
15	256QAM	1	37	17.58	17.61	17.59	19	0.7
15	256QAM	1	74	17.51	17.48	17.53		
15	256QAM	36	0	17.58	17.57	17.53		
15	256QAM	36	20	17.68	17.47	17.48	19	0.7
15	256QAM	36	39	17.58	17.56	17.55		
15	256QAM	75	0	17.40	17.39	17.46		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.57	18.70	18.65		
10	QPSK	1	25	18.73	18.73	18.65	19.7	0
10	QPSK	1	49	18.69	18.70	18.61		
10	QPSK	25	0	18.68	18.75	18.67		
10	QPSK	25	12	18.66	18.70	18.67	19.7	0
10	QPSK	25	25	18.64	18.73	18.59		
10	QPSK	50	0	18.65	18.67	18.68		
10	16QAM	1	0	18.66	18.71	18.61		
10	16QAM	1	25	18.58	18.72	18.74	19.7	0
10	16QAM	1	49	18.54	18.59	18.57		
10	16QAM	25	0	18.72	18.74	18.71		
10	16QAM	25	12	18.69	18.65	18.71	19.7	0
10	16QAM	25	25	18.59	18.71	18.62		
10	16QAM	50	0	18.69	18.68	18.55		
10	64QAM	1	0	18.67	18.76	18.65		
10	64QAM	1	25	18.70	18.67	18.66	19.7	0
10	64QAM	1	49	18.63	18.49	18.64		
10	64QAM	25	0	18.77	18.73	18.72		
10	64QAM	25	12	18.66	18.73	18.75	19.7	0
10	64QAM	25	25	18.49	18.67	18.67		
10	64QAM	50	0	18.75	18.76	18.70		
10	256QAM	1	0	17.65	17.59	17.60		
10	256QAM	1	25	17.52	17.56	17.64	19	0.7
10	256QAM	1	49	17.50	17.46	17.57		
10	256QAM	25	0	17.57	17.60	17.52		
10	256QAM	25	12	17.48	17.43	17.57	19	0.7
10	256QAM	25	25	17.50	17.58	17.64		
10	256QAM	50	0	17.41	17.41	17.46		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.59	18.70	18.60		
5	QPSK	1	12	18.67	18.66	18.64	19.7	0
5	QPSK	1	24	18.67	18.68	18.71		
5	QPSK	12	0	18.74	18.72	18.76		
5	QPSK	12	7	18.70	18.70	18.67	19.7	0
5	QPSK	12	13	18.63	18.65	18.57		
5	QPSK	25	0	18.63	18.69	18.69		
5	16QAM	1	0	18.61	18.68	18.61		
5	16QAM	1	12	18.62	18.74	18.72	19.7	0
5	16QAM	1	24	18.57	18.56	18.68		
5	16QAM	12	0	18.74	18.70	18.70		
5	16QAM	12	7	18.66	18.65	18.71	19.7	0
5	16QAM	12	13	18.67	18.74	18.65		
5	16QAM	25	0	18.69	18.70	18.58		
5	64QAM	1	0	18.64	18.65	18.60		
5	64QAM	1	12	18.65	18.69	18.73	19.7	0
5	64QAM	1	24	18.60	18.50	18.62		
5	64QAM	12	0	18.72	18.70	18.71		
5	64QAM	12	7	18.68	18.68	18.76	19.7	0
5	64QAM	12	13	18.60	18.66	18.70		
5	64QAM	25	0	18.69	18.75	18.75		
5	256QAM	1	0	17.60	17.57	17.66		
5	256QAM	1	12	17.52	17.63	17.56	19	0.7
5	256QAM	1	24	17.54	17.55	17.51		
5	256QAM	12	0	17.61	17.52	17.46		
5	256QAM	12	7	17.58	17.46	17.56	19	0.7
5	256QAM	12	13	17.57	17.49	17.59		
5	256QAM	25	0	17.33	17.46	17.51		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.60	18.76	18.66		
3	QPSK	1	8	18.73	18.73	18.59	19.7	0
3	QPSK	1	14	18.71	18.68	18.68		
3	QPSK	8	0	18.71	18.75	18.72		
3	QPSK	8	4	18.69	18.70	18.70	19.7	0
3	QPSK	8	7	18.66	18.64	18.67		
3	QPSK	15	0	18.73	18.69	18.73		
3	16QAM	1	0	18.61	18.63	18.62		
3	16QAM	1	8	18.67	18.74	18.70	19.7	0
3	16QAM	1	14	18.54	18.60	18.58		
3	16QAM	8	0	18.71	18.74	18.69		
3	16QAM	8	4	18.63	18.71	18.67	19.7	0
3	16QAM	8	7	18.61	18.74	18.61		
3	16QAM	15	0	18.71	18.72	18.58		
3	64QAM	1	0	18.67	18.76	18.60		
3	64QAM	1	8	18.73	18.71	18.71	19.7	0
3	64QAM	1	14	18.51	18.54	18.67		
3	64QAM	8	0	18.76	18.69	18.74		
3	64QAM	8	4	18.66	18.68	18.76	19.7	0
3	64QAM	8	7	18.59	18.69	18.69		
3	64QAM	15	0	18.72	18.71	18.72		
3	256QAM	1	0	17.59	17.55	17.64		
3	256QAM	1	8	17.63	17.63	17.58	19	0.7
3	256QAM	1	14	17.52	17.55	17.56		
3	256QAM	8	0	17.62	17.60	17.47		
3	256QAM	8	4	17.62	17.55	17.54	19	0.7
3	256QAM	8	7	17.49	17.57	17.56		
3	256QAM	15	0	17.35	17.46	17.50		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.64	18.72	18.68		
1.4	QPSK	1	3	18.70	18.75	18.70		
1.4	QPSK	1	5	18.74	18.68	18.70	19.7	0
1.4	QPSK	3	0	18.66	18.73	18.77		
1.4	QPSK	3	1	18.65	18.73	18.68		
1.4	QPSK	3	3	18.60	18.73	18.64		
1.4	QPSK	6	0	18.71	18.72	18.70	19.7	0
1.4	16QAM	1	0	18.65	18.67	18.60		
1.4	16QAM	1	3	18.60	18.72	18.77		
1.4	16QAM	1	5	18.54	18.55	18.58	19.7	0
1.4	16QAM	3	0	18.77	18.73	18.67		
1.4	16QAM	3	1	18.66	18.67	18.68		
1.4	16QAM	3	3	18.65	18.76	18.61		
1.4	16QAM	6	0	18.69	18.77	18.62	19.7	0
1.4	64QAM	1	0	18.73	18.68	18.63		
1.4	64QAM	1	3	18.71	18.75	18.69		
1.4	64QAM	1	5	18.57	18.55	18.65	19.7	0
1.4	64QAM	3	0	18.77	18.70	18.70		
1.4	64QAM	3	1	18.76	18.72	18.73		
1.4	64QAM	3	3	18.58	18.66	18.64		
1.4	64QAM	6	0	18.73	18.75	18.70	19.7	0
1.4	256QAM	1	0	17.55	17.63	17.55		
1.4	256QAM	1	3	17.53	17.53	17.65		
1.4	256QAM	1	5	17.45	17.54	17.50	19	0.7
1.4	256QAM	3	0	17.55	17.60	17.46		
1.4	256QAM	3	1	17.60	17.45	17.50		
1.4	256QAM	3	3	17.50	17.59	17.49		
1.4	256QAM	6	0	17.38	17.43	17.45	19	0.7

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BW [MHz]	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	18.61	18.67	18.64		
20	QPSK	1	49	18.57	18.56	18.48	19.9	0
20	QPSK	1	99	18.57	18.63	18.52		
20	QPSK	50	0	18.62	18.65	18.56		
20	QPSK	50	24	18.53	18.50	18.56	19.9	0
20	QPSK	50	50	18.60	18.62	18.53		
20	QPSK	100	0	18.65	18.66	18.52		
20	16QAM	1	0	18.56	18.61	18.58		
20	16QAM	1	49	18.54	18.58	18.46	19.9	0
20	16QAM	1	99	18.49	18.55	18.55		
20	16QAM	50	0	18.58	18.66	18.55		
20	16QAM	50	24	18.63	18.54	18.59	19.9	0
20	16QAM	50	50	18.63	18.66	18.53		
20	16QAM	100	0	18.62	18.59	18.65		
20	64QAM	1	0	18.52	18.65	18.62		
20	64QAM	1	49	18.49	18.52	18.54	19.9	0
20	64QAM	1	99	18.59	18.42	18.58		
20	64QAM	50	0	18.64	18.64	18.60		
20	64QAM	50	24	18.62	18.64	18.63	19.9	0
20	64QAM	50	50	18.60	18.64	18.62		
20	64QAM	100	0	18.57	18.57	18.58		
20	256QAM	1	0	18.01	18.11	17.93		
20	256QAM	1	49	18.02	17.91	17.92	19	0.9
20	256QAM	1	99	18.05	18.07	18.01		
20	256QAM	50	0	18.01	18.05	18.03		
20	256QAM	50	24	18.04	18.00	18.05	19	0.9
20	256QAM	50	50	17.87	17.94	17.89		
20	256QAM	100	0	17.93	17.94	17.94		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.59	18.61	18.58		
15	QPSK	1	37	18.49	18.56	18.47	19.9	0
15	QPSK	1	74	18.58	18.58	18.52		
15	QPSK	36	0	18.55	18.62	18.50		
15	QPSK	36	20	18.54	18.42	18.51	19.9	0
15	QPSK	36	39	18.57	18.58	18.52		
15	QPSK	75	0	18.61	18.65	18.49		
15	16QAM	1	0	18.54	18.58	18.64		
15	16QAM	1	37	18.50	18.60	18.48	19.9	0
15	16QAM	1	74	18.45	18.54	18.49		
15	16QAM	36	0	18.56	18.64	18.51		
15	16QAM	36	20	18.64	18.49	18.59	19.9	0
15	16QAM	36	39	18.66	18.66	18.49		
15	16QAM	75	0	18.61	18.59	18.65		
15	64QAM	1	0	18.49	18.59	18.55		
15	64QAM	1	37	18.52	18.45	18.47	19.9	0
15	64QAM	1	74	18.57	18.60	18.52		
15	64QAM	36	0	18.62	18.61	18.53		
15	64QAM	36	20	18.63	18.55	18.60	19.9	0
15	64QAM	36	39	18.54	18.60	18.56		
15	64QAM	75	0	18.62	18.49	18.53		
15	256QAM	1	0	17.98	18.06	17.87		
15	256QAM	1	37	17.97	17.88	17.83	19	0.9
15	256QAM	1	74	17.92	17.93	17.89		
15	256QAM	36	0	17.96	17.92	17.96		
15	256QAM	36	20	17.91	17.94	17.98	19	0.9
15	256QAM	36	39	17.84	17.88	17.79		
15	256QAM	75	0	17.81	17.86	17.82		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.53	18.62	18.56		
10	QPSK	1	25	18.58	18.63	18.50	19.9	0
10	QPSK	1	49	18.54	18.53	18.51		
10	QPSK	25	0	18.53	18.67	18.58		
10	QPSK	25	12	18.45	18.42	18.56	19.9	0
10	QPSK	25	25	18.62	18.53	18.51		
10	QPSK	50	0	18.62	18.60	18.51		
10	16QAM	1	0	18.54	18.65	18.57		
10	16QAM	1	25	18.55	18.55	18.39	19.9	0
10	16QAM	1	49	18.51	18.54	18.51		
10	16QAM	25	0	18.51	18.58	18.48		
10	16QAM	25	12	18.60	18.49	18.53	19.9	0
10	16QAM	25	25	18.64	18.66	18.45		
10	16QAM	50	0	18.58	18.62	18.66		
10	64QAM	1	0	18.54	18.58	18.58		
10	64QAM	1	25	18.51	18.47	18.49	19.9	0
10	64QAM	1	49	18.59	18.58	18.58		
10	64QAM	25	0	18.61	18.62	18.62		
10	64QAM	25	12	18.59	18.59	18.58	19.9	0
10	64QAM	25	25	18.58	18.65	18.62		
10	64QAM	50	0	18.60	18.49	18.55		
10	256QAM	1	0	17.92	17.96	17.89		
10	256QAM	1	25	17.99	17.82	17.78	19	0.9
10	256QAM	1	49	17.95	17.95	17.87		
10	256QAM	25	0	17.89	17.90	17.93		
10	256QAM	25	12	17.90	17.87	18.00	19	0.9
10	256QAM	25	25	17.78	17.87	17.78		
10	256QAM	50	0	17.84	17.75	17.84		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.62	18.58	18.65		
5	QPSK	1	12	18.55	18.63	18.43	19.9	0
5	QPSK	1	24	18.52	18.60	18.54		
5	QPSK	12	0	18.62	18.52	18.48		
5	QPSK	12	7	18.48	18.45	18.47	19.9	0
5	QPSK	12	13	18.61	18.54	18.51		
5	QPSK	25	0	18.58	18.64	18.47		
5	16QAM	1	0	18.55	18.59	18.63		
5	16QAM	1	12	18.57	18.53	18.38	19.9	0
5	16QAM	1	24	18.43	18.49	18.56		
5	16QAM	12	0	18.57	18.58	18.56		
5	16QAM	12	7	18.55	18.51	18.53	19.9	0
5	16QAM	12	13	18.51	18.58	18.55		
5	16QAM	25	0	18.65	18.50	18.65		
5	64QAM	1	0	18.52	18.52	18.51		
5	64QAM	1	12	18.43	18.46	18.48	19.9	0
5	64QAM	1	24	18.61	18.61	18.53		
5	64QAM	12	0	18.67	18.57	18.56		
5	64QAM	12	7	18.55	18.60	18.64	19.9	0
5	64QAM	12	13	18.53	18.64	18.53		
5	64QAM	25	0	18.59	18.57	18.54		
5	256QAM	1	0	17.87	18.03	17.86		
5	256QAM	1	12	17.89	17.88	17.83	19	0.9
5	256QAM	1	24	17.99	17.97	17.93		
5	256QAM	12	0	17.92	18.01	17.91		
5	256QAM	12	7	17.98	17.92	17.94	19	0.9
5	256QAM	12	13	17.80	17.81	17.86		
5	256QAM	25	0	17.81	17.79	17.91		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.52	18.61	18.57		
3	QPSK	1	8	18.48	18.59	18.39	19.9	0
3	QPSK	1	14	18.58	18.66	18.46		
3	QPSK	8	0	18.63	18.57	18.49		
3	QPSK	8	4	18.46	18.51	18.59	19.9	0
3	QPSK	8	7	18.58	18.55	18.55		
3	QPSK	15	0	18.61	18.60	18.50		
3	16QAM	1	0	18.47	18.60	18.58		
3	16QAM	1	8	18.56	18.49	18.38	19.9	0
3	16QAM	1	14	18.49	18.49	18.53		
3	16QAM	8	0	18.56	18.60	18.46		
3	16QAM	8	4	18.54	18.48	18.59	19.9	0
3	16QAM	8	7	18.58	18.57	18.45		
3	16QAM	15	0	18.65	18.55	18.58		
3	64QAM	1	0	18.48	18.65	18.59		
3	64QAM	1	8	18.52	18.51	18.52	19.9	0
3	64QAM	1	14	18.55	18.53	18.53		
3	64QAM	8	0	18.62	18.60	18.59		
3	64QAM	8	4	18.53	18.57	18.55	19.9	0
3	64QAM	8	7	18.61	18.60	18.64		
3	64QAM	15	0	18.65	18.59	18.59		
3	256QAM	1	0	17.94	17.98	17.82		
3	256QAM	1	8	17.95	17.77	17.80	19	0.9
3	256QAM	1	14	17.93	17.94	17.95		
3	256QAM	8	0	17.94	17.97	17.97		
3	256QAM	8	4	17.89	17.91	17.98	19	0.9
3	256QAM	8	7	17.72	17.84	17.81		
3	256QAM	15	0	17.88	17.84	17.90		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.55	18.66	18.60		
1.4	QPSK	1	3	18.57	18.65	18.43		
1.4	QPSK	1	5	18.52	18.55	18.51	19.9	0
1.4	QPSK	3	0	18.62	18.64	18.49		
1.4	QPSK	3	1	18.47	18.48	18.56		
1.4	QPSK	3	3	18.61	18.57	18.51		
1.4	QPSK	6	0	18.67	18.63	18.49	19.9	0
1.4	16QAM	1	0	18.55	18.60	18.54		
1.4	16QAM	1	3	18.57	18.57	18.42		
1.4	16QAM	1	5	18.42	18.49	18.52	19.9	0
1.4	16QAM	3	0	18.60	18.65	18.56		
1.4	16QAM	3	1	18.56	18.50	18.53		
1.4	16QAM	3	3	18.59	18.59	18.50		
1.4	16QAM	6	0	18.55	18.54	18.59	19.9	0
1.4	64QAM	1	0	18.48	18.58	18.58		
1.4	64QAM	1	3	18.44	18.49	18.56		
1.4	64QAM	1	5	18.58	18.57	18.58	19.9	0
1.4	64QAM	3	0	18.55	18.59	18.59		
1.4	64QAM	3	1	18.61	18.62	18.61		
1.4	64QAM	3	3	18.59	18.62	18.62		
1.4	64QAM	6	0	18.60	18.51	18.53	19.9	0
1.4	256QAM	1	0	17.91	17.99	17.89		
1.4	256QAM	1	3	17.92	17.78	17.87		
1.4	256QAM	1	5	17.97	18.01	17.90	19	0.9
1.4	256QAM	3	0	17.90	17.96	17.91		
1.4	256QAM	3	1	17.95	17.91	17.90		
1.4	256QAM	3	3	17.72	17.80	17.81		
1.4	256QAM	6	0	17.85	17.76	17.90	19	0.9

Band 5 Ant 1 ECI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20459	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.72	21.82	21.79		
10	QPSK	1	25	21.64	21.75	21.65	23	0
10	QPSK	1	49	21.70	21.70	21.76		
10	QPSK	25	0	20.73	20.84	20.79		
10	QPSK	25	12	20.67	20.75	20.64	22	1
10	QPSK	25	25	20.74	20.84	20.76		
10	QPSK	50	0	20.70	20.78	20.75		
10	16QAM	1	0	20.69	20.78	20.79		
10	16QAM	1	25	20.66	20.79	20.65	22	1
10	16QAM	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.72	21.76	21.71	23	0
10	QPSK	1	25	21.66	21.76	21.66		
10	QPSK	1	49	21.61	21.69	21.67		
10	QPSK	25	0	20.68	20.78	20.77	22	1
10	QPSK	25	12	20.67	20.74	20.63		
10	QPSK	25	25	20.59	20.74	20.70		
10	QPSK	50	0	20.68	20.73	20.65		
10	16QAM	1	0	20.70	20.72	20.66	22	1
10	16QAM	1	25	20.63	20.70	20.70		
10	16QAM	1	49	20.62	20.69	20.62		
10	16QAM	25	0	19.66	19.74	19.74	21	2
10	16QAM	25	12	19.63	19.74	19.58		
10	16QAM	25	25	19.64	19.76	19.75		
10	16QAM	50	0	19.65	19.78	19.59		
10	64QAM	1	0	19.67	19.76	19.77	21	2
10	64QAM	1	25	19.61	19.69	19.69		
10	64QAM	1	49	19.58	19.74	19.64		
10	64QAM	25	0	18.66	18.76	18.82	20	3
10	64QAM	25	12	18.65	18.75	18.68		
10	64QAM	25	25	18.60	18.78	18.70		
10	64QAM	50	0	18.67	18.68	18.70		
10	256QAM	1	0	16.62	16.84	16.80	18	5
10	256QAM	1	25	16.70	16.75	16.63		
10	256QAM	1	49	16.55	16.80	16.73		
10	256QAM	25	0	16.67	16.73	16.70	18	5
10	256QAM	25	12	16.65	16.74	16.68		
10	256QAM	25	25	16.66	16.71	16.72		
10	256QAM	50	0	16.63	16.72	16.66		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.60	21.64	21.59	23	0
5	QPSK	1	12	21.62	21.66	21.52		
5	QPSK	1	24	21.51	21.64	21.58		
5	QPSK	12	0	20.59	20.65	20.69	22	1
5	QPSK	12	7	20.65	20.64	20.51		
5	QPSK	12	13	20.51	20.62	20.65		
5	QPSK	25	0	20.63	20.64	20.57		
5	16QAM	1	0	20.61	20.64	20.58	22	1
5	16QAM	1	12	20.56	20.58	20.63		
5	16QAM	1	24	20.59	20.63	20.57		
5	16QAM	12	0	19.57	19.65	19.71	21	2
5	16QAM	12	7	19.52	19.70	19.52		
5	16QAM	12	13	19.53	19.70	19.62		
5	16QAM	25	0	19.54	19.70	19.54		
5	64QAM	1	0	19.62	19.71	19.71	21	2
5	64QAM	1	12	19.55	19.61	19.55		
5	64QAM	1	24	19.55	19.62	19.57		
5	64QAM	12	0	18.57	18.70	18.77	20	3
5	64QAM	12	7	18.61	18.71	18.62		
5	64QAM	12	13	18.50	18.65	18.66		
5	64QAM	25	0	18.58	18.63	18.64		
5	256QAM	1	0	16.52	16.78	16.72	18	5
5	256QAM	1	12	16.64	16.64	16.50		
5	256QAM	1	24	16.42	16.76	16.68		
5	256QAM	12	0	16.64	16.63	16.65	18	5
5	256QAM	12	7	16.54	16.72	16.63		
5	256QAM	12	13	16.59	16.61	16.59		
5	256QAM	25	0	16.59	16.70	16.53		
Channel				22025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.59	21.65	21.66	23	0
3	QPSK	1	8	21.60	21.64	21.62		
3	QPSK	1	14	21.57	21.56	21.54		
3	QPSK	8	0	20.65	20.67	20.71	22	1
3	QPSK	8	4	20.60	20.66	20.59		
3	QPSK	8	7	20.52	20.63	20.61		
3	QPSK	15	0	20.60	20.63	20.53		
3	16QAM	1	0	20.66	20.64	20.59	22	1
3	16QAM	1	8	20.58	20.60	20.60		
3	16QAM	1	14	20.59	20.63	20.56		
3	16QAM	8	0	19.63	19.64	19.72	21	2
3	16QAM	8	4	19.52	19.66	19.55		
3	16QAM	8	7	19.53	19.64	19.62		
3	16QAM	15	0	19.52	19.64	19.51		
3	64QAM	1	0	19.59	19.69	19.73	21	2
3	64QAM	1	8	19.50	19.67	19.65		
3	64QAM	1	14	19.55	19.69	19.55		
3	64QAM	8	0	18.60	18.73	18.74	20	3
3	64QAM	8	4	18.59	18.71	18.56		
3	64QAM	8	7	18.55	18.75	18.64		
3	64QAM	15	0	18.58	18.64	18.59		
3	256QAM	1	0	16.54	16.81	16.75	18	5
3	256QAM	1	8	16.65	16.62	16.54		
3	256QAM	1	14	16.53	16.71	16.60		
3	256QAM	8	0	16.63	16.62	16.64	18	5
3	256QAM	8	4	16.53	16.62	16.63		
3	256QAM	8	7	16.62	16.59	16.69		
3	256QAM	15	0	16.53	16.62	16.50		
Channel				22017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.67	21.66	21.59	23	0
1.4	QPSK	1	3	21.59	21.62	21.55		
1.4	QPSK	1	5	21.58	21.64	21.59		
1.4	QPSK	3	0	21.59	21.58	21.48		
1.4	QPSK	3	1	21.57	21.56	21.47		
1.4	QPSK	3	3	21.46	21.57	21.55		
1.4	QPSK	6	0	20.59	20.70	20.56	22	1
1.4	16QAM	1	0	20.61	20.59	20.63	22	1
1.4	16QAM	1	3	20.58	20.68	20.67		
1.4	16QAM	1	5	20.53	20.60	20.51		
1.4	16QAM	3	0	20.56	20.58	20.51		
1.4	16QAM	3	1	20.54	20.48	20.50		
1.4	16QAM	3	3	20.49	20.66	20.55		
1.4	16QAM	6	0	19.59	19.65	19.54	21	2
1.4	64QAM	1	0	19.56	19.67	19.65	21	2
1.4	64QAM	1	3	19.57	19.62	19.56		
1.4	64QAM	1	5	19.51	19.69	19.60		
1.4	64QAM	3	0	19.57	19.52	19.46		
1.4	64QAM	3	1	19.53	19.59	19.62		
1.4	64QAM	3	3	19.52	19.50	19.47		
1.4	64QAM	6	0	18.58	18.59	18.57	20	3
1.4	256QAM	1	0	16.50	16.79	16.74	18	5
1.4	256QAM	1	3	16.66	16.68	16.61		
1.4	256QAM	1	5	16.51	16.74	16.61		
1.4	256QAM	3	0	16.60	16.62	16.66		
1.4	256QAM	3	1	16.60	16.64	16.54		
1.4	256QAM	3	3	16.55	16.62	16.63		
1.4	256QAM	6	0	16.52	16.61	16.57	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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.92		23	0
10	QPSK	1	25		21.85			
10	QPSK	1	49		21.81			
10	QPSK	25	0		20.97		22	1
10	QPSK	25	12		20.87			
10	QPSK	25	25		20.80			
10	QPSK	50	0		20.88			
10	16QAM	1	0		20.87		22	1
10	16QAM	1	25		20.87			
10	16QAM	1	49		20.75			
10	16QAM	25	0		19.96		21	2
10	16QAM	25	12		19.82			
10	16QAM	25	25		19.77			
10	16QAM	50	0		19.86			
10	64QAM	1	0		19.87		21	2
10	64QAM	1	25		19.88			
10	64QAM	1	49		19.83			
10	64QAM	25	0		19.01		20	3
10	64QAM	25	12		18.92			
10	64QAM	25	25		18.85			
10	64QAM	50	0		18.93			
10	256QAM	1	0		16.98		18	5
10	256QAM	1	25		16.82			
10	256QAM	1	49		16.84			
10	256QAM	25	0		16.85		18	5
10	256QAM	25	12		16.86			
10	256QAM	25	25		16.88			
10	256QAM	50	0		16.70			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.78	21.88	21.79	23	0
5	QPSK	1	12	21.72	21.72	21.76		
5	QPSK	1	24	21.78	21.78	21.78		
5	QPSK	12	0	20.86	20.89	20.84	22	1
5	QPSK	12	7	20.76	20.75	20.74		
5	QPSK	12	13	20.76	20.73	20.74		
5	QPSK	25	0	20.86	20.79	20.80		
5	16QAM	1	0	20.83	20.74	20.82	22	1
5	16QAM	1	12	20.82	20.84	20.79		
5	16QAM	1	24	20.66	20.68	20.71		
5	16QAM	12	0	19.85	19.91	19.90	21	2
5	16QAM	12	7	19.74	19.80	19.75		
5	16QAM	12	13	19.65	19.68	19.71		
5	16QAM	25	0	19.83	19.77	19.72		
5	64QAM	1	0	19.75	19.83	19.82	21	2
5	64QAM	1	12	19.75	19.77	19.79		
5	64QAM	1	24	19.73	19.69	19.75		
5	64QAM	12	0	18.90	18.87	18.97	20	3
5	64QAM	12	7	18.84	18.87	18.82		
5	64QAM	12	13	18.79	18.82	18.82		
5	64QAM	25	0	18.85	18.89	18.82		
5	256QAM	1	0	16.85	16.89	16.91	18	5
5	256QAM	1	12	16.80	16.76	16.76		
5	256QAM	1	24	16.72	16.74	16.71		
5	256QAM	12	0	16.77	16.81	16.75	18	5
5	256QAM	12	7	16.73	16.78	16.78		
5	256QAM	12	13	16.83	16.86	16.74		
5	256QAM	25	0	16.62	16.66	16.67		

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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					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.95		23	0
10	QPSK	1	25		21.91			
10	QPSK	1	49		21.86			
10	QPSK	25	0		20.98		22	1
10	QPSK	25	12		20.85			
10	QPSK	25	25		20.86			
10	QPSK	50	0		20.94			
10	16QAM	1	0		20.92		22	1
10	16QAM	1	25		20.88			
10	16QAM	1	49		20.83			
10	16QAM	25	0		19.98		21	2
10	16QAM	25	12		19.84			
10	16QAM	25	25		19.84			
10	16QAM	50	0		19.89			
10	64QAM	1	0		19.92		21	2
10	64QAM	1	25		19.95			
10	64QAM	1	49		19.85			
10	64QAM	25	0		18.94		20	3
10	64QAM	25	12		18.80			
10	64QAM	25	25		18.89			
10	64QAM	50	0		18.99			
10	256QAM	1	0		16.98		18	5
10	256QAM	1	25		16.87			
10	256QAM	1	49		16.89			
10	256QAM	25	0		16.96		18	5
10	256QAM	25	12		16.96			
10	256QAM	25	25		16.94			
10	256QAM	50	0		16.82			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.89	21.93	21.84	23	0
5	QPSK	1	12	21.83	21.86	21.82		
5	QPSK	1	24	21.78	21.81	21.83		
5	QPSK	12	0	20.85	20.96	20.93	22	1
5	QPSK	12	7	20.79	20.72	20.81		
5	QPSK	12	13	20.79	20.76	20.82		
5	QPSK	25	0	20.90	20.90	20.80		
5	16QAM	1	0	20.82	20.84	20.87	22	1
5	16QAM	1	12	20.86	20.80	20.75		
5	16QAM	1	24	20.79	20.76	20.80		
5	16QAM	12	0	19.88	19.87	19.94	21	2
5	16QAM	12	7	19.77	19.77	19.75		
5	16QAM	12	13	19.81	19.76	19.79		
5	16QAM	25	0	19.84	19.78	19.85		
5	64QAM	1	0	19.87	19.87	19.80	21	2
5	64QAM	1	12	19.90	19.92	19.87		
5	64QAM	1	24	19.80	19.73	19.72		
5	64QAM	12	0	18.83	18.83	18.91	20	3
5	64QAM	12	7	18.72	18.76	18.69		
5	64QAM	12	13	18.76	18.80	18.82		
5	64QAM	25	0	18.95	18.97	18.95		
5	256QAM	1	0	16.91	16.86	16.88	18	5
5	256QAM	1	12	16.82	16.74	16.78		
5	256QAM	1	24	16.86	16.76	16.78		
5	256QAM	12	0	16.85	16.87	16.90	18	5
5	256QAM	12	7	16.93	16.94	16.94		
5	256QAM	12	13	16.92	16.84	16.86		
5	256QAM	25	0	16.71	16.73	16.75		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23760	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.67	21.70	21.62	23	0
10	QPSK	1	25	21.59	21.67	21.63		
10	QPSK	1	49	21.57	21.62	21.53		
10	QPSK	25	0	20.58	20.75	20.67	22	1
10	QPSK	25	12	20.63	20.70	20.57		
10	QPSK	25	25	20.47	20.71	20.64		
10	QPSK	50	0	20.60	20.69	20.62		
10	16QAM	1	0	20.56	20.58	20.55	22	1
10	16QAM	1	25	20.56	20.64	20.66		
10	16QAM	1	49	20.56	20.65	20.55		
10	16QAM	25	0	19.55	19.70	19.62	21	2
10	16QAM	25	12	19.58	19.64	19.51		
10	16QAM	25	25	19.61	19.73	19.72		
10	16QAM	50	0	19.63	19.71	19.56		
10	64QAM	1	0	19.64	19.66	19.74	21	2
10	64QAM	1	25	19.53	19.63	19.62		
10	64QAM	1	49	19.52	19.67	19.54		
10	64QAM	25	0	18.59	18.66	18.69	20	3
10	64QAM	25	12	18.58	18.71	18.57		
10	64QAM	25	25	18.52	18.71	18.59		
10	64QAM	50	0	18.59	18.58	18.62		
10	256QAM	1	0	16.54	16.79	16.66	18	5
10	256QAM	1	25	16.59	16.65	16.54		
10	256QAM	1	49	16.47	16.70	16.68		
10	256QAM	25	0	16.63	16.68	16.66	18	5
10	256QAM	25	12	16.52	16.63	16.55		
10	256QAM	25	25	16.63	16.60	16.62		
10	256QAM	50	0	16.56	16.60	16.48		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.61	21.64	21.53	23	0
5	QPSK	1	12	21.49	21.54	21.57		
5	QPSK	1	24	21.46	21.57	21.44		
5	QPSK	12	0	20.51	20.66	20.55	22	1
5	QPSK	12	7	20.59	20.63	20.52		
5	QPSK	12	13	20.45	20.64	20.56		
5	QPSK	25	0	20.56	20.65	20.49		
5	16QAM	1	0	20.44	20.47	20.50	22	1
5	16QAM	1	12	20.53	20.59	20.60		
5	16QAM	1	24	20.44	20.58	20.51		
5	16QAM	12	0	19.43	19.59	19.50	21	2
5	16QAM	12	7	19.51	19.61	19.44		
5	16QAM	12	13	19.57	19.71	19.58		
5	16QAM	25	0	19.58	19.58	19.43		
5	64QAM	1	0	19.51	19.58	19.70	21	2
5	64QAM	1	12	19.45	19.52	19.50		
5	64QAM	1	24	19.46	19.62	19.41		
5	64QAM	12	0	18.47	18.62	18.65	20	3
5	64QAM	12	7	18.46	18.69	18.43		
5	64QAM	12	13	18.43	18.62	18.51		
5	64QAM	25	0	18.55	18.50	18.60		
5	256QAM	1	0	16.41	16.77	16.64	18	5
5	256QAM	1	12	16.46	16.57	16.46		
5	256QAM	1	24	16.38	16.64	16.59		
5	256QAM	12	0	16.60	16.62	16.55	18	5
5	256QAM	12	7	16.45	16.52	16.45		
5	256QAM	12	13	16.61	16.55	16.57		
5	256QAM	25	0	16.46	16.55	16.37		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.72	18.89	18.78	19.7	0
20	QPSK	1	49	18.79	18.82	18.77		
20	QPSK	1	99	18.74	18.81	18.72		
20	QPSK	50	0	18.76	18.88	18.69	19.7	0
20	QPSK	50	24	18.70	18.73	18.85		
20	QPSK	50	50	18.65	18.73	18.67		
20	QPSK	100	0	18.74	18.81	18.68		
20	16QAM	1	0	18.76	18.84	18.79	19.7	0
20	16QAM	1	49	18.78	18.87	18.73		
20	16QAM	1	99	18.67	18.64	18.60		
20	16QAM	50	0	18.79	18.82	18.76	19.7	0
20	16QAM	50	24	18.77	18.82	18.71		
20	16QAM	50	50	18.71	18.81	18.71		
20	16QAM	100	0	18.83	18.82	18.59		
20	64QAM	1	0	18.80	18.80	18.75	19.7	0
20	64QAM	1	49	18.87	18.79	18.78		
20	64QAM	1	99	18.65	18.71	18.70		
20	64QAM	50	0	18.78	18.82	18.84	19.7	0
20	64QAM	50	24	18.79	18.84	18.84		
20	64QAM	50	50	18.61	18.78	18.68		
20	64QAM	100	0	18.83	18.83	18.80		
20	256QAM	1	0	17.73	17.75	17.71	19	0.7
20	256QAM	1	49	17.65	17.71	17.73		
20	256QAM	1	99	17.61	17.62	17.69		
20	256QAM	50	0	17.75	17.65	17.61	19	0.7
20	256QAM	50	24	17.76	17.64	17.66		
20	256QAM	50	50	17.63	17.66	17.74		
20	256QAM	100	0	17.49	17.60	17.62		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.69	18.81	18.72	19.7	0
15	QPSK	1	37	18.80	18.84	18.73		
15	QPSK	1	74	18.74	18.81	18.69		
15	QPSK	36	0	18.68	18.84	18.72	19.7	0
15	QPSK	36	20	18.66	18.66	18.85		
15	QPSK	36	39	18.64	18.70	18.69		
15	QPSK	75	0	18.75	18.77	18.63		
15	16QAM	1	0	18.77	18.77	18.78	19.7	0
15	16QAM	1	37	18.72	18.80	18.75		
15	16QAM	1	74	18.66	18.67	18.56		
15	16QAM	36	0	18.70	18.79	18.69	19.7	0
15	16QAM	36	20	18.74	18.77	18.71		
15	16QAM	36	39	18.71	18.72	18.71		
15	16QAM	75	0	18.85	18.84	18.51		
15	64QAM	1	0	18.76	18.81	18.71	19.7	0
15	64QAM	1	37	18.82	18.74	18.79		
15	64QAM	1	74	18.63	18.70	18.67		
15	64QAM	36	0	18.81	18.77	18.75	19.7	0
15	64QAM	36	20	18.72	18.82	18.86		
15	64QAM	36	39	18.61	18.78	18.62		
15	64QAM	75	0	18.78	18.84	18.79		
15	256QAM	1	0	17.70	17.65	17.58	19	0.7
15	256QAM	1	37	17.57	17.58	17.63		
15	256QAM	1	74	17.52	17.57	17.63		
15	256QAM	36	0	17.67	17.54	17.54	19	0.7
15	256QAM	36	20	17.65	17.61	17.63		
15	256QAM	36	39	17.57	17.60	17.66		
15	256QAM	75	0	17.35	17.50	17.52		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.73	18.87	18.78	19.7	0
10	QPSK	1	25	18.71	18.74	18.74		
10	QPSK	1	49	18.74	18.75	18.73		
10	QPSK	25	0	18.76	18.82	18.60	19.7	0
10	QPSK	25	12	18.65	18.71	18.81		
10	QPSK	25	25	18.57	18.71	18.59		
10	QPSK	50	0	18.72	18.79	18.66		
10	16QAM	1	0	18.75	18.80	18.81	19.7	0
10	16QAM	1	25	18.78	18.86	18.72		
10	16QAM	1	49	18.67	18.63	18.60		
10	16QAM	25	0	18.72	18.84	18.71	19.7	0
10	16QAM	25	12	18.69	18.76	18.63		
10	16QAM	25	25	18.65	18.73	18.63		
10	16QAM	50	0	18.85	18.74	18.50		
10	64QAM	1	0	18.77	18.76	18.71	19.7	0
10	64QAM	1	25	18.79	18.70	18.77		
10	64QAM	1	49	18.67	18.62	18.61		
10	64QAM	25	0	18.78	18.74	18.82	19.7	0
10	64QAM	25	12	18.72	18.78	18.85		
10	64QAM	25	25	18.62	18.79	18.60		
10	64QAM	50	0	18.85	18.81	18.77		
10	256QAM	1	0	17.60	17.61	17.65	19	0.7
10	256QAM	1	25	17.51	17.60	17.65		
10	256QAM	1	49	17.52	17.58	17.59		
10	256QAM	25	0	17.61	17.59	17.56	19	0.7
10	256QAM	25	12	17.69	17.57	17.60		
10	256QAM	25	25	17.58	17.54	17.72		
10	256QAM	50	0	17.40	17.57	17.50		
Channel				26050	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.75	18.88	18.75	19.7	0
5	QPSK	1	12	18.77	18.83	18.75		
5	QPSK	1	24	18.72	18.72	18.66		
5	QPSK	12	0	18.71	18.86	18.72	19.7	0
5	QPSK	12	7	18.67	18.64	18.76		
5	QPSK	12	13	18.66	18.70	18.64		
5	QPSK	25	0	18.71	18.73	18.61		
5	16QAM	1	0	18.76	18.77	18.72	19.7	0
5	16QAM	1	12	18.74	18.87	18.65		
5	16QAM	1	24	18.67	18.64	18.63		
5	16QAM	12	0	18.80	18.76	18.75	19.7	0
5	16QAM	12	7	18.70	18.81	18.72		
5	16QAM	12	13	18.65	18.83	18.71		
5	16QAM	25	0	18.85	18.82	18.53		
5	64QAM	1	0	18.79	18.79	18.73	19.7	0
5	64QAM	1	12	18.80	18.80	18.78		
5	64QAM	1	24	18.65	18.68	18.69		
5	64QAM	12	0	18.71	18.73	18.81	19.7	0
5	64QAM	12	7	18.79	18.80	18.85		
5	64QAM	12	13	18.61	18.70	18.67		
5	64QAM	25	0	18.81	18.83	18.77		
5	256QAM	1	0	17.63	17.70	17.65	19	0.7
5	256QAM	1	12	17.61	17.64	17.59		
5	256QAM	1	24	17.54	17.58	17.58		
5	256QAM	12	0	17.65	17.62	17.48	19	0.7
5	256QAM	12	7	17.70	17.54	17.58		
5	256QAM	12	13	17.52	17.57	17.72		
5	256QAM	25	0	17.40	17.56	17.50		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.74	18.88	18.79	19.7	0
3	QPSK	1	8	18.78	18.82	18.78		
3	QPSK	1	14	18.72	18.80	18.68		
3	QPSK	8	0	18.68	18.81	18.61	19.7	0
3	QPSK	8	4	18.70	18.73	18.79		
3	QPSK	8	7	18.56	18.76	18.66		
3	QPSK	15	0	18.76	18.79	18.60		
3	16QAM	1	0	18.71	18.85	18.78	19.7	0
3	16QAM	1	8	18.74	18.83	18.68		
3	16QAM	1	14	18.69	18.65	18.60		
3	16QAM	8	0	18.73	18.83	18.70	19.7	0
3	16QAM	8	4	18.76	18.82	18.67		
3	16QAM	8	7	18.71	18.81	18.67		
3	16QAM	15	0	18.79	18.74	18.58		
3	64QAM	1	0	18.81	18.77	18.75	19.7	0
3	64QAM	1	8	18.89	18.82	18.80		
3	64QAM	1	14	18.68	18.70	18.70		
3	64QAM	8	0	18.78	18.74	18.79	19.7	0
3	64QAM	8	4	18.80	18.84	18.77		
3	64QAM	8	7	18.54	18.72	18.64		
3	64QAM	15	0	18.76	18.80	18.80		
3	256QAM	1	0	17.70	17.67	17.69	19	0.7
3	256QAM	1	8	17.58	17.63	17.64		
3	256QAM	1	14	17.54	17.52	17.56		
3	256QAM	8	0	17.69	17.52	17.57	19	0.7
3	256QAM	8	4	17.67	17.60	17.60		
3	256QAM	8	7	17.52	17.61	17.64		
3	256QAM	15	0	17.37	17.46	17.55		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.71	18.86	18.77	19.7	0
1.4	QPSK	1	3	18.77	18.80	18.71		
1.4	QPSK	1	5	18.72	18.80	18.67		
1.4	QPSK	3	0	18.75	18.86	18.71		
1.4	QPSK	3	1	18.63	18.76	18.84		
1.4	QPSK	3	3	18.68	18.67	18.66		
1.4	QPSK	6	0	18.75	18.74	18.64	19.7	0
1.4	16QAM	1	0	18.72	18.86	18.75	19.7	0
1.4	16QAM	1	3	18.78	18.80	18.74		
1.4	16QAM	1	5	18.65	18.57	18.62		
1.4	16QAM	3	0	18.76	18.80	18.76		
1.4	16QAM	3	1	18.75	18.81	18.68		
1.4	16QAM	3	3	18.68	18.73	18.62		
1.4	16QAM	6	0	18.77	18.78	18.59	19.7	0
1.4	64QAM	1	0	18.81	18.74	18.72	19.7	0
1.4	64QAM	1	3	18.80	18.71	18.74		
1.4	64QAM	1	5	18.66	18.70	18.70		
1.4	64QAM	3	0	18.74	18.76	18.80		
1.4	64QAM	3	1	18.75	18.76	18.82		
1.4	64QAM	3	3	18.53	18.73	18.59		
1.4	64QAM	6	0	18.80	18.80	18.80	19.7	0
1.4	256QAM	1	0	17.61	17.68	17.69	19	0.7
1.4	256QAM	1	3	17.55	17.67	17.60		
1.4	256QAM	1	5	17.52	17.55	17.65		
1.4	256QAM	3	0	17.66	17.60	17.57		
1.4	256QAM	3	1	17.69	17.51	17.61		
1.4	256QAM	3	3	17.52	17.54	17.61		
1.4	256QAM	6	0	17.38	17.47	17.53	19	0.7

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BW [MHz]	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	21.76	21.92	21.81	23	0
15	QPSK	1	37	21.70	21.83	21.70		
15	QPSK	1	74	21.71	21.73	21.83		
15	QPSK	36	0	20.75	20.95	20.89	22	1
15	QPSK	36	20	20.67	20.77	20.70		
15	QPSK	36	39	20.78	20.67	20.84		
15	QPSK	75	0	20.78	20.80	20.77		
15	16QAM	1	0	20.72	20.86	20.84	22	1
15	16QAM	1	37	20.68	20.87	20.65		
15	16QAM	1	74	20.83	20.75	20.87		
15	16QAM	36	0	19.85	19.94	19.81	21	2
15	16QAM	36	20	19.71	19.74	19.67		
15	16QAM	36	39	19.79	19.71	19.85		
15	16QAM	75	0	19.74	19.80	19.82		
15	64QAM	1	0	19.73	19.93	19.84	21	2
15	64QAM	1	37	19.68	19.79	19.74		
15	64QAM	1	74	19.78	19.75	19.83		
15	64QAM	36	0	18.71	18.87	18.85	20	3
15	64QAM	36	20	18.72	18.70	18.71		
15	64QAM	36	39	18.77	18.62	18.80		
15	64QAM	75	0	18.71	18.78	18.83		
15	256QAM	1	0	16.73	16.93	16.80	18	5
15	256QAM	1	37	16.70	16.85	16.61		
15	256QAM	1	74	16.82	16.68	16.75		
15	256QAM	36	0	16.81	16.84	16.84	18	5
15	256QAM	36	20	16.79	16.82	16.85		
15	256QAM	36	39	16.73	16.83	16.68		
15	256QAM	75	0	16.81	16.73	16.86		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.71	21.87	21.79	23	0
10	QPSK	1	25	21.61	21.79	21.58		
10	QPSK	1	49	21.67	21.65	21.71		
10	QPSK	25	0	20.70	20.82	20.79	22	1
10	QPSK	25	12	20.64	20.70	20.57		
10	QPSK	25	25	20.75	20.57	20.81		
10	QPSK	50	0	20.75	20.72	20.73		
10	16QAM	1	0	20.62	20.73	20.78	22	1
10	16QAM	1	25	20.54	20.76	20.61		
10	16QAM	1	49	20.71	20.68	20.75		
10	16QAM	25	0	19.80	19.81	19.73	21	2
10	16QAM	25	12	19.67	19.61	19.56		
10	16QAM	25	25	19.68	19.64	19.72		
10	16QAM	50	0	19.65	19.78	19.77		
10	64QAM	1	0	19.61	19.86	19.82	21	2
10	64QAM	1	25	19.62	19.75	19.60		
10	64QAM	1	49	19.74	19.66	19.73		
10	64QAM	25	0	18.61	18.84	18.83	20	3
10	64QAM	25	12	18.58	18.61	18.62		
10	64QAM	25	25	18.64	18.54	18.68		
10	64QAM	50	0	18.60	18.71	18.70		
10	256QAM	1	0	16.67	16.84	16.75	18	5
10	256QAM	1	25	16.66	16.77	16.50		
10	256QAM	1	49	16.70	16.58	16.73		
10	256QAM	25	0	16.69	16.81	16.80	18	5
10	256QAM	25	12	16.69	16.79	16.78		
10	256QAM	25	25	16.64	16.80	16.63		
10	256QAM	50	0	16.71	16.68	16.74		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.65	21.83	21.71	23	0
5	QPSK	1	12	21.66	21.80	21.61		
5	QPSK	1	24	21.67	21.65	21.78		
5	QPSK	12	0	20.66	20.85	20.86	22	1
5	QPSK	12	7	20.55	20.73	20.61		
5	QPSK	12	13	20.75	20.54	20.72		
5	QPSK	25	0	20.75	20.78	20.67		
5	16QAM	1	0	20.64	20.82	20.70	22	1
5	16QAM	1	12	20.58	20.74	20.62		
5	16QAM	1	24	20.77	20.63	20.85		
5	16QAM	12	0	19.81	19.88	19.70	21	2
5	16QAM	12	7	19.59	19.67	19.58		
5	16QAM	12	13	19.72	19.69	19.83		
5	16QAM	25	0	19.63	19.76	19.70		
5	64QAM	1	0	19.60	19.85	19.81	21	2
5	64QAM	1	12	19.60	19.70	19.63		
5	64QAM	1	24	19.69	19.63	19.75		
5	64QAM	12	0	18.61	18.81	18.83	20	3
5	64QAM	12	7	18.63	18.60	18.67		
5	64QAM	12	13	18.75	18.49	18.71		
5	64QAM	25	0	18.60	18.65	18.72		
5	256QAM	1	0	16.65	16.88	16.78	18	5
5	256QAM	1	12	16.58	16.76	16.50		
5	256QAM	1	24	16.76	16.60	16.72		
5	256QAM	12	0	16.70	16.70	16.81	18	5
5	256QAM	12	7	16.74	16.71	16.79		
5	256QAM	12	13	16.61	16.71	16.56		
5	256QAM	25	0	16.70	16.65	16.77		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.67	21.81	21.78	23	0
3	QPSK	1	8	21.66	21.72	21.65		
3	QPSK	1	14	21.61	21.61	21.72		
3	QPSK	8	0	20.66	20.85	20.87	22	1
3	QPSK	8	4	20.64	20.74	20.62		
3	QPSK	8	7	20.67	20.62	20.75		
3	QPSK	15	0	20.72	20.71	20.71		
3	16QAM	1	0	20.68	20.74	20.72	22	1
3	16QAM	1	8	20.58	20.85	20.53		
3	16QAM	1	14	20.75	20.67	20.74		
3	16QAM	8	0	19.74	19.81	19.76	21	2
3	16QAM	8	4	19.67	19.68	19.63		
3	16QAM	8	7	19.72	19.68	19.81		
3	16QAM	15	0	19.61	19.69	19.71		
3	64QAM	1	0	19.61	19.88	19.79	21	2
3	64QAM	1	8	19.60	19.70	19.67		
3	64QAM	1	14	19.74	19.62	19.80		
3	64QAM	8	0	18.63	18.77	18.74	20	3
3	64QAM	8	4	18.64	18.64	18.64		
3	64QAM	8	7	18.70	18.57	18.71		
3	64QAM	15	0	18.65	18.66	18.70		
3	256QAM	1	0	16.60	16.83	16.75	18	5
3	256QAM	1	8	16.64	16.79	16.54		
3	256QAM	1	14	16.71	16.65	16.64		
3	256QAM	8	0	16.69	16.75	16.72	18	5
3	256QAM	8	4	16.69	16.77	16.81		
3	256QAM	8	7	16.65	16.72	16.58		
3	256QAM	15	0	16.74	16.68	16.73		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.66	21.79	21.73	23	0
1.4	QPSK	1	3	21.58	21.69	21.58		
1.4	QPSK	1	5	21.61	21.59	21.78		
1.4	QPSK	3	0	21.61	21.67	21.66		
1.4	QPSK	3	1	21.44	21.62	21.45		
1.4	QPSK	3	3	21.47	21.52	21.68		
1.4	QPSK	6	0	20.72	20.70	20.71	22	1
1.4	16QAM	1	0	20.63	20.81	20.78	22	1
1.4	16QAM	1	3	20.55	20.74	20.51		
1.4	16QAM	1	5	20.78	20.69	20.75		
1.4	16QAM	3	0	20.67	20.61	20.62		
1.4	16QAM	3	1	20.52	20.75	20.74		
1.4	16QAM	3	3	20.46	20.70	20.45		
1.4	16QAM	6	0	19.65	19.70	19.69	21	2
1.4	64QAM	1	0	19.68	19.87	19.78	21	2
1.4	64QAM	1	3	19.55	19.76	19.60		
1.4	64QAM	1	5	19.69	19.65	19.71		
1.4	64QAM	3	0	19.58	19.58	19.56		
1.4	64QAM	3	1	19.65	19.84	19.68		
1.4	64QAM	3	3	19.43	19.68	19.49		
1.4	64QAM	6	0	18.58	18.65	18.80	20	3
1.4	256QAM	1	0	16.68	16.79	16.71	18	5
1.4	256QAM	1	3	16.58	16.73	16.55		
1.4	256QAM	1	5	16.77	16.58	16.65		
1.4	256QAM	3	0	16.74	16.71	16.72		
1.4	256QAM	3	1	16.68	16.78	16.72		
1.4	256QAM	3	3	16.60	16.75	16.62		
1.4	256QAM	6	0	16.73	16.60	16.75	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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		19.18		20.4	0
10	QPSK	1	25		19.15			
10	QPSK	1	49		19.12			
10	QPSK	25	0		19.16		20.4	0
10	QPSK	25	12		19.03			
10	QPSK	25	25		19.08			
10	QPSK	50	0		19.10			
10	16QAM	1	0		19.05		20.4	0
10	16QAM	1	25		19.06			
10	16QAM	1	49		19.05			
10	16QAM	25	0		19.02		20.4	0
10	16QAM	25	12		18.97			
10	16QAM	25	25		19.03			
10	16QAM	50	0		19.07			
10	64QAM	1	0		19.14		20.4	0
10	64QAM	1	25		19.01			
10	64QAM	1	49		18.99			
10	64QAM	25	0		19.09		20.4	0
10	64QAM	25	12		18.90			
10	64QAM	25	25		18.96			
10	64QAM	50	0		19.05			
10	256QAM	1	0		17.73		19	1.4
10	256QAM	1	25		17.70			
10	256QAM	1	49		17.68			
10	256QAM	25	0		17.78		19	1.4
10	256QAM	25	12		17.61			
10	256QAM	25	25		17.66			
10	256QAM	50	0		17.65			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	19.06	19.10	19.04	20.4	0
5	QPSK	1	12	19.09	19.11	19.13		
5	QPSK	1	24	19.00	19.10	19.00		
5	QPSK	12	0	19.14	19.08	19.12	20.4	0
5	QPSK	12	7	18.98	18.96	19.01		
5	QPSK	12	13	18.98	19.04	19.04		
5	QPSK	25	0	18.99	18.98	19.06		
5	16QAM	1	0	18.95	18.94	18.98	20.4	0
5	16QAM	1	12	18.99	18.97	18.95		
5	16QAM	1	24	18.95	19.01	19.01		
5	16QAM	12	0	19.00	19.00	18.90	20.4	0
5	16QAM	12	7	18.93	18.86	18.90		
5	16QAM	12	13	18.96	18.91	18.98		
5	16QAM	25	0	19.03	18.98	19.01		
5	64QAM	1	0	19.08	19.08	19.02	20.4	0
5	64QAM	1	12	18.87	18.94	18.94		
5	64QAM	1	24	18.86	18.85	18.90		
5	64QAM	12	0	19.02	18.99	19.06	20.4	0
5	64QAM

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BW [MHz]	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	18.62	18.74	18.67	19.9	0
20	QPSK	1	49	18.55	18.66	18.51		
20	QPSK	1	99	18.64	18.59	18.64		
20	QPSK	50	0	18.61	18.72	18.54	19.9	0
20	QPSK	50	24	18.63	18.64	18.59		
20	QPSK	50	50	18.67	18.63	18.63		
20	QPSK	100	0	18.68	18.72	18.65		
20	16QAM	1	0	18.70	18.66	18.60	19.9	0
20	16QAM	1	49	18.62	18.60	18.52		
20	16QAM	1	99	18.59	18.62	18.51		
20	16QAM	50	0	18.69	18.73	18.66	19.9	0
20	16QAM	50	24	18.62	18.61	18.59		
20	16QAM	50	50	18.72	18.59	18.61		
20	16QAM	100	0	18.70	18.69	18.67		
20	64QAM	1	0	18.72	18.68	18.67	19.9	0
20	64QAM	1	49	18.57	18.66	18.49		
20	64QAM	1	99	18.57	18.68	18.61		
20	64QAM	50	0	18.66	18.69	18.61	19.9	0
20	64QAM	50	24	18.70	18.69	18.69		
20	64QAM	50	50	18.59	18.64	18.63		
20	64QAM	100	0	18.72	18.70	18.62		
20	256QAM	1	0	18.08	18.21	17.96	19	0.9
20	256QAM	1	49	18.13	17.97	17.94		
20	256QAM	1	99	18.07	18.13	18.04		
20	256QAM	50	0	18.07	18.08	18.09	19	0.9
20	256QAM	50	24	18.09	18.07	18.13		
20	256QAM	50	50	17.90	17.96	17.98		
20	256QAM	100	0	17.93	17.97	18.01		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.60	18.69	18.63	19.9	0
15	QPSK	1	37	18.55	18.65	18.43		
15	QPSK	1	74	18.57	18.60	18.64		
15	QPSK	36	0	18.60	18.68	18.54	19.9	0
15	QPSK	36	20	18.64	18.63	18.60		
15	QPSK	36	39	18.66	18.60	18.65		
15	QPSK	75	0	18.67	18.74	18.62		
15	16QAM	1	0	18.67	18.67	18.61	19.9	0
15	16QAM	1	37	18.56	18.54	18.52		
15	16QAM	1	74	18.57	18.56	18.42		
15	16QAM	36	0	18.71	18.74	18.64	19.9	0
15	16QAM	36	20	18.63	18.58	18.58		
15	16QAM	36	39	18.64	18.51	18.61		
15	16QAM	75	0	18.69	18.68	18.68		
15	64QAM	1	0	18.67	18.72	18.65	19.9	0
15	64QAM	1	37	18.57	18.65	18.52		
15	64QAM	1	74	18.54	18.59	18.54		
15	64QAM	36	0	18.67	18.62	18.57	19.9	0
15	64QAM	36	20	18.67	18.60	18.66		
15	64QAM	36	39	18.54	18.55	18.62		
15	64QAM	75	0	18.66	18.73	18.57		
15	256QAM	1	0	18.00	18.15	17.89	19	0.9
15	256QAM	1	37	18.09	17.89	17.83		
15	256QAM	1	74	17.95	18.02	18.00		
15	256QAM	36	0	17.94	18.02	18.02	19	0.9
15	256QAM	36	20	17.95	17.93	18.00		
15	256QAM	36	39	17.81	17.84	17.86		
15	256QAM	75	0	17.81	17.89	17.98		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.56	18.71	18.67	19.9	0
10	QPSK	1	25	18.56	18.64	18.49		
10	QPSK	1	49	18.60	18.52	18.56		
10	QPSK	25	0	18.54	18.68	18.46	19.9	0
10	QPSK	25	12	18.58	18.62	18.57		
10	QPSK	25	25	18.63	18.57	18.58		
10	QPSK	50	0	18.65	18.69	18.63		
10	16QAM	1	0	18.63	18.58	18.53	19.9	0
10	16QAM	1	25	18.63	18.58	18.46		
10	16QAM	1	49	18.59	18.58	18.44		
10	16QAM	25	0	18.69	18.72	18.68	19.9	0
10	16QAM	25	12	18.62	18.64	18.55		
10	16QAM	25	25	18.64	18.56	18.60		
10	16QAM	50	0	18.71	18.69	18.67		
10	64QAM	1	0	18.63	18.67	18.59	19.9	0
10	64QAM	1	25	18.58	18.59	18.46		
10	64QAM	1	49	18.59	18.69	18.55		
10	64QAM	25	0	18.59	18.66	18.56	19.9	0
10	64QAM	25	12	18.70	18.67	18.69		
10	64QAM	25	25	18.61	18.59	18.61		
10	64QAM	50	0	18.64	18.71	18.64		
10	256QAM	1	0	18.02	18.10	17.91	19	0.9
10	256QAM	1	25	18.08	17.88	17.86		
10	256QAM	1	49	17.97	17.99	17.95		
10	256QAM	25	0	17.98	18.00	18.07	19	0.9
10	256QAM	25	12	17.97	18.04	18.07		
10	256QAM	25	25	17.80	17.85	17.89		
10	256QAM	50	0	17.88	17.90	17.93		
Channel				131972	132322	132447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.58	18.67	18.70	19.9	0
5	QPSK	1	12	18.57	18.67	18.43		
5	QPSK	1	24	18.65	18.57	18.59		
5	QPSK	12	0	18.64	18.74	18.55	19.9	0
5	QPSK	12	7	18.56	18.66	18.57		
5	QPSK	12	13	18.65	18.60	18.64		
5	QPSK	25	0	18.70	18.67	18.64		
5	16QAM	1	0	18.67	18.58	18.59	19.9	0
5	16QAM	1	12	18.58	18.55	18.49		
5	16QAM	1	24	18.51	18.60	18.45		
5	16QAM	12	0	18.65	18.66	18.71	19.9	0
5	16QAM	12	7	18.60	18.55	18.56		
5	16QAM	12	13	18.72	18.57	18.62		
5	16QAM	25	0	18.68	18.68	18.66		
5	64QAM	1	0	18.63	18.72	18.62	19.9	0
5	64QAM	1	12	18.58	18.66	18.41		
5	64QAM	1	24	18.53	18.65	18.64		
5	64QAM	12	0	18.64	18.65	18.60	19.9	0
5	64QAM	12	7	18.63	18.69	18.61		
5	64QAM	12	13	18.54	18.59	18.57		
5	64QAM	25	0	18.65	18.67	18.55		
5	256QAM	1	0	18.05	18.12	17.90	19	0.9
5	256QAM	1	12	18.04	17.83	17.89		
5	256QAM	1	24	17.98	18.10	17.93		
5	256QAM	12	0	17.97	18.00	18.03	19	0.9
5	256QAM	12	7	18.03	18.01	18.10		
5	256QAM	12	13	17.80	17.91	17.96		
5	256QAM	25	0	17.90	17.91	17.98		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.62	18.71	18.69	19.9	0
3	QPSK	1	8	18.58	18.58	18.46		
3	QPSK	1	14	18.66	18.54	18.61		
3	QPSK	8	0	18.59	18.67	18.51	19.9	0
3	QPSK	8	4	18.61	18.57	18.57		
3	QPSK	8	7	18.59	18.58	18.54		
3	QPSK	15	0	18.63	18.64	18.65		
3	16QAM	1	0	18.61	18.69	18.57	19.9	0
3	16QAM	1	8	18.58	18.52	18.54		
3	16QAM	1	14	18.54	18.58	18.43		
3	16QAM	8	0	18.63	18.71	18.66	19.9	0
3	16QAM	8	4	18.60	18.59	18.52		
3	16QAM	8	7	18.64	18.56	18.59		
3	16QAM	15	0	18.62	18.70	18.69		
3	64QAM	1	0	18.63	18.74	18.60	19.9	0
3	64QAM	1	8	18.55	18.61	18.42		
3	64QAM	1	14	18.58	18.59	18.56		
3	64QAM	8	0	18.61	18.60	18.55	19.9	0
3	64QAM	8	4	18.64	18.69	18.71		
3	64QAM	8	7	18.57	18.58	18.59		
3	64QAM	15	0	18.69	18.66	18.60		
3	256QAM	1	0	17.96	18.14	17.91	19	0.9
3	256QAM	1	8	18.07	17.92	17.90		
3	256QAM	1	14	17.96	18.00	17.95		
3	256QAM	8	0	17.93	17.94	18.02	19	0.9
3	256QAM	8	4	17.97	17.96	18.10		
3	256QAM	8	7	17.87	17.89	17.84		
3	256QAM	15	0	17.83	17.87	17.94		
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	19.9	0
1.4	QPSK	1	3	18.50	18.59	18.46		
1.4	QPSK	1	5	18.64	18.50	18.61		
1.4	QPSK	3	0	18.57	18.71	18.53		
1.4	QPSK	3	1	18.65	18.64	18.53		
1.4	QPSK	3	3	18.68	18.65	18.55		
1.4	QPSK	6	0	18.68	18.64	18.59	19.9	0
1.4	16QAM	1	0	18.68	18.66	18.54	19.9	0
1.4	16QAM	1	3	18.64	18.61	18.45		
1.4	16QAM	1	5	18.54	18.65	18.47		
1.4	16QAM	3	0	18.69	18.66	18.66		
1.4	16QAM	3	1	18.55	18.63	18.59		
1.4	16QAM	3	3	18.70	18.61	18.57		
1.4	16QAM	6	0	18.70	18.65	18.65	19.9	0
1.4	64QAM	1	0	18.71	18.67	18.69	19.9	0
1.4	64QAM	1	3	18.51	18.60	18.47		
1.4	64QAM	1	5	18.59	18.64	18.55		
1.4	64QAM	3	0	18.60	18.68	18.63		
1.4	64QAM	3	1	18.68	18.70	18.69		
1.4	64QAM	3	3	18.58	18.65	18.61		
1.4	64QAM	6	0	18.73	18.72	18.53	19.9	0
1.4	256QAM	1	0	18.00	18.13	17.87	19	0.9
1.4	256QAM	1	3	18.01	17.93	17.89		
1.4	256QAM	1	5	17.95	18.04	17.97		
1.4	256QAM	3	0	18.03	18.01	17.99		
1.4	256QAM	3	1	18.07	18.00	18.07		
1.4	256QAM	3	3	17.81	17.83	17.96		
1.4	256QAM	6	0	17.82	17.87	17.90	19	0.9

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.11	22.13	22.12	23	0
20	QPSK	1	49	22.05	22.08	22.02		
20	QPSK	1	99	22.04	22.02	22.04		
20	QPSK	50	0	21.07	21.18	21.08	22	1
20	QPSK	50	24	21.10	21.10	21.03		
20	QPSK	50	50	21.02	21.01	21.02		
20	QPSK	100	0	21.09	21.14	21.11		
20	16QAM	1	0	21.07	21.10	21.07	22	1
20	16QAM	1	49	21.03	21.14	20.99		
20	16QAM	1	99	21.00	21.05	21.08		
20	16QAM	50	0	20.11	20.13	20.02	21	2
20	16QAM	50	24	20.04	20.15	20.06		
20	16QAM	50	50	20.06	20.02	20.07		
20	16QAM	100	0	20.15	20.16	20.13		
20	64QAM	1	0	20.17	20.15	20.14	21	2
20	64QAM	1	49	20.07	20.12	19.96		
20	64QAM	1	99	20.10	19.99	20.06		
20	64QAM	50	0	19.10	19.22	19.13	20	3
20	64QAM	50	24	19.08	19.07	19.06		
20	64QAM	50	50	18.99	19.06	19.05		
20	64QAM	100	0	19.10	19.18	19.13		
20	256QAM	1	0	17.10	17.21	17.07	18	5
20	256QAM	1	49	17.16	17.14	17.05		
20	256QAM	1	99	17.00	16.96	17.03		
20	256QAM	50	0	17.11	17.16	17.16	18	5
20	256QAM	50	24	17.03	17.05	17.02		
20	256QAM	50	50	16.98	17.18	16.98		
20	256QAM	100	0	17.02	17.10	17.05		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.98	22.10	22.01	23	0
15	QPSK	1	37	22.01	21.96	21.89		
15	QPSK	1	74	21.98	21.96	21.90		
15	QPSK	36	0	20.94	21.10	21.00	22	1
15	QPSK	36	20	21.03	21.01	20.97		
15	QPSK	36	39	20.93	20.94	20.92		
15	QPSK	75	0	21.02	21.01	20.97		
15	16QAM	1	0	21.05	21.03	21.02	22	1
15	16QAM	1	37	21.01	21.07	20.92		
15	16QAM	1	74	20.90	20.94	21.05		
15	16QAM	36	0	20.04	20.00	19.95	21	2
15	16QAM	36	20	19.98	20.07	20.04		
15	16QAM	36	39	20.03	19.95	20.02		
15	16QAM	75	0	20.02	20.05	19.99		
15	64QAM	1	0	20.11	20.11	20.01	21	2
15	64QAM	1	37	19.96	20.08	19.93		
15	64QAM	1	74	20.03	19.96	20.01		
15	64QAM	36	0	19.07	19.16	19.07	20	3
15	64QAM	36	20	19.04	18.98	18.94		
15	64QAM	36	39	18.87	18.93	18.99		
15	64QAM	75	0	19.07	19.09	19.02		
15	256QAM	1	0	16.99	17.09	16.96	18	5
15	256QAM	1	37	17.14	17.11	16.99		
15	256QAM	1	74	16.95	16.87	16.99		
15	256QAM	36	0	17.02	17.12	17.03	18	5
15	256QAM	36	20	16.97	16.93	16.98		
15	256QAM	36	39	16.87	17.09	16.91		
15	256QAM	75	0	17.00	17.04	16.92		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.04	22.05	22.06	23	0
10	QPSK	1	25	21.95	22.00	21.97		
10	QPSK	1	49	21.94	21.98	21.90		
10	QPSK	25	0	21.00	21.13	21.01	22	1
10	QPSK	25	12	21.08	21.05	20.96		
10	QPSK	25	25	20.93	20.99	20.91		
10	QPSK	50	0	21.00	21.10	21.07		
10	16QAM	1	0	21.00	21.06	21.03	22	1
10	16QAM	1	25	20.94	21.10	20.96		
10	16QAM	1	49	20.87	20.99	21.02		
10	16QAM	25	0	19.98	20.04	19.95	21	2
10	16QAM	25	12	19.99	20.10	19.94		
10	16QAM	25	25	20.01	19.91	19.98		
10	16QAM	50	0	20.10	20.06	20.00		
10	64QAM	1	0	20.14	20.05	20.06	21	2
10	64QAM	1	25	20.01	20.04	19.87		
10	64QAM	1	49	19.99	19.87	20.01		
10	64QAM	25	0	19.00	19.13	19.06	20	3
10	64QAM	25	12	19.02	18.97	18.98		
10	64QAM	25	25	18.92	18.97	18.98		
10	64QAM	50	0	18.98	19.15	19.11		
10	256QAM	1	0	16.98	17.08	17.05	18	5
10	256QAM	1	25	17.10	17.01	17.00		
10	256QAM	1	49	16.97	16.83	16.94		
10	256QAM	25	0	16.97	17.03	17.06	18	5
10	256QAM	25	12	16.94	16.92	16.91		
10	256QAM	25	25	16.89	17.12	16.86		
10	256QAM	50	0	16.96	17.00	16.99		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.05	22.08	22.05	23	0
5	QPSK	1	12	22.02	22.01	21.97		
5	QPSK	1	24	21.99	21.95	21.92		
5	QPSK	12	0	22.02	21.11	21.04	22	1
5	QPSK	12	7	21.01	21.05	20.99		
5	QPSK	12	13	20.98	20.88	20.97		
5	QPSK	25	0	21.07	21.02	20.99		
5	16QAM	1	0	21.01	21.00	20.95	22	1
5	16QAM	1	12	20.97	21.12	20.91		
5	16QAM	1	24	20.91	20.93	21.01		
5	16QAM	12	0	19.98	20.03	20.00	21	2
5	16QAM	12	7	20.00	20.06	19.97		
5	16QAM	12	13	19.98	19.90	19.96		
5	16QAM	25	0	20.11	20.03	20.07	21	2
5	64QAM	1	0	20.05	20.03	20.01		
5	64QAM	1	12	20.04	20.05	19.93		
5	64QAM	1	24	20.02	19.86	19.99		
5	64QAM	12	0	19.00	19.18	19.09	20	3
5	64QAM	12	7	19.05	19.01	18.96		
5	64QAM	12	13	18.92	18.96	18.93		
5	64QAM	25	0	18.97	19.14	19.01		
5	256QAM	1	0	17.08	17.10	16.99	18	5
5	256QAM	1	12	17.06	17.02	16.97		
5	256QAM	1	24	16.95	16.84	16.98		
5	256QAM	12	0	16.99	17.03	17.10	18	5
5	256QAM	12	7	16.91	16.97	16.91		
5	256QAM	12	13	16.88	17.04	16.88		
5	256QAM	25	0	16.96	17.06	17.00		

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BW [MHz]	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	22.29	22.36	22.24	23.6	0
20	QPSK	1	49	22.24	22.31	22.22		
20	QPSK	1	99	22.20	22.21	22.21		
20	QPSK	50	0	22.17	22.33	22.19		
20	QPSK	50	24	22.25	22.24	22.19		
20	QPSK	50	50	22.16	22.25	22.23		
20	QPSK	100	0	22.17	22.27	22.19		
20	16QAM	1	0	22.22	22.19	22.26		
20	16QAM	1	49	22.21	22.21	22.06		
20	16QAM	1	99	22.11	22.12	22.04		
20	16QAM	50	0	21.63	21.70	21.71		
20	16QAM	50	24	21.70	21.66	21.55		
20	16QAM	50	50	21.52	21.57	21.62		
20	16QAM	100	0	21.57	21.64	21.65		
20	64QAM	1	0	21.68	21.57	21.64		
20	64QAM	1	49	21.56	21.64	21.56		
20	64QAM	1	99	21.56	21.77	21.58		
20	64QAM	50	0	20.66	20.72	20.69		
20	64QAM	50	24	20.63	20.58	20.53		
20	64QAM	50	50	20.54	20.60	20.63		
20	64QAM	100	0	20.67	20.67	20.65		
20	256QAM	1	0	18.65	18.68	18.64		
20	256QAM	1	49	18.69	18.63	18.62		
20	256QAM	1	99	18.59	18.58	18.52		
20	256QAM	50	0	18.65	18.68	18.57		
20	256QAM	50	24	18.74	18.72	18.66		
20	256QAM	50	50	18.62	18.61	18.59		
20	256QAM	100	0	18.57	18.60	18.67		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.22	22.30	22.18	23.6	0
15	QPSK	1	37	22.18	22.18	22.14		
15	QPSK	1	74	22.07	22.19	22.10		
15	QPSK	36	0	22.10	22.21	22.07		
15	QPSK	36	20	22.14	22.17	22.12		
15	QPSK	36	39	22.02	22.11	22.18		
15	QPSK	75	0	22.04	22.17	22.14		
15	16QAM	1	0	22.16	22.16	22.23		
15	16QAM	1	37	22.12	22.17	21.94		
15	16QAM	1	74	22.08	22.03	21.96		
15	16QAM	36	0	21.60	21.65	21.67		
15	16QAM	36	20	21.66	21.60	21.53		
15	16QAM	36	39	21.44	21.46	21.50		
15	16QAM	75	0	21.45	21.62	21.59		
15	64QAM	1	0	21.62	21.47	21.54		
15	64QAM	1	37	21.54	21.51	21.52		
15	64QAM	1	74	21.52	21.64	21.48		
15	64QAM	36	0	20.61	20.65	20.57		
15	64QAM	36	20	20.55	20.47	20.49		
15	64QAM	36	39	20.42	20.50	20.53		
15	64QAM	75	0	20.56	20.53	20.55		
15	256QAM	1	0	18.60	18.54	18.61		
15	256QAM	1	37	18.57	18.60	18.59		
15	256QAM	1	74	18.50	18.48	18.45		
15	256QAM	36	0	18.52	18.63	18.47		
15	256QAM	36	20	18.65	18.67	18.61		
15	256QAM	36	39	18.50	18.56	18.53		
15	256QAM	75	0	18.54	18.55	18.62		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.26	22.31	22.17	23.6	0
10	QPSK	1	25	22.18	22.25	22.10		
10	QPSK	1	49	22.13	22.14	22.10		
10	QPSK	25	0	22.10	22.19	22.06		
10	QPSK	25	12	22.13	22.10	22.13		
10	QPSK	25	25	22.06	22.17	22.09		
10	QPSK	50	0	22.09	22.15	22.13		
10	16QAM	1	0	22.17	22.08	22.14		
10	16QAM	1	25	22.14	22.16	21.94		
10	16QAM	1	49	21.97	22.05	21.98		
10	16QAM	25	0	21.58	21.63	21.66		
10	16QAM	25	12	21.63	21.54	21.46		
10	16QAM	25	25	21.49	21.53	21.49		
10	16QAM	50	0	21.45	21.54	21.59		
10	64QAM	1	0	21.63	21.50	21.52		
10	64QAM	1	25	21.51	21.54	21.50		
10	64QAM	1	49	21.51	21.69	21.51		
10	64QAM	25	0	20.56	20.62	20.59		
10	64QAM	25	12	20.56	20.50	20.45		
10	64QAM	25	25	20.42	20.51	20.52		
10	64QAM	50	0	20.58	20.55	20.56		
10	256QAM	1	0	18.54	18.64	18.58		
10	256QAM	1	25	18.63	18.55	18.59		
10	256QAM	1	49	18.48	18.48	18.43		
10	256QAM	25	0	18.53	18.59	18.55		
10	256QAM	25	12	18.68	18.65	18.57		
10	256QAM	25	25	18.55	18.54	18.53		
10	256QAM	50	0	18.53	18.53	18.57		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.16	22.27	22.16	23.6	0
5	QPSK	1	12	22.18	22.28	22.15		
5	QPSK	1	24	22.14	22.18	22.13		
5	QPSK	12	0	22.06	22.20	22.16		
5	QPSK	12	7	22.15	22.18	22.10		
5	QPSK	12	13	22.08	22.23	22.15		
5	QPSK	25	0	22.09	22.23	22.08		
5	16QAM	1	0	22.16	22.16	22.13		
5	16QAM	1	12	22.16	22.14	22.00		
5	16QAM	1	24	21.99	22.02	21.90		
5	16QAM	12	0	21.55	21.57	21.64		
5	16QAM	12	7	21.62	21.57	21.53		
5	16QAM	12	13	21.50	21.44	21.51		
5	16QAM	25	0	21.53	21.60	21.52		
5	64QAM	1	0	21.56	21.43	21.56		
5	64QAM	1	12	21.49	21.58	21.48		
5	64QAM	1	24	21.45	21.64	21.50		
5	64QAM	12	0	20.60	20.62	20.61		
5	64QAM	12	7	20.59	20.55	20.52		
5	64QAM	12	13	20.40	20.55	20.56		
5	64QAM	25	0	20.58	20.64	20.62		
5	256QAM	1	0	18.61	18.56	18.56		
5	256QAM	1	12	18.64	18.59	18.55	20	3.6
5	256QAM	1	24	18.55	18.49	18.48		
5	256QAM	12	0	18.57	18.61	18.52		
5	256QAM	12	7	18.64	18.62	18.59	20	3.6
5	256QAM	12	13	18.54	18.56	18.56		
5	256QAM	25	0	18.48	18.51	18.61		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.38	22.34	22.40	22.36	22.33	23.6	0
20	QPSK	1	49	22.31	22.31	22.36	22.29	22.22		
20	QPSK	1	99	22.36	22.25	22.28	22.23	22.27		
20	QPSK	50	0	22.28	22.26	22.38	22.31	22.23		
20	QPSK	50	24	22.25	22.31	22.31	22.30	22.28		
20	QPSK	50	50	22.26	22.26	22.31	22.25	22.24		
20	QPSK	100	0	22.26	22.26	22.37	22.28	22.21		
20	16QAM	1	0	22.28	22.30	22.30	22.32	22.27		
20	16QAM	1	49	22.20	22.26	22.34	22.18	22.08		
20	16QAM	1	99	22.30	22.19	22.21	22.17	22.19		
20	16QAM	50	0	21.72	21.72	21.79	21.78	21.76		
20	16QAM	50	24	21.68	21.73	21.77	21.68	21.59		
20	16QAM	50	50	21.78	21.61	21.66	21.65	21.66		
20	16QAM	100	0	21.70	21.63	21.74	21.70	21.60		
20	64QAM	1	0	21.63	21.73	21.71	21.72	21.64		
20	64QAM	1	49	21.63	21.69	21.69	21.60	21.69		
20	64QAM	1	99	21.62	21.63	21.79	21.71	21.62		
20	64QAM	50	0	20.82	20.75	20.80	20.82	20.69		
20	64QAM	50	24	20.68	20.74	20.71	20.65	20.57		
20	64QAM	50	50	20.78	20.63	20.68	20.67	20.68		
20	64QAM	100	0	20.68	20.69	20.76	20.74	20.67		
20	256QAM	1	0	18.77	18.70	18.80	18.70	18.74		
20	256QAM	1	49	18.69	18.71	18.77	18.72	18.66		
20	256QAM	1	99	18.77	18.64	18.65	18.60	18.69		
20	256QAM	50	0	18.73	18.70	18.78	18.66	18.58		
20	256QAM	50	24	18.60	18.76	18.76	18.72	18.74		
20	256QAM	50	50	18.69	18.72	18.74	18.61	18.68		
20	256QAM	100	0	18.67	18.70	18.73	18.74	18.65		
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	22.27	22.24	22.33	22.26	22.25	24	0
15	QPSK	1	37	22.18	22.21	22.24	22.19	22.08		
15	QPSK	1	74	22.33	22.20	22.25	22.10	22.21		
15	QPSK	36	0	22.25	22.17	22.27	22.19	22.10		
15	QPSK	36	20	22.20	22.24	22.20	22.27	22.17	23.6	0
15	QPSK	36	39	22.17	22.15	22.25	22.11	22.16		
15	QPSK	75	0	22.15	22.19	22.32	22.19	22.18		
15	16QAM	1	0	22.17	22.16	22.24	22.26	22.15		
15	16QAM	1	37	22.09	22.17	22.25	22.05	22.02	23.6	0
15	16QAM	1	74	22.27	22.11	22.11	22.10	22.09		
15	16QAM	36	0	21.62	21.59	21.76	21.71	21.66		
15	16QAM	36	20	21.54	21.71	21.73	21.58	21.56	23	0.6
15	16QAM	36	39	21.75	21.53	21.54	21.56	21.54		
15	16QAM	75	0	21.66	21.58	21.65	21.63	21.54		
15	64QAM	1	0	21.60	21.70	21.67	21.69	21.55		
15	64QAM	1	37	21.60	21.64	21.60	21.46	21.55	23	0.6
15	64QAM	1	74	21.54	21.58	21.70	21.66	21.56		
15	64QAM	36	0	20.72	20.72	20.72	20.78	20.64		
15	64QAM	36	20	20.57	20.61	20.62	20.62	20.45	22	1.6
15	64QAM	36	39	20.70	20.60	20.58	20.63	20.63		
15	64QAM	75	0	20.63	20.65	20.69	20.63	20.63		
15	256QAM	1	0	18.75	18.65	18.71	18.60	18.67		
15	256QAM	1	37	18.61	18.63	18.69	18.60	18.61	20	3.6
15	256QAM	1	74	18.74	18.59	18.57	18.47	18.56		
15	256QAM	36	0	18.68	18.57	18.69	18.62	18.55		
15	256QAM	36	20	18.53	18.70	18.70	18.59	18.65	20	3.6
15	256QAM	36	39	18.65	18.62	18.67	18.59	18.61		
15	256QAM	75	0	18.57	18.59	18.65	18.68	18.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.32	22.22	22.28	22.31	22.23	24	0
10	QPSK	1	25	22.23	22.21	22.26	22.17	22.10		
10	QPSK	1	49	22.24	22.15	22.21	22.14	22.22		
10	QPSK	25	0	22.25	22.15	22.27	22.25	22.11		
10	QPSK	25	12	22.14	22.25	22.23	22.26	22.17	23.6	0
10	QPSK	25	25	22.14	22.15	22.18	22.21	22.12		
10	QPSK	50	0	22.18	22.23	22.32	22.16	22.19		
10	16QAM	1	0	22.24	22.27	22.17	22.25	22.19		
10	16QAM	1	25	22.06	22.13	22.21	22.13	21.97	23.6	0
10	16QAM	1	49	22.18	22.16	22.08	22.10	22.08		
10	16QAM	25	0	21.65	21.61	21.73	21.73	21.66		
10	16QAM	25	12	21.65	21.65	21.75	21.66	21.54	23	0.6
10	16QAM	25	25	21.74	21.47	21.58	21.53	21.61		
10	16QAM	50	0	21.63	21.53	21.69	21.68	21.46		
10	64QAM	1	0	21.56	21.66	21.62	21.68	21.54		
10	64QAM	1	25	21.54	21.58	21.61	21.56	21.62	23	0.6
10	64QAM	1	49	21.54	21.53	21.73	21.63	21.60		
10	64QAM	25	0	20.79	20.72	20.77	20.77	20.64		
10	64QAM	25	12	20.56	20.69	20.65	20.53	20.45	22	1.6
10	64QAM	25	25	20.75	20.59	20.63	20.65	20.60		
10	64QAM	50	0	20.63	20.61	20.64	20.63	20.56		
10	256QAM	1	0	18.68	18.64	18.68	18.60	18.65		
10	256QAM	1	25	18.65	18.59	18.66	18.64	18.64	20	3.6
10	256QAM	1	49	18.74	18.52	18.52	18.56	18.63		
10	256QAM	25	0	18.64	18.63	18.75	18.54	18.51		
10	256QAM	25	12	18.48	18.71	18.66	18.61	18.66	20	3.6
10	256QAM	25	25	18.67	18.61	18.60	18.53	18.62		
10	256QAM	50	0	18.55	18.58	18.61	18.65	18.60		
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	22.31	22.32	22.28	22.25	22.24	24	0
5	QPSK	1	12	22.21	22.24	22.30	22.19	22.12		
5	QPSK	1	24	22.30	22.16	22.17	22.15	22.24		
5	QPSK	12	0	22.25	22.20	22.33	22.26	22.10		
5	QPSK	12	7	22.13	22.25	22.20	22.19	22.20	23.6	0
5	QPSK	12	13	22.22	22.23	22.20	22.12	22.17		
5	QPSK	25	0	22.19	22.19	22.27	22.18	22.13		
5	16QAM	1	0	22.21	22.16	22.20	22.21	22.15		
5	16QAM	1	12	22.15	22.20	22.28	22.08	21.97	23.6	0
5	16QAM	1	24	22.24	22.09	22.13	22.04	22.10		
5	16QAM	12	0	21.70	21.66	21.76	21.76	21.63		
5	16QAM	12	7	21.59	21.70	21.72	21.55	21.46	23	0.6
5	16QAM	12	13	21.67	21.51	21.55	21.62	21.55		
5	16QAM	25	0	21.64	21.53	21.69	21.66	21.46		
5	64QAM	1	0	21.53	21.65	21.64	21.66	21.57		
5	64QAM	1	12	21.57	21.63	21.56	21.55	21.60	23	0.6
5	64QAM	1	24	21.52	21.59	21.71	21.64	21.51		
5	64QAM	12	0	20.73	20.64	20.72	20.76	20.58		
5	64QAM	12	7	20.58	20.62	20.68	20.54	20.47	22	1.6
5	64QAM	12	13	20.71	20.51	20.57	20.60	20.66		
5	64QAM	25	0	20.61	20.67	20.67	20.61	20.58		
5	256QAM	1	0	18.69	18.58	18.78	18.62	18.68		
5	256QAM	1	12	18.63	18.63	18.65	18.69	18.60	20	3.6
5	256QAM	1	24	18.67	18.60	18.55	18.49	18.59		
5	256QAM	12	0	18.69	18.66	18.70	18.59	18.54		
5	256QAM	12	7	18.50	18.71	18.63	18.69	18.68	20	3.6
5	256QAM	12	13	18.61	18.60	18.70	18.49	18.56		
5	256QAM	25	0	18.62	18.66	18.59	18.64	18.53		

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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	23.79	23.83	23.85	23.80	23.78	25.2	0
20	QPSK	1	49	23.67	23.75	23.74	23.75	23.70		
20	QPSK	1	99	23.66	23.69	23.74	23.78	23.68		
20	QPSK	50	0	23.73	23.70	23.80	23.67	23.68		
20	QPSK	50	24	23.72	23.70	23.77	23.73	23.75		
20	QPSK	50	50	23.70	23.75	23.79	23.69	23.67		
20	QPSK	100	0	23.74	23.76	23.79	23.73	23.70		
20	16QAM	1	0	23.74	23.80	23.73	23.66	23.74		
20	16QAM	1	49	23.54	23.70	23.68	23.69	23.57		
20	16QAM	1	99	23.53	23.66	23.69	23.65	23.56		
20	16QAM	50	0	23.60	23.59	23.66	23.54	23.54	25	0.2
20	16QAM	50	24	23.46	23.54	23.57	23.52	23.44		
20	16QAM	50	50	23.40	23.44	23.53	23.58	23.48		
20	16QAM	100	0	23.52	23.45	23.60	23.44	23.46		
20	64QAM	1	0	23.54	23.53	23.52	23.46	23.54		
20	64QAM	1	49	23.53	23.56	23.60	23.51	23.40	25	0.2
20	64QAM	1	99	23.52	23.58	23.58	23.57	23.50		
20	64QAM	50	0	22.56	22.66	22.61	22.64	22.61	24	1.2
20	64QAM	50	24	22.45	22.54	22.56	22.58	22.51		
20	64QAM	50	50	22.44	22.46	22.55	22.62	22.46		
20	64QAM	100	0	22.51	22.49	22.65	22.51	22.43		
20	256QAM	1	0	20.61	20.68	20.71	20.61	20.61	22	3.2
20	256QAM	1	49	20.49	20.52	20.51	20.57	20.45		
20	256QAM	1	99	20.41	20.47	20.54	20.62	20.46		
20	256QAM	50	0	20.54	20.48	20.60	20.44	20.51	22	3.2
20	256QAM	50	24	20.51	20.49	20.58	20.49	20.53		
20	256QAM	50	50	20.46	20.58	20.59	20.54	20.41		
20	256QAM	100	0	20.49	20.58	20.59	20.54	20.56		
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	23.69	23.72	23.76	23.77	23.74	25	0
15	QPSK	1	37	23.55	23.73	23.62	23.71	23.59		
15	QPSK	1	74	23.64	23.64	23.69	23.72	23.56		
15	QPSK	36	0	23.62	23.67	23.78	23.57	23.57	25.2	0
15	QPSK	36	20	23.63	23.56	23.75	23.64	23.71		
15	QPSK	36	39	23.60	23.65	23.72	23.61	23.58		
15	QPSK	75	0	23.64	23.74	23.69	23.60	23.58		
15	16QAM	1	0	23.60	23.67	23.68	23.59	23.70	25.2	0
15	16QAM	1	37	23.44	23.59	23.58	23.62	23.45		
15	16QAM	1	74	23.49	23.62	23.61	23.60	23.49		
15	16QAM	36	0	23.58	23.53	23.59	23.52	23.40	25	0.2
15	16QAM	36	20	23.32	23.46	23.45	23.42	23.37		
15	16QAM	36	39	23.29	23.31	23.41	23.44	23.36		
15	16QAM	75	0	23.43	23.33	23.47	23.36	23.43		
15	64QAM	1	0	23.47	23.48	23.42	23.37	23.49		
15	64QAM	1	37	23.43	23.54	23.52	23.44	23.29	25	0.2
15	64QAM	1	74	23.49	23.51	23.54	23.49	23.45		
15	64QAM	36	0	22.53	22.55	22.51	22.50	22.51	24	1.2
15	64QAM	36	20	22.33	22.47	22.53	22.56	22.39		
15	64QAM	36	39	22.33	22.39	22.44	22.56	22.33		
15	64QAM	75	0	22.47	22.37	22.59	22.40	22.32		
15	256QAM	1	0	20.58	20.58	20.61	20.52	20.57	22	3.2
15	256QAM	1	37	20.46	20.40	20.47	20.44	20.35		
15	256QAM	1	74	20.30	20.36	20.51	20.50	20.41		
15	256QAM	36	0	20.46	20.41	20.57	20.37	20.48	22	3.2
15	256QAM	36	20	20.39	20.38	20.55	20.46	20.41		
15	256QAM	36	39	20.36	20.54	20.47	20.47	20.36		
15	256QAM	75	0	20.38	20.55	20.48	20.42	20.46		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.67	23.80	23.79	23.73	23.75	25	0
10	QPSK	1	25	23.60	23.66	23.66	23.64	23.68		
10	QPSK	1	49	23.58	23.57	23.62	23.72	23.65		
10	QPSK	25	0	23.62	23.68	23.77	23.60	23.65	25.2	0
10	QPSK	25	12	23.60	23.67	23.71	23.62	23.70		
10	QPSK	25	25	23.67	23.73	23.68	23.65	23.56		
10	QPSK	50	0	23.60	23.67	23.75	23.65	23.58		
10	16QAM	1	0	23.69	23.71	23.67	23.56	23.72		
10	16QAM	1	25	23.49	23.60	23.59	23.61	23.54	25.2	0
10	16QAM	1	49	23.50	23.62	23.64	23.55	23.51		
10	16QAM	25	0	23.53	23.48	23.56	23.41	23.46	25	0.2
10	16QAM	25	12	23.37	23.47	23.45	23.38	23.36		
10	16QAM	25	25	23.33	23.38	23.46	23.48	23.37		
10	16QAM	50	0	23.41	23.32	23.57	23.34	23.40		
10	64QAM	1	0	23.45	23.46	23.47	23.38	23.41		
10	64QAM	1	25	23.46	23.47	23.56	23.46	23.29	25	0.2
10	64QAM	1	49	23.42	23.55	23.47	23.51	23.45		
10	64QAM	25	0	22.47	22.60	22.48	22.62	22.48	24	1.2
10	64QAM	25	12	22.38	22.42	22.48	22.50	22.47		
10	64QAM	25	25	22.34	22.45	22.

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BW [MHz]	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	15.25	15.29	15.16		
20	QPSK	1	49	15.25	15.11	15.20	16.4	0
20	QPSK	1	99	15.19	15.18	15.13		
20	QPSK	50	0	15.15	15.27	15.13		
20	QPSK	50	24	15.14	15.23	15.14	16.4	0
20	QPSK	50	50	15.16	15.23	15.10		
20	QPSK	100	0	15.13	15.23	15.04		
20	16QAM	1	0	15.10	15.21	15.09		
20	16QAM	1	49	15.02	15.06	14.98	16.4	0
20	16QAM	1	99	15.10	15.15	14.89		
20	16QAM	50	0	15.02	15.13	15.07		
20	16QAM	50	24	15.02	15.19	15.10	16.4	0
20	16QAM	50	50	15.07	15.04	14.99		
20	16QAM	100	0	15.10	15.15	15.10		
20	64QAM	1	0	15.16	15.24	15.19		
20	64QAM	1	49	15.15	14.98	14.99	16.4	0
20	64QAM	1	99	15.03	15.12	14.97		
20	64QAM	50	0	14.93	15.20	15.04		
20	64QAM	50	24	15.07	15.17	15.17	16.4	0
20	64QAM	50	50	15.08	15.05	15.06		
20	64QAM	100	0	15.06	15.11	15.09		
20	256QAM	1	0	15.21	15.22	15.23		
20	256QAM	1	49	15.16	15.07	14.99	16.4	0
20	256QAM	1	99	15.11	15.18	14.99		
20	256QAM	50	0	15.02	15.11	15.08		
20	256QAM	50	24	15.06	15.20	15.10	16.4	0
20	256QAM	50	50	15.00	15.12	14.97		
20	256QAM	100	0	15.12	15.06	14.99		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.19	15.19	15.14		
15	QPSK	1	37	15.18	15.05	15.10	16.4	0
15	QPSK	1	74	15.10	15.13	15.07		
15	QPSK	36	0	15.03	15.23	15.05		
15	QPSK	36	20	15.03	15.18	15.06	16.4	0
15	QPSK	36	39	15.13	15.15	15.04		
15	QPSK	75	0	15.09	15.15	14.99		
15	16QAM	1	0	14.97	15.16	15.05		
15	16QAM	1	37	14.94	15.02	14.89	16.4	0
15	16QAM	1	74	15.02	15.07	14.75		
15	16QAM	36	0	14.94	15.02	14.98		
15	16QAM	36	20	14.95	15.06	14.96	16.4	0
15	16QAM	36	39	14.98	14.98	14.94		
15	16QAM	75	0	15.07	15.08	15.00		
15	64QAM	1	0	15.02	15.11	15.08		
15	64QAM	1	37	15.07	14.89	14.97	16.4	0
15	64QAM	1	74	14.97	14.99	14.86		
15	64QAM	36	0	14.91	15.13	14.98		
15	64QAM	36	20	15.03	15.11	15.12	16.4	0
15	64QAM	36	39	15.03	15.03	15.01		
15	64QAM	75	0	15.03	15.00	15.01		
15	256QAM	1	0	15.18	15.15	15.17		
15	256QAM	1	37	15.08	15.01	14.94	16.4	0
15	256QAM	1	74	14.98	15.05	14.95		
15	256QAM	36	0	14.88	15.04	14.96		
15	256QAM	36	20	14.99	15.10	15.01	16.4	0
15	256QAM	36	39	14.88	15.02	14.89		
15	256QAM	75	0	15.05	14.99	14.94		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.17	15.21	15.07		
10	QPSK	1	25	15.16	15.01	15.09	16.4	0
10	QPSK	1	49	15.15	15.11	14.99		
10	QPSK	25	0	15.04	15.21	15.04		
10	QPSK	25	12	15.06	15.09	15.03	16.4	0
10	QPSK	25	25	15.05	15.17	15.06		
10	QPSK	50	0	15.02	15.15	14.98		
10	16QAM	1	0	15.07	15.17	14.97		
10	16QAM	1	25	14.90	14.97	14.94	16.4	0
10	16QAM	1	49	15.04	15.04	14.79		
10	16QAM	25	0	14.97	15.11	14.96		
10	16QAM	25	12	14.95	15.07	15.00	16.4	0
10	16QAM	25	25	14.94	14.93	14.96		
10	16QAM	50	0	15.05	15.09	15.01		
10	64QAM	1	0	15.08	15.13	15.05		
10	64QAM	1	25	15.08	14.92	14.96	16.4	0
10	64QAM	1	49	15.00	15.00	14.93		
10	64QAM	25	0	14.83	15.17	14.97		
10	64QAM	25	12	15.00	15.11	15.08	16.4	0
10	64QAM	25	25	14.97	14.94	14.99		
10	64QAM	50	0	14.96	14.98	15.05		
10	256QAM	1	0	15.16	15.19	15.16		
10	256QAM	1	25	15.14	14.93	14.97	16.4	0
10	256QAM	1	49	14.98	15.09	14.89		
10	256QAM	25	0	14.97	15.05	15.01		
10	256QAM	25	12	15.04	15.13	15.01	16.4	0
10	256QAM	25	25	14.92	14.98	14.85		
10	256QAM	50	0	15.00	14.96	14.89		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.11	15.26	15.13		
5	QPSK	1	12	15.21	15.03	15.16	16.4	0
5	QPSK	1	24	15.07	15.15	15.06		
5	QPSK	12	0	15.08	15.16	15.06		
5	QPSK	12	7	15.10	15.09	15.05	16.4	0
5	QPSK	12	13	15.16	15.18	14.99		
5	QPSK	25	0	15.01	15.16	14.90		
5	16QAM	1	0	15.03	15.12	15.02		
5	16QAM	1	12	14.90	14.98	14.87	16.4	0
5	16QAM	1	24	15.02	15.12	14.79		
5	16QAM	12	0	14.92	15.04	15.00		
5	16QAM	12	7	14.92	15.14	15.04	16.4	0
5	16QAM	12	13	14.96	15.01	14.91		
5	16QAM	25	0	15.05	15.11	15.04		
5	64QAM	1	0	15.01	15.21	15.08		
5	64QAM	1	12	15.05	14.93	14.85	16.4	0
5	64QAM	1	24	14.92	14.99	14.91		
5	64QAM	12	0	14.83	15.11	14.98		
5	64QAM	12	7	14.98	15.04	15.15	16.4	0
5	64QAM	12	13	15.01	14.99	15.01		
5	64QAM	25	0	15.03	14.97	15.04		
5	256QAM	1	0	15.14	15.08	15.11		
5	256QAM	1	12	15.06	15.03	14.89	16.4	0
5	256QAM	1	24	15.06	15.15	14.89		
5	256QAM	12	0	14.98	15.04	14.99		
5	256QAM	12	7	14.98	15.13	15.03	16.4	0
5	256QAM	12	13	14.88	15.10	14.92		
5	256QAM	25	0	15.00	15.00	14.89		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.17	15.27	15.08		
3	QPSK	1	8	15.18	14.98	15.13	16.4	0
3	QPSK	1	14	15.13	15.04	15.06		
3	QPSK	8	0	15.02	15.14	15.00		
3	QPSK	8	4	15.10	15.15	15.01	16.4	0
3	QPSK	8	7	15.12	15.12	15.06		
3	QPSK	15	0	15.05	15.14	14.97		
3	16QAM	1	0	15.04	15.17	15.00		
3	16QAM	1	8	14.91	14.94	14.91	16.4	0
3	16QAM	1	14	14.98	15.02	14.78		
3	16QAM	8	0	14.88	15.06	15.04		
3	16QAM	8	4	14.98	15.08	15.07	16.4	0
3	16QAM	8	7	15.03	14.90	14.96		
3	16QAM	15	0	14.97	15.06	15.02		
3	64QAM	1	0	15.03	15.22	15.13		
3	64QAM	1	8	15.03	14.86	14.86	16.4	0
3	64QAM	1	14	15.00	15.08	14.87		
3	64QAM	8	0	14.88	15.14	14.98		
3	64QAM	8	4	14.99	15.07	15.06	16.4	0
3	64QAM	8	7	15.01	15.02	14.93		
3	64QAM	15	0	14.96	15.00	15.06		
3	256QAM	1	0	15.07	15.17	15.13		
3	256QAM	1	8	15.11	14.97	14.91	16.4	0
3	256QAM	1	14	15.09	15.07	14.95		
3	256QAM	8	0	14.93	15.02	15.01		
3	256QAM	8	4	14.94	15.15	15.08	16.4	0
3	256QAM	8	7	14.95	15.06	14.91		
3	256QAM	15	0	14.98	14.96	14.97		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.21	15.24	15.03		
1.4	QPSK	1	3	15.14	15.08	15.16		
1.4	QPSK	3	0	15.07	15.09	15.02	16.4	0
1.4	QPSK	3	0	15.08	15.18	15.03		
1.4	QPSK	3	1	15.06	15.16	15.04		
1.4	QPSK	3	3	15.08	15.15	15.01		
1.4	QPSK	6	0	14.99	15.16	14.94	16.4	0
1.4	16QAM	1	0	14.97	15.09	15.03		
1.4	16QAM	1	3	14.94	14.94	14.94		
1.4	16QAM	1	5	15.00	15.02	14.81	16.4	0
1.4	16QAM	3	0	14.91	15.00	15.02		
1.4	16QAM	3	1	14.96	15.17	15.03		
1.4	16QAM	3	3	15.01	14.98	14.87		
1.4	16QAM	6	0	15.07	15.07	15.00	16.4	0
1.4	64QAM	1	0	15.10	15.19	15.10		
1.4	64QAM	1	3	15.04	14.93	14.89		
1.4	64QAM	1	5	14.90	15.00	14.90	16.4	0
1.4	64QAM	3	0	14.82	15.16	14.98		
1.4	64QAM	3	1	15.00	15.07	15.06		
1.4	64QAM	3	3	14.99	14.92	14.99		
1.4	64QAM	6	0	15.02	15.06	15.05	16.4	0
1.4	256QAM	1	0	15.08	15.10	15.20		
1.4	256QAM	1	3	15.11	14.99	14.95		
1.4	256QAM	1	5	14.99	15.05	14.89	16.4	0
1.4	256QAM	3	0	14.97	15.06	14.97		
1.4	256QAM	3	1	15.00	15.08	14.97		
1.4	256QAM	3	3	14.96	15.09	14.86		
1.4	256QAM	6	0	15.09	14.95	14.97	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.10	18.17	18.08		
20	QPSK	1	49	17.98	18.06	17.99	19.2	0
20	QPSK	1	99	18.01	17.99	18.07		
20	QPSK	50	0	18.06	18.14	17.96		
20	QPSK	50	24	18.07	18.03	18.03	19.2	0
20	QPSK	50	50	18.00	17.97	17.91		
20	QPSK	100	0	18.03	18.06	17.98		
20	16QAM	1	0	17.99	18.10	17.94		
20	16QAM	1	49	17.97	17.97	17.92	19.2	0
20	16QAM	1	99	17.93	17.93	17.99		
20	16QAM	50	0	17.99	17.94	17.97		
20	16QAM	50	24	17.90	17.98	17.95	19.2	0
20	16QAM	50	50	17.97	17.84	17.91		
20	16QAM	100	0	17.93	18.01	17.87		
20	64QAM	1	0	17.97	18.09	17.91		
20	64QAM	1	49	17.82	18.07	17.90	19.2	0
20	64QAM	1	99	17.94	17.81	17.95		
20	64QAM	50	0	17.90	17.98	17.96		
20	64QAM	50	24	17.88	17.93	17.99	19.2	0
20	64QAM	50	50	17.99	17.91	17.97		
20	64QAM	100	0	17.98	18.02	17.85		
20	256QAM	1	0	17.94	17.90	17.82		
20	256QAM	1	49	17.82	17.91	17.80	19	0.2
20	256QAM	1	99	17.80	17.75	17.76		
20	256QAM	50	0	17.81	17.81	17.78		
20	256QAM	50	24	17.78	17.78	17.74	19	0.2
20	256QAM	50	50	17.83	17.77	17.78		
20	256QAM	100	0	17.85	17.80	17.73		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.01	18.14	18.00		
15	QPSK	1	37	17.88	18.04	17.96	19.2	0
15	QPSK	1	74	17.88	17.90	17.95		
15	QPSK	36	0	17.95	18.05	17.86		
15	QPSK	36	20	18.02	18.00	17.91	19.2	0
15	QPSK	36	39	17.87	17.84	17.78		
15	QPSK	75	0	17.94	18.02	17.91		
15	16QAM	1	0	17.92	17.96	17.87		
15	16QAM	1	37	17.87	17.91	17.81	19.2	0
15	16QAM	1	74	17.86	17.91	17.86		
15	16QAM	36	0	17.95	17.84	17.84		
15	16QAM	36	20	17.81	17.92	17.83	19.2	0
15	16QAM	36	39	17.86	17.76	17.86		
15	16QAM	75	0	17.90	17.92	17.75		
15	64QAM	1	0	17.88	18.04	17.77		
15	64QAM	1	37	17.76	18.04	17.83	19.2	0
15	64QAM	1	74	17.91	17.74	17.92		
15	64QAM	36	0	17.83	17.89	17.91		
15	64QAM	36	20	17.75	17.86	17.92	19.2	0
15	64QAM	36	39	17.86	17.78	17.93		
15	64QAM	75	0	17.87	17.88	17.78		
15	256QAM	1	0	17.85	17.87	17.77		
15	256QAM	1	37	17.70	17.80	17.73	19	0.2
15	256QAM	1	74	17.69	17.67	17.67		
15	256QAM	36	0	17.69	17.73	17.69		
15	256QAM	36	20	17.70	17.75	17.69	19	0.2
15	256QAM	36	39	17.74	17.75	17.67		
15	256QAM	75	0	17.82	17.69	17.68		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.01	18.07	17.99		
10	QPSK	1	25	17.91	17.93	17.89	19.2	0
10	QPSK	1	49	17.96	17.95	17.96		
10	QPSK	25	0	18.02	18.11	17.92		
10	QPSK	25	12	17.99	17.91	17.97	19.2	0
10	QPSK	25	25	17.92	17.90	17.79		
10	QPSK	50	0	17.94	17.97	17.90		
10	16QAM	1	0	17.90	18.06	17.88		
10	16QAM	1	25	17.88	17.95	17.82	19.2	0
10	16QAM	1	49	17.83	17.87	17.88		
10	16QAM	25	0	17.91	17.90	17.94		
10	16QAM	25	12	17.77	17.89	17.81	19.2	0
10	16QAM	25	25	17.92	17.71	17.80		
10	16QAM	50	0	17.82	17.92	17.75		
10	64QAM	1	0	17.93	18.06	17.79		
10	64QAM	1	25	17.74	18.04	17.87	19.2	0
10	64QAM	1	49	17.89	17.75	17.87		
10	64QAM	25	0	17.85	17.87	17.87		
10	64QAM	25	12	17.76	17.91	17.85	19.2	0
10	64QAM	25	25	17.92	17.87	17.91		
10	64QAM	50	0	17.93	18.00	17.76		
10	256QAM	1	0	17.87	17.82	17.74		
10	256QAM	1	25	17.72	17.77	17.69	19	0.2
10	256QAM	1	49	17.69	17.70	17.71		
10	256QAM	25	0	17.78	17.68	17.67		
10	256QAM	25	12	17.69	17.68	17.60	19	0.2
10	256QAM	25	25	17.69	17.66	17.64		
10	256QAM	50	0	17.78	17.67	17.70		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.96	18.05	18.00		
5	QPSK	1	12	17.94	17.94	17.88	19.2	0
5	QPSK	1	24	17.97	17.93	17.97		
5	QPSK	12	0	17.95	18.03	17.84		
5	QPSK	12	7	18.03	17.90	18.00	19.2	0
5	QPSK	12	13	17.86	17.93	17.81		
5	QPSK	25	0	17.94	17.93	17.94		
5	16QAM	1	0	17.85	17.97	17.81		
5	16QAM	1	12	17.84	17.87	17.80	19.2	0
5	16QAM	1	24	17.83	17.84	17.90		
5	16QAM	12	0	17.86	17.82	17.85		
5	16QAM	12	7	17.80	17.86	17.82	19.2	0
5	16QAM	12	13	17.90	17.75	17.83		
5	16QAM	25	0	17.84	17.96	17.79		
5	64QAM	1	0	17.87	18.04	17.77		
5	64QAM	1	12	17.68	17.94	17.84	19.2	0
5	64QAM	1	24	17.91	17.76	17.87		
5	64QAM	12	0	17.87	17.88	17.91		
5	64QAM	12	7	17.83	17.83	17.92	19.2	0
5	64QAM	12	13	17.94	17.87	17.86		
5	64QAM	25	0	17.92	17.98	17.72		
5	256QAM	1	0	17.90	17.86	17.71		
5	256QAM	1	12	17.76	17.87	17.77	19	0.2
5	256QAM	1	24	17.77	17.68	17.69		
5	256QAM	12	0	17.74	17.75	17.66		
5	256QAM	12	7	17.64	17.72	17.64	19	0.2
5	256QAM	12	13	17.73	17.63	17.75		
5	256QAM	25	0	17.79	17.76	17.69		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.06	18.12	18.04		
3	QPSK	1	8	17.88	18.02	17.87	19.2	0
3	QPSK	1	14	17.88	17.93	18.01		
3	QPSK	8	0	17.99	18.10	17.91		
3	QPSK	8	4	18.01	17.99	17.89	19.2	0
3	QPSK	8	7	17.95	17.91	17.84		
3	QPSK	15	0	17.89	17.93	17.85		
3	16QAM	1	0	17.92	17.98	17.82		
3	16QAM	1	8	17.87	17.95	17.85	19.2	0
3	16QAM	1	14	17.90	17.87	17.92		
3	16QAM	8	0	17.94	17.85	17.85		
3	16QAM	8	4	17.79	17.95	17.83	19.2	0
3	16QAM	8	7	17.85	17.79	17.81		
3	16QAM	15	0	17.86	17.95	17.75		
3	64QAM	1	0	17.92	18.02	17.77		
3	64QAM	1	8	17.71	17.95	17.77	19.2	0
3	64QAM	1	14	17.80	17.68	17.89		
3	64QAM	8	0	17.86	17.96	17.84		
3	64QAM	8	4	17.79	17.80	17.86	19.2	0
3	64QAM	8	7	17.96	17.85	17.93		
3	64QAM	15	0	17.95	17.89	17.77		
3	256QAM	1	0	17.89	17.82	17.69		
3	256QAM	1	8	17.73	17.85	17.74	19	0.2
3	256QAM	1	14	17.71	17.65	17.73		
3	256QAM	8	0	17.74	17.75	17.66		
3	256QAM	8	4	17.64	17.64	17.69	19	0.2
3	256QAM	8	7	17.74	17.73	17.67		
3	256QAM	15	0	17.74	17.67	17.67		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.04	18.13	17.96		
1.4	QPSK	1	3	17.86	17.99	17.89		
1.4	QPSK	1	5	17.97	17.85	17.94	19.2	0
1.4	QPSK	3	0	18.03	18.03	17.89		
1.4	QPSK	3	1	18.00	17.98	17.98		
1.4	QPSK	3	3	17.93	17.84	17.83		
1.4	QPSK	6	0	17.90	18.00	17.93	19.2	0
1.4	16QAM	1	0	17.91	18.04	17.87		
1.4	16QAM	1	3	17.91	17.87	17.88		
1.4	16QAM	1	5	17.82	17.83	17.89	19.2	0
1.4	16QAM	3	0	17.96	17.91	17.88		
1.4	16QAM	3	1	17.78	17.88	17.82		
1.4	16QAM	3	3	17.93	17.81	17.88		
1.4	16QAM	6	0	17.82	17.91	17.73	19.2	0
1.4	64QAM	1	0	17.89	18.06	17.81		
1.4	64QAM	1	3	17.76	17.98	17.87		
1.4	64QAM	1	5	17.86	17.73	17.84	19.2	0
1.4	64QAM	3	0	17.84	17.87	17.90		
1.4	64QAM	3	1	17.85	17.83	17.90		
1.4	64QAM	3	3	17.94	17.81	17.86		
1.4	64QAM	6	0	17.90	17.92	17.79	19.2	0
1.4	256QAM	1	0	17.88	17.79	17.79		
1.4	256QAM	1	3	17.73	17.83	17.69		
1.4	256QAM	1	5	17.74	17.63	17.69	19	0.2
1.4	256QAM	3	0	17.72	17.77	17.73		
1.4	256QAM	3	1	17.68	17.68	17.63		
1.4	256QAM	3	3	17.80	17.68	17.72		
1.4	256QAM	6	0	17.78	17.68	17.62	19	0.2

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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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.25	18.30	18.27		
20	QPSK	1	49	18.17	18.23	18.13	19.5	0
20	QPSK	1	99	18.16	18.19	18.14		
20	QPSK	50	0	18.11	18.26	18.15		
20	QPSK	50	24	18.21	18.16	18.24	19.5	0
20	QPSK	50	50	18.18	18.20	18.15		
20	QPSK	100	0	18.20	18.23	18.19		
20	16QAM	1	0	18.22	18.17	18.16		
20	16QAM	1	49	18.08	18.15	18.11	19.5	0
20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1880	1880	1905		
20	QPSK	1	0	15.32	15.35	15.30	16.4	0
20	QPSK	1	49	15.27	15.23	15.24		
20	QPSK	1	99	15.22	15.32	15.16		
20	QPSK	50	0	15.20	15.31	15.17		
20	QPSK	50	24	15.20	15.27	15.27	16.4	0
20	QPSK	50	50	15.22	15.29	15.18		
20	QPSK	100	0	15.25	15.28	15.18		
20	16QAM	1	0	15.18	15.24	15.17		
20	16QAM	1	49	15.14	15.09	15.10	16.4	0
20	16QAM	1	99	15.16	15.21	15.02		
20	16QAM	50	0	15.08	15.21	15.14		
20	16QAM	50	24	15.08	15.24	15.16	16.4	0
20	16QAM	50	50	15.15	15.16	15.08		
20	16QAM	100	0	15.19	15.23	15.14		
20	64QAM	1	0	15.24	15.27	15.22		
20	64QAM	1	49	15.20	15.11	15.13	16.4	0
20	64QAM	1	99	15.16	15.23	15.09		
20	64QAM	50	0	15.07	15.25	15.11		
20	64QAM	50	24	15.16	15.23	15.22	16.4	0
20	64QAM	50	50	15.17	15.16	15.11		
20	64QAM	100	0	15.13	15.20	15.11		
20	256QAM	1	0	15.24	15.27	15.28		
20	256QAM	1	49	15.21	15.20	15.11	16.4	0
20	256QAM	1	99	15.17	15.21	15.06		
20	256QAM	50	0	15.10	15.24	15.12		
20	256QAM	50	24	15.13	15.24	15.22	16.4	0
20	256QAM	50	50	15.09	15.26	15.06		
20	256QAM	100	0	15.15	15.18	15.09		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	15.22	15.23	15.20	16.4	0
15	QPSK	1	37	15.14	15.14	15.17		
15	QPSK	1	74	15.16	15.25	15.05		
15	QPSK	36	0	15.11	15.19	15.12		
15	QPSK	36	20	15.07	15.23	15.17	16.4	0
15	QPSK	36	39	15.12	15.20	15.08		
15	QPSK	75	0	15.15	15.24	15.14		
15	16QAM	1	0	15.08	15.19	15.05		
15	16QAM	1	37	15.01	14.98	15.00	16.4	0
15	16QAM	1	74	15.04	15.17	14.90		
15	16QAM	36	0	15.04	15.10	15.04		
15	16QAM	36	20	15.00	15.12	15.03	16.4	0
15	16QAM	36	39	15.03	15.13	14.98		
15	16QAM	75	0	15.06	15.14	15.07		
15	64QAM	1	0	15.12	15.20	15.11		
15	64QAM	1	37	15.10	15.01	15.08	16.4	0
15	64QAM	1	74	15.12	15.16	15.03		
15	64QAM	36	0	14.97	15.22	15.04		
15	64QAM	36	20	15.10	15.17	15.19	16.4	0
15	64QAM	36	39	15.07	15.10	14.97		
15	64QAM	75	0	15.03	15.15	14.99		
15	256QAM	1	0	15.21	15.21	15.19		
15	256QAM	1	37	15.16	15.15	14.98	16.4	0
15	256QAM	1	74	15.10	15.10	15.04		
15	256QAM	36	0	15.04	15.17	15.00		
15	256QAM	36	20	15.03	15.20	15.09	16.4	0
15	256QAM	36	39	15.06	15.21	14.96		
15	256QAM	75	0	15.12	15.04	14.99		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.30	15.24	15.25	16.4	0
10	QPSK	1	25	15.22	15.20	15.16		
10	QPSK	1	49	15.10	15.21	15.09		
10	QPSK	25	0	15.16	15.22	15.07		
10	QPSK	25	12	15.07	15.20	15.14	16.4	0
10	QPSK	25	25	15.16	15.15	15.14		
10	QPSK	50	0	15.14	15.21	15.12		
10	16QAM	1	0	15.11	15.21	15.09		
10	16QAM	1	25	15.02	15.07	15.07	16.4	0
10	16QAM	1	49	15.07	15.13	14.90		
10	16QAM	25	0	15.02	15.18	15.02		
10	16QAM	25	12	15.03	15.13	15.06	16.4	0
10	16QAM	25	25	15.02	15.12	15.04		
10	16QAM	50	0	15.12	15.14	15.02		
10	64QAM	1	0	15.13	15.25	15.11		
10	64QAM	1	25	15.15	15.03	15.03	16.4	0
10	64QAM	1	49	15.03	15.11	15.06		
10	64QAM	25	0	15.00	15.16	14.99		
10	64QAM	25	12	15.11	15.12	15.12	16.4	0
10	64QAM	25	25	15.05	15.03	15.03		
10	64QAM	50	0	14.99	15.09	14.98		
10	256QAM	1	0	15.14	15.15	15.17		
10	256QAM	1	25	15.11	15.12	15.08	16.4	0
10	256QAM	1	49	15.09	15.18	15.02		
10	256QAM	25	0	15.01	15.20	15.06		
10	256QAM	25	12	15.08	15.13	15.13	16.4	0
10	256QAM	25	25	15.06	15.20	14.97		
10	256QAM	50	0	15.05	15.06	15.03		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	15.27	15.26	15.28	16.4	0
5	QPSK	1	12	15.14	15.13	15.21		
5	QPSK	1	24	15.15	15.28	15.08		
5	QPSK	12	0	15.08	15.27	15.08		
5	QPSK	12	7	15.09	15.14	15.23	16.4	0
5	QPSK	12	13	15.14	15.16	15.05		
5	QPSK	25	0	15.23	15.19	15.06		
5	16QAM	1	0	15.04	15.15	15.12		
5	16QAM	1	12	15.10	15.00	14.98	16.4	0
5	16QAM	1	24	15.08	15.10	14.99		
5	16QAM	12	0	14.95	15.11	15.06		
5	16QAM	12	7	14.99	15.17	15.06	16.4	0
5	16QAM	12	13	15.10	15.11	15.06		
5	16QAM	25	0	15.13	15.12	15.02		
5	64QAM	1	0	15.20	15.25	15.08		
5	64QAM	1	12	15.12	15.09	15.00	16.4	0
5	64QAM	1	24	15.09	15.19	15.01		
5	64QAM	12	0	15.05	15.22	15.05		
5	64QAM	12	7	15.04	15.14	15.08	16.4	0
5	64QAM	12	13	15.03	15.04	15.04		
5	64QAM	25	0	15.06	15.13	15.01		
5	256QAM	1	0	15.10	15.16	15.15		
5	256QAM	1	12	15.10	15.09	15.02	16.4	0
5	256QAM	1	24	15.08	15.12	14.93		
5	256QAM	12	0	14.96	15.22	15.09		
5	256QAM	12	7	15.05	15.21	15.16	16.4	0
5	256QAM	12	13	15.02	15.15	14.99		
5	256QAM	25	0	15.07	15.15	15.02		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.24	15.26	15.20	16.4	0
3	QPSK	1	8	15.19	15.16	15.16		
3	QPSK	1	14	15.13	15.18	15.10		
3	QPSK	8	0	15.12	15.18	15.14		
3	QPSK	8	4	15.15	15.19	15.16	16.4	0
3	QPSK	8	7	15.18	15.23	15.06		
3	QPSK	15	0	15.17	15.19	15.08		
3	16QAM	1	0	15.12	15.12	15.10		
3	16QAM	1	8	15.09	15.06	14.99	16.4	0
3	16QAM	1	14	15.11	15.17	14.94		
3	16QAM	8	0	15.05	15.12	15.06		
3	16QAM	8	4	14.99	15.22	15.10	16.4	0
3	16QAM	8	7	15.13	15.11	14.95		
3	16QAM	15	0	15.09	15.13	15.11		
3	64QAM	1	0	15.18	15.20	15.11		
3	64QAM	1	8	15.13	15.01	15.03	16.4	0
3	64QAM	1	14	15.03	15.20	15.00		
3	64QAM	8	0	14.97	15.11	15.08		
3	64QAM	8	4	15.13	15.16	15.13	16.4	0
3	64QAM	8	7	15.05	15.04	15.02		
3	64QAM	15	0	15.10	15.06	15.02		
3	256QAM	1	0	15.10	15.14	15.25		
3	256QAM	1	8	15.13	15.06	15.08	16.4	0
3	256QAM	1	14	15.06	15.11	14.96		
3	256QAM	8	0	15.05	15.15	15.02		
3	256QAM	8	4	15.00	15.22	15.14	16.4	0
3	256QAM	8	7	14.98	15.14	15.03		
3	256QAM	15	0	15.12	15.14	14.98		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.24	15.26	15.19	16.4	0
1.4	QPSK	1	3	15.13	15.19	15.19		
1.4	QPSK	1	5	15.13	15.22	15.08		
1.4	QPSK	3	0	15.09	15.28	15.08		
1.4	QPSK	3	1	15.08	15.15	15.23		
1.4	QPSK	3	3	15.11	15.20	15.07		
1.4	QPSK	6	0	15.20	15.20	15.08	16.4	0
1.4	16QAM	1	0	15.09	15.16	15.12	16.4	0
1.4	16QAM	1	3	15.02	15.04	14.98		
1.4	16QAM	1	5	15.11	15.17	14.88		
1.4	16QAM	3	0	15.02	15.14	15.05		
1.4	16QAM	3	1	14.96	15.20	15.04		
1.4	16QAM	3	3	15.06	15.03	15.02		
1.4	16QAM	6	0	15.15	15.11	15.03	16.4	0
1.4	64QAM	1	0	15.14	15.16	15.15	16.4	0
1.4	64QAM	1	3	15.09	15.04	15.10		
1.4	64QAM	1	5	15.07	15.21	15.01		
1.4	64QAM	3	0	14.98	15.19	15.03		
1.4	64QAM	3	1	15.06	15.10	15.09		
1.4	64QAM	3	3	15.07	15.06	15.02		
1.4	64QAM	6	0	15.07	15.06	15.07	16.4	0
1.4	256QAM	1	0	15.22	15.16	15.25	16.4	0
1.4	256QAM	1	3	15.17	15.14	15.05		
1.4	256QAM	1	5	15.12	15.15	14.98		
1.4	256QAM	3	0	15.00	15.12	14.98		
1.4	256QAM	3	1	14.99	15.13	15.09		
1.4	256QAM	3	3	15.05	15.15	14.97		
1.4	256QAM	6	0	15.08	15.05	14.97	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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		17.14		18.3	0
10	QPSK	1	25		17.10			
10	QPSK	1	49		17.08			
10	QPSK	25	0		17.12		18.3	0
10	QPSK	25	12		17.02			
10	QPSK	25	25		17.00			
10	QPSK	50	0		17.09			
10	16QAM	1	0		17.01		18.3	0
10	16QAM	1	25		16.99			
10	16QAM	1	49		16.95			
10	16QAM	25	0		17.08		18.3	0
10	16QAM	25	12		16.93			
10	16QAM	25	25		16.97			
10	16QAM	50	0		17.02			
10	64QAM	1	0		17.01		18.3	0
10	64QAM	1	25		17.07			
10	64QAM	1	49		17.04			
10	64QAM	25	0		17.09		18.3	0
10	64QAM	25	12		16.95			
10	64QAM	25	25		16.91			
10	64QAM	50	0		16.98			
10	256QAM	1	0		17.03		18.3	0
10	256QAM	1	25		17.04			
10	256QAM	1	49		17.01			
10	256QAM	25	0		17.00		18.3	0
10	256QAM	25	12		16.90			
10	256QAM	25	25		16.91			
10	256QAM	50	0		17.06			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	17.02	17.06	17.03	18.3	0
5	QPSK	1	12	16.97	17.07	17.02		
5	QPSK	1	24	17.00	16.96	17.02		
5	QPSK	12	0	17.03	17.06	17.00	18.3	0
5	QPSK	12	7	16.92	16.90	16.88		
5	QPSK	12	13	16.89	16.87	16.95		
5	QPSK	25	0	17.00	17.03	16.99		
5	16QAM	1	0	16.95	16.94	16.94	18.3	0
5	16QAM	1	12	16.92	16.91	16.92		
5	16QAM	1	24	16.84	16.85	16.85		
5	16QAM	12	0	17.00	17.01	17.01	18.3	0
5	16QAM	12	7	16.89	16.87	16.85		
5	16QAM	12	13	16.92	16.86	16.93		
5	16QAM	25	0	16.95	16.97	16.98		
5	64QAM	1	0	16.92	16.90	16.91	18.3	0
5	64QAM	1	12	17.04	16.93	17.02		
5	64QAM	1	24	17.00	16.99	16.92		
5	64QAM	12	0	16.98	17.07	16.97	18.3	0
5	64QAM	12	7	16.92	16.87	16.81		
5	64QAM	12	13	16.84	16.81	16.81		
5	64QAM	25	0	16.95	16.96	16.85		
5	256QAM	1	0	16.89	16.99	16.95	18.3	0
5	256QAM	1	12	17.01	16.97	17.01		
5	256QAM	1	24	16.88	16.88	16.94		
5	256QAM	12	0	16.93	16.95	16.93	18.3	0
5	256QAM	12	7	16.78	16.83	16.80		
5	256QAM	12	13	16.83	16.79	16.86		
5	256QAM	25	0	17.03	16.97	16.99		

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BW [MHz]	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	18.18	18.20	18.15	19.2	0
20	QPSK	1	49	18.07	18.14	18.09		
20	QPSK	1	99	18.07	18.08	18.10		
20	QPSK	50	0	18.09	18.17	18.06		
20	QPSK	50	24	18.10	18.10	18.10	19.2	0
20	QPSK	50	50	18.14	18.06	18.02		
20	QPSK	100	0	18.13	18.15	18.07		
20	16QAM	1	0	18.12	18.13	18.07		
20	16QAM	1	49	18.05	18.02	18.03	19.2	0
20	16QAM	1	99	17.98	17.97	18.06		
20	16QAM	50	0	18.05	18.04	18.03		
20	16QAM	50	24	18.00	18.04	18.08	19.2	0
20	16QAM	50	50	18.06	17.94	17.93		
20	16QAM	100	0	18.00	18.05	17.93		
20	64QAM	1	0	18.05	18.12	18.04		
20	64QAM	1	49	17.95	18.10	18.02	19.2	0
20	64QAM	1	99	18.05	17.95	18.00		
20	64QAM	50	0	17.98	18.09	17.98		
20	64QAM	50	24	18.01	18.02	18.08	19.2	0
20	64QAM	50	50	18.07	17.98	18.00		
20	64QAM	100	0	18.02	18.13	17.99		
20	256QAM	1	0	17.96	17.92	17.88		
20	256QAM	1	49	17.94	17.94	17.84	19	0.2
20	256QAM	1	99	17.88	17.79	17.87		
20	256QAM	50	0	17.90	17.88	17.87		
20	256QAM	50	24	17.86	17.91	17.81	19	0.2
20	256QAM	50	50	17.94	17.81	17.83		
20	256QAM	100	0	17.93	17.93	17.84		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.07	18.06	18.13	19.2	0
15	QPSK	1	37	17.96	18.01	18.06		
15	QPSK	1	74	18.00	17.96	18.04		
15	QPSK	36	0	18.06	18.09	18.00		
15	QPSK	36	20	18.05	18.00	18.00	19.2	0
15	QPSK	36	39	18.03	17.96	17.89		
15	QPSK	75	0	18.05	18.06	17.97		
15	16QAM	1	0	18.07	18.07	17.98		
15	16QAM	1	37	17.97	17.95	17.91	19.2	0
15	16QAM	1	74	17.92	17.84	17.94		
15	16QAM	36	0	18.00	17.97	17.95		
15	16QAM	36	20	17.87	17.99	18.04	19.2	0
15	16QAM	36	39	17.96	17.87	17.89		
15	16QAM	75	0	17.97	17.91	17.88		
15	64QAM	1	0	18.02	18.00	18.00		
15	64QAM	1	37	17.83	18.03	17.94	19.2	0
15	64QAM	1	74	17.91	17.83	17.91		
15	64QAM	36	0	17.92	18.03	17.95		
15	64QAM	36	20	17.98	18.00	18.05	19.2	0
15	64QAM	36	39	18.00	17.93	17.92		
15	64QAM	75	0	17.91	18.11	17.97		
15	256QAM	1	0	17.85	17.90	17.82		
15	256QAM	1	37	17.80	17.87	17.73	19	0.2
15	256QAM	1	74	17.80	17.69	17.77		
15	256QAM	36	0	17.77	17.83	17.78		
15	256QAM	36	20	17.74	17.82	17.68	19	0.2
15	256QAM	36	39	17.84	17.77	17.77		
15	256QAM	75	0	17.83	17.88	17.71		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.05	18.10	18.04	19.2	0
10	QPSK	1	25	18.05	18.03	17.95		
10	QPSK	1	49	17.93	17.97	17.96		
10	QPSK	25	0	17.95	18.07	17.96		
10	QPSK	25	12	18.07	18.06	17.99	19.2	0
10	QPSK	25	25	18.12	18.00	17.93		
10	QPSK	50	0	18.00	18.03	17.96		
10	16QAM	1	0	18.05	18.02	17.96		
10	16QAM	1	25	18.02	17.92	17.92	19.2	0
10	16QAM	1	49	17.95	17.90	18.00		
10	16QAM	25	0	17.94	17.92	17.91		
10	16QAM	25	12	17.95	17.92	17.95	19.2	0
10	16QAM	25	25	18.01	17.82	17.89		
10	16QAM	50	0	17.93	17.95	17.87		
10	64QAM	1	0	17.99	18.05	17.96		
10	64QAM	1	25	17.83	18.02	17.91	19.2	0
10	64QAM	1	49	17.98	17.85	17.91		
10	64QAM	25	0	17.87	18.06	17.84		
10	64QAM	25	12	17.88	18.00	18.00	19.2	0
10	64QAM	25	25	17.94	17.88	17.89		
10	64QAM	50	0	17.90	18.02	17.85		
10	256QAM	1	0	17.94	17.89	17.82		
10	256QAM	1	25	17.77	17.84	17.78	19	0.2
10	256QAM	1	49	17.80	17.65	17.78		
10	256QAM	25	0	17.87	17.79	17.79		
10	256QAM	25	12	17.78	17.81	17.78	19	0.2
10	256QAM	25	25	17.88	17.78	17.79		
10	256QAM	50	0	17.82	17.87	17.73		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.06	18.08	18.11	19.2	0
5	QPSK	1	12	18.03	18.11	18.01		
5	QPSK	1	24	17.99	18.01	17.96		
5	QPSK	12	0	18.07	18.08	17.93		
5	QPSK	12	7	18.02	18.03	18.05	19.2	0
5	QPSK	12	13	18.05	17.98	17.93		
5	QPSK	25	0	18.09	18.10	17.97		
5	16QAM	1	0	18.03	18.08	17.99		
5	16QAM	1	12	18.01	17.94	17.97	19.2	0
5	16QAM	1	24	17.93	17.86	17.94		
5	16QAM	12	0	17.95	17.97	18.00		
5	16QAM	12	7	17.97	17.98	17.98	19.2	0
5	16QAM	12	13	17.95	17.81	17.85		
5	16QAM	25	0	17.87	18.02	17.87		
5	64QAM	1	0	18.00	18.05	17.93		
5	64QAM	1	12	17.88	18.05	17.94	19.2	0
5	64QAM	1	24	17.99	17.94	17.97		
5	64QAM	12	0	17.90	17.97	17.87		
5	64QAM	12	7	17.91	17.99	17.95	19.2	0
5	64QAM	12	13	18.05	17.90	17.94		
5	64QAM	25	0	17.99	18.02	17.86		
5	256QAM	1	0	17.84	17.79	17.78		
5	256QAM	1	12	17.81	17.86	17.72	19	0.2
5	256QAM	1	24	17.84	17.71	17.76		
5	256QAM	12	0	17.86	17.78	17.75		
5	256QAM	12	7	17.83	17.86	17.73	19	0.2
5	256QAM	12	13	17.84	17.78	17.69		
5	256QAM	25	0	17.87	17.83	17.71		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.10	18.08	18.10	19.2	0
3	QPSK	1	8	17.93	18.03	17.99		
3	QPSK	1	14	17.99	17.95	17.96		
3	QPSK	8	0	17.99	18.08	18.00		
3	QPSK	8	4	18.07	18.05	17.99	19.2	0
3	QPSK	8	7	18.09	18.03	17.93		
3	QPSK	15	0	18.09	18.03	17.95		
3	16QAM	1	0	18.06	18.06	18.00		
3	16QAM	1	8	17.98	17.92	17.94	19.2	0
3	16QAM	1	14	17.94	17.85	17.99		
3	16QAM	8	0	17.92	17.97	17.98		
3	16QAM	8	4	17.91	17.93	18.02	19.2	0
3	16QAM	8	7	18.02	17.85	17.90		
3	16QAM	15	0	17.94	17.92	17.86		
3	64QAM	1	0	17.99	18.06	18.00		
3	64QAM	1	8	17.82	17.98	17.94	19.2	0
3	64QAM	1	14	17.93	17.85	17.86		
3	64QAM	8	0	17.84	18.04	17.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.56	19.65	19.64	20.8	0
20	QPSK	1	49	19.54	19.57	19.52		
20	QPSK	1	99	19.45	19.57	19.58		
20	QPSK	50	0	19.51	19.63	19.42		
20	QPSK	50	24	19.51	19.47	19.46		
20	QPSK	50	50	19.48	19.53	19.47		
20	QPSK	100	0	19.48	19.56	19.43		
20	16QAM	1	0	19.49	19.51	19.43		
20	16QAM	1	49	19.45	19.49	19.40	20.8	0
20	16QAM	1	99	19.39	19.49	19.48		
20	16QAM	50	0	19.38	19.44	19.39		
20	16QAM	50	24	19.46	19.37	19.32	20.8	0
20	16QAM	50	50	19.37	19.50	19.37		
20	16QAM	100	0	19.37	19.46	19.49		
20	64QAM	1	0	19.51	19.45	19.54		
20	64QAM	1	49	19.44	19.48	19.36	20.8	0
20	64QAM	1	99	19.42	19.52	19.49		
20	64QAM	50	0	19.36	19.53	19.41		
20	64QAM	50	24	19.39	19.46	19.36	20.8	0
20	64QAM	50	50	19.40	19.51	19.40		
20	64QAM	100	0	19.48	19.43	19.45		
20	256QAM	1	0	18.74	18.88	18.80	20	0.8
20	256QAM	1	49	18.73	18.73	18.57		
20	256QAM	1	99	18.68	18.72	18.78		
20	256QAM	50	0	18.69	18.79	18.67	20	0.8
20	256QAM	50	24	18.69	18.69	18.75		
20	256QAM	50	50	18.69	18.68	18.64		
20	256QAM	100	0	18.72	18.69	18.73		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.43	19.63	19.60	20.8	0
15	QPSK	1	37	19.51	19.47	19.47		
15	QPSK	1	74	19.37	19.46	19.48		
15	QPSK	36	0	19.39	19.57	19.39		
15	QPSK	36	20	19.38	19.41	19.41	20.8	0
15	QPSK	36	39	19.43	19.45	19.41		
15	QPSK	75	0	19.45	19.52	19.32		
15	16QAM	1	0	19.39	19.46	19.33		
15	16QAM	1	37	19.39	19.37	19.36	20.8	0
15	16QAM	1	74	19.25	19.40	19.41		
15	16QAM	36	0	19.28	19.32	19.33		
15	16QAM	36	20	19.39	19.28	19.19	20.8	0
15	16QAM	36	39	19.26	19.41	19.26		
15	16QAM	75	0	19.26	19.42	19.40		
15	64QAM	1	0	19.45	19.32	19.50		
15	64QAM	1	37	19.35	19.44	19.31	20.8	0
15	64QAM	1	74	19.30	19.38	19.41		
15	64QAM	36	0	19.32	19.50	19.37		
15	64QAM	36	20	19.31	19.33	19.24	20.8	0
15	64QAM	36	39	19.32	19.45	19.35		
15	64QAM	75	0	19.36	19.32	19.43		
15	256QAM	1	0	18.68	18.76	18.71	20	0.8
15	256QAM	1	37	18.70	18.63	18.47		
15	256QAM	1	74	18.55	18.59	18.71		
15	256QAM	36	0	18.66	18.72	18.58	20	0.8
15	256QAM	36	20	18.62	18.61	18.64		
15	256QAM	36	39	18.64	18.54	18.57		
15	256QAM	75	0	18.65	18.64	18.67		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.53	19.52	19.60	20.8	0
10	QPSK	1	25	19.40	19.51	19.44		
10	QPSK	1	49	19.40	19.47	19.46		
10	QPSK	25	0	19.37	19.54	19.40		
10	QPSK	25	12	19.41	19.41	19.44	20.8	0
10	QPSK	25	25	19.42	19.45	19.36		
10	QPSK	50	0	19.42	19.48	19.30		
10	16QAM	1	0	19.36	19.45	19.38		
10	16QAM	1	25	19.37	19.45	19.36	20.8	0
10	16QAM	1	49	19.33	19.40	19.42		
10	16QAM	25	0	19.27	19.40	19.28		
10	16QAM	25	12	19.44	19.25	19.21	20.8	0
10	16QAM	25	25	19.26	19.41	19.24		
10	16QAM	50	0	19.35	19.38	19.38		
10	64QAM	1	0	19.38	19.43	19.45		
10	64QAM	1	25	19.34	19.43	19.28	20.8	0
10	64QAM	1	49	19.31	19.46	19.38		
10	64QAM	25	0	19.30	19.43	19.27		
10	64QAM	25	12	19.29	19.39	19.32	20.8	0
10	64QAM	25	25	19.31	19.42	19.36		
10	64QAM	50	0	19.43	19.33	19.31		
10	256QAM	1	0	18.62	18.80	18.67	20	0.8
10	256QAM	1	25	18.65	18.66	18.48		
10	256QAM	1	49	18.56	18.63	18.71		
10	256QAM	25	0	18.63	18.74	18.60	20	0.8
10	256QAM	25	12	18.55	18.67	18.72		
10	256QAM	25	25	18.66	18.58	18.57		
10	256QAM	50	0	18.69	18.56	18.66		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.43	19.54	19.60	20.8	0
5	QPSK	1	12	19.41	19.54	19.41		
5	QPSK	1	24	19.40	19.52	19.55		
5	QPSK	12	0	19.43	19.51	19.29		
5	QPSK	12	7	19.45	19.40	19.32	20.8	0
5	QPSK	12	13	19.42	19.42	19.45		
5	QPSK	25	0	19.37	19.54	19.39		
5	16QAM	1	0	19.37	19.41	19.37		
5	16QAM	1	12	19.31	19.47	19.37	20.8	0
5	16QAM	1	24	19.33	19.41	19.42		
5	16QAM	12	0	19.30	19.42	19.34		
5	16QAM	12	7	19.36	19.35	19.27	20.8	0
5	16QAM	12	13	19.26	19.36	19.24		
5	16QAM	25	0	19.35	19.36	19.35		
5	64QAM	1	0	19.38	19.34	19.50		
5	64QAM	1	12	19.32	19.35	19.31	20.8	0
5	64QAM	1	24	19.38	19.39	19.42		
5	64QAM	12	0	19.27	19.49	19.38		
5	64QAM	12	7	19.35	19.38	19.32	20.8	0
5	64QAM	12	13	19.26	19.46	19.27		
5	64QAM	25	0	19.36	19.30	19.41		
5	256QAM	1	0	18.70	18.86	18.69	20	0.8
5	256QAM	1	12	18.60	18.62	18.46		
5	256QAM	1	24	18.58	18.64	18.64		
5	256QAM	12	0	18.63	18.68	18.57	20	0.8
5	256QAM	12	7	18.65	18.64	18.66		
5	256QAM	12	13	18.57	18.63	18.55		
5	256QAM	25	0	18.68	18.65	18.65		

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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	19.62	19.64	19.70	19.67	19.65	20.8	0
20	QPSK	1	49	19.52	19.62	19.60	19.55	19.56		
20	QPSK	1	99	19.53	19.54	19.62	19.62	19.59		
20	QPSK	50	0	19.58	19.61	19.68	19.54	19.62		
20	QPSK	50	24	19.51	19.57	19.57	19.58	19.57		
20	QPSK	50	50	19.54	19.56	19.65	19.53	19.62		
20	QPSK	100	0	19.48	19.56	19.63	19.55	19.57		
20	16QAM	1	0	19.57	19.56	19.60	19.55	19.53		
20	16QAM	1	49	19.38	19.50	19.53	19.48	19.44	20.8	0
20	16QAM	1	99	19.49	19.51	19.52	19.53	19.56		
20	16QAM	50	0	19.51	19.51	19.56	19.43	19.53		
20	16QAM	50	24	19.39	19.52	19.45	19.44	19.47	20.8	0
20	16QAM	50	50	19.52	19.46	19.57	19.46	19.50		
20	16QAM	100	0	19.43	19.43	19.56	19.52	19.54		
20	64QAM	1	0	19.49	19.53	19.57	19.60	19.59		
20	64QAM	1	49	19.41	19.48	19.56	19.46	19.43	20.8	0
20	64QAM	1	99	19.47	19.50	19.59	19.51	19.48		
20	64QAM	50	0	19.51	19.48	19.63	19.46	19.57		
20	64QAM	50	24	19.39	19.49	19.53	19.45	19.51	20.8	0
20	64QAM	50	50	19.46	19.52	19.61	19.50	19.56		
20	64QAM	100	0	19.39	19.53	19.51	19.52	19.49		
20	256QAM	1	0	18.83	18.79	18.94	18.83	18.80	20	0.8
20	256QAM	1	49	18.73	18.79	18.78	18.69	18.82		
20	256QAM	1	99	18.79	18.73	18.76	18.87	18.74		
20	256QAM	50	0	18.73	18.78	18.85	18.80	18.84		
20	256QAM	50	24	18.76	18.72	18.78	18.78	18.77	20	0.8
20	256QAM	50	50	18.72	18.74	18.82	18.73	18.77		
20	256QAM	100	0	18.64	18.80	18.83	18.76	18.82		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.50	19.54	19.57	19.61	19.59	21	0
15	QPSK	1	37	19.39	19.52	19.54	19.42	19.50		
15	QPSK	1	74	19.47	19.41	19.58	19.57	19.45		
15	QPSK	36	0	19.48	19.55	19.59	19.44	19.57		
15	QPSK	36	20	19.42	19.50	19.54	19.44	19.49	20.8	0
15	QPSK	36	39	19.48	19.54	19.54	19.43	19.60		
15	QPSK	75	0	19.36	19.53	19.54	19.49	19.48		
15	16QAM	1	0	19.53	19.50	19.54	19.51	19.51		
15	16QAM	1	37	19.30	19.47	19.50	19.35	19.35	20.8	0
15	16QAM	1	74	19.39	19.39	19.38	19.49	19.51		
15	16QAM	36	0	19.44	19.42	19.42	19.29	19.45		
15	16QAM	36	20	19.25	19.39	19.36	19.38	19.40	20.8	0
15	16QAM	36	39	19.45	19.41	19.45	19.33	19.44		
15	16QAM	75	0	19.32	19.36	19.53	19.48	19.51		
15	64QAM	1	0	19.40	19.40	19.44	19.48	19.47		
15	64QAM	1	37	19.31	19.39	19.45	19.32	19.37	20.8	0
15	64QAM	1	74	19.44	19.44	19.53	19.37	19.45		
15	64QAM	36	0	19.44	19.38	19.59	19.38	19.51		
15	64QAM	36	20	19.32	19.40	19.51	19.32	19.38	20.8	0
15	64QAM	36	39	19.43	19.48	19.51	19.41	19.46		
15	64QAM	75	0	19.31	19.40	19.39	19.41	19.39		
15	256QAM	1	0	18.78	18.72	18.92	18.78	18.73	20	0.8
15	256QAM	1	37	18.64	18.77	18.76	18.66	18.68		
15	256QAM	1	74	18.74	18.65	18.71	18.77	18.69		
15	256QAM	36	0	18.71	18.71	18.83	18.67	18.76	20	0.8
15	256QAM	36	20	18.62	18.67	18.76	18.66	18.66		
15	256QAM	36	39	18.70	18.66	18.71	18.71	18.75		
15	256QAM	75	0	18.59	18.69	18.76	18.72	18.69		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.53	19.54	19.59	19.61	19.62	21	0
10	QPSK	1	25	19.45	19.52	19.57	19.52	19.49		
10	QPSK	1	49	19.45	19.47	19.59	19.54	19.53		
10	QPSK	25	0	19.55	19.54	19.57	19.46	19.50		
10	QPSK	25	12	19.45	19.52	19.45	19.51	19.54	20.8	0
10	QPSK	25	25	19.49	19.46	19.57	19.48	19.50		
10	QPSK	50	0	19.34	19.53	19.58	19.52	19.51		
10	16QAM	1	0	19.44	19.42	19.58	19.43	19.42		
10	16QAM	1	25	19.33	19.38	19.40	19.40	19.41	20.8	0
10	16QAM	1	49	19.38	19.47	19.44	19.48	19.44		
10	16QAM	25	0	19.45	19.41	19.54	19.30	19.41		
10	16QAM	25	12	19.33	19.47	19.32	19.40	19.38	20.8	0
10	16QAM	25	25	19.42	19.35	19.46	19.39	19.37		
10	16QAM	50	0	19.29	19.30	19.43	19.40	19.46		
10	64QAM	1	0	19.46	19.44	19.50	19.53	19.56		
10	64QAM	1	25	19.38	19.41	19.46	19.32	19.40	20.8	0
10	64QAM	1	49	19.35	19.40	19.50	19.48	19.42		
10	64QAM	25	0	19.45	19.37	19.54	19.36	19.53		
10	64QAM	25	12	19.31	19.40	19.49	19.37	19.40	20.8	0
10	64QAM	25	25	19.43	19.42	19.56	19.41	19.51		
10	64QAM	50	0	19.29	19.49	19.44	19.48	19.45		
10	256QAM	1	0	18.73	18.70	18.91	18.78	18.68	20	0.8
10	256QAM	1	25	18.59	18.76	18.71	18.65	18.78		
10	256QAM	1	49	18.68	18.64	18.63	18.81	18.63		
10	256QAM	25	0	18.71	18.75	18.71	18.76	18.78	20	0.8
10	256QAM	25	12	18.65	18.68	18.67	18.66	18.73		
10	256QAM	25	25	18.67	18.66	18.76	18.69	18.67		
10	256QAM	50	0	18.59	18.66	18.71	18.74	18.70		
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	19.56	19.61	19.57	19.54	19.58	21	0
5	QPSK	1	12	19.38	19.53	19.52	19.48	19.45		
5	QPSK	1	24	19.45	19.51	19.58	19.50	19.49		
5	QPSK	12	0	19.47	19.53	19.58	19.42	19.60		
5	QPSK	12	7	19.48	19.46	19.52	19.52	19.46	20.8	0
5	QPSK	12	13	19.50	19.53	19.52	19.41	19.54		
5	QPSK	25	0	19.39	19.47	19.58	19.46	19.45		
5	16QAM	1	0	19.52	19.51	19.48	19.53	19.42		
5	16QAM	1	12	19.27	19.42	19.43	19.39	19.31	20.8	0
5	16QAM	1	24	19.45	19.40	19.44	19.49	19.45		
5	16QAM	12	0	19.43	19.40	19.52	19.30	19.40		
5	16QAM	12	7	19.34	19.45	19.33	19.30	19.36	20.8	0
5	16QAM	12	13	19.38	19.36	19.54	19.34	19.45		
5	16QAM	25	0	19.34	19.39	19.52	19.48	19.43		
5	64QAM	1	0	19.43	19.48	19.48	19.56	19.57		
5	64QAM	1	12	19.31	19.45	19.45	19.33	19.38	20.8	0
5	64QAM	1	24	19.44	19.47	19.52	19.46	19.35		
5	64QAM	12	0	19.47	19.42	19.61	19.37	19.50		
5	64QAM	12	7	19.29	19.45	19.40	19.44	19.44	20.8	0
5	64QAM	12	13	19.42	19.41	19.55	19.48	19.43		
5	64QAM	25	0	19.28	19.41	19.40	19.40	19.45		
5	256QAM	1	0	18.71	18.70	18.84	18.76	18.68	20	0.8
5	256QAM	1	12	18.61	18.68	18.66	18.63	18.72		
5	256QAM	1	24	18.65	18.61	18.64	18.76	18.64		
5	256QAM	12	0	18.69	18.69	18.80	18.70	18.81	20	0.8
5	256QAM	12	7	18.68	18.60	18.66	18.73	18.65		
5	256QAM	12	13	18.60	18.62	18.75	18.63	18.75		
5	256QAM	25	0	18.61	18.71	18.69	18.73	18.69		

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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	20.90	20.94	20.96	20.93	20.88	22.4	0
20	QPSK	1	49	20.83	20.89	20.93	20.84	20.78		
20	QPSK	1	99	20.76	20.86	20.86	20.84	20.76		
20	QPSK	50	0	20.80	20.86	20.92	20.86	20.79		
20	QPSK	50	24	20.81	20.88	20.82	20.89	20.75		
20	QPSK	50	50	20.80	20.84	20.86	20.85	20.83		
20	QPSK	100	0	20.80	20.86	20.91	20.81	20.84		
20	16QAM	1	0	20.77	20.91	20.90	20.83	20.84		
20	16QAM	1	49	20.76	20.81	20.82	20.74	20.69		
20	16QAM	1	99	20.73	20.81	20.77	20.70	20.66		
20	16QAM	50	0	20.67	20.73	20.83	20.76	20.72		
20	16QAM	50	24	20.68	20.81	20.73	20.85	20.72		
20	16QAM	50	50	20.73	20.81	20.75	20.74	20.70		
20	16QAM	100	0	20.70	20.76	20.79	20.70	20.78		
20	64QAM	1	0	20.83	20.90	20.83	20.82	20.78		
20	64QAM	1	49	20.74	20.85	20.88	20.71	20.69		
20	64QAM	1	99	20.68	20.72	20.84	20.75	20.72		
20	64QAM	50	0	20.68	20.83	20.82	20.74	20.71		
20	64QAM	50	24	20.73	20.76	20.71	20.78	20.64		
20	64QAM	50	50	20.76	20.82	20.83	20.79	20.77		
20	64QAM	100	0	20.76	20.75	20.80	20.73	20.78		
20	256QAM	1	0	20.82	20.83	20.89	20.80	20.85		
20	256QAM	1	49	20.76	20.84	20.88	20.81	20.71		
20	256QAM	1	99	20.67	20.79	20.74	20.71	20.74		
20	256QAM	50	0	20.66	20.73	20.84	20.84	20.70		
20	256QAM	50	24	20.70	20.82	20.73	20.82	20.62		
20	256QAM	50	50	20.71	20.78	20.77	20.74	20.79		
20	256QAM	100	0	20.72	20.81	20.84	20.71	20.72		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.82	20.85	20.86	20.80	20.79	22	0
15	QPSK	1	37	20.75	20.84	20.80	20.71	20.66		
15	QPSK	1	74	20.64	20.82	20.74	20.81	20.71		
15	QPSK	36	0	20.77	20.82	20.84	20.74	20.75		
15	QPSK	36	20	20.78	20.76	20.74	20.76	20.62	22.4	0
15	QPSK	36	39	20.66	20.78	20.76	20.82	20.77		
15	QPSK	75	0	20.68	20.74	20.78	20.79	20.76		
15	16QAM	1	0	20.74	20.83	20.84	20.73	20.81		
15	16QAM	1	37	20.64	20.68	20.79	20.69	20.59	22.4	0
15	16QAM	1	74	20.62	20.71	20.70	20.62	20.62		
15	16QAM	36	0	20.59	20.67	20.75	20.62	20.65		
15	16QAM	36	20	20.62	20.73	20.68	20.74	20.69	22.4	0
15	16QAM	36	39	20.60	20.71	20.63	20.62	20.64		
15	16QAM	75	0	20.57	20.71	20.73	20.57	20.69		
15	64QAM	1	0	20.69	20.83	20.73	20.71	20.72		
15	64QAM	1	37	20.64	20.72	20.83	20.59	20.55	22.4	0
15	64QAM	1	74	20.54	20.68	20.81	20.64	20.67		
15	64QAM	36	0	20.54	20.80	20.69	20.66	20.65		
15	64QAM	36	20	20.62	20.63	20.69	20.72	20.56	22.4	0
15	64QAM	36	39	20.64	20.74	20.70	20.65	20.63		
15	64QAM	75	0	20.73	20.73	20.78	20.70	20.69		
15	256QAM	1	0	20.78	20.72	20.83	20.67	20.77	22.4	0
15	256QAM	1	37	20.64	20.82	20.77	20.67	20.61		
15	256QAM	1	74	20.54	20.71	20.67	20.61	20.65		
15	256QAM	36	0	20.59	20.77	20.76	20.76	20.66		
15	256QAM	36	20	20.59	20.74	20.63	20.74	20.57	22.4	0
15	256QAM	36	39	20.65	20.66	20.65	20.62	20.76		
15	256QAM	75	0	20.59	20.68	20.70	20.59	20.58		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.83	20.86	20.89	20.88	20.81	22	0
10	QPSK	1	25	20.79	20.76	20.88	20.74	20.71		
10	QPSK	1	49	20.65	20.80	20.81	20.76	20.65		
10	QPSK	25	0	20.72	20.82	20.85	20.75	20.73		
10	QPSK	25	12	20.78	20.84	20.78	20.84	20.66	22.4	0
10	QPSK	25	25	20.76	20.71	20.79	20.73	20.79		
10	QPSK	50	0	20.73	20.74	20.84	20.77	20.71		
10	16QAM	1	0	20.66	20.83	20.84	20.78	20.76		
10	16QAM	1	25	20.72	20.70	20.77	20.68	20.64	22.4	0
10	16QAM	1	49	20.61	20.74	20.69	20.57	20.59		
10	16QAM	25	0	20.56	20.61	20.75	20.69	20.68		
10	16QAM	25	12	20.56	20.76	20.63	20.80	20.60	22.4	0
10	16QAM	25	25	20.63	20.75	20.63	20.61	20.61		
10	16QAM	50	0	20.58	20.68	20.70	20.58	20.65		
10	64QAM	1	0	20.70	20.85	20.77	20.75	20.73		
10	64QAM	1	25	20.68	20.73	20.83	20.64	20.55

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.31	21.43	21.29		
20	QPSK	1	49	21.28	21.28	21.31	22.6	0
20	QPSK	1	99	21.25	21.26	21.25		
20	QPSK	50	0	21.25	21.37	21.24		
20	QPSK	50	24	21.24	21.28	21.17	22.6	0
20	QPSK	50	50	21.21	21.34	21.32		
20	QPSK	100	0	21.23	21.26	21.24		
20	16QAM	1	0	21.32	21.22	21.22		
20	16QAM	1	49	21.20	21.19	21.19	22.6	0
20	16QAM	1	99	21.25	21.13	21.31		
20	16QAM	50	0	20.80	20.89	20.73		
20	16QAM	50	24	20.68	20.62	20.72	22	0.6
20	16QAM	50	50	20.96	20.78	20.67		
20	16QAM	100	0	20.66	20.69	20.65		
20	64QAM	1	0	20.62	20.62	20.62		
20	64QAM	1	49	20.66	20.64	20.70	22	0.6
20	64QAM	1	99	20.69	20.67	20.73		
20	64QAM	50	0	19.76	19.84	19.82		
20	64QAM	50	24	19.64	19.69	19.79	21	1.6
20	64QAM	50	50	19.72	19.59	19.73		
20	64QAM	100	0	19.69	19.73	19.64		
20	256QAM	1	0	17.68	17.80	17.72		
20	256QAM	1	49	17.66	17.63	17.75	19	3.6
20	256QAM	1	99	17.67	17.68	17.80		
20	256QAM	50	0	17.65	17.66	17.63		
20	256QAM	50	24	17.60	17.70	17.68	19	3.6
20	256QAM	50	50	17.57	17.76	17.65		
20	256QAM	100	0	17.66	17.75	17.73		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.22	21.38	21.22		
15	QPSK	1	37	21.22	21.21	21.17	22.6	0
15	QPSK	1	74	21.15	21.24	21.13		
15	QPSK	36	0	21.19	21.34	21.16		
15	QPSK	36	20	21.11	21.20	21.09	22.6	0
15	QPSK	36	39	21.17	21.27	21.30		
15	QPSK	75	0	21.18	21.24	21.18		
15	16QAM	1	0	21.28	21.13	21.15		
15	16QAM	1	37	21.09	21.10	21.05	22.6	0
15	16QAM	1	74	21.14	21.09	21.24		
15	16QAM	36	0	20.74	20.85	20.62		
15	16QAM	36	20	20.94	20.55	20.60	22	0.6
15	16QAM	36	39	20.53	20.71	20.54		
15	16QAM	75	0	20.62	20.62	20.62		
15	64QAM	1	0	20.59	20.60	20.58		
15	64QAM	1	37	20.59	20.53	20.58	22	0.6
15	64QAM	1	74	20.65	20.61	20.59		
15	64QAM	36	0	19.67	19.80	19.76		
15	64QAM	36	20	19.61	19.58	19.75	21	1.6
15	64QAM	36	39	19.68	19.46	19.61		
15	64QAM	75	0	19.57	19.68	19.53		
15	256QAM	1	0	17.58	17.77	17.67		
15	256QAM	1	37	17.62	17.54	17.72	19	3.6
15	256QAM	1	74	17.57	17.57	17.74		
15	256QAM	36	0	17.62	17.59	17.53		
15	256QAM	36	20	17.53	17.65	17.59	19	3.6
15	256QAM	36	39	17.47	17.70	17.54		
15	256QAM	75	0	17.61	17.65	17.60		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.15	21.41	21.20		
10	QPSK	1	25	21.15	21.23	21.19	22.6	0
10	QPSK	1	49	21.11	21.19	21.19		
10	QPSK	25	0	21.12	21.30	21.20		
10	QPSK	25	12	21.18	21.25	21.11	22.6	0
10	QPSK	25	25	21.13	21.29	21.21		
10	QPSK	50	0	21.11	21.22	21.15		
10	16QAM	1	0	21.19	21.15	21.09		
10	16QAM	1	25	21.11	21.11	21.12	22.6	0
10	16QAM	1	49	21.20	21.10	21.25		
10	16QAM	25	0	20.73	20.77	20.62		
10	16QAM	25	12	20.63	20.52	20.64	22	0.6
10	16QAM	25	25	20.93	20.64	20.54		
10	16QAM	50	0	20.64	20.61	20.57		
10	64QAM	1	0	20.57	20.55	20.51		
10	64QAM	1	25	20.55	20.51	20.60	22	0.6
10	64QAM	1	49	20.60	20.54	20.68		
10	64QAM	25	0	19.72	19.72	19.73		
10	64QAM	25	12	19.57	19.59	19.71	21	1.6
10	64QAM	25	25	19.61	19.49	19.65		
10	64QAM	50	0	19.66	19.66	19.54		
10	256QAM	1	0	17.62	17.73	17.69		
10	256QAM	1	25	17.59	17.49	17.70	19	3.6
10	256QAM	1	49	17.58	17.54	17.67		
10	256QAM	25	0	17.52	17.54	17.59		
10	256QAM	25	12	17.54	17.57	17.62	19	3.6
10	256QAM	25	25	17.46	17.63	17.59		
10	256QAM	50	0	17.59	17.67	17.65		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.26	21.39	21.26		
5	QPSK	1	12	21.23	21.22	21.27	22.6	0
5	QPSK	1	24	21.13	21.20	21.14		
5	QPSK	12	0	21.18	21.31	21.12		
5	QPSK	12	7	21.17	21.21	21.08	22.6	0
5	QPSK	12	13	21.11	21.23	21.20		
5	QPSK	25	0	21.18	21.17	21.12		
5	16QAM	1	0	21.26	21.18	21.17		
5	16QAM	1	12	21.06	21.05	21.11	22.6	0
5	16QAM	1	24	21.20	21.08	21.22		
5	16QAM	12	0	20.74	20.84	20.65		
5	16QAM	12	7	20.63	20.49	20.67	22	0.6
5	16QAM	12	13	20.53	20.75	20.63		
5	16QAM	25	0	20.53	20.58	20.55		
5	64QAM	1	0	20.53	20.50	20.58		
5	64QAM	1	12	20.57	20.61	20.56	22	0.6
5	64QAM	1	24	20.60	20.59	20.69		
5	64QAM	12	0	19.69	19.77	19.72		
5	64QAM	12	7	19.62	19.59	19.74	21	1.6
5	64QAM	12	13	19.62	19.49	19.68		
5	64QAM	25	0	19.57	19.66	19.55		
5	256QAM	1	0	17.61	17.75	17.59		
5	256QAM	1	12	17.58	17.54	17.63	19	3.6
5	256QAM	1	24	17.53	17.63	17.71		
5	256QAM	12	0	17.58	17.56	17.60		
5	256QAM	12	7	17.48	17.61	17.55	19	3.6
5	256QAM	12	13	17.52	17.62	17.61		
5	256QAM	25	0	17.59	17.63	17.63		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.17	21.34	21.22		
3	QPSK	1	8	21.23	21.25	21.28	22.6	0
3	QPSK	1	14	21.23	21.12	21.19		
3	QPSK	8	0	21.23	21.27	21.20		
3	QPSK	8	4	21.13	21.17	21.06	22.6	0
3	QPSK	8	7	21.17	21.28	21.21		
3	QPSK	15	0	21.19	21.25	21.11		
3	16QAM	1	0	21.24	21.08	21.10		
3	16QAM	1	8	21.07	21.16	21.08	22.6	0
3	16QAM	1	14	21.17	21.02	21.26		
3	16QAM	8	0	20.74	20.80	20.62		
3	16QAM	8	4	20.98	20.58	20.61	22	0.6
3	16QAM	8	7	20.51	20.66	20.57		
3	16QAM	15	0	20.63	20.62	20.56		
3	64QAM	1	0	20.59	20.55	20.49		
3	64QAM	1	8	20.60	20.54	20.58	22	0.6
3	64QAM	1	14	20.66	20.55	20.63		
3	64QAM	8	0	19.72	19.71	19.76		
3	64QAM	8	4	19.56	19.60	19.66	21	1.6
3	64QAM	8	7	19.61	19.54	19.65		
3	64QAM	15	0	19.56	19.69	19.54		
3	256QAM	1	0	17.61	17.76	17.63		
3	256QAM	1	8	17.61	17.58	17.63	19	3.6
3	256QAM	1	14	17.54	17.60	17.78		
3	256QAM	8	0	17.61	17.59	17.59		
3	256QAM	8	4	17.52	17.62	17.58	19	3.6
3	256QAM	8	7	17.51	17.62	17.52		
3	256QAM	15	0	17.61	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	21.27	21.40	21.18		
1.4	QPSK	1	3	21.22	21.19	21.23		
1.4	QPSK	1	5	21.21	21.13	21.14	22.6	0
1.4	QPSK	3	0	21.17	21.26	21.14		
1.4	QPSK	3	1	21.20	21.24	21.13		
1.4	QPSK	3	3	21.08	21.22	21.29		
1.4	QPSK	6	0	21.17	21.16	21.12	22.6	0
1.4	16QAM	1	0	21.19	21.16	21.10		
1.4	16QAM	1	3	21.16	21.11	21.05		
1.4	16QAM	1	5	21.18	21.04	21.23	22.6	0
1.4	16QAM	3	0	21.07	21.13	21.08		
1.4	16QAM	3	1	21.03	20.99	20.92		
1.4	16QAM	3	3	21.04	20.94	21.09		
1.4	16QAM	6	0	20.56	20.66	20.52	22	0.6
1.4	64QAM	1	0	20.57	20.48	20.58		
1.4	64QAM	1	3	20.56	20.60	20.64		
1.4	64QAM	1	5	20.59	20.53	20.60	22	0.6
1.4	64QAM	3	0	20.50	20.54	20.38		
1.4	64QAM	3	1	20.44	20.46	20.56		
1.4	64QAM	3	3	20.45	20.47	20.56		
1.4	64QAM	6	0	19.62	19.59	19.52	21	1.6
1.4	256QAM	1	0	17.65	17.66	17.69		
1.4	256QAM	1	3	17.61	17.57	17.66		
1.4	256QAM	1	5	17.61	17.60	17.74	19	3.6
1.4	256QAM	3	0	17.55	17.58	17.55		
1.4	256QAM	3	1	17.55	17.61	17.56		
1.4	256QAM	3	3	17.53	17.68	17.61		
1.4	256QAM	6	0	17.60	17.64	17.63	19	3.6

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.07	23.12	23.11		
20	QPSK	1	49	23.01	23.10	23.10	24	0
20	QPSK	1	99	23.09	23.06	23.06		
20	QPSK	50	0	22.03	22.18	22.08		
20	QPSK	50	24	22.04	22.05	22.06	23	1
20	QPSK	50	50	22.05	22.09	22.06		
20	QPSK	100	0	22.04	22.13	22.06		
20	16QAM	1	0	22.13	22.10	22.11		
20	16QAM	1	49	21.99	22.05	22.08	23	1
20	16QAM	1	99	22.05	22.06	22.11		
20	16QAM	50	0	20.99	21.19	21.12		
20	16QAM	50	24	21.01	21.01	21.03	22	2
20	16QAM	50	50	21.02	21.06	21.10		
20	16QAM	100	0	21.10	21.09	21.09		
20	64QAM	1	0	21.12	21.08	21.13		
20	64QAM	1	49	20.99	21.12	21.11	22	2
20	64QAM	1	99	21.06	21.07	21.10		
20	64QAM	50	0	20.04	20.23	20.12		
20	64QAM	50	24	20.07	20.07	20.11	21	3
20	64QAM	50	50	20.05	20.05	20.06		
20	64QAM	100	0	20.00	20.19	20.05		
20	256QAM	1	0	18.09	18.12	18.02		
20	256QAM	1	49	17.98	18.08	18.00	19	5
20	256QAM	1	99	18.02	18.04	18.10		
20	256QAM	50	0	17.99	18.09	18.01		
20	256QAM	50	24	18.09	18.11	18.09	19	5
20	256QAM	50	50	17.94	18.02	18.10		
20	256QAM	100	0	18.03	18.04	18.09		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.95	23.08	23.08		
15	QPSK	1	37	22.94	22.97	22.98	24	0
15	QPSK	1	74	23.02	23.00	22.94		
15	QPSK	36	0	21.90	22.08	22.00		
15	QPSK	36	20	21.93	22.00	21.98	23	1
15	QPSK	36	39	21.95	22.05	22.01		
15	QPSK	75	0	21.91	22.04	22.01		
15	16QAM	1	0	22.09	22.05	21.99		
15	16QAM	1	37	21.91	22.01	22.01	23	1
15	16QAM	1	74	22.00	21.96	22.02		
15	16QAM	36	0	20.89	21.16	21.02		
15	16QAM	36	20	20.95	20.87	20.99	22	2
15	16QAM	36	39	20.93	21.02	21.06		
15	16QAM	75	0	21.07	20.99	20.95		
15	64QAM	1	0	21.09	20.98	21.02		
15	64QAM	1	37	20.93	20.98	20.99	22	2
15	64QAM	1	74	21.00	20.93	21.04		
15	64QAM	36	0	20.00	20.09	20.09		
15	64QAM	36	20	19.97	20.00	20.00	21	3
15	64QAM	36	39	20.03	19.99	19.96		
15	64QAM	75	0	19.96	20.16	19.99		
15	256QAM	1	0	18.06	18.09	17.96		
15	256QAM	1	37	17.91	18.00	17.95	19	5
15	256QAM	1	74	17.93	17.98	17.98		
15	256QAM	36	0	17.89	17.96	17.87		
15	256QAM	36	20	17.95	18.09	18.00	19	5
15	256QAM	36	39	17.85	17.95	18.01		
15	256QAM	75	0	17.91	17.94	17.99		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.95	23.07	23.02		
10	QPSK	1	25	22.88	23.06	23.03	24	0
10	QPSK	1	49	22.96	22.99	22.93		
10	QPSK	25	0	21.95	22.09	21.99		
10	QPSK	25	12	22.02	21.97	22.00	23	1
10	QPSK	25	25	21.93	22.00	22.01		
10	QPSK	50	0	22.01	22.02	21.94		
10	16QAM	1	0	22.03	22.04	22.08		
10	16QAM	1	25	21.94	21.92	21.96	23	1
10	16QAM	1	49	22.01	21.97	22.06		
10	16QAM	25	0	20.96	21.09	21.05		
10	16QAM	25	12	20.95	20.91	20.99	22	2
10	16QAM	25	25	20.92	21.01	20.96		
10	16QAM	50	0	21.07	20.99	21.07		
10	64QAM	1	0	21.03	20.96	21.07		
10	64QAM	1	25	20.92	21.07	21.07	22	2
10	64QAM	1	49	21.01	21.00	21.04		
10	64QAM	25	0	19.98	20.16	19.99		
10	64QAM	25	12	19.98	19.98	20.04	21	3
10	64QAM	25	25	19.98	19.93	19.93		
10	64QAM	50	0	19.92	20.14	19.98		
10	256QAM	1	0	18.06	18.08	17.95		
10	256QAM	1	25	17.84	17.99	17.88	19	5
10	256QAM	1	49	17.91	17.97	17.96		
10	256QAM	25	0	17.87	18.00	17.90		
10	256QAM	25	12	17.95	18.01	18.04	19	5
10	256QAM	25	25	17.90	17.95	18.03		
10	256QAM	50	0	17.97	17.92	18.05		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.98	23.01	23.04		
5	QPSK	1	12	22.93	23.03	22.96	24	0
5	QPSK	1	24	22.95	22.97	23.00		
5	QPSK	12	0	21.93	22.11	22.02		
5	QPSK	12	7	21.96	22.00	21.99	23	1
5	QPSK	12	13	22.01	21.99	22.00		
5	QPSK	25	0	22.01	22.05	21.98		
5	16QAM	1	0	22.09	22.06	21.97		
5	16QAM	1	12	21.90	21.95	21.95	23	1
5	16QAM	1	24	22.00	21.98	22.04		
5	16QAM	12	0	20.93	21.07	21.05		
5	16QAM	12	7	20.97	20.90	20.98	22	2
5	16QAM	12	13	20.95	21.03	21.07		
5	16QAM	25	0	21.07	21.00	21.02		
5	64QAM	1	0	21.05	21.01	21.00		
5	64QAM	1	12	20.87	21.02	21.04	22	2
5	64QAM	1	24	21.04	20.98	20.97		
5	64QAM	12	0	19.95	20.11	20.07		
5	64QAM	12	7	20.02	20.03	20.07	21	3
5	64QAM	12	13	19.96	19.94	19.97		
5	64QAM	25	0	19.88	20.13	20.02		
5	256QAM	1	0	18.03	18.01	17.94		
5	256QAM	1	12	17.90	18.02	17.96	19	5
5	256QAM	1	24	17.89	17.92	18.06		
5	256QAM	12	0	17.96	17.95	17.95		
5	256QAM	12	7	17.97	18.02	18.00	19	5
5	256QAM	12	13	17.86	17.99	18.02		
5	256QAM	25	0	17.95	18.01	18.03		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.99	23.06	23.08		
3	QPSK	1	8	22.94	22.99	22.98	24	0
3	QPSK	1	14	23.01	23.00	23.01		
3	QPSK	8	0	21.91	22.15	22.02		
3	QPSK	8	4	22.01	22.00	21.99	23	1
3	QPSK	8	7	21.92	22.03	21.94		
3	QPSK	15	0	22.01	22.08	21.93		
3	16QAM	1	0	22.06	21.98	22.06		
3	16QAM	1	8	21.97	21.95	21.99	23	1
3	16QAM	1	14	22.00	22.01	22.05		
3	16QAM	8	0	20.94	21.13	21.10		
3	16QAM	8	4	20.98	20.89	20.98	22	2
3	16QAM	8	7	20.99	21.04	20.99		
3	16QAM	15	0	20.98	21.00	20.98		
3	64QAM	1	0	21.00	21.06	20.99		
3	64QAM	1	8	20.86	21.08	21.08	22	2
3	64QAM	1	14	20.95	20.99	21.08		
3	64QAM	8	0	19.98	20.20	20.08		
3	64QAM	8	4	19.98	20.02	20.00	21	3
3	64QAM	8	7	20.00	19.94	19.95		
3	64QAM	15	0	19.92	20.10	20.02		
3	256QAM	1	0	18.01	17.99	17.94		
3	256QAM	1	8	17.91	18.01	17.91	19	5
3	256QAM	1	14	17.99	17.93	18.02		
3	256QAM	8	0	17.94	18.00	17.93		
3	256QAM	8	4	18.00	18.05	18.05	19	5
3	256QAM	8	7	17.80	17.97	18.00		
3	256QAM	15	0	17.95	18.02	18.05		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.96	23.03	23.05		
1.4	QPSK	1	3	22.93	23.06	23.06		
1.4	QPSK	1	5	22.98	23.04	22.94	24	0
1.4	QPSK	3	0	22.91	22.96	22.94		
1.4	QPSK	3	1	22.88	22.97	23.04		
1.4	QPSK	3	3	22.86	22.95	22.81		
1.4	QPSK	6	0	21.91	22.05	21.97	23	1
1.4	16QAM	1	0	22.06	21.96	21.97		
1.4	16QAM	1	3	21.93	21.94	22.06		
1.4	16QAM	1	5	21.96	21.98	22.01	23	1
1.4	16QAM	3	0	21.82	21.99	21.87		
1.4	16QAM	3	1	21.99	21.94	21.93		
1.4	16QAM	3	3	21.79	21.92	21.95		
1.4	16QAM	6	0	21.06	21.05	20.99	22	2
1.4	64QAM	1	0	21.02	20.98	21.06		
1.4	64QAM	1	3	20.92	21.09	21.01		
1.4	64QAM	1	5	21.01	20.98	21.06	22	2
1.4	64QAM	3	0	21.02	20.99	20.88		
1.4	64QAM	3	1	20.99	20.96	20.93		
1.4	64QAM	3	3	20.88	21.02	20.89		
1.4	64QAM	6	0	19.93	20.10	19.91	21	3
1.4	256QAM	1	0	18.06	18.07	18.00		
1.4	256QAM	1	3	17.89	17.95	17.86		
1.4	256QAM	1	5	17.91	17.90	18.03	19	5
1.4	256QAM	3	0	17.90	17.98	17.91		
1.4	256QAM	3	1	18.06	18.04	18.06		
1.4	256QAM	3	3	17.90	17.94	18.04		
1.4	256QAM	6	0	17.95	17.97	18.05	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.75	19.83	19.79		
20	QPSK	1	49	19.68	19.69	19.67	21.1	0
20	QPSK	1	99	19.72	19.80	19.70		
20	QPSK	50	0	19.65	19.80	19.67		
20	QPSK	50	24	19.62	19.77	19.70	21.1	0
20	QPSK	50	50	19.68	19.72	19.77		
20	QPSK	100	0	19.72	19.76	19.72		
20	16QAM	1	0	19.64	19.71	19.71		
20	16QAM	1	49	19.59	19.66	19.60	21.1	0
20	16QAM	1	99	19.61	19.72	19.57		
20	16QAM	50	0	19.55	19.72	19.64		
20	16QAM	50	24	19.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1880	1880	1905		
20	QPSK	1	0	21.40	21.45	21.41	22.6	0
20	QPSK	1	49	21.36	21.34	21.38		
20	QPSK	1	99	21.33	21.35	21.37		
20	QPSK	50	0	21.33	21.40	21.36		
20	QPSK	50	24	21.33	21.37	21.30	22.6	0
20	QPSK	50	50	21.31	21.39	21.35		
20	QPSK	100	0	21.36	21.38	21.37		
20	16QAM	1	0	21.36	21.32	21.30		
20	16QAM	1	49	21.32	21.22	21.26	22.6	0
20	16QAM	1	99	21.30	21.24	21.33		
20	16QAM	50	0	20.85	20.91	20.82		
20	16QAM	50	24	20.77	20.73	20.83	22	0.6
20	16QAM	50	50	20.68	20.80	20.77		
20	16QAM	100	0	20.76	20.81	20.77		
20	64QAM	1	0	20.71	20.73	20.67		
20	64QAM	1	49	20.69	20.75	20.78	22	0.6
20	64QAM	1	99	20.78	20.80	20.76		
20	64QAM	50	0	19.79	19.87	19.85		
20	64QAM	50	24	19.72	19.79	19.83	21	1.6
20	64QAM	50	50	19.77	19.71	19.80		
20	64QAM	100	0	19.75	19.83	19.72		
20	256QAM	1	0	17.76	17.85	17.76		
20	256QAM	1	49	17.77	17.69	17.82	19	3.6
20	256QAM	1	99	17.73	17.71	17.83		
20	256QAM	50	0	17.72	17.77	17.76		
20	256QAM	50	24	17.71	17.73	17.76	19	3.6
20	256QAM	50	50	17.65	17.78	17.72		
20	256QAM	100	0	17.72	17.81	17.82		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.32	21.37	21.30	22.6	0
15	QPSK	1	37	21.29	21.35	21.32		
15	QPSK	1	74	21.21	21.23	21.35		
15	QPSK	36	0	21.29	21.37	21.23		
15	QPSK	36	20	21.24	21.26	21.20	22.6	0
15	QPSK	36	39	21.18	21.35	21.32		
15	QPSK	75	0	21.33	21.24	21.33		
15	16QAM	1	0	21.31	21.24	21.24		
15	16QAM	1	37	21.29	21.09	21.22	22.6	0
15	16QAM	1	74	21.21	21.20	21.24		
15	16QAM	36	0	20.71	20.86	20.73		
15	16QAM	36	20	20.65	20.62	20.73	22	0.6
15	16QAM	36	39	20.58	20.71	20.69		
15	16QAM	75	0	20.66	20.79	20.66		
15	64QAM	1	0	20.64	20.62	20.65		
15	64QAM	1	37	20.59	20.70	20.73	22	0.6
15	64QAM	1	74	20.65	20.73	20.71		
15	64QAM	36	0	19.70	19.80	19.73		
15	64QAM	36	20	19.65	19.70	19.76	21	1.6
15	64QAM	36	39	19.69	19.59	19.71		
15	64QAM	75	0	19.73	19.78	19.68		
15	256QAM	1	0	17.63	17.74	17.72		
15	256QAM	1	37	17.68	17.65	17.78	19	3.6
15	256QAM	1	74	17.60	17.68	17.80		
15	256QAM	36	0	17.67	17.74	17.67		
15	256QAM	36	20	17.68	17.62	17.64	19	3.6
15	256QAM	36	39	17.52	17.70	17.59		
15	256QAM	75	0	17.64	17.75	17.73		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.37	21.38	21.32	22.6	0
10	QPSK	1	25	21.32	21.22	21.33		
10	QPSK	1	49	21.28	21.22	21.24		
10	QPSK	25	0	21.26	21.37	21.27		
10	QPSK	25	12	21.29	21.30	21.25	22.6	0
10	QPSK	25	25	21.19	21.28	21.23		
10	QPSK	50	0	21.34	21.24	21.30		
10	16QAM	1	0	21.31	21.26	21.19		
10	16QAM	1	25	21.21	21.10	21.15	22.6	0
10	16QAM	1	49	21.17	21.22	21.20		
10	16QAM	25	0	20.75	20.84	20.80		
10	16QAM	25	12	20.74	20.62	20.71	22	0.6
10	16QAM	25	25	20.62	20.73	20.64		
10	16QAM	50	0	20.66	20.78	20.69		
10	64QAM	1	0	20.64	20.65	20.63		
10	64QAM	1	25	20.56	20.70	20.75	22	0.6
10	64QAM	1	49	20.69	20.73	20.62		
10	64QAM	25	0	19.73	19.83	19.77		
10	64QAM	25	12	19.69	19.70	19.79	21	1.6
10	64QAM	25	25	19.73	19.62	19.70		
10	64QAM	50	0	19.64	19.75	19.67		
10	256QAM	1	0	17.64	17.76	17.63		
10	256QAM	1	25	17.67	17.58	17.72	19	3.6
10	256QAM	1	49	17.64	17.60	17.75		
10	256QAM	25	0	17.68	17.65	17.63		
10	256QAM	25	12	17.68	17.61	17.70	19	3.6
10	256QAM	25	25	17.62	17.71	17.62		
10	256QAM	50	0	17.63	17.67	17.77		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.32	21.35	21.38	22.6	0
5	QPSK	1	12	21.23	21.26	21.26		
5	QPSK	1	24	21.25	21.22	21.29		
5	QPSK	12	0	21.24	21.38	21.29		
5	QPSK	12	7	21.31	21.24	21.26	22.6	0
5	QPSK	12	13	21.25	21.30	21.22		
5	QPSK	25	0	21.30	21.29	21.24		
5	16QAM	1	0	21.33	21.26	21.28		
5	16QAM	1	12	21.28	21.18	21.15	22.6	0
5	16QAM	1	24	21.24	21.12	21.21		
5	16QAM	12	0	20.83	20.81	20.77		
5	16QAM	12	7	20.69	20.66	20.77	22	0.6
5	16QAM	12	13	20.62	20.75	20.69		
5	16QAM	25	0	20.71	20.74	20.70		
5	64QAM	1	0	20.61	20.66	20.64		
5	64QAM	1	12	20.55	20.67	20.65	22	0.6
5	64QAM	1	24	20.74	20.76	20.72		
5	64QAM	12	0	19.65	19.79	19.75		
5	64QAM	12	7	19.65	19.67	19.77	21	1.6
5	64QAM	12	13	19.69	19.61	19.77		
5	64QAM	25	0	19.62	19.70	19.69		
5	256QAM	1	0	17.64	17.78	17.72		
5	256QAM	1	12	17.69	17.62	17.70	19	3.6
5	256QAM	1	24	17.67	17.67	17.78		
5	256QAM	12	0	17.69	17.65	17.66		
5	256QAM	12	7	17.68	17.67	17.72	19	3.6
5	256QAM	12	13	17.55	17.76	17.60		
5	256QAM	25	0	17.64	17.70	17.76		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.30	21.35	21.34	22.6	0
3	QPSK	1	8	21.30	21.23	21.29		
3	QPSK	1	14	21.20	21.24	21.27		
3	QPSK	8	0	21.19	21.35	21.33		
3	QPSK	8	4	21.24	21.32	21.21	22.6	0
3	QPSK	8	7	21.18	21.26	21.21		
3	QPSK	15	0	21.26	21.31	21.27		
3	16QAM	1	0	21.32	21.27	21.21		
3	16QAM	1	8	21.28	21.13	21.21	22.6	0
3	16QAM	1	14	21.25	21.16	21.31		
3	16QAM	8	0	20.78	20.85	20.70		
3	16QAM	8	4	20.65	20.68	20.79	22	0.6
3	16QAM	8	7	20.66	20.67	20.73		
3	16QAM	15	0	20.73	20.67	20.71		
3	64QAM	1	0	20.66	20.67	20.63		
3	64QAM	1	8	20.61	20.70	20.70	22	0.6
3	64QAM	1	14	20.75	20.66	20.64		
3	64QAM	8	0	19.75	19.83	19.73		
3	64QAM	8	4	19.63	19.68	19.78	21	1.6
3	64QAM	8	7	19.75	19.61	19.77		
3	64QAM	15	0	19.72	19.78	19.69		
3	256QAM	1	0	17.69	17.75	17.73		
3	256QAM	1	8	17.70	17.63	17.79	19	3.6
3	256QAM	1	14	17.65	17.59	17.75		
3	256QAM	8	0	17.58	17.63	17.68		
3	256QAM	8	4	17.58	17.59	17.71	19	3.6
3	256QAM	8	7	17.54	17.65	17.66		
3	256QAM	15	0	17.69	17.70	17.77		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.27	21.32	21.34	22.6	0
1.4	QPSK	1	3	21.25	21.26	21.28		
1.4	QPSK	1	5	21.26	21.26	21.33		
1.4	QPSK	3	0	21.28	21.36	21.30		
1.4	QPSK	3	1	21.25	21.29	21.27		
1.4	QPSK	3	3	21.25	21.35	21.30		
1.4	QPSK	6	0	21.27	21.33	21.30	22.6	0
1.4	16QAM	1	0	21.26	21.26	21.19	22.6	0
1.4	16QAM	1	3	21.30	21.17	21.17		
1.4	16QAM	1	5	21.16	21.21	21.22		
1.4	16QAM	3	0	21.12	21.18	21.16		
1.4	16QAM	3	1	21.22	21.06	21.14		
1.4	16QAM	3	3	21.06	21.12	21.18		
1.4	16QAM	6	0	20.69	20.72	20.74	22	0.6
1.4	64QAM	1	0	20.59	20.61	20.60	22	0.6
1.4	64QAM	1	3	20.57	20.72	20.69		
1.4	64QAM	1	5	20.66	20.68	20.67		
1.4	64QAM	3	0	20.48	20.48	20.57		
1.4	64QAM	3	1	20.46	20.64	20.58		
1.4	64QAM	3	3	20.63	20.59	20.55		
1.4	64QAM	6	0	19.69	19.81	19.66	21	1.6
1.4	256QAM	1	0	17.63	17.73	17.68	19	3.6
1.4	256QAM	1	3	17.68	17.66	17.71		
1.4	256QAM	1	5	17.62	17.58	17.80		
1.4	256QAM	3	0	17.70	17.67	17.67		
1.4	256QAM	3	1	17.66	17.60	17.67		
1.4	256QAM	3	3	17.55	17.70	17.64		
1.4	256QAM	6	0	17.61	17.73	17.76	19	3.6

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		19.41		20.7	0
10	QPSK	1	25		19.38			
10	QPSK	1	49		19.36			
10	QPSK	25	0		19.39			
10	QPSK	25	12		19.32		20.7	0
10	QPSK	25	25		19.23			
10	QPSK	50	0		19.38			
10	16QAM	1	0		19.37			
10	16QAM	1	25		19.25		20.7	0
10	16QAM	1	49		19.28			
10	16QAM	25	0		19.32			
10	16QAM	25	12		19.23		20.7	0
10	16QAM	25	25		19.20			
10	16QAM	50	0		19.32			
10	64QAM	1	0		19.29			
10	64QAM	1	25		19.36		20.7	0
10	64QAM	1	49		19.24			
10	64QAM	25	0		19.34			
10	64QAM	25	12		19.25		20.7	0
10	64QAM	25	25		19.19			
10	64QAM	50	0		19.29			
10	256QAM	1	0		17.74			
10	256QAM	1	25		17.67		19	1.7
10	256QAM	1	49		17.63			
10	256QAM	25	0		17.73			
10	256QAM	25	12		17.56		19	1.7
10	256QAM	25	25		17.57			
10	256QAM	50	0		17.73			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	19.35	19.38	19.33	20.7	0
5	QPSK	1	12	19.28	19.31	19.34		
5	QPSK	1	24	19.25	19.23	19.27		
5	QPSK	12	0	19.34	19.36	19.36		
5	QPSK	12	7	19.22	19.28	19.19	20.7	0
5	QPSK	12	13	19.14	19.18	19.19		
5	QPSK	25	0	19.34	19.35	19.32		
5	16QAM	1	0	19.25	19.24	19.32		
5	16QAM	1	12	19.11	19.19	19.18	20.7	0
5	16QAM	1	24	19.26	19.26	19.21		
5	16QAM	12	0	19.20	19.20	19.24		
5	16QAM	12	7	19.18	19.15	19.19	20.7	0
5	16QAM	12	13	19.15	19.14	19.12		
5	16QAM	25	0	19.21	19.28	19.29		
5	64QAM	1	0	19.24	19.22	19.19		
5	64QAM	1	12	19.32	19.28	19.25	20.7	0
5	64QAM	1	24	19.19	19.16	19.18		
5	64QAM	12	0	19.23	19.26	19.21		
5	64QAM	12	7	19.17	19.11	19.14	20.7	0
5	64QAM	12	13	19.11	19.08	19.07		
5	64QAM	25	0	19.19	19.20	19.24		
5	256QAM	1	0	17.63	17.65	17.65		
5	256QAM	1	12	17.63	17.60	17.62	19	1.7
5	256QAM	1	24	17.58	17.57	17.53		
5	256QAM	12	0	17.60	17.66	17.60		
5	256QAM	12	7	17.45	17.48	17.46	19	1.7
5	256QAM	12	13	17.49	17.47	17.46		
5	256QAM	25	0	17.68	17.68	17.64		

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BW [MHz]	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	23.18	23.27	23.21	24	0
20	QPSK	1	49	23.09	23.23	23.10		
20	QPSK	1	99	23.07	23.16	23.18		
20	QPSK	50	0	22.14	22.28	22.17		
20	QPSK	50	24	22.09	22.26	22.08	23	1
20	QPSK	50	50	22.08	22.16	22.24		
20	QPSK	100	0	22.14	22.26	22.19		
20	16QAM	1	0	22.20	22.25	22.19		
20	16QAM	1	49	22.07	22.25	22.16	23	1
20	16QAM	1	99	22.08	22.21	22.19		
20	16QAM	50	0	21.13	21.32	21.11		
20	16QAM	50	24	21.15	21.28	21.03	22	2
20	16QAM	50	50	21.04	21.15	21.18		
20	16QAM	100	0	21.18	21.23	21.18		
20	64QAM	1	0	21.20	21.28	21.19		
20	64QAM	1	49	21.09	21.19	21.15	22	2
20	64QAM	1	99	21.12	21.20	21.16		
20	64QAM	50	0	20.11	20.28	20.14		
20	64QAM	50	24	20.04	20.25	20.11	21	3
20	64QAM	50	50	20.10	20.20	20.20		
20	64QAM	100	0	20.16	20.26	20.15		
20	256QAM	1	0	18.11	18.32	18.21		
20	256QAM	1	49	18.06	18.23	18.05	19	5
20	256QAM	1	99	18.12	18.20	18.24		
20	256QAM	50	0	18.11	18.27	18.21		
20	256QAM	50	24	18.21	18.24	18.16	19	5
20	256QAM	50	50	18.12	18.31	18.14		
20	256QAM	100	0	18.07	18.19	18.23		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.15	23.25	23.15	24	0
15	QPSK	1	37	23.04	23.21	23.00		
15	QPSK	1	74	23.04	23.04	23.15		
15	QPSK	36	0	22.06	22.26	22.06		
15	QPSK	36	20	21.99	22.22	22.05	23	1
15	QPSK	36	39	22.05	22.07	22.20		
15	QPSK	75	0	22.09	22.18	22.06		
15	16QAM	1	0	22.09	22.19	22.14		
15	16QAM	1	37	21.99	22.11	22.02	23	1
15	16QAM	1	74	22.00	22.18	22.08		
15	16QAM	36	0	21.09	21.23	21.01		
15	16QAM	36	20	21.07	21.23	20.98	22	2
15	16QAM	36	39	20.96	21.06	21.10		
15	16QAM	75	0	21.13	21.12	21.08		
15	64QAM	1	0	21.12	21.23	21.09		
15	64QAM	1	37	20.96	21.14	21.10	22	2
15	64QAM	1	74	21.08	21.08	21.05		
15	64QAM	36	0	20.08	20.23	20.05		
15	64QAM	36	20	19.91	20.12	20.04	21	3
15	64QAM	36	39	19.97	20.17	20.16		
15	64QAM	75	0	20.08	20.20	20.09		
15	256QAM	1	0	18.02	18.18	18.08		
15	256QAM	1	37	17.92	18.19	17.94	19	5
15	256QAM	1	74	18.08	18.12	18.11		
15	256QAM	36	0	18.03	18.23	18.14		
15	256QAM	36	20	18.13	18.19	18.10	19	5
15	256QAM	36	39	18.06	18.20	18.04		
15	256QAM	75	0	17.98	18.16	18.12		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.12	23.24	23.15	24	0
10	QPSK	1	25	23.00	23.14	23.04		
10	QPSK	1	49	22.95	23.06	23.07		
10	QPSK	25	0	22.02	22.24	22.07		
10	QPSK	25	12	21.95	22.16	22.02	23	1
10	QPSK	25	25	21.99	22.12	22.22		
10	QPSK	50	0	22.09	22.13	22.12		
10	16QAM	1	0	22.09	22.17	22.09		
10	16QAM	1	25	21.95	22.18	22.04	23	1
10	16QAM	1	49	21.99	22.16	22.17		
10	16QAM	25	0	21.03	21.25	21.01		
10	16QAM	25	12	21.11	21.23	20.91	22	2
10	16QAM	25	25	20.93	21.04	21.14		
10	16QAM	50	0	21.08	21.18	21.14		
10	64QAM	1	0	21.15	21.18	21.15		
10	64QAM	1	25	20.96	21.12	21.03	22	2
10	64QAM	1	49	21.06	21.17	21.13		
10	64QAM	25	0	20.06	20.15	20.12		
10	64QAM	25	12	19.99	20.22	20.00	21	3
10	64QAM	25	25	19.98	20.09	20.11		
10	64QAM	50	0	20.05	20.18	20.06		
10	256QAM	1	0	18.01	18.20	18.13		
10	256QAM	1	25	17.97	18.16	17.95	19	5
10	256QAM	1	49	18.05	18.11	18.21		
10	256QAM	25	0	18.08	18.19	18.14		
10	256QAM	25	12	18.15	18.20	18.11	19	5
10	256QAM	25	25	18.07	18.25	18.09		
10	256QAM	50	0	18.02	18.16	18.15		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.12	23.16	23.09	24	0
5	QPSK	1	12	23.04	23.10	22.98		
5	QPSK	1	24	22.98	23.03	23.07		
5	QPSK	12	0	22.04	22.16	22.12		
5	QPSK	12	7	22.03	22.20	21.96	23	1
5	QPSK	12	13	22.03	22.12	22.19		
5	QPSK	25	0	22.05	22.12	22.09		
5	16QAM	1	0	22.07	22.17	22.11		
5	16QAM	1	12	21.95	22.12	22.02	23	1
5	16QAM	1	24	21.96	22.09	22.14		
5	16QAM	12	0	20.99	21.27	21.03		
5	16QAM	12	7	21.07	21.15	20.90	22	2
5	16QAM	12	13	20.92	21.13	21.10		
5	16QAM	25	0	21.09	21.10	21.16		
5	64QAM	1	0	21.15	21.20	21.15		
5	64QAM	1	12	21.00	21.14	21.03	22	2
5	64QAM	1	24	21.04	21.10	21.08		
5	64QAM	12	0	19.98	20.26	20.06		
5	64QAM	12	7	20.00	20.15	20.08	21	3
5	64QAM	12	13	19.98	20.12	20.06		
5	64QAM	25	0	20.07	20.16	20.01		
5	256QAM	1	0	18.08	18.20	18.15		
5	256QAM	1	12	18.03	18.11	17.92	19	5
5	256QAM	1	24	18.02	18.12	18.22		
5	256QAM	12	0	17.98	18.14	18.18		
5	256QAM	12	7	18.18	18.22	18.07	19	5
5	256QAM	12	13	18.02	18.21	18.09		
5	256QAM	25	0	17.95	18.13	18.12		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.11	23.18	23.15	24	0
3	QPSK	1	8	23.05	23.10	23.04		
3	QPSK	1	14	23.02	23.03	23.11		
3	QPSK	8	0	22.07	22.19	22.03		
3	QPSK	8	4	22.01	22.15	22.06	23	1
3	QPSK	8	7	21.98	22.10	22.12		
3	QPSK	15	0	22.09	22.19	22.10		
3	16QAM	1	0	22.14	22.13	22.17		
3	16QAM	1	8	21.96	22.16	22.04	23	1
3	16QAM	1	14	21.96	22.17	22.16		
3	16QAM	8	0	21.05	21.20	20.99		
3	16QAM	8	4	21.02	21.22	20.91	22	2
3	16QAM	8	7	20.98	21.11	21.06		
3	16QAM	15	0	21.11	21.10	21.15		
3	64QAM	1	0	21.08	21.21	21.07		
3	64QAM	1	8	20.97	21.09	21.12	22	2
3	64QAM	1	14	20.99	21.07	21.13		
3	64QAM	8	0	20.06	20.24	20.02		
3	64QAM	8	4	20.01	20.13	19.99	21	3
3	64QAM	8	7	20.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2585	2595	2610		
20	QPSK	1	0	21.95	22.07	21.92	22.9	0
20	QPSK	1	49	21.96	21.93	21.77		
20	QPSK	1	99	21.85	21.89	21.78		
20	QPSK	50	0	21.87	21.99	21.91	22.9	0
20	QPSK	50	24	21.93	21.89	21.80		
20	QPSK	50	50	21.83	21.91	21.89		
20	QPSK	100	0	21.83	21.98	21.89		
20	16QAM	1	0	22.04	21.91	21.80	22.9	0
20	16QAM	1	49	21.83	21.87	21.71		
20	16QAM	1	99	21.93	21.87	21.79		
20	16QAM	50	0	21.12	21.23	20.98	22	0.9
20	16QAM	50	24	21.02	20.95	20.96		
20	16QAM	50	50	20.99	21.12	20.94		
20	16QAM	100	0	20.91	21.05	20.90		
20	64QAM	1	0	20.93	20.98	20.86	22	0.9
20	64QAM	1	49	20.92	20.99	20.97		
20	64QAM	1	99	20.98	21.06	21.05		
20	64QAM	50	0	20.01	20.09	20.06	21	1.9
20	64QAM	50	24	20.10	19.97	19.93		
20	64QAM	50	50	19.96	19.98	19.99		
20	64QAM	100	0	19.96	20.14	20.01		
20	256QAM	1	0	18.01	18.17	18.11	19	3.9
20	256QAM	1	49	18.09	18.08	17.98		
20	256QAM	1	99	17.95	18.01	17.86		
20	256QAM	50	0	17.91	18.09	18.03	19	3.9
20	256QAM	50	24	18.08	18.06	17.88		
20	256QAM	50	50	17.92	18.00	18.00		
20	256QAM	100	0	17.97	18.03	18.02		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.86	21.96	21.89	22.9	0
15	QPSK	1	37	21.89	21.80	21.66		
15	QPSK	1	74	21.72	21.86	21.74		
15	QPSK	36	0	21.78	21.89	21.88	22.9	0
15	QPSK	36	20	21.80	21.82	21.73		
15	QPSK	36	39	21.73	21.88	21.85		
15	QPSK	75	0	21.81	21.87	21.76		
15	16QAM	1	0	21.93	21.82	21.76	22.9	0
15	16QAM	1	37	21.75	21.80	21.63		
15	16QAM	1	74	21.85	21.80	21.76		
15	16QAM	36	0	21.04	21.14	20.85	22	0.9
15	16QAM	36	20	20.91	20.90	20.96		
15	16QAM	36	39	20.92	21.06	20.82		
15	16QAM	75	0	20.89	21.01	20.84		
15	64QAM	1	0	20.87	20.86	20.83	22	0.9
15	64QAM	1	37	20.86	20.92	20.90		
15	64QAM	1	74	20.89	20.99	20.98		
15	64QAM	36	0	19.88	19.98	19.98	21	1.9
15	64QAM	36	20	20.05	19.94	19.87		
15	64QAM	36	39	19.87	19.93	19.86		
15	64QAM	75	0	19.92	20.09	19.88		
15	256QAM	1	0	17.93	18.14	18.07	19	3.9
15	256QAM	1	37	18.02	18.06	17.93		
15	256QAM	1	74	17.87	17.96	17.78		
15	256QAM	36	0	17.77	18.05	17.94	19	3.9
15	256QAM	36	20	18.00	17.97	17.81		
15	256QAM	36	39	17.94	17.87	17.89		
15	256QAM	75	0	17.90	17.97	17.92		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.90	22.00	21.82	22.9	0
10	QPSK	1	25	21.94	21.88	21.67		
10	QPSK	1	49	21.76	21.85	21.73		
10	QPSK	25	0	21.78	21.91	21.87	22.9	0
10	QPSK	25	12	21.87	21.84	21.74		
10	QPSK	25	25	21.69	21.89	21.76		
10	QPSK	50	0	21.72	21.90	21.78		
10	16QAM	1	0	21.96	21.84	21.73	22.9	0
10	16QAM	1	25	21.71	21.79	21.65		
10	16QAM	1	49	21.84	21.77	21.68		
10	16QAM	25	0	21.05	21.11	20.94	22	0.9
10	16QAM	25	12	20.95	20.92	20.86		
10	16QAM	25	25	20.87	21.01	20.90		
10	16QAM	50	0	20.83	20.97	20.82		
10	64QAM	1	0	20.83	20.93	20.82	22	0.9
10	64QAM	1	25	20.79	20.89	20.84		
10	64QAM	1	49	20.87	21.03	20.98		
10	64QAM	25	0	19.95	19.99	20.01	21	1.9
10	64QAM	25	12	20.05	19.94	19.87		
10	64QAM	25	25	19.88	19.91	19.96		
10	64QAM	50	0	19.94	20.01	19.95		
10	256QAM	1	0	17.91	18.07	18.00	19	3.9
10	256QAM	1	25	18.03	17.94	17.94		
10	256QAM	1	49	17.83	17.94	17.81		
10	256QAM	25	0	17.79	17.97	17.95	19	3.9
10	256QAM	25	12	18.02	17.96	17.84		
10	256QAM	25	25	17.80	17.89	17.94		
10	256QAM	50	0	17.94	17.91	17.95		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.85	22.05	21.89	22.9	0
5	QPSK	1	12	21.89	21.90	21.72		
5	QPSK	1	24	21.79	21.81	21.70		
5	QPSK	12	0	21.74	21.94	21.79	22.9	0
5	QPSK	12	7	21.84	21.83	21.74		
5	QPSK	12	13	21.74	21.82	21.83		
5	QPSK	25	0	21.73	21.89	21.79		
5	16QAM	1	0	21.98	21.83	21.75	22.9	0
5	16QAM	1	12	21.74	21.83	21.65		
5	16QAM	1	24	21.88	21.78	21.69		
5	16QAM	12	0	21.04	21.20	20.94	22	0.9
5	16QAM	12	7	20.98	20.84	20.88		
5	16QAM	12	13	20.86	20.99	20.83		
5	16QAM	25	0	20.80	20.98	20.80		
5	64QAM	1	0	20.86	20.88	20.76	22	0.9
5	64QAM	1	12	20.81	20.91	20.90		
5	64QAM	1	24	20.96	20.96	20.94		
5	64QAM	12	0	19.89	20.03	20.03	21	1.9
5	64QAM	12	7	20.03	19.92	19.88		
5	64QAM	12	13	19.93	19.88	19.93		
5	64QAM	25	0	19.82	20.06	19.90		
5	256QAM	1	0	17.89	18.15	18.05	19	3.9
5	256QAM	1	12	18.04	18.04	17.93		
5	256QAM	1	24	17.83	17.93	17.83		
5	256QAM	12	0	17.86	18.01	17.94	19	3.9
5	256QAM	12	7	18.03	17.95	17.79		
5	256QAM	12	13	17.90	17.90	17.87		
5	256QAM	25	0	17.94	17.90	17.97		

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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	22.05	22.08	22.10	22.03	22.06	22.9	0
20	QPSK	1	49	21.96	22.01	21.97	21.90	22.03		
20	QPSK	1	99	22.03	21.97	22.01	21.91	21.93		
20	QPSK	50	0	22.02	21.96	22.05	21.97	21.95	22.9	0
20	QPSK	50	24	21.93	21.98	22.01	21.89	22.03		
20	QPSK	50	50	21.96	21.96	21.98	22.00	22.04		
20	QPSK	100	0	21.94	21.95	22.01	22.00	21.95		
20	16QAM	1	0	22.00	22.07	22.00	21.92	21.97	22.9	0
20	16QAM	1	49	21.91	21.91	21.95	21.84	21.98		
20	16QAM	1	99	22.03	21.96	21.98	21.90	21.84		
20	16QAM	50	0	21.16	21.16	21.25	21.08	21.17	22	0.9
20	16QAM	50	24	21.01	21.12	21.08	21.05	21.12		
20	16QAM	50	50	21.15	21.05	21.16	20.98	21.05		
20	16QAM	100	0	21.13	21.04	21.17	21.03	21.00		
20	64QAM	1	0	21.04	21.03	21.05	21.00	21.11	22	0.9
20	64QAM	1	49	21.06	21.05	21.09	21.04	21.09		
20	64QAM	1	99	21.09	21.02	21.08	21.11	21.02		
20	64QAM	50	0	20.13	20.15	20.20	20.17	20.20	21	1.9
20	64QAM	50	24	20.11	20.12	20.06	19.98	20.08		
20	64QAM	50	50	20.13	20.05	20.06	20.03	20.03		
20	64QAM	100	0	20.08	20.01	20.18	20.08	20.08		
20	256QAM	1	0	18.11	18.14	18.19	18.15	18.15	19	3.9
20	256QAM	1	49	18.04	18.16	18.12	18.02	18.10		
20	256QAM	1	99	18.17	18.07	18.09	17.98	17.97		
20	256QAM	50	0	18.13	18.04	18.13	18.06	18.10	19	3.9
20	256QAM	50	24	17.97	18.12	18.13	17.94	18.19		
20	256QAM	50	50	18.03	18.01	18.03	18.11	18.10		
20	256QAM	100	0	18.08	17.99	18.05	18.06	18.01		
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	21.98	22.03	22.00	21.99	22.02	23	0
15	QPSK	1	37	21.83	21.97	21.91	21.85	21.93		
15	QPSK	1	74	21.95	21.90	21.97	21.82	21.85		
15	QPSK	36	0	21.97	21.92	21.97	21.91	21.90	22.9	0
15	QPSK	36	20	21.82	21.91	21.98	21.85	21.91		
15	QPSK	36	39	21.87	21.92	21.91	21.86	22.02		
15	QPSK	75	0	21.83	21.85	21.87	21.88	21.92		
15	16QAM	1	0	21.98	22.03	21.92	21.94	21.93	22.9	0
15	16QAM	1	37	21.85	21.80	21.85	21.72	21.95		
15	16QAM	1	74	22.00	21.89	21.94	21.87	21.81		
15	16QAM	36	0	21.14	21.04	21.17	20.94	21.07	22	0.9
15	16QAM	36	20	20.96	21.06	20.97	20.96	21.02		
15	16QAM	36	39	21.09	20.95	21.06	20.96	20.91		
15	16QAM	75	0	21.09	20.93	21.04	20.92	20.89		
15	64QAM	1	0	21.01	21.01	20.95	20.95	21.03	22	0.9
15	64QAM	1	37	20.92	20.98	20.96	20.93	21.01		
15	64QAM	1	74	20.99	20.99	21.05	21.03	20.95		
15	64QAM	36	0	20.11	20.06	20.14	20.08	20.11	21	1.9
15	64QAM	36	20	20.00	20.06	19.96	19.85	19.97		
15	64QAM	36	39	20.04	19.98	19.99	19.92	19.93		
15	64QAM	75	0	20.00	19.92	20.14	20.02	19.95		
15	256QAM	1	0	18.02	18.01	18.16	18.11	18.13	19	3.9
15	256QAM	1	37	17.92	18.10	18.04	17.90	18.03		
15	256QAM	1	74	18.07	17.97	17.98	17.90	17.86		
15	256QAM	36	0	18.09	17.97	18.01	17.95	18.00	19	3.9
15	256QAM	36	20	17.92	17.99	18.03	17.86	18.11		
15	256QAM	36	39	17.95	17.89	17.94	18.00	17.98		
15	256QAM	75	0	18.06	17.90	17.95	17.98	17.92		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.01	22.02	22.01	21.94	21.97	23	0
10	QPSK	1	25	21.93	21.96	21.93	21.84	21.95		
10	QPSK	1	49	21.98	21.85	21.96	21.79	21.81		
10	QPSK	25	0	21.96	21.89	21.98	21.91	21.85	22.9	0
10	QPSK	25	12	21.83	21.95	21.94	21.81	21.99		
10	QPSK	25	25	21.93	21.83	21.89	21.98	21.94		
10	QPSK	50	0	21.92	21.83	21.98	21.97	21.91		
10	16QAM	1	0	21.96	21.99	21.89	21.88	21.83	22.9	0
10	16QAM	1	25	21.83	21.78	21.85	21.72	21.95		
10	16QAM	1	49	21.98	21.87	21.91	21.81	21.71		
10	16QAM	25	0	21.06	21.07	21.17	21.06	21.15	22	0.9
10	16QAM	25	12	20.93	21.05	21.04	20.97	21.04		
10	16QAM	25	25	21.11	20.93	21.12	20.87	21.01		
10	16QAM	50	0	21.01	21.02	21.13	20.90	20.98		
10	64QAM	1	0	20.99	20.89	20.95	20.89	20.99	22	0.9
10	64QAM	1	25	21.04	20.99	21.06	20.96	20.99		
10	64QAM	1	49	20.96	20.94	21.02	21.08	20.99		
10	64QAM	25	0	20.10	20.07	20.09	20.11	20.07	21	1.9
10	64QAM	25	12	20.04	20.09	20.02	19.92	19.96		
10	64QAM	25	25	20.02	19.97	20.00	19.90	19.97		
10	64QAM	50	0	19.98	19.97	20.14	19.99	19.98		
10	256QAM	1	0	18.04	18.11	18.07	18.05	18.03	19	3.9
10	256QAM	1	25	18.00	18.14	18.06	17.95	18.05		
10	256QAM	1	49	18.13	17.97	18.01	17.86	17.88		
10	256QAM	25	0	18.10	18.01	18.01	18.01	18.08	19	3.9
10	256QAM	25	12	17.90	18.04	18.03	17.85	18.06		
10	256QAM	25	25	17.96	17.96	17.90	18.01	18.02		
10	256QAM	50	0	18.01	17.96	17.93	18.01	17.95		
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	21.96	21.98	22.03	21.96	21.97	23	0
5	QPSK	1	12	21.83	21.94	21.90	21.87	21.92		
5	QPSK	1	24	21.94	21.86	21.92	21.85	21.86		
5	QPSK	12	0	21.93	21.89	21.97	21.87	21.86	22.9	0
5	QPSK	12	7	21.80	21.87	21.98	21.77	21.95		
5	QPSK	12	13	21.84	21.89	21.85	21.88	21.96		
5	QPSK	25	0	21.82	21.83	21.96	21.95	21.83		
5	16QAM	1	0	21.87	21.97	21.87	21.80	21.85	22.9	0
5	16QAM	1	12	21.81	21.77	21.82	21.78	21.94		
5	16QAM	1	24	21.94	21.84	21.92	21.88	21.71		
5	16QAM	12	0	21.08	21.13	21.21	21.01	21.11	22	0.9
5	16QAM	12	7	20.88	21.04	21.01	21.03	21.06		
5	16QAM	12	13	21.04	20.95	21.07	20.86	20.98		
5	16QAM	25	0	21.07	20.99	21.10	20.91	20.92		
5	64QAM	1	0	21.00	20.96	20.97	20.93	21.02	22	0.9
5	64QAM	1	12	20.96	20.97	21.06	20.96	20.95		
5	64QAM	1	24	20.98	20.89	21.05	21.00	20.93		
5	64QAM	12	0	20.07	20.11	20.08	20.14	20.07	21	1.9
5	64QAM	12	7	20.05	20.02	20.01	19.86	19.99		
5	64QAM	12	13	20.06	19.95	19.96	19.97	19.96		
5	64QAM	25	0	20.03	19.88	20.09	20.04	19.96		
5	256QAM	1	0	18.07	18.05	18.13	18.10	18.09	19	3.9
5	256QAM	1	12	17.96	18.08	17.98	18.00	18.00		
5	256QAM	1	24	18.10	17.98	18.05	17.91	17.92		
5	256QAM	12	0	18.03	18.01	18.06	17.94	18.01	19	3.9
5	256QAM	12	7	17.88	18.02	18.04	17.90	18.07		
5	256QAM	12	13	17.90	17.87	17.95	17.99	18.01		
5	256QAM	25	0	18.02	17.87	18.03	17.97	17.94		

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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	2548.5	2593	2636.5	2680		
20	QPSK	1	0	23.31	23.26	23.35	23.28	23.29	24.5	0
20	QPSK	1	49	23.27	23.17	23.24	23.19	23.27		
20	QPSK	1	99	23.25	23.23	23.25	23.19	23.24		
20	QPSK	50	0	23.20	23.16	23.31	23.24	23.21	24.5	0
20	QPSK	50	24	23.26	23.23	23.25	23.14	23.17		
20	QPSK	50	50	23.18	23.16	23.23	23.14	23.15		
20	QPSK	100	0	23.25	23.17	23.29	23.17	23.25		
20	16QAM	1	0	23.18	23.12	23.23	23.19	23.18	24.5	0
20	16QAM	1	49	23.21	23.04	23.13	23.09	23.16		
20	16QAM	1	99	23.12	23.13	23.15	23.13	23.18		
20	16QAM	50	0	23.15	23.13	23.20	23.16	23.11	24.5	0
20	16QAM	50	24	23.14	23.11	23.16	23.02	23.13		
20	16QAM	50	50	23.06	23.07	23.12	23.05	23.08		
20	16QAM	100	0	23.16	23.11	23.22	23.11	23.21		
20	64QAM	1	0	23.29	23.18	23.27	23.23	23.18	24.5	0
20	64QAM	1	49	23.20	23.06	23.16	23.06	23.15		
20	64QAM	1	99	23.15	23.16	23.21	23.13	23.15		
20	64QAM	50	0	22.82	22.79	22.84	22.83	22.74	24	0.5
20	64QAM	50	24	22.81	22.65	22.80	22.68	22.74		
20	64QAM	50	50	22.72	22.79	22.77	22.70	22.72		
20	64QAM	100	0	22.73	22.65	22.85	22.73	22.77		
20	256QAM	1	0	20.76	20.81	20.81	20.80	20.84	22	2.5
20	256QAM	1	49	20.75	20.66	20.74	20.64	20.79		
20	256QAM	1	99	20.78	20.73	20.80	20.65	20.72		
20	256QAM	50	0	20.73	20.69	20.86	20.79	20.71	22	2.5
20	256QAM	50	24	20.75	20.70	20.81	20.65	20.66		
20	256QAM	50	50	20.72	20.64	20.68	20.69	20.69		
20	256QAM	100	0	20.73	20.69	20.80	20.70	20.76		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.19	23.19	23.24	23.22	23.24	25	0
15	QPSK	1	37	23.19	23.11	23.21	23.14	23.17		
15	QPSK	1	74	23.17	23.15	23.14	23.11	23.14		
15	QPSK	36	0	23.10	23.03	23.20	23.16	23.13	24.5	0
15	QPSK	36	20	23.24	23.19	23.21	23.02	23.10		
15	QPSK	36	39	23.10	23.07	23.17	23.09	23.03		
15	QPSK	75	0	23.16	23.05	23.16	23.07	23.22		
15	16QAM	1	0	23.15	23.05	23.11	23.07	23.16	24.5	0
15	16QAM	1	37	23.14	22.98	23.08	23.00	23.12		
15	16QAM	1	74	23.00	23.02	23.10	23.03	23.12		
15	16QAM	36	0	23.05	23.10	23.18	23.05	23.09	24.5	0
15	16QAM	36	20	23.06	23.04	23.05	23.00	23.05		
15	16QAM	36	39	22.95	22.97	23.03	22.92	22.98		
15	16QAM	75	0	23.11	23.01	23.09	23.07	23.08		
15	64QAM	1	0	23.22	23.10	23.16	23.09	23.13	24.5	0
15	64QAM	1	37	23.13	22.99	23.11	22.96	23.11		
15	64QAM	1	74	23.07	23.03	23.08	23.00	23.04		
15	64QAM	36	0	22.73	22.75	22.76	22.78	22.61	24	0.5
15	64QAM	36	20	22.69	22.52	22.73	22.57	22.68		
15	64QAM	36	39	22.64	22.67	22.66	22.64	22.66		
15	64QAM	75	0	22.61	22.60	22.75	22.60	22.65		
15	256QAM	1	0	20.73	20.76	20.69	20.67	20.80	22	2.5
15	256QAM	1	37	20.68	20.62	20.66	20.58	20.68		
15	256QAM	1	74	20.65	20.71	20.72	20.51	20.60		
15	256QAM	36	0	20.62	20.63	20.84	20.65	20.69	22	2.5
15	256QAM	36	20	20.63	20.65	20.68	20.59	20.59		
15	256QAM	36	39	20.63	20.54	20.61	20.56	20.61		
15	256QAM	75	0	20.65	20.66	20.69	20.59	20.69		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.27	23.16	23.32	23.17	23.26	25	0
10	QPSK	1	25	23.23	23.04	23.19	23.10	23.15		
10	QPSK	1	49	23.15	23.10	23.11	23.05	23.15		
10	QPSK	25	0	23.13	23.03	23.25	23.21	23.18	24.5	0
10	QPSK	25	12	23.18	23.19	23.15	23.08	23.11		
10	QPSK	25	25	23.09	23.06	23.18	23.06	23.04		
10	QPSK	50	0	23.19	23.11	23.27	23.09	23.20		
10	16QAM	1	0	23.09	23.01	23.15	23.13	23.13	24.5	0
10	16QAM	1	25	23.12	22.98	23.04	23.01	23.08		
10	16QAM	1	49	23.04	23.09	23.08	23.04	23.10		
10	16QAM	25	0	23.03	23.11	23.15	23.12	23.05	24.5	0
10	16QAM	25	12	23.04	23.06	23.04	22.91	23.06		
10	16QAM	25	25	23.02	23.00	23.01	22.95	23.05		
10	16QAM	50	0	23.06	23.04	23.10	23.02	23.15		
10	64QAM	1	0	23.24	23.05	23.21	23.20	23.10	24.5	0
10	64QAM	1	25	23.15	22.92	23.05	22.97	23.08		
10	64QAM	1	49	23.06	23.03	23.15	23.01	23.08		
10	64QAM	25	0	22.68	22.75	22.76	22.77	22.67	24	0.5
10	64QAM	25	12	22.69	22.58	22.71	22.61	22.67		
10	64QAM	25	25	22.63	22.74	22.75	22.62	22.63		
10	64QAM	50	0	22.71	22.62	22.78	22.66	22.69		
10	256QAM	1	0	20.66	20.78	20.68	20.73	20.71	22	2.5
10	256QAM	1	25	20.67	20.56	20.66	20.56	20.76		
10	256QAM	1	49	20.65	20.66	20.69	20.62	20.59		
10	256QAM	25	0	20.60	20.62	20.78	20.66	20.65	22	2.5
10	256QAM	25	12	20.67	20.64	20.71	20.57	20.53		
10	256QAM	25	25	20.60	20.51	20.65	20.64	20.62		
10	256QAM	50	0	20.68	20.56	20.68	20.63	20.72		
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	23.25	23.21	23.26	23.15	23.16	25	0
5	QPSK	1	12	23.22	23.03	23.10	23.15	23.21		
5	QPSK	1	24	23.13	23.09	23.12	23.08	23.13		
5	QPSK	12	0	23.15	23.12	23.28	23.19	23.14	24.5	0
5	QPSK	12	7	23.13	23.14	23.14	23.00	23.04		
5	QPSK	12	13	23.16	23.03	23.17	23.10	23.05		
5	QPSK	25	0	23.15	23.10	23.16	23.04	23.14		
5	16QAM	1	0	23.13	23.07	23.14	23.06	23.14	24.5	0
5	16QAM	1	12	23.09	22.94	23.00	23.05	23.11		
5	16QAM	1	24	23.08	23.08	23.03	23.10	23.13		
5	16QAM	12	0	23.07	23.02	23.09	23.09	23.08	24.5	0
5	16QAM	12	7	23.07	23.06	23.10	23.00	23.04		
5	16QAM	12	13	22.95	22.97	23.05	22.94	23.02		
5	16QAM	25	0	23.04	23.02	23.19	22.97	23.17		
5	64QAM	1	0	23.19	23.12	23.22	23.18	23.14	24.5	0
5	64QAM	1	12	23.09	22.95	23.08	22.94	23.13		
5	64QAM	1	24	23.10	23.08	23.09	23.04	23.09		
5	64QAM	12	0	22.74	22.69	22.76	22.72	22.65	24	0.5
5	64QAM	12	7	22.78	22.57	22.67	22.58	22.65		
5	64QAM	12	13	22.67	22.67	22.71	22.66	22.59		
5	64QAM	25	0	22.63	22.52	22.74	22.65	22.66		
5	256QAM	1	0	20.67	20.68	20.74	20.69	20.73	22	2.5
5	256QAM	1	12	20.62	20.61	20.65	20.62	20.77		
5	256QAM	1	24	20.74	20.63	20.68	20.62	20.68		
5	256QAM	12	0	20.69	20.62	20.73	20.66	20.57	22	2.5
5	256QAM	12	7	20.64	20.63	20.78	20.63	20.53		
5	256QAM	12	13	20.61	20.57	20.59	20.57	20.59		
5	256QAM	25	0	20.63	20.64	20.76	20.64	20.65		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.00	23.06	22.96	23.03	24	0
20	QPSK	1	49	23.00	23.05	22.88	22.91		
20	QPSK	1	99	22.92	23.01	22.89	22.92		
20	QPSK	50	0	22.02	22.09	22.02	22.02	23	1
20	QPSK	50	24	21.96	21.99	21.93	21.90		
20	QPSK	50	50	21.95	22.07	21.86	21.95		
20	QPSK	100	0	21.96	22.04	21.97	22.01		
20	16QAM	1	0	22.04	22.01	21.94	22.08	23	1
20	16QAM	1	49	22.01	22.05	21.89	21.88		
20	16QAM	1	99	21.93	21.97	21.91	21.90		
20	16QAM	50	0	21.07	21.12	21.00	21.05	22	2
20	16QAM	50	24	20.92	20.97	20.93	20.95		
20	16QAM	50	50	20.96	21.03	20.82	20.95		
20	16QAM	100	0	20.96	21.02	20.97	20.99		
20	64QAM	1	0	20.95	21.02	20.98	21.00	22	2
20	64QAM	1	49	20.95	21.07	20.83	20.89		
20	64QAM	1	99	20.96	21.04	20.84	20.94		
20	64QAM	50	0	19.97	20.12	20.00	19.99	21	3
20	64QAM	50	24	20.00	19.95	19.99	19.94		
20	64QAM	50	50	19.93	20.06	19.83	19.93		
20	64QAM	100	0	19.91	20.06	20.01	19.96		
20	256QAM	1	0	17.96	18.14	18.04	18.01	19	5
20	256QAM	1	49	18.01	18.00	17.90	17.88		
20	256QAM	1	99	17.97	18.09	17.83	17.97		
20	256QAM	50	0	17.98	18.04	17.91	17.96	19	5
20	256QAM	50	24	18.01	18.02	17.90	18.03		
20	256QAM	50	50	18.06	18.05	17.86	17.90		
20	256QAM	100	0	17.95	18.02	17.85	17.93		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.99	22.99	22.90	22.94	24	0
15	QPSK	1	37	22.92	23.02	22.80	22.82		
15	QPSK	1	74	22.87	22.96	22.83	22.85		
15	QPSK	36	0	21.90	22.09	22.01	21.97	23	1
15	QPSK	36	20	21.84	21.91	21.81	21.84		
15	QPSK	36	39	21.88	22.04	21.82	21.91		
15	QPSK	75	0	21.85	22.04	21.89	22.01		
15	16QAM	1	0	22.02	22.00	21.89	22.01	23	1
15	16QAM	1	37	21.92	22.01	21.82	21.77		
15	16QAM	1	74	21.84	21.86	21.85	21.79		
15	16QAM	36	0	21.03	21.11	20.89	21.04	22	2
15	16QAM	36	20	20.85	20.88	20.87	20.91		
15	16QAM	36	39	20.84	21.00	20.76	20.83		
15	16QAM	75	0	20.88	20.95	20.85	20.96		
15	64QAM	1	0	20.92	20.93	20.96	20.93	22	2
15	64QAM	1	37	20.84	21.05	20.77	20.84		
15	64QAM	1	74	20.95	20.98	20.74	20.85		
15	64QAM	36	0	19.97	20.09	19.91	19.93	21	3
15	64QAM	36	20	19.99	19.93	19.97	19.91		
15	64QAM	36	39	19.83	20.05	19.80	19.83		
15	64QAM	75	0	19.84	20.04	19.92	19.95		
15	256QAM	1	0	17.87	18.10	18.02	17.97	19	5
15	256QAM	1	37	17.99	17.88	17.80	17.85		
15	256QAM	1	74	17.88	17.98	17.79	17.90		
15	256QAM	36	0	17.91	17.94	17.89	17.95	19	5
15	256QAM	36	20	17.93	17.92	17.86	17.98		
15	256QAM	36	39	18.02	17.95	17.84	17.90		
15	256QAM	75	0	17.90	17.98	17.79	17.88		
Channel				55290	55815	56155	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3556	3607.5	3642.5	3695		
10	QPSK	1	0	22.92	22.99	22.85	22.99	24	0
10	QPSK	1	25	22.94	23.01	22.81	22.90		
10	QPSK	1	49	22.85	22.89	22.85	22.91		
10	QPSK	25	0	21.91	22.08	21.99	22.00	23	1
10	QPSK	25	12	21.91	21.87	21.91	21.80		
10	QPSK	25	25	21.89	21.99	21.77	21.89		
10	QPSK	50	0	21.96	21.97	21.86	21.92		
10	16QAM	1	0	21.98	21.89	21.87	22.00	23	1
10	16QAM	1	25	21.90	21.95	21.82	21.77		
10	16QAM	1	49	21.89	21.97	21.84	21.90		
10	16QAM	25	0	20.99	21.06	20.93	20.97	22	2
10	16QAM	25	12	20.88	20.90	20.83	20.91		
10	16QAM	25	25	20.93	20.96	20.81	20.84		
10	16QAM	50	0	20.95	20.97	20.88	20.90		
10	64QAM	1	0	20.88	20.95	20.91	20.95	22	2
10	64QAM	1	25	20.83	20.96	20.76	20.79		
10	64QAM	1	49	20.89	21.02	20.83	20.93		
10	64QAM	25	0	19.93	20.10	19.90	19.94	21	3
10	64QAM	25	12	19.96	19.95	19.89	19.92		
10	64QAM	25	25	19.86	20.05	19.79	19.88		
10	64QAM	50	0	19.84	19.98	19.91	19.85		
10	256QAM	1	0	17.90	18.07	17.99	17.90	19	5
10	256QAM	1	25	18.00	17.93	17.81	17.81		
10	256QAM	1	49	17.91	18.07	17.72	17.87		
10	256QAM	25	0	17.88	17.99	17.90	17.94	19	5
10	256QAM	25	12	17.96	17.92	17.79	17.96		
10	256QAM	25	25	18.01	17.96	17.85	17.89		
10	256QAM	50	0	17.86	17.92	17.77	17.86		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3553.5	3607	3643	3697.5		
5	QPSK	1	0	22.92	23.05	22.85	23.01	24	0
5	QPSK	1	12	22.96	22.99	22.77	22.89		
5	QPSK	1	24	22.91	22.98	22.81	22.83		
5	QPSK	12	0	21.98	22.09	21.96	22.01	23	1
5	QPSK	12	7	21.88	21.94	21.91	21.79		
5	QPSK	12	13	21.85	21.99	21.75	21.89		
5	QPSK	25	0	21.95	22.00	21.97	21.96		
5	16QAM	1	0	21.92	21.89	21.91	22.05	23	1
5	16QAM	1	12	22.01	21.95	21.82	21.80		
5	16QAM	1	24	21.84	21.95	21.86	21.85		
5	16QAM	12	0	21.05	21.12	20.88	20.96	22	2
5	16QAM	12	7	20.80	20.86	20.83	20.86		
5	16QAM	12	13	20.84	20.94	20.71	20.88		
5	16QAM	25	0	20.95	21.00	20.89	20.95		
5	64QAM	1	0	20.89	20.92	20.90	20.89	22	2
5	64QAM	1	12	20.87	20.97	20.80	20.82		
5	64QAM	1	24	20.94	20.94	20.82	20.86		
5	64QAM	12	0	19.88	20.11	19.99	19.96	21	3
5	64QAM	12	7	19.93	19.87	19.90	19.90		
5	64QAM	12	13	19.84	20.01	19.75	19.87		
5	64QAM	25	0	19.82	20.04	19.92	19.91		
5	256QAM	1	0	17.95	18.07	17.96	17.89	19	5
5	256QAM	1	12	17.94	17.93	17.89	17.80		
5	256QAM	1	24	17.96	17.99	17.75	17.86		
5	256QAM	12	0	17.86	18.03	17.81	17.86	19	5
5	256QAM	12	7	17.96	17.94	17.87	17.96		
5	256QAM	12	13	18.04	18.04	17.78	17.87		
5	256QAM	25	0	17.88	17.95	17.82	17.84		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3660	3609	3641	3690		
20	QPSK	1	0	19.68	19.70	19.66	19.65	20.8	0
20	QPSK	1	49	19.61	19.62	19.55	19.58		
20	QPSK	1	99	19.58	19.60	19.56	19.60		
20	QPSK	50	0	19.60	19.68	19.56	19.58	20.8	0
20	QPSK	50	24	19.59	19.62	19.54	19.57		
20	QPSK	50	50	19.65	19.65	19.57	19.62		
20	QPSK	100	0	19.59	19.63	19.56	19.57		
20	16QAM	1	0	19.56	19.62	19.60	19.63	20.8	0
20	16QAM	1	49	19.58	19.57	19.48	19.54		
20	16QAM	1	99	19.54	19.52	19.49	19.49		
20	16QAM	50	0	19.57	19.58	19.52	19.49	20.8	0
20	16QAM	50	24	19.56	19.56	19.44	19.48		
20	16QAM	50	50	19.54	19.57	19.44	19.59		
20	16QAM	100	0	19.57	19.54	19.49	19.50		
20	64QAM	1	0	19.57	19.56	19.58	19.62	20.8	0
20	64QAM	1	49	19.49	19.58	19.53	19.46		
20	64QAM	1	99	19.51	19.46	19.47	19.50		
20	64QAM	50	0	19.47	19.59	19.50	19.48	20.8	0
20	64QAM	50	24	19.51	19.50	19.46	19.53		
20	64QAM	50	50	19.57	19.61	19.49	19.55		
20	64QAM	100	0	19.53	19.55	19.51	19.43		
20	256QAM	1	0	17.90	17.84	17.88	17.86	19	1.8
20	256QAM	1	49	17.86	17.80	17.79	17.77		
20	256QAM	1	99	17.78	17.79	17.75	17.84		
20	256QAM	50	0	17.84	17.82	17.82	17.80	19	1.8
20	256QAM	50	24	17.83	17.76	17.76	17.73		
20	256QAM	50	50	17.82	17.80	17.76	17.81		
20	256QAM	100	0	17.79	17.81	17.75	17.78		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3657.5	3608	3642	3692.5		
15	QPSK	1	0	19.62	19.62	19.53	19.58	20.8	0
15	QPSK	1	37	19.47	19.56	19.46	19.56		
15	QPSK	1	74	19.50	19.53	19.49	19.56		
15	QPSK	36	0	19.55	19.61	19.51	19.51	20.8	0
15	QPSK	36	20	19.56	19.56	19.45	19.53		
15	QPSK	36	39	19.61	19.58	19.43	19.59		
15	QPSK	75	0	19.49	19.56	19.47	19.50		
15	16QAM	1	0	19.44	19.56	19.50	19.60	20.8	0
15	16QAM	1	37	19.53	19.47	19.42	19.51		
15	16QAM	1	74	19.40	19.41	19.46	19.35		
15	16QAM	36	0	19.50	19.51	19.41	19.40	20.8	0
15	16QAM	36	20	19.53	19.52	19.42	19.40		
15	16QAM	36	39	19.45	19.50	19.38	19.48		
15	16QAM	75	0	19.51	19.50	19.47	19.37		
15	64QAM	1	0	19.44	19.43	19.53	19.55	20.8	0
15	64QAM	1	37	19.39	19.44	19.44	19.37		
15	64QAM	1	74	19.47	19.37	19.38	19.42		
15	64QAM	36	0	19.34	19.49	19.46	19.40	20.8	0
15	64QAM	36	20	19.41	19.48	19.33	19.41		
15	64QAM	36	39	19.43	19.48	19.39	19.44		
15	64QAM	75	0	19.40	19.52	19.44	19.36		
15	256QAM	1	0	17.86	17.81	17.85	17.80	19	1.8
15	256QAM	1	37	17.77	17.77	17.74	17.71		
15	256QAM	1	74	17.65	17.70	17.69	17.72		
15	256QAM	36	0	17.76	17.76	17.77	17.71	19	1.8
15	256QAM	36	20	17.71	17.73	17.74	17.68		
15	256QAM	36	39	17.73	17.69	17.67	17.70		
15	256QAM	75	0	17.76	17.73	17.72	17.64		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3655	3607.5	3642.5	3695		
10	QPSK	1	0	19.60	19.59	19.58	19.59	20.8	0
10	QPSK	1	25	19.57	19.48	19.44	19.52		
10	QPSK	1	49	19.52	19.56	19.42	19.49		
10	QPSK	25	0	19.47	19.55	19.50	19.49	20.8	0
10	QPSK	25	12	19.45	19.59	19.48	19.45		
10	QPSK	25	25	19.52	19.62	19.47	19.59		
10	QPSK	50	0	19.47	19.55	19.54	19.50		
10	16QAM	1	0	19.51	19.52	19.49	19.50	20.8	0
10	16QAM	1	25	19.46	19.49	19.45	19.51		
10	16QAM	1	49	19.52	19.46	19.36	19.37		
10	16QAM	25	0	19.49	19.53	19.46	19.44	20.8	0
10	16QAM	25	12	19.53	19.47	19.36	19.42		
10	16QAM	25	25	19.40	19.51	19.35	19.50		
10	16QAM	50	0	19.48	19.44	19.36	19.40		
10	64QAM	1	0	19.51	19.47	19.48	19.49	20.8	0
10	64QAM	1	25	19.47	19.52	19.49	19.37		
10	64QAM	1	49	19.40	19.42	19.42	19.41		
10	64QAM	25	0	19.38	19.49	19.47	19.41	20.8	0
10	64QAM	25	12	19.42	19.37	19.37	19.49		
10	64QAM	25	25	19.48	19.52	19.43	19.45		
10	64QAM	50	0	19.41	19.51	19.48	19.34		
10	256QAM	1	0	17.81	17.71	17.84	17.76	19	1.8
10	256QAM	1	25	17.76	17.72	17.73	17.72		
10	256QAM	1	49	17.72	17.76	17.70	17.72		
10	256QAM	25	0	17.74	17.75	17.80	17.68	19	1.8
10	256QAM	25	12	17.69	17.64	17.65	17.60		
10	256QAM	25	25	17.74	17.73	17.68	17.74		
10	256QAM	50	0	17.76	17.71	17.67	17.69		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3652.5	3607	3645	3697.5		
5	QPSK	1	0	19.58	19.60	19.54	19.57	20.8	0
5	QPSK	1	12	19.53	19.60	19.45	19.54		
5	QPSK	1	24	19.55	19.46	19.44	19.51		
5	QPSK	12	0	19.48	19.59	19.44	19.52	20.8	0
5	QPSK	12	7	19.51	19.56	19.40	19.45		
5	QPSK	12	13	19.54	19.59	19.45	19.49		
5	QPSK	25	0	19.48	19.55	19.49	19.48	20.8	0
5	16QAM	1	0	19.43	19.50	19.49	19.50		
5	16QAM	1	12	19.51	19.55	19.41	19.51		
5	16QAM	1	24	19.43	19.50	19.46	19.44		
5	16QAM	12	0	19.53	19.51	19.40	19.36	20.8	0
5	16QAM	12	7	19.51	19.51	19.36	19.45		
5	16QAM	12	13	19.45	19.47	19.34	19.53		
5	16QAM	25	0	19.43	19.48	19.42	19.45		
5	64QAM	1	0	19.48	19.52	19.56	19.54	20.8	0
5	64QAM	1	12	19.39	19.48	19.45	19.42		
5	64QAM	1	24	19.48	19.43	19.35	19.38		
5	64QAM	12	0	19.43	19.51	19.46	19.42	20.8	0
5	64QAM	12	7	19.38	19.42	19.43	19.43		
5	64QAM	12	13	19.50	19.47	19.45	19.46		
5	64QAM	25	0	19.49	19.49	19.45	19.36		
5	256QAM	1	0	17.88	17.79	17.82	17.82	19	1.8
5	256QAM	1	12	17.80	17.73	17.71	17.74		
5	256QAM	1	24	17.71	17.66	17.72	17.77		
5	256QAM	12	0	17.73	17.69	17.78	17.68	19	1.8
5	256QAM	12	7	17.74	17.71	17.63	17.67		
5	256QAM	12	13	17.75	17.76	17.66	17.71		
5	256QAM	25	0	17.73	17.74	17.64	17.72		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.28	19.30	19.25	19.27	20.5	0
20	QPSK	1	49	19.15	19.17	19.18	19.16		
20	QPSK	1	99	19.16	19.23	19.20	19.22		
20	QPSK	50	0	19.15	19.28	19.22	19.21		
20	QPSK	50	24	19.21	19.27	19.19	19.16		
20	QPSK	50	50	19.16	19.22	19.16	19.15		
20	QPSK	100	0	19.20	19.26	19.17	19.20		
20	16QAM	1	0	19.15	19.22	19.14	19.13	20.5	0
20	16QAM	1	49	19.06	19.15	19.07	19.09		
20	16QAM	1	99	19.03	19.14	19.12	19.17		
20	16QAM	50	0	19.02	19.21	19.20	19.12	20.5	0
20	16QAM	50	24	19.17	19.14	19.15	19.12		
20	16QAM	50	50	19.05	19.15	19.12	19.10		
20	16QAM	100	0	19.14	19.23	19.07	19.17		
20	64QAM	1	0	19.17	19.24	19.19	19.23	20.5	0
20	64QAM	1	49	19.08	19.07	19.11	19.10		
20	64QAM	1	99	19.08	19.17	19.14	19.12		
20	64QAM	50	0	19.06	19.23	19.11	19.12	20.5	0
20	64QAM	50	24	19.18	19.23	19.08	19.12		
20	64QAM	50	50	19.12	19.14	19.07	19.07		
20	64QAM	100	0	19.09	19.13	19.12	19.14		
20	256QAM	1	0	17.73	17.76	17.75	17.77	19	1.5
20	256QAM	1	49	17.60	17.63	17.71	17.66		
20	256QAM	1	99	17.61	17.71	17.73	17.71		
20	256QAM	50	0	17.63	17.78	17.68	17.72	19	1.5
20	256QAM	50	24	17.73	17.78	17.73	17.71		
20	256QAM	50	50	17.69	17.71	17.70	17.62		
20	256QAM	100	0	17.64	17.74	17.67	17.70		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.26	19.24	19.22	19.21	20.5	0
15	QPSK	1	37	19.03	19.13	19.05	19.14		
15	QPSK	1	74	19.09	19.14	19.11	19.11		
15	QPSK	36	0	19.11	19.19	19.11	19.08	20.5	0
15	QPSK	36	20	19.11	19.19	19.07	19.11		
15	QPSK	36	39	19.11	19.11	19.07	19.01		
15	QPSK	75	0	19.14	19.13	19.14	19.11		
15	16QAM	1	0	19.11	19.08	19.05	19.07	20.5	0
15	16QAM	1	37	18.93	19.09	19.02	19.03		
15	16QAM	1	74	19.00	19.06	19.04	19.11		
15	16QAM	36	0	18.92	19.13	19.15	19.00	20.5	0
15	16QAM	36	20	19.03	19.07	19.03	19.07		
15	16QAM	36	39	19.02	19.04	19.08	19.06		
15	16QAM	75	0	19.08	19.20	19.04	19.09		
15	64QAM	1	0	19.13	19.20	19.12	19.14	20.5	0
15	64QAM	1	37	18.97	18.94	19.02	19.00		
15	64QAM	1	74	18.98	19.07	19.01	19.05		
15	64QAM	36	0	19.01	19.14	19.05	19.05	20.5	0
15	64QAM	36	20	19.06	19.17	19.06	19.00		
15	64QAM	36	39	19.09	19.11	19.04	19.03		
15	64QAM	75	0	18.99	19.10	19.00	19.02		
15	256QAM	1	0	17.66	17.67	17.63	17.73	19	1.5
15	256QAM	1	37	17.46	17.54	17.67	17.63		
15	256QAM	1	74	17.49	17.67	17.69	17.62		
15	256QAM	36	0	17.51	17.65	17.65	17.64	19	1.5
15	256QAM	36	20	17.67	17.75	17.61	17.62		
15	256QAM	36	39	17.61	17.57	17.57	17.60		
15	256QAM	75	0	17.51	17.63	17.61	17.66		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.24	19.18	19.19	19.20	20.5	0
10	QPSK	1	25	19.05	19.10	19.07	19.09		
10	QPSK	1	49	19.08	19.15	19.08	19.10		
10	QPSK	25	0	19.05	19.15	19.19	19.15	20.5	0
10	QPSK	25	12	19.11	19.15	19.11	19.06		
10	QPSK	25	25	19.07	19.10	19.03	19.13		
10	QPSK	50	0	19.12	19.21	19.11	19.12		
10	16QAM	1	0	19.09	19.10	19.08	19.00	20.5	0
10	16QAM	1	25	19.02	19.10	19.01	19.06		
10	16QAM	1	49	18.97	19.02	19.04	19.07		
10	16QAM	25	0	18.92	19.17	19.17	19.10	20.5	0
10	16QAM	25	12	19.07	19.00	19.03	19.07		
10	16QAM	25	25	18.91	19.10	19.09	19.01		
10	16QAM	50	0	19.10	19.18	19.01	19.13		
10	64QAM	1	0	19.09	19.18	19.14	19.18	20.5	0
10	64QAM	1	25	18.94	18.94	19.04	19.03		
10	64QAM	1	49	18.95	19.11	19.04	19.02		
10	64QAM	25	0	19.01	19.11	18.98	19.05	20.5	0
10	64QAM	25	12	19.13	19.15	19.03	19.02		
10	64QAM	25	25	19.01	19.07	18.95	19.01		
10	64QAM	50	0	18.95	19.08	19.06	19.01		
10	256QAM	1	0	17.61	17.64	17.68	17.64	19	1.5
10	256QAM	1	25	17.52	17.58	17.67	17.62		
10	256QAM	1	49	17.56	17.59	17.69	17.59		
10	256QAM	25	0	17.53	17.65	17.60	17.60	19	1.5
10	256QAM	25	12	17.65	17.75	17.61	17.60		
10	256QAM	25	25	17.61	17.58	17.56	17.50		
10	256QAM	50	0	17.51	17.69	17.61	17.60		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3645	3697.5		
5	QPSK	1	0	19.25	19.20	19.13	19.20	20.5	0
5	QPSK	1	12	19.10	19.12	19.09	19.14		
5	QPSK	1	24	19.10	19.17	19.12	19.09		
5	QPSK	12	0	19.11	19.14	19.19	19.13	20.5	0
5	QPSK	12	7	19.11	19.18	19.07	19.03		
5	QPSK	12	13	19.11	19.09	19.07	19.08		
5	QPSK	25	0	19.14	19.20	19.15	19.17		
5	16QAM	1	0	19.03	19.19	19.10	19.00	20.5	0
5	16QAM	1	12	18.99	19.10	19.00	18.95		
5	16QAM	1	24	18.94	19.08	19.05	19.10		
5	16QAM	12	0	18.98	19.08	19.07	19.01	20.5	0
5	16QAM	12	7	19.07	19.04	19.05	19.09		
5	16QAM	12	13	19.02	19.03	19.03	19.02		
5	16QAM	25	0	19.07	19.18	19.04	19.06		
5	64QAM	1	0	19.11	19.19	19.14	19.10	20.5	0
5	64QAM	1	12	19.05	19.01	19.02	19.07		
5	64QAM	1	24	18.98	19.08	19.06	19.00		
5	64QAM	12	0	18.98	19.10	19.07	19.09	20.5	0
5	64QAM	12	7	19.07	19.19	19.04	19.00		
5	64QAM	12	13	19.06	19.01	18.93	18.93		
5	64QAM	25	0	19.05	19.05	19.03	19.09		
5	256QAM	1	0	17.62	17.66	17.72	17.73	19	1.5
5	256QAM	1	12	17.47	17.50	17.57	17.57		
5	256QAM	1	24	17.56	17.68	17.65	17.65		
5	256QAM	12	0	17.52	17.68	17.66	17.68	19	1.5
5	256QAM	12	7	17.67	17.70	17.67	17.58		
5	256QAM	12	13	17.60	17.60	17.58	17.54		
5	256QAM	25	0	17.57	17.63	17.63	17.63		

Band 48 Ant 8 ECI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3660	3609	3641	3690		
20	QPSK	1	0	22.00	22.04	21.95	21.98	23.6	0
20	QPSK	1	49	21.95	21.99	21.84	21.89		
20	QPSK	1	99	21.89	21.95	21.92	21.84		
20	QPSK	50	0	21.91	21.96	21.83	21.95	23	0.6
20	QPSK	50	24	21.95	21.95	21.90	21.92		
20	QPSK	50	50	21.86	21.94	21.82	21.85		
20	QPSK	100	0	21.93	21.95	21.88	21.93		
20	16QAM	1	0	21.44	21.43	21.29	21.42	23	0.6
20	16QAM	1	49	21.29	21.36	21.29	21.27		
20	16QAM	1	99	21.27	21.31	21.33	21.29		
20	16QAM	50	0	20.41	20.39	20.33	20.33	22	1.6
20	16QAM	50	24	20.35	20.44	20.25	20.33		
20	16QAM	50	50	20.30	20.39	20.32	20.25		
20	16QAM	100	0	20.31	20.36	20.23	20.38		
20	64QAM	1	0	20.37	20.40	20.31	20.29	22	1.6
20	64QAM	1	49	20.30	20.36	20.23	20.28		
20	64QAM	1	99	20.35	20.30	20.24	20.34		
20	64QAM	50	0	19.36	19.49	19.29	19.38	21	2.6
20	64QAM	50	24	19.39	19.44	19.19	19.35		
20	64QAM	50	50	19.34	19.34	19.30	19.20		
20	64QAM	100	0	19.31	19.39	19.18	19.40		
20	256QAM	1	0	17.41	17.49	17.36	17.34	19	4.6
20	256QAM	1	49	17.32	17.41	17.29	17.30		
20	256QAM	1	99	17.33	17.37	17.34	17.28		
20	256QAM	50	0	17.26	17.37	17.17	17.36	19	4.6
20	256QAM	50	24	17.31	17.40	17.36	17.36		
20	256QAM	50	50	17.23	17.39	17.26	17.31		
20	256QAM	100	0	17.38	17.35	17.31	17.30		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3657.5	3608	3642	3692.5		
15	QPSK	1	0	21.91	21.93	21.85	21.92	23.6	0
15	QPSK	1	37	21.85	21.94	21.77	21.78		
15	QPSK	1	74	21.84	21.82	21.89	21.70		
15	QPSK	36	0	21.86	21.93	21.73	21.88	23	0.6
15	QPSK	36	20	21.87	21.88	21.84	21.81		
15	QPSK	36	39	21.72	21.83	21.79	21.82		
15	QPSK	75	0	21.85	21.88	21.80	21.84		
15	16QAM	1	0	21.33	21.29	21.19	21.32	23	0.6
15	16QAM	1	37	21.23	21.29	21.18	21.19		
15	16QAM	1	74	21.20	21.25	21.23	21.21		
15	16QAM	36	0	20.37	20.30	20.25	20.19	22	1.6
15	16QAM	36	20	20.23	20.37	20.19	20.22		
15	16QAM	36	39	20.18	20.33	20.23	20.11		
15	16QAM	75	0	20.24	20.34	20.20	20.30		
15	64QAM	1	0	20.31	20.36	20.28	20.27	22	1.6
15	64QAM	1	37	20.18	20.33	20.09	20.23		
15	64QAM	1	74	20.22	20.25	20.17	20.29		
15	64QAM	36	0	19.28	19.40	19.23	19.35	21	2.6
15	64QAM	36	20	19.36	19.35	19.06	19.29		
15	64QAM	36	39	19.22	19.22	19.17	19.14		
15	64QAM	75	0	19.27	19.34	19.14	19.32		
15	256QAM	1	0	17.39	17.36	17.28	17.27	19	4.6
15	256QAM	1	37	17.23	17.35	17.23	17.24		
15	256QAM	1	74	17.22	17.26	17.23	17.21		
15	256QAM	36	0	17.20	17.24	17.08	17.25	19	4.6
15	256QAM	36	20	17.26	17.31	17.25	17.28		
15	256QAM	36	39	17.19	17.30	17.13	17.20		
15	256QAM	75	0	17.34	17.25	17.27	17.17		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3655	3607.5	3642.5	3695		
10	QPSK	1	0	21.91	21.97	21.92	21.88	23.6	0
10	QPSK	1	25	21.82	21.85	21.71	21.87		
10	QPSK	1	49	21.75	21.84	21.82	21.74		
10	QPSK	25	0	21.83	21.89	21.78	21.88	23	0.6
10	QPSK	25	12	21.85	21.91	21.87	21.79		
10	QPSK	25	25	21.75	21.85	21.78	21.76		
10	QPSK	50	0	21.90	21.85	21.82	21.90		
10	16QAM	1	0	21.36	21.37	21.25	21.31	23	0.6
10	16QAM	1	25	21.18	21.24	21.24	21.15		
10	16QAM	1	49	21.16	21.29	21.30	21.22		
10	16QAM	25	0	20.31	20.30	20.28	20.27	22	1.6
10	16QAM	25	12	20.32	20.32	20.21	20.23		
10	16QAM	25	25	20.21	20.34	20.28	20.19		
10	16QAM	50	0	20.24	20.31	20.18	20.30		
10	64QAM	1	0	20.30	20.29	20.26	20.22	22	1.6
10	64QAM	1	25	20.27	20.22	20.16	20.23		
10	64QAM	1	49	20.23	20.19	20.15	20.20		
10	64QAM	25	0	19.29	19.38	19.16	19.33	21	2.6
10	64QAM	25	12	19.26	19.35	19.10	19.32		
10	64QAM	25	25	19.26	19.21	19.25	19.07		
10	64QAM	50	0	19.25	19.36	19.10	19.34		
10	256QAM	1	0	17.36	17.43	17.29	17.24	19	4.6
10	256QAM	1	25	17.26	17.29	17.17	17.23		
10	256QAM	1	49	17.27	17.32	17.26	17.23		
10	256QAM	25	0	17.17	17.31	17.09	17.23	19	4.6
10	256QAM	25	12	17.25	17.27	17.26	17.30		
10	256QAM	25	25	17.15	17.30	17.21	17.28		
10	256QAM	50	0	17.33	17.28	17.19	17.28		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3652.5	3607	3645	3697.5		
5	QPSK	1	0	21.92	21.95	21.88	21.85	23.6	0
5	QPSK	1	12	21.93	21.85	21.75	21.86		
5	QPSK	1	24	21.77	21.82	21.78	21.75		
5	QPSK	12	0	21.89	21.88	21.80	21.81	23	0.6
5	QPSK	12	7	21.86	21.91	21.83	21.85		
5	QPSK	12	13	21.83	21.89	21.77	21.76		
5	QPSK	25	0	21.89	21.86	21.81	21.81		
5	16QAM	1	0	21.31	21.32	21.24	21.33	23	0.6
5	16QAM	1	12	21.19	21.29	21.23	21.17		
5	16QAM	1	24	21.22	21.24	21.22	21.21		
5	16QAM	12	0	20.31	20.29	20.23	20.23	22	1.6
5	16QAM	12	7	20.29	20.31	20.18	20.21		
5	16QAM	12	13	20.19	20.34	20.29	20.20		
5	16QAM	25	0	20.27	20.24	20.14	20.33		
5	64QAM	1	0	20.23	20.26	20.20	20.15	22	1.6
5	64QAM	1	12	20.16	20.27	20.14	20.19		
5	64QAM	1	24	20.27	20.22	20.16	20.28		
5	64QAM	12	0	19.33	19.45	19.25	19.28	21	2.6
5	64QAM	12	7	19.26	19.39	19.10	19.24		
5	64QAM	12	13	19.31	19.28	19.19	19.13		
5	64QAM	25	0	19.20	19.28	19.11	19.36		
5	256QAM	1	0	17.38	17.38	17.24	17.25	19	4.6
5	256QAM	1	12	17.23	17.37	17.24	17.18		
5	256QAM	1	24	17.27	17.33	17.23	17.25		
5	256QAM	12	0	17.18	17.26	17.14	17.33	19	4.6
5	256QAM	12	7	17.28	17.36	17.29	17.28		
5	256QAM	12	13	17.16	17.32	17.12	17.26		
5	256QAM	25	0	17.28	17.33	17.25	17.25		

Reduced Power Mode for ECI 6

GSM850 Ant 0 ECI 6	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	31.64	31.70	31.67	33.50	22.64	22.70	22.67	24.50
GPRS 1 Tx slot	31.66	31.68	31.65	33.50	22.66	22.68	22.65	24.50
GPRS 2 Tx slots	30.62	30.66	30.58	32.00	24.62	24.66	24.58	26.00
GPRS 3 Tx slots	28.55	28.61	28.57	30.00	24.29	24.35	24.31	25.74
GPRS 4 Tx slots	27.46	27.48	27.42	29.00	24.46	24.48	24.42	26.00
EDGE 1 Tx slot	26.84	26.88	26.85	28.00	17.84	17.88	17.85	19.00
EDGE 2 Tx slots	25.55	25.64	25.62	26.50	19.55	19.64	19.62	20.50
EDGE 3 Tx slots	23.17	23.27	23.22	24.50	18.91	19.01	18.96	20.24
EDGE 4 Tx slots	21.83	21.94	21.93	23.00	18.83	18.94	18.93	20.00

GSM1900 Ant 0 ECI 6	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	27.99	28.10	28.06	29.00	18.99	19.10	19.06	20.00
GPRS 1 Tx slot	28.02	28.03	27.94	29.00	19.02	19.03	18.94	20.00
GPRS 2 Tx slots	27.00	27.06	26.98	28.00	21.00	21.06	20.98	22.00
GPRS 3 Tx slots	24.99	25.08	25.02	26.00	20.73	20.82	20.76	21.74
GPRS 4 Tx slots	23.94	24.04	23.99	25.00	20.94	21.04	20.99	22.00
EDGE 1 Tx slot	24.54	24.63	24.60	25.00	15.54	15.63	15.60	16.00
EDGE 2 Tx slots	23.15	23.18	23.16	24.00	17.15	17.18	17.16	18.00
EDGE 3 Tx slots	20.61	20.67	20.62	21.50	16.35	16.41	16.36	17.24
EDGE 4 Tx slots	19.04	19.09	19.05	20.00	16.04	16.09	16.05	17.00

Band		WCDMA II Ant 0 ECI 6			Tune-up Limit (dBm)	WCDMA IV Ant 0 ECI 6			Tune-up Limit (dBm)	WCDMA V Ant 0 ECI 6			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.11	22.23	22.20	23.00	22.01	22.15	22.05	23.00	24.18	24.32	24.22	25.00
3GPP Rel 99	RMC 12.2Kbps	22.15	22.30	22.23	23.00	22.05	22.22	22.18	23.00	24.26	24.34	24.29	25.00
3GPP Rel 6	HSDPA Subtest-1	21.22	21.34	21.28	22.00	21.11	21.21	21.16	22.00	23.31	23.37	23.40	24.00
3GPP Rel 6	HSDPA Subtest-2	21.14	21.22	21.18	22.00	21.03	21.08	21.11	22.00	23.27	23.35	23.22	24.00
3GPP Rel 6	HSDPA Subtest-3	20.69	20.81	20.68	21.50	20.64	20.67	20.61	21.50	22.81	22.90	22.83	23.50
3GPP Rel 6	HSDPA Subtest-4	20.66	20.70	20.66	21.50	20.62	20.63	20.58	21.50	22.76	22.86	22.73	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.19	21.26	21.19	22.00	21.07	21.17	21.08	22.00	23.32	23.35	23.37	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.12	21.20	21.08	22.00	20.99	21.14	21.03	22.00	23.18	23.27	23.20	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.54	20.75	20.60	21.50	20.39	20.67	20.53	21.50	22.69	22.85	22.66	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.52	20.66	20.64	21.50	20.47	20.54	20.54	21.50	22.58	22.71	22.71	23.50
3GPP Rel 6	HSUPA Subtest-1	21.02	21.19	21.18	22.00	20.94	21.11	21.14	22.00	23.13	23.28	23.19	24.00
3GPP Rel 6	HSUPA Subtest-2	19.16	19.27	19.25	20.00	19.04	19.12	19.17	20.00	21.23	21.37	21.28	22.00
3GPP Rel 6	HSUPA Subtest-3	20.26	20.29	20.30	21.00	20.22	20.16	20.25	21.00	22.34	22.44	22.35	23.00
3GPP Rel 6	HSUPA Subtest-4	19.14	19.23	19.09	20.00	19.07	19.17	18.98	20.00	21.22	21.29	21.22	22.00
3GPP Rel 6	HSUPA Subtest-5	21.12	21.22	21.08	22.00	21.03	21.08	20.99	22.00	23.16	23.28	23.27	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.77	18.91	18.74	19.50	18.65	18.85	18.67	19.50	20.78	20.96	20.89	21.50

GSM850 Ant 1 ECI 6	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	31.70	31.77	31.72	33.50	22.70	22.77	22.72	24.50
GPRS 1 Tx slot	31.69	31.74	31.67	33.50	22.69	22.74	22.67	24.50
GPRS 2 Tx slots	30.67	30.71	30.63	32.00	24.67	24.71	24.63	26.00
GPRS 3 Tx slots	28.65	28.64	28.59	30.00	24.29	24.38	24.33	25.74
GPRS 4 Tx slots	27.48	27.50	27.46	29.00	24.48	24.50	24.46	26.00
EDGE 1 Tx slot	26.58	26.69	26.68	28.00	17.58	17.69	17.68	19.00
EDGE 2 Tx slots	25.36	25.44	25.34	26.50	19.36	19.44	19.34	20.50
EDGE 3 Tx slots	23.05	23.10	23.01	24.50	18.79	18.84	18.75	20.24
EDGE 4 Tx slots	21.67	21.73	21.71	23.00	18.67	18.73	18.71	20.00

Band		WCDMA II Ant 1 ECI 6			Tune-up Limit (dBm)	WCDMA IV Ant 1 ECI 6			Tune-up Limit (dBm)	WCDMA V Ant 1 ECI 6			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	21.31	21.47	21.37	22.40	21.40	21.53	21.45	23.00	24.22	24.30	24.25	25.00
3GPP Rel 99	RMC 12.2Kbps	21.34	21.52	21.40	22.40	21.41	21.58	21.50	23.00	24.27	24.34	24.31	25.00
3GPP Rel 6	HSDPA Subtest-1	20.47	20.58	20.50	21.40	20.54	20.62	20.58	22.00	23.26	23.39	23.30	24.00
3GPP Rel 6	HSDPA Subtest-2	20.33	20.46	20.40	21.40	20.44	20.62	20.51	22.00	23.33	23.35	23.27	24.00
3GPP Rel 6	HSDPA Subtest-3	19.94	20.00	19.88	20.90	20.09	20.10	20.01	21.50	22.75	22.85	22.79	23.50
3GPP Rel 6	HSDPA Subtest-4	19.84	19.87	19.86	20.90	19.96	20.03	19.94	21.50	22.69	22.77	22.75	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.39	20.46	20.34	21.40	20.48	20.59	20.49	22.00	23.27	23.30	23.35	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.28	20.38	20.28	21.40	20.39	20.53	20.40	22.00	23.16	23.29	23.25	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.80	20.01	19.75	20.90	19.91	20.10	19.87	21.50	22.70	22.90	22.69	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.78	19.87	19.82	20.90	19.91	20.02	19.92	21.50	22.67	22.79	22.68	23.50
3GPP Rel 6	HSUPA Subtest-1	20.17	20.37	20.34	21.40	20.24	20.49	20.41	22.00	23.17	23.22	23.19	24.00
3GPP Rel 6	HSUPA Subtest-2	18.40	18.51	18.52	19.40	18.52	18.61	18.62	20.00	21.26	21.34	21.27	22.00
3GPP Rel 6	HSUPA Subtest-3	19.50	19.50	19.46	20.40	19.66	19.61	19.60	21.00	22.37	22.42	22.42	23.00
3GPP Rel 6	HSUPA Subtest-4	18.33	18.49	18.34	19.40	18.44	18.55	18.49	20.00	21.26	21.33	21.21	22.00
3GPP Rel 6	HSUPA Subtest-5	20.29	20.44	20.30	21.40	20.39	20.56	20.37	22.00	23.25	23.28	23.27	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.98	18.15	17.96	18.90	18.09	18.29	18.13	19.50	20.81	20.90	20.91	21.50

GSM1900 Ant 2 ECI 6	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	29.36	29.44	29.34	30.50	20.36	20.44	20.34	21.50
GPRS 1 Tx slot	29.37	29.40	29.30	30.50	20.37	20.40	20.30	21.50
GPRS 2 Tx slots	28.37	28.43	28.39	29.00	22.37	22.43	22.39	23.00
GPRS 3 Tx slots	26.44	26.44	26.41	27.00	22.18	22.18	22.15	22.74
GPRS 4 Tx slots	25.30	25.40	25.29	26.00	22.30	22.40	22.29	23.00
EDGE 1 Tx slot	25.81	25.83	25.75	27.00	16.81	16.83	16.75	18.00
EDGE 2 Tx slots	24.35	24.43	24.32	25.50	18.35	18.43	18.32	19.50
EDGE 3 Tx slots	21.82	21.84	21.83	23.00	17.56	17.58	17.57	18.74
EDGE 4 Tx slots	20.23	20.29	20.19	21.50	17.23	17.29	17.19	18.50

Band		WCDMA II Ant 2 ECI 6			Tune-up Limit (dBm)	WCDMA IV Ant 2 ECI 6			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	20.62	20.74	20.59	21.80	20.45	20.44	20.43	21.50
3GPP Rel 99	RMC 12.2Kbps	20.74	20.77	20.71	21.80	20.48	20.50	20.45	21.50
3GPP Rel 6	HSDPA Subtest-1	19.70	19.76	19.69	20.80	19.54	19.47	19.42	20.50
3GPP Rel 6	HSDPA Subtest-2	19.73	19.74	19.65	20.80	19.43	19.55	19.46	20.50
3GPP Rel 6	HSDPA Subtest-3	19.30	19.26	19.19	20.30	18.92	18.99	18.97	20.00
3GPP Rel 6	HSDPA Subtest-4	19.19	19.25	19.16	20.30	19.02	19.03	18.96	20.00
3GPP Rel 8	DC-HSDPA Subtest-1	19.72	19.72	19.73	20.80	19.49	19.49	19.40	20.50
3GPP Rel 8	DC-HSDPA Subtest-2	19.70	19.80	19.67	20.80	19.50	19.49	19.51	20.50
3GPP Rel 8	DC-HSDPA Subtest-3	19.21	19.29	19.26	20.30	18.96	19.05	18.90	20.00
3GPP Rel 8	DC-HSDPA Subtest-4	19.23	19.28	19.26	20.30	18.96	18.99	18.91	20.00
3GPP Rel 6	HSUPA Subtest-1	19.73	19.72	19.77	20.80	19.47	19.52	19.50	20.50
3GPP Rel 6	HSUPA Subtest-2	17.76	17.76	17.69	18.80	17.42	17.53	17.48	18.50
3GPP Rel 6	HSUPA Subtest-3	18.75	18.82	18.71	19.80	18.43	18.44	18.42	19.50
3GPP Rel 6	HSUPA Subtest-4	17.77	17.77	17.73	18.80	17.43	17.54	17.42	18.50
3GPP Rel 6	HSUPA Subtest-5	19.70	19.72	19.68	20.80	19.45	19.49	19.42	20.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.25	17.22	17.27	18.30	16.93	17.04	16.95	18.00

Band		WCDMA II Ant 3 ECI 6			Tune-up Limit (dBm)	WCDMA IV Ant 3 ECI 6			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	19.57	19.66	19.55	20.70	19.83	19.86	19.88	21.00
3GPP Rel 99	RMC 12.2Kbps	19.62	19.70	19.65	20.70	19.91	19.95	19.94	21.00
3GPP Rel 6	HSDPA Subtest-1	18.63	18.71	18.61	19.70	18.96	18.93	18.96	20.00
3GPP Rel 6	HSDPA Subtest-2	18.62	18.67	18.66	19.70	18.96	18.99	18.97	20.00
3GPP Rel 6	HSDPA Subtest-3	18.15	18.18	18.20	19.20	18.42	18.47	18.49	19.50
3GPP Rel 6	HSDPA Subtest-4	18.10	18.23	18.13	19.20	18.46	18.44	18.44	19.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.66	18.76	18.71	19.70	18.89	19.00	18.89	20.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.56	18.75	18.59	19.70	18.91	18.98	18.96	20.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.09	18.16	18.21	19.20	18.44	18.45	18.39	19.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.10	18.16	18.11	19.20	18.42	18.47	18.47	19.50
3GPP Rel 6	HSUPA Subtest-1	18.60	18.67	18.60	19.70	18.90	18.91	18.92	20.00
3GPP Rel 6	HSUPA Subtest-2	16.63	16.64	16.59	17.70	16.87	16.90	16.94	18.00
3GPP Rel 6	HSUPA Subtest-3	17.65	17.70	17.68	18.70	17.93	17.97	17.90	19.00
3GPP Rel 6	HSUPA Subtest-4	16.57	16.72	16.68	17.70	16.96	16.94	16.98	18.00
3GPP Rel 6	HSUPA Subtest-5	18.66	18.72	18.60	19.70	18.96	18.91	18.96	20.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.11	16.24	16.10	17.20	16.42	16.48	16.46	17.50

Band 2 Ant 0 ECI 6

BW [MHz]	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	22.15	22.19	22.10		
20	QPSK	1	49	22.09	22.15	22.04	23.4	0
20	QPSK	1	99	22.14	22.14	22.04		
20	QPSK	50	0	21.80	21.81	21.70		
20	QPSK	50	24	21.67	21.73	21.63	23	0.4
20	QPSK	50	50	21.64	21.76	21.76		
20	QPSK	100	0	21.69	21.78	21.69		
20	16QAM	1	0	21.73	21.76	21.67		
20	16QAM	1	49	21.66	21.68	21.54	23	0.4
20	16QAM	1	99	21.64	21.71	21.71		
20	16QAM	50	0	20.80	20.79	20.74		
20	16QAM	50	24	20.69	20.69	20.61	22	1.4
20	16QAM	50	50	20.75	20.67	20.69		
20	16QAM	100	0	20.65	20.80	20.73		
20	64QAM	1	0	20.71	20.77	20.65		
20	64QAM	1	49	20.66	20.69	20.59	22	1.4
20	64QAM	1	99	20.63	20.79	20.74		
20	64QAM	50	0	19.75	19.80	19.72		
20	64QAM	50	24	19.62	19.77	19.71	21	2.4
20	64QAM	50	50	19.68	19.79	19.66		
20	64QAM	100	0	19.65	19.80	19.72		
20	256QAM	1	0	17.80	17.71	17.64		
20	256QAM	1	49	17.66	17.85	17.73	19	4.4
20	256QAM	1	99	17.63	17.80	17.73		
20	256QAM	50	0	17.73	17.79	17.70		
20	256QAM	50	24	17.66	17.71	17.64	19	4.4
20	256QAM	50	50	17.62	17.79	17.57		
20	256QAM	100	0	17.64	17.72	17.76		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.02	22.10	22.04		
15	QPSK	1	37	22.00	22.11	21.92	23.4	0
15	QPSK	1	74	22.09	22.10	21.91		
15	QPSK	36	0	21.69	21.79	21.65		
15	QPSK	36	20	21.54	21.62	21.58	23	0.4
15	QPSK	36	39	21.55	21.73	21.72		
15	QPSK	75	0	21.64	21.75	21.56		
15	16QAM	1	0	21.66	21.65	21.58		
15	16QAM	1	37	21.63	21.55	21.51	23	0.4
15	16QAM	1	74	21.55	21.62	21.68		
15	16QAM	36	0	20.77	20.76	20.72		
15	16QAM	36	20	20.56	20.56	20.53	22	1.4
15	16QAM	36	39	20.70	20.64	20.57		
15	16QAM	75	0	20.68	20.77	20.62		
15	64QAM	1	0	20.58	20.67	20.57		
15	64QAM	1	37	20.55	20.60	20.52	22	1.4
15	64QAM	1	74	20.57	20.63	20.70		
15	64QAM	36	0	19.71	19.73	19.69		
15	64QAM	36	20	19.48	19.69	19.58	21	2.4
15	64QAM	36	39	19.56	19.71	19.53		
15	64QAM	75	0	19.61	19.70	19.61		
15	256QAM	1	0	17.71	17.61	17.59		
15	256QAM	1	37	17.53	17.81	17.62	19	4.4
15	256QAM	1	74	17.59	17.76	17.63		
15	256QAM	36	0	17.50	17.69	17.57		
15	256QAM	36	20	17.60	17.60	17.64	19	4.4
15	256QAM	36	39	17.50	17.71	17.49		
15	256QAM	75	0	17.53	17.58	17.67		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.13	22.16	22.02		
10	QPSK	1	25	22.05	22.06	21.94	23.4	0
10	QPSK	1	49	22.16	22.02	22.00		
10	QPSK	25	0	21.75	21.78	21.66		
10	QPSK	25	12	21.58	21.65	21.58	23	0.4
10	QPSK	25	25	21.57	21.66	21.72		
10	QPSK	50	0	21.62	21.66	21.64		
10	16QAM	1	0	21.66	21.67	21.59		
10	16QAM	1	25	21.52	21.58	21.42	23	0.4
10	16QAM	1	49	21.61	21.65	21.63		
10	16QAM	25	0	20.74	20.76	20.62		
10	16QAM	25	12	20.62	20.61	20.57	22	1.4
10	16QAM	25	25	20.70	20.57	20.59		
10	16QAM	50	0	20.54	20.70	20.70		
10	64QAM	1	0	20.58	20.69	20.52		
10	64QAM	1	25	20.60	20.66	20.52	22	1.4
10	64QAM	1	49	20.49	20.64	20.68		
10	64QAM	25	0	19.72	19.76	19.67		
10	64QAM	25	12	19.48	19.64	19.64	21	2.4
10	64QAM	25	25	19.58	19.71	19.56		
10	64QAM	50	0	19.52	19.76	19.65		
10	256QAM	1	0	17.72	17.57	17.54		
10	256QAM	1	25	17.59	17.77	17.71	19	4.4
10	256QAM	1	49	17.53	17.70	17.60		
10	256QAM	25	0	17.61	17.71	17.58		
10	256QAM	25	12	17.60	17.58	17.54	19	4.4
10	256QAM	25	25	17.58	17.70	17.48		
10	256QAM	50	0	17.60	17.62	17.67		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.09	22.15	21.98		
5	QPSK	1	12	21.98	22.08	21.90	23.4	0
5	QPSK	1	24	22.07	22.08	21.95		
5	QPSK	12	0	21.66	21.70	21.63		
5	QPSK	12	7	21.64	21.60	21.50	23	0.4
5	QPSK	12	13	21.61	21.70	21.69		
5	QPSK	25	0	21.65	21.66	21.59		
5	16QAM	1	0	21.68	21.64	21.60		
5	16QAM	1	12	21.53	21.56	21.52	23	0.4
5	16QAM	1	24	21.59	21.66	21.64		
5	16QAM	12	0	20.68	20.62	20.62		
5	16QAM	12	7	20.59	20.64	20.51	22	1.4
5	16QAM	12	13	20.66	20.63	20.60		
5	16QAM	25	0	20.51	20.73	20.70		
5	64QAM	1	0	20.60	20.70	20.53		
5	64QAM	1	12	20.52	20.56	20.51	22	1.4
5	64QAM	1	24	20.51	20.68	20.70		
5	64QAM	12	0	19.68	19.69	19.69		
5	64QAM	12	7	19.54	19.72	19.58	21	2.4
5	64QAM	12	13	19.55	19.77	19.56		
5	64QAM	25	0	19.61	19.77	19.65		
5	256QAM	1	0	17.67	17.57	17.59		
5	256QAM	1	12	17.61	17.71	17.64	19	4.4
5	256QAM	1	24	17.60	17.72	17.60		
5	256QAM	12	0	17.60	17.68	17.56		
5	256QAM	12	7	17.54	17.69	17.52	19	4.4
5	256QAM	12	13	17.55	17.76	17.47		
5	256QAM	25	0	17.50	17.59	17.64		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.12	22.10	21.98		
3	QPSK	1	8	22.03	22.05	21.93	23.4	0
3	QPSK	1	14	22.03	22.10	21.98		
3	QPSK	8	0	21.74	21.74	21.65		
3	QPSK	8	4	21.54	21.60	21.61	23	0.4
3	QPSK	8	7	21.58	21.63	21.67		
3	QPSK	15	0	21.61	21.64	21.56		
3	16QAM	1	0	21.61	21.67	21.63		
3	16QAM	1	8	21.54	21.60	21.44	23	0.4
3	16QAM	1	14	21.54	21.61	21.58		
3	16QAM	8	0	20.68	20.74	20.65		
3	16QAM	8	4	20.58	20.64	20.54	22	1.4
3	16QAM	8	7	20.73	20.63	20.61		
3	16QAM	15	0	20.59	20.71	20.68		
3	64QAM	1	0	20.62	20.68	20.54		
3	64QAM	1	8	20.56	20.57	20.54	22	1.4
3	64QAM	1	14	20.52	20.65	20.69		
3	64QAM	8	0	19.63	19.67	19.60		
3	64QAM	8	4	19.55	19.68	19.60	21	2.4
3	64QAM	8	7	19.55	19.69	19.60		
3	64QAM	15	0	19.53	19.74	19.61		
3	256QAM	1	0	17.77	17.60	17.51		
3	256QAM	1	8	17.58	17.81	17.71	19	4.4
3	256QAM	1	14	17.61	17.67	17.70		
3	256QAM	8	0	17.65	17.69	17.68		
3	256QAM	8	4	17.60	17.63	17.61	19	4.4
3	256QAM	8	7	17.49	17.71	17.46		
3	256QAM	15	0	17.53	17.62	17.65		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.11	22.10	21.97		
1.4	QPSK	1	3	22.04	22.01	21.97		
1.4	QPSK	1	5	22.09	22.08	21.99	23.4	0
1.4	QPSK	3	0	21.69	21.75	21.68		
1.4	QPSK	3	1	21.64	21.71	21.52		
1.4	QPSK	3	3	21.67	21.67	21.63		
1.4	QPSK	6	0	21.67	21.66	21.63	23	0.4
1.4	16QAM	1	0	21.62	21.71	21.65		
1.4	16QAM	1	3	21.57	21.66	21.43		
1.4	16QAM	1	5	21.62	21.65	21.64	23	0.4
1.4	16QAM	3	0	21.50	21.62	21.56		
1.4	16QAM	3	1	21.54	21.57	21.32		
1.4	16QAM	3	3	21.48	21.55	21.54		
1.4	16QAM	6	0	20.62	20.72	20.60	22	1.4
1.4	64QAM	1	0	20.66	20.67	20.62		
1.4	64QAM	1	3	20.56	20.58	20.51		
1.4	64QAM	1	5	20.54	20.60	20.61	22	1.4
1.4	64QAM	3	0	20.49	20.68	20.53		
1.4	64QAM	3	1	20.56	20.57	20.50		
1.4	64QAM	3	3	20.46	20.55	20.46		
1.4	64QAM	6	0	19.60	19.75	19.66	21	2.4
1.4	256QAM	1	0	17.73	17.62	17.52		
1.4	256QAM	1	3	17.58	17.82	17.67		
1.4	256QAM	1	5	17.59	17.72	17.71	19	4.4
1.4	256QAM	3	0	17.62	17.71	17.61		
1.4	256QAM	3	1	17.58	17.64	17.54		
1.4	256QAM	3	3	17.56	17.66	17.44		
1.4	256QAM	6	0	17.50	17.68	17.74	19	4.4

Band 4 Ant 0 ECI 6

BW [MHz]	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	22.59	22.69	22.65		
20	QPSK	1	49	22.44	22.54	22.50	23.9	0
20	QPSK	1	99	22.47	22.63	22.59		
20	QPSK	50	0	21.75	21.78	21.63		
20	QPSK	50	24	21.56	21.68	21.61	23	0.9
20	QPSK	50	50	21.52	21.68	21.69		
20	QPSK	100	0	21.68	21.82	21.76		
20	16QAM	1	0	21.63	21.57	21.60		
20	16QAM	1	49	21.58	21.71	21.64	23	0.9
20	16QAM	1	99	21.54	21.66	21.62		
20	16QAM	50	0	20.72	20.79	20.57		
20	16QAM	50	24	20.59	20.70	20.61	22	1.9
20	16QAM	50	50	20.53	20.53	20.53		
20	16QAM	100	0	20.71	20.68	20.67		
20	64QAM	1	0	20.56	20.53	20.67		
20	64QAM	1	49	20.58	20.70	20.66	22	1.9
20	64QAM	1	99	20.44	20.69	20.75		
20	64QAM	50	0	19.74	19.76	19.61		
20	64QAM	50	24	19.64	19.68	19.68	21	2.9
20	64QAM	50	50	19.59	19.60	19.60		
20	64QAM	100	0	19.62	19.76	19.70		
20	256QAM	1	0	17.73	17.89	17.58		
20	256QAM	1	49	17.45	17.66	17.52	19	4.9
20	256QAM	1	99	17.54	17.57	17.52		
20	256QAM	50	0	17.71	17.77	17.69		
20	256QAM	50	24	17.62	17.65	17.64	19	4.9
20	256QAM	50	50	17.63	17.71	17.76		
20	256QAM	100	0	17.43	17.66	17.64		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.52	22.57	22.60		
15	QPSK	1	37	22.41	22.52	22.49	23.9	0
15	QPSK	1	74	22.39	22.55	22.52		
15	QPSK	36	0	21.71	21.74	21.62		
15	QPSK	36	20	21.53	21.60	21.56	23	0.9
15	QPSK	36	39	21.40	21.58	21.59		
15	QPSK	75	0	21.57	21.72	21.73		
15	16QAM	1	0	21.63	21.56	21.56		
15	16QAM	1	37	21.54	21.65	21.57	23	0.9
15	16QAM	1	74	21.47	21.67	21.56		
15	16QAM	36	0	20.60	20.69	20.50		
15	16QAM	36	20	20.58	20.59	20.53	22	1.9
15	16QAM	36	39	20.43	20.42	20.47		
15	16QAM	75	0	20.68	20.63	20.63		
15	64QAM	1	0	20.48	20.43	20.67		
15	64QAM	1	37	20.56	20.63	20.61	22	1.9
15	64QAM	1	74	20.32	20.63	20.65		
15	64QAM	36	0	19.64	19.59	19.55		
15	64QAM	36	20	19.56	19.63	19.59	21	2.9
15	64QAM	36	39	19.54	19.51	19.49		
15	64QAM	75	0	19.52	19.74	19.60		
15	256QAM	1	0	17.64	17.84	17.48		
15	256QAM	1	37	17.34	17.66	17.42	19	4.9
15	256QAM	1	74	17.45	17.50	17.49		
15	256QAM	36	0	17.40	17.71	17.67		
15	256QAM	36	20	17.56	17.62	17.64	19	4.9
15	256QAM	36	39	17.58	17.68	17.69		
15	256QAM	75	0	17.42	17.64	17.56		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.53	22.58	22.61		
10	QPSK	1	25	22.34	22.49	22.48	23.9	0
10	QPSK	1	49	22.49	22.67	22.47		
10	QPSK	25	0	21.67	21.70	21.56		
10	QPSK	25	12	21.55	21.60	21.51	23	0.9
10	QPSK	25	25	21.45	21.65	21.58		
10	QPSK	50	0	21.52	21.77	21.67		
10	16QAM	1	0	21.54	21.54	21.55		
10	16QAM	1	25	21.48	21.65	21.63	23	0.9
10	16QAM	1	49	21.52	21.64	21.58		
10	16QAM	25	0	20.69	20.77	20.55		
10	16QAM	25	12	20.56	20.63	20.57	22	1.9
10	16QAM	25	25	20.47	20.42	20.43		
10	16QAM	50	0	20.61	20.66	20.63		
10	64QAM	1	0	20.45	20.50	20.61		
10	64QAM	1	25	20.56	20.64	20.60	22	1.9
10	64QAM	1	49	20.42	20.66	20.74		
10	64QAM	25	0	19.70	19.74	19.62		
10	64QAM	25	12	19.52	19.65	19.58	21	2.9
10	64QAM	25	25	19.57	19.55	19.57		
10	64QAM	50	0	19.61	19.74	19.66		
10	256QAM	1	0	17.69	17.87	17.58		
10	256QAM	1	25	17.37	17.55	17.52	19	4.9
10	256QAM	1	49	17.52	17.53	17.51		
10	256QAM	25	0	17.65	17.69	17.66		
10	256QAM	25	12	17.60	17.77	17.60	19	4.9
10	256QAM	25	25	17.61	17.64	17.72		
10	256QAM	50	0	17.40	17.65	17.59		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.50	22.68	22.65		
5	QPSK	1	12	22.34	22.51	22.43	23.9	0
5	QPSK	1	24	22.44	22.53	22.54		
5	QPSK	12	0	21.71	21.72	21.59		
5	QPSK	12	7	21.45	21.66	21.52	23	0.9
5	QPSK	12	13	21.42	21.64	21.50		
5	QPSK	25	0	21.58	21.73	21.73		
5	16QAM	1	0	21.53	21.50	21.59		
5	16QAM	1	12	21.55	21.70	21.63	23	0.9
5	16QAM	1	24	21.45	21.58	21.52		
5	16QAM	12	0	20.67	20.58	20.48		
5	16QAM	12	7	20.55	20.63	20.54	22	1.9
5	16QAM	12	13	20.50	20.46	20.43		
5	16QAM	25	0	20.63	20.61	20.58		
5	64QAM	1	0	20.46	20.53	20.67		
5	64QAM	1	12	20.49	20.63	20.59	22	1.9
5	64QAM	1	24	20.39	20.62	20.63		
5	64QAM	12	0	19.67	19.75	19.61		
5	64QAM	12	7	19.58	19.61	19.58	21	2.9
5	64QAM	12	13	19.58	19.48	19.58		
5	64QAM	25	0	19.52	19.75	19.67		
5	256QAM	1	0	17.67	17.80	17.47		
5	256QAM	1	12	17.40	17.55	17.45	19	4.9
5	256QAM	1	24	17.47	17.49	17.48		
5	256QAM	12	0	17.61	17.73	17.69		
5	256QAM	12	7	17.57	17.60	17.63	19	4.9
5	256QAM	12	13	17.53	17.59	17.74		
5	256QAM	25	0	17.37	17.59	17.63		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.50	22.65	22.56		
3	QPSK	1	8	22.39	22.54	22.49	23.9	0
3	QPSK	1	14	22.45	22.51	22.51		
3	QPSK	8	0	21.73	21.68	21.53		
3	QPSK	8	4	21.46	21.67	21.59	23	0.9
3	QPSK	8	7	21.45	21.63	21.52		
3	QPSK	15	0	21.57	21.74	21.68		
3	16QAM	1	0	21.52	21.55	21.57		
3	16QAM	1	8	21.50	21.63	21.60	23	0.9
3	16QAM	1	14	21.52	21.62	21.59		
3	16QAM	8	0	20.68	20.73	20.52		
3	16QAM	8	4	20.56	20.67	20.53	22	1.9
3	16QAM	8	7	20.51	20.50	20.48		
3	16QAM	15	0	20.62	20.62	20.66		
3	64QAM	1	0	20.52	20.45	20.61		
3	64QAM	1	8	20.57	20.63	20.64	22	1.9
3	64QAM	1	14	20.38	20.66	20.66		
3	64QAM	8	0	19.67	19.68	19.53		
3	64QAM	8	4	19.58	19.68	19.59	21	2.9
3	64QAM	8	7	19.48	19.49	19.57		
3	64QAM	15	0	19.57	19.71	19.66		
3	256QAM	1	0	17.63	17.83	17.55		
3	256QAM	1	8	17.35	17.56	17.47	19	4.9
3	256QAM	1	14	17.46	17.47	17.42		
3	256QAM	8	0	17.59	17.70	17.60		
3	256QAM	8	4	17.57	17.60	17.52	19	4.9
3	256QAM	8	7	17.57	17.67	17.73		
3	256QAM	15	0	17.36	17.63	17.54		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.57	22.68	22.62		
1.4	QPSK	1	3	22.42	22.46	22.41		
1.4	QPSK	1	5	22.47	22.54	22.51	23.9	0
1.4	QPSK	3	0	22.50	22.65	22.59		
1.4	QPSK	3	1	22.36	22.42	22.33		
1.4	QPSK	3	3	22.39	22.45	22.40		
1.4	QPSK	6	0	21.67	21.82	21.69	23	0.9
1.4	16QAM	1	0	21.56	21.50	21.56		
1.4	16QAM	1	3	21.52	21.66	21.52		
1.4	16QAM	1	5	21.53	21.63	21.57	23	0.9
1.4	16QAM	3	0	21.66	21.71	21.66		
1.4	16QAM	3	1	21.48	21.42	21.53		
1.4	16QAM	3	3	21.46	21.56	21.47		
1.4	16QAM	6	0	20.59	20.58	20.59	22	1.9
1.4	64QAM	1	0	20.50	20.53	20.59		
1.4	64QAM	1	3	20.55	20.65	20.56		
1.4	64QAM	1	5	20.43	20.69	20.74	22	1.9
1.4	64QAM	3	0	20.48	20.57	20.52		
1.4	64QAM	3	1	20.43	20.44	20.57		
1.4	64QAM	3	3	20.44	20.64	20.51		
1.4	64QAM	6	0	19.59	19.70	19.58	21	2.9
1.4	256QAM	1	0	17.64	17.78	17.55		
1.4	256QAM	1	3	17.41	17.56	17.43		
1.4	256QAM	1	5	17.52	17.49	17.45	19	4.9
1.4	256QAM	3	0	17.65	17.67	17.62		
1.4	256QAM	3	1	17.51	17.58	17.55		
1.4	256QAM	3	3	17.60	17.62	17.73		
1.4	256QAM	6	0	17.38	17.63	17.57	19	4.9

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20459	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.01	22.18	22.11		
10	QPSK	1	25	22.00	22.18	21.93	23	0
10	QPSK	1	49	21.99	22.05	22.02		
10	QPSK	25	0	21.10	21.25	21.10		
10	QPSK	25	12	21.10	21.15	20.94	22	1
10	QPSK	25	25	21.06	21.21	21.16		
10	QPSK	50	0	20.98	21.23	20.99		
10	16QAM	1	0	21.11	21.20	21.02		
10	16QAM	1	25	21.06	21.16	21.04	22	1
10	16QAM	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.11	22.21	22.14	23	0
10	QPSK	1	25	22.01	22.11	21.95		
10	QPSK	1	49	22.07	22.09	22.03		
10	QPSK	25	0	21.16	21.18	21.13	22	1
10	QPSK	25	12	21.09	21.15	20.98		
10	QPSK	25	25	21.03	21.13	21.15		
10	QPSK	50	0	21.01	21.09	21.06		
10	16QAM	1	0	21.02	21.18	21.00	22	1
10	16QAM	1	25	21.00	21.11	21.06		
10	16QAM	1	49	21.02	21.08	21.03		
10	16QAM	25	0	20.17	20.23	20.12	21	2
10	16QAM	25	12	20.10	20.17	20.13		
10	16QAM	25	25	20.14	20.17	20.03		
10	16QAM	50	0	20.14	20.21	20.17		
10	64QAM	1	0	20.17	20.21	20.06	21	2
10	64QAM	1	25	20.01	20.07	20.06		
10	64QAM	1	49	19.99	20.11	19.98		
10	64QAM	25	0	19.16	19.23	19.17	20	3
10	64QAM	25	12	19.18	19.21	19.10		
10	64QAM	25	25	19.09	19.17	19.08		
10	64QAM	50	0	19.03	19.17	18.96		
10	256QAM	1	0	17.30	17.29	17.18	18	5
10	256QAM	1	25	17.20	17.33	17.15		
10	256QAM	1	49	17.17	17.28	17.14		
10	256QAM	25	0	17.10	17.13	17.08	18	5
10	256QAM	25	12	17.13	17.18	17.13		
10	256QAM	25	25	17.12	17.20	17.17		
10	256QAM	50	0	17.02	17.17	17.13		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.02	22.13	22.09	23	0
5	QPSK	1	12	21.91	21.96	21.90		
5	QPSK	1	24	22.04	22.03	21.94		
5	QPSK	12	0	21.09	21.05	21.09	22	1
5	QPSK	12	7	21.01	21.06	20.91		
5	QPSK	12	13	20.89	21.04	21.11		
5	QPSK	25	0	20.97	21.01	20.92		
5	16QAM	1	0	20.94	21.08	20.92	22	1
5	16QAM	1	12	20.92	20.98	20.95		
5	16QAM	1	24	20.94	20.97	20.90		
5	16QAM	12	0	20.05	20.10	20.01	21	2
5	16QAM	12	7	19.99	20.12	20.09		
5	16QAM	12	13	20.06	20.08	19.94		
5	16QAM	25	0	20.01	20.06	20.06		
5	64QAM	1	0	20.07	20.14	20.00	21	2
5	64QAM	1	12	19.96	19.94	20.02		
5	64QAM	1	24	19.84	20.06	19.86		
5	64QAM	12	0	19.08	19.08	19.11	20	3
5	64QAM	12	7	19.07	19.08	18.98		
5	64QAM	12	13	19.01	19.11	19.01		
5	64QAM	25	0	18.93	19.02	18.85		
5	256QAM	1	0	17.24	17.21	17.12	18	5
5	256QAM	1	12	17.08	17.18	17.06		
5	256QAM	1	24	17.13	17.24	17.06		
5	256QAM	12	0	16.97	17.04	17.05	18	5
5	256QAM	12	7	16.99	17.11	17.04		
5	256QAM	12	13	17.00	17.16	17.06		
5	256QAM	25	0	16.96	17.11	16.99		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.05	22.10	22.04	23	0
3	QPSK	1	8	21.95	21.98	21.85		
3	QPSK	1	14	22.03	21.95	21.92		
3	QPSK	8	0	21.09	21.09	21.01	22	1
3	QPSK	8	4	20.95	21.04	20.90		
3	QPSK	8	7	20.97	21.00	21.07		
3	QPSK	15	0	20.88	21.00	20.96		
3	16QAM	1	0	20.96	21.10	20.96	22	1
3	16QAM	1	8	20.87	21.07	21.02		
3	16QAM	1	14	20.90	20.98	20.89		
3	16QAM	8	0	20.06	20.11	19.98	21	2
3	16QAM	8	4	20.01	20.08	20.06		
3	16QAM	8	7	20.02	20.12	19.89		
3	16QAM	15	0	20.11	20.17	20.12		
3	64QAM	1	0	20.05	20.17	19.96	21	2
3	64QAM	1	8	19.89	20.02	19.96		
3	64QAM	1	14	19.87	20.00	19.88		
3	64QAM	8	0	19.05	19.08	19.13	20	3
3	64QAM	8	4	19.11	19.07	19.06		
3	64QAM	8	7	18.96	19.07	19.04		
3	64QAM	15	0	18.93	19.11	18.92		
3	256QAM	1	0	17.22	17.18	17.09	18	5
3	256QAM	1	8	17.06	17.29	17.05		
3	256QAM	1	14	17.14	17.24	17.04		
3	256QAM	8	0	16.98	17.02	16.96	18	5
3	256QAM	8	4	17.02	17.13	17.03		
3	256QAM	8	7	17.02	17.11	17.04		
3	256QAM	15	0	16.92	17.10	17.05		
Channel				22017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.06	22.17	22.02	23	0
1.4	QPSK	1	3	21.87	22.06	21.85		
1.4	QPSK	1	5	22.04	22.05	21.89		
1.4	QPSK	3	0	22.07	22.11	22.03		
1.4	QPSK	3	1	21.88	21.97	21.87		
1.4	QPSK	3	3	21.96	21.99	21.97		
1.4	QPSK	6	0	21.04	21.08	21.02	22	1
1.4	16QAM	1	0	20.99	21.05	20.86	22	1
1.4	16QAM	1	3	20.92	21.07	21.04		
1.4	16QAM	1	5	20.94	20.98	20.93		
1.4	16QAM	3	0	20.92	21.14	20.87		
1.4	16QAM	3	1	20.90	20.96	21.01		
1.4	16QAM	3	3	20.91	20.94	20.90		
1.4	16QAM	6	0	20.11	20.11	19.98	21	2
1.4	64QAM	1	0	19.99	20.08	20.01	21	2
1.4	64QAM	1	3	20.10	20.04	19.88		
1.4	64QAM	1	5	20.03	20.07	20.07		
1.4	64QAM	3	0	20.10	20.17	19.93		
1.4	64QAM	3	1	19.90	19.99	20.00		
1.4	64QAM	3	3	19.87	20.08	19.90		
1.4	64QAM	6	0	19.09	19.13	19.05	20	3
1.4	256QAM	1	0	17.17	17.18	17.09	18	5
1.4	256QAM	1	3	17.13	17.30	17.11		
1.4	256QAM	1	5	17.12	17.20	17.07		
1.4	256QAM	3	0	17.02	17.06	17.05		
1.4	256QAM	3	1	17.06	17.05	17.06		
1.4	256QAM	3	3	17.00	17.11	17.12		
1.4	256QAM	6	0	16.97	17.13	17.06	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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.20		23	0
10	QPSK	1	25		22.13			
10	QPSK	1	49		22.08			
10	QPSK	25	0		21.17		22	1
10	QPSK	25	12		21.11			
10	QPSK	25	25		21.13			
10	QPSK	50	0		21.10			
10	16QAM	1	0		21.12		22	1
10	16QAM	1	25		21.09			
10	16QAM	1	49		21.11			
10	16QAM	25	0		20.27		21	2
10	16QAM	25	12		20.22			
10	16QAM	25	25		20.18			
10	16QAM	50	0		20.25			
10	64QAM	1	0		20.19		21	2
10	64QAM	1	25		20.14			
10	64QAM	1	49		20.11			
10	64QAM	25	0		19.29		20	3
10	64QAM	25	12		19.26			
10	64QAM	25	25		19.13			
10	64QAM	50	0		19.10			
10	256QAM	1	0		17.36		18	5
10	256QAM	1	25		17.35			
10	256QAM	1	49		17.28			
10	256QAM	25	0		17.11		18	5
10	256QAM	25	12		17.18			
10	256QAM	25	25		17.26			
10	256QAM	50	0		17.19			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.10	22.16	22.13	23	0
5	QPSK	1	12	22.09	22.03	21.98		
5	QPSK	1	24	22.00	22.02	21.99		
5	QPSK	12	0	21.03	21.05	21.03	22	1
5	QPSK	12	7	20.99	20.99	21.01		
5	QPSK	12	13	21.10	21.07	21.07		
5	QPSK	25	0	21.07	21.03	21.00		
5	16QAM	1	0	21.04	21.03	21.05	22	1
5	16QAM	1	12	20.98	21.01	20.98		
5	16QAM	1	24	21.03	21.05	21.07		
5	16QAM	12	0	20.17	20.12	20.23	21	2
5	16QAM	12	7	20.13	20.08	20.17		
5	16QAM	12	13	20.05	20.07	20.14		
5	16QAM	25	0	20.14	20.17	20.15		
5	64QAM	1	0	20.11	20.12	20.06	21	2
5	64QAM	1	12	20.02	20.03	20.09		
5	64QAM	1	24	20.00	20.01	20.06		
5	64QAM	12	0	19.23	19.15	19.25	20	3
5	64QAM	12	7	19.19	19.20	19.17		
5	64QAM	12	13	19.07	19.07	19.05		
5	64QAM	25	0	19.05	19.04	19.03		
5	256QAM	1	0	17.23	17.26	17.23	18	5
5	256QAM	1	12	17.21	17.27	17.25		
5	256QAM	1	24	17.19	17.13	17.15		
5	256QAM	12	0	17.06	17.03	17.01	18	5
5	256QAM	12	7	17.04	17.05	17.08		
5	256QAM	12	13	17.17	17.15	17.22		
5	256QAM	25	0	17.12	17.11	17.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.31		23	0
10	QPSK	1	25		22.28			
10	QPSK	1	49		22.24			
10	QPSK	25	0		21.31		22	1
10	QPSK	25	12		21.22			
10	QPSK	25	25		21.21			
10	QPSK	50	0		21.25			
10	16QAM	1	0		21.20		22	1
10	16QAM	1	25		21.14			
10	16QAM	1	49		21.21			
10	16QAM	25	0		20.39		21	2
10	16QAM	25	12		20.36			
10	16QAM	25	25		20.34			
10	16QAM	50	0		20.30			
10	64QAM	1	0		20.34		21	2
10	64QAM	1	25		20.22			
10	64QAM	1	49		20.16			
10	64QAM	25	0		19.37		20	3
10	64QAM	25	12		19.35			
10	64QAM	25	25		19.25			
10	64QAM	50	0		19.21			
10	256QAM	1	0		17.48		18	5
10	256QAM	1	25		17.47			
10	256QAM	1	49		17.42			
10	256QAM	25	0		17.21		18	5
10	256QAM	25	12		17.23			
10	256QAM	25	25		17.41			
10	256QAM	50	0		17.33			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.19	22.27	22.21	23	0
5	QPSK	1	12	22.15	22.21	22.16		
5	QPSK	1	24	22.10	22.14	22.18		
5	QPSK	12	0	21.27	21.27	21.27	22	1
5	QPSK	12	7	21.11	21.16	21.16		
5	QPSK	12	13	21.08	21.13	21.07		
5	QPSK	25	0	21.14	21.17	21.13		
5	16QAM	1	0	21.14	21.12	21.11	22	1
5	16QAM	1	12	21.01	21.08	21.10		
5	16QAM	1	24	21.14	21.11	21.18		
5	16QAM	12	0	20.34	20.24	20.28	21	2
5	16QAM	12	7	20.24	20.30	20.28		
5	16QAM	12	13	20.26	20.31	20.26		
5	16QAM	25	0	20.22	20.18	20.22		
5	64QAM	1	0	20.26	20.24	20.25	21	2
5	64QAM	1	12	20.09	20.08	20.14		
5	64QAM	1	24	20.07	20.09	20.06		
5	64QAM	12	0	19.29	19.29	19.29	20	3
5	64QAM	12	7	19.27	19.25	19.30		
5	64QAM	12	13	19.10	19.14	19.13		
5	64QAM	25	0	19.14	19.07	19.17		
5	256QAM	1	0	17.45	17.39	17.33	18	5
5	256QAM	1	12	17.39	17.35	17.42		
5	256QAM	1	24	17.36	17.35	17.28		
5	256QAM	12	0	17.10	17.08	17.12	18	5
5	256QAM	12	7	17.15	17.14	17.08		
5	256QAM	12	13	17.27	17.28	17.34		
5	256QAM	25	0	17.28	17.20	17.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0		22.10		23	0
10	QPSK	1	25		22.08			
10	QPSK	1	49		21.95			
10	QPSK	25	0		21.14		22	1
10	QPSK	25	12		21.06			
10	QPSK	25	25		21.10			
10	QPSK	50	0		20.97			
10	16QAM	1	0		21.02		22	1
10	16QAM	1	25		21.03			
10	16QAM	1	49		21.00			
10	16QAM	25	0		20.16		21	2
10	16QAM	25	12		20.16			
10	16QAM	25	25		20.09			
10	16QAM	50	0		20.14			
10	64QAM	1	0		20.09		21	2
10	64QAM	1	25		20.09			
10	64QAM	1	49		20.06			
10	64QAM	25	0		19.18		20	3
10	64QAM	25	12		19.20			
10	64QAM	25	25		19.06			
10	64QAM	50	0		19.01			
10	256QAM	1	0		17.25		18	5
10	256QAM	1	25		17.31			
10	256QAM	1	49		17.25			
10	256QAM	25	0		16.99		18	5
10	256QAM	25	12		17.10			
10	256QAM	25	25		17.15			
10	256QAM	50	0		17.10			
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.03	22.07	22.00	23	0
5	QPSK	1	12	21.96	22.04	21.96		
5	QPSK	1	24	21.90	21.83	21.92		
5	QPSK	12	0	21.08	21.11	21.00	22	1
5	QPSK	12	7	20.96	20.97	21.02		
5	QPSK	12	13	21.02	20.96	20.96		
5	QPSK	25	0	20.94	20.89	20.91		
5	16QAM	1	0	20.94	20.95	20.90	22	1
5	16QAM	1	12	20.96	20.99	20.92		
5	16QAM	1	24	20.93	20.94	20.95		
5	16QAM	12	0	20.08	20.04	20.06	21	2
5	16QAM	12	7	20.06	20.01	20.03		
5	16QAM	12	13	19.96	19.98	20.01		
5	16QAM	25	0	20.10	20.05	20.07		
5	64QAM	1	0	19.96	19.96	19.99	21	2
5	64QAM	1	12	19.94	20.04	19.97		
5	64QAM	1	24	19.96	19.99	19.96		
5	64QAM	12	0	19.05	19.03	19.06	20	3
5	64QAM	12	7	19.11	19.14	19.11		
5	64QAM	12	13	18.95	18.93	19.00		
5	64QAM	25	0	18.92	18.90	18.90		
5	256QAM	1	0	17.19	17.19	17.17	18	5
5	256QAM	1	12	17.21	17.25	17.23		
5	256QAM	1	24	17.18	17.14	17.14		
5	256QAM	12	0	16.90	16.95	16.89	18	5
5	256QAM	12	7	17.07	17.04	17.07		
5	256QAM	12	13	17.03	17.06	17.05		
5	256QAM	25	0	16.97	16.96	17.01		

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BW [MHz]	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	22.20	22.25	22.18	23.4	0
20	QPSK	1	49	22.11	22.23	22.10		
20	QPSK	1	99	22.19	22.22	22.07		
20	QPSK	50	0	21.83	21.85	21.81	23	0.4
20	QPSK	50	24	21.79	21.82	21.76		
20	QPSK	50	50	21.77	21.79	21.80		
20	QPSK	100	0	21.78	21.83	21.77		
20	16QAM	1	0	21.80	21.80	21.72	23	0.4
20	16QAM	1	49	21.75	21.80	21.67		
20	16QAM	1	99	21.71	21.78	21.77		
20	16QAM	50	0	20.82	20.83	20.82	22	1.4
20	16QAM	50	24	20.81	20.82	20.73		
20	16QAM	50	50	20.80	20.80	20.75		
20	16QAM	100	0	20.75	20.88	20.80		
20	64QAM	1	0	20.83	20.85	20.71	22	1.4
20	64QAM	1	49	20.75	20.80	20.67		
20	64QAM	1	99	20.67	20.75	20.82		
20	64QAM	50	0	19.81	19.86	19.85	21	2.4
20	64QAM	50	24	19.73	19.83	19.76		
20	64QAM	50	50	19.79	19.82	19.77		
20	64QAM	100	0	19.75	19.88	19.82		
20	256QAM	1	0	17.84	17.84	17.77	19	4.4
20	256QAM	1	49	17.78	17.87	17.78		
20	256QAM	1	99	17.73	17.84	17.81		
20	256QAM	50	0	17.82	17.83	17.83	19	4.4
20	256QAM	50	24	17.77	17.80	17.76		
20	256QAM	50	50	17.76	17.85	17.66		
20	256QAM	100	0	17.69	17.75	17.76		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.11	22.18	22.09	23.4	0
15	QPSK	1	37	22.02	22.17	22.02		
15	QPSK	1	74	22.10	22.21	21.99		
15	QPSK	36	0	21.74	21.80	21.77	23	0.4
15	QPSK	36	20	21.76	21.73	21.75		
15	QPSK	36	39	21.69	21.71	21.77		
15	QPSK	75	0	21.68	21.72	21.68		
15	16QAM	1	0	21.75	21.72	21.69	23	0.4
15	16QAM	1	37	21.63	21.72	21.58		
15	16QAM	1	74	21.64	21.74	21.67		
15	16QAM	36	0	20.78	20.78	20.78	22	1.4
15	16QAM	36	20	20.75	20.78	20.69		
15	16QAM	36	39	20.78	20.79	20.69		
15	16QAM	75	0	20.68	20.85	20.79		
15	64QAM	1	0	20.79	20.82	20.68	22	1.4
15	64QAM	1	37	20.75	20.75	20.57		
15	64QAM	1	74	20.63	20.70	20.82		
15	64QAM	36	0	19.75	19.80	19.84	21	2.4
15	64QAM	36	20	19.65	19.71	19.71		
15	64QAM	36	39	19.70	19.75	19.71		
15	64QAM	75	0	19.65	19.84	19.75		
15	256QAM	1	0	17.75	17.79	17.69	19	4.4
15	256QAM	1	37	17.75	17.79	17.69		
15	256QAM	1	74	17.62	17.78	17.69		
15	256QAM	36	0	17.71	17.76	17.75	19	4.4
15	256QAM	36	20	17.70	17.72	17.72		
15	256QAM	36	39	17.72	17.84	17.55		
15	256QAM	75	0	17.61	17.72	17.71		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.13	22.23	22.15	23.4	0
10	QPSK	1	25	22.04	22.23	22.02		
10	QPSK	1	49	22.18	22.11	22.07		
10	QPSK	25	0	21.82	21.84	21.72	23	0.4
10	QPSK	25	12	21.75	21.71	21.66		
10	QPSK	25	25	21.76	21.77	21.71		
10	QPSK	50	0	21.71	21.79	21.75		
10	16QAM	1	0	21.70	21.72	21.66	23	0.4
10	16QAM	1	25	21.63	21.69	21.65		
10	16QAM	1	49	21.68	21.73	21.66		
10	16QAM	25	0	20.75	20.76	20.81	22	1.4
10	16QAM	25	12	20.70	20.77	20.71		
10	16QAM	25	25	20.77	20.75	20.67		
10	16QAM	50	0	20.70	20.79	20.79		
10	64QAM	1	0	20.79	20.77	20.60	22	1.4
10	64QAM	1	25	20.68	20.76	20.66		
10	64QAM	1	49	20.63	20.65	20.75		
10	64QAM	25	0	19.79	19.75	19.73	21	2.4
10	64QAM	25	12	19.72	19.82	19.75		
10	64QAM	25	25	19.76	19.76	19.74		
10	64QAM	50	0	19.70	19.87	19.78		
10	256QAM	1	0	17.78	17.76	17.75	19	4.4
10	256QAM	1	25	17.77	17.83	17.68		
10	256QAM	1	49	17.64	17.78	17.77		
10	256QAM	25	0	17.79	17.72	17.73	19	4.4
10	256QAM	25	12	17.74	17.70	17.72		
10	256QAM	25	25	17.68	17.73	17.57		
10	256QAM	50	0	17.65	17.68	17.69		
Channel				26050	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.10	22.17	22.11	23.4	0
5	QPSK	1	12	22.10	22.23	22.00		
5	QPSK	1	24	22.12	22.14	22.05		
5	QPSK	12	0	21.81	21.85	21.77	23	0.4
5	QPSK	12	7	21.78	21.74	21.67		
5	QPSK	12	13	21.76	21.76	21.76		
5	QPSK	25	0	21.73	21.77	21.73		
5	16QAM	1	0	21.70	21.76	21.70	23	0.4
5	16QAM	1	12	21.67	21.77	21.64		
5	16QAM	1	24	21.62	21.68	21.70		
5	16QAM	12	0	20.73	20.77	20.76	22	1.4
5	16QAM	12	7	20.77	20.81	20.64		
5	16QAM	12	13	20.69	20.78	20.70		
5	16QAM	25	0	20.67	20.80	20.75		
5	64QAM	1	0	20.72	20.83	20.67	22	1.4
5	64QAM	1	12	20.75	20.75	20.56		
5	64QAM	1	24	20.66	20.63	20.72		
5	64QAM	12	0	19.74	19.78	19.73	21	2.4
5	64QAM	12	7	19.82	19.82	19.64		
5	64QAM	12	13	19.73	19.80	19.67		
5	64QAM	25	0	19.67	19.86	19.76		
5	256QAM	1	0	17.78	17.74	17.69	19	4.4
5	256QAM	1	12	17.73	17.85	17.68		
5	256QAM	1	24	17.66	17.73	17.71		
5	256QAM	12	0	17.77	17.76	17.74	19	4.4
5	256QAM	12	7	17.67	17.79	17.69		
5	256QAM	12	13	17.65	17.77	17.59		
5	256QAM	25	0	17.63	17.66	17.75		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.09	22.19	22.12	23.4	0
3	QPSK	1	8	22.09	22.15	22.02		
3	QPSK	1	14	22.19	22.22	22.03		
3	QPSK	8	0	21.79	21.74	21.78	23	0.4
3	QPSK	8	4	21.75	21.74	21.73		
3	QPSK	8	7	21.70	21.75	21.78		
3	QPSK	15	0	21.71	21.71	21.73		
3	16QAM	1	0	21.73	21.68	21.69	23	0.4
3	16QAM	1	8	21.73	21.69	21.66		
3	16QAM	1	14	21.61	21.69	21.76		
3	16QAM	8	0	20.75	20.75	20.75	22	1.4
3	16QAM	8	4	20.69	20.72	20.71		
3	16QAM	8	7	20.76	20.70	20.64		
3	16QAM	15	0	20.73	20.78	20.71		
3	64QAM	1	0	20.79	20.74	20.63	22	1.4
3	64QAM	1	8	20.65	20.77	20.66		
3	64QAM	1	14	20.59	20.69	20.76		
3	64QAM	8	0	19.76	19.77	19.84	21	2.4
3	64QAM	8	4	19.67	19.82	19.65		
3	64QAM	8	7	19.68	19.77	19.76		
3	64QAM	15	0	19.66	19.76	19.71		
3	256QAM	1	0	17.73	17.84	17.67	19	4.4
3	256QAM	1	8	17.66	17.77	17.71		
3	256QAM	1	14	17.70	17.83	17.75		
3	256QAM	8	0	17.72	17.77	17.72	19	4.4
3	256QAM	8	4	17.66	17.77	17.65		
3	256QAM	8	7	17.64	17.75	17.63		
3	256QAM	15	0	17.58	17.66	17.67		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.17	22.16	22.12	23.4	0
1.4	QPSK	1	3	22.02	22.18	21.99		
1.4	QPSK	1	5	22.11	22.17	21.99		
1.4	QPSK	3	0	21.82	21.83	21.70		
1.4	QPSK	3	1	21.73	21.80	21.69		
1.4	QPSK	3	3	21.67	21.74	21.70		
1.4	QPSK	6	0	21.67	21.78	21.73	23	0.4
1.4	16QAM	1	0	21.74	21.77	21.68	23	0.4
1.4	16QAM	1	3	21.63	21.73	21.56		
1.4	16QAM	1	5	21.67	21.68	21.72		
1.4	16QAM	3	0	21.65	21.68	21.67		
1.4	16QAM	3	1	21.56	21.65	21.53		
1.4	16QAM	3	3	21.63	21.62	21.69		
1.4	16QAM	6	0	20.71	20.79	20.71	22	1.4
1.4	64QAM	1	0	20.82	20.82	20.68	22	1.4
1.4	64QAM	1	3	20.69	20.76	20.65		
1.4	64QAM	1	5	20.57	20.71	20.73		
1.4	64QAM	3	0	20.70	20.76	20.65		
1.4	64QAM	3	1	20.72	20.74	20.60		
1.4	64QAM	3	3	20.66	20.64	20.63		
1.4	64QAM	6	0	19.74	19.87	19.79	21	2.4
1.4	256QAM	1	0	17.73	17.81	17.68	19	4.4
1.4	256QAM	1	3	17.71	17.83	17.73		
1.4	256QAM	1	5	17.73	17.84	17.81		
1.4	256QAM	3	0	17.75	17.78	17.73		
1.4	256QAM	3	1	17.67	17.74	17.73		
1.4	256QAM	3	3	17.70	17.81	17.57		
1.4	256QAM	6	0	17.69	17.70	17.75	19	4.4

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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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.17	22.22	22.13	23	0
15	QPSK	1	37	22.16	22.18	22.10		
15	QPSK	1	74	22.15	22.16	22.10		
15	QPSK	36	0	21.25	21.30	21.21	22	1
15	QPSK	36	20	21.12	21.16	21.09		
15	QPSK	36	39	21.18	21.20	21.26		
15	QPSK	75	0	21.08	21.29	21.13		
15	16QAM	1	0	21.17	21.20	21.05	22	1
15	16QAM	1	37	21.21	21.20	21.09		
15	16QAM	1	74	21.03	21.16	21.08		
15	16QAM	36	0	20.25	20.26	20.20	21	2
15	16QAM	36	20	20.24	20.31	20.28		
15	16QAM	36	39	20.17	20.26	20.13		
15	16QAM	75	0	20.20	20.29	20.25		
15	64QAM	1	0	20.25	20.30	20.08	21	2
15	64QAM	1	37	20.12	20.28	20.11		
15	64QAM	1	74	20.16	20.23	20.06		
15	64QAM	36	0	19.19	19.41	19.24	20	3
15	64QAM	36	20	19.27	19.31	19.25		
15	64QAM	36	39	19.12	19.29	19.15		
15	64QAM	75	0	19.16	19.22	19.12		
15	256QAM	1	0	17.32	17.38	17.29	18	5
15	256QAM	1	37	17.34	17.39	17.21		
15	256QAM	1	74	17.21	17.40	17.24		
15	256QAM	36	0	17.27	17.29	17.16	18	5
15	256QAM	36	20	17.24	17.25	17.28		
15	256QAM	36	39	17.24	17.26	17.23		
15	256QAM	75	0	17.08	17.30	17.17		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.10	22.19	22.05	23	0
10	QPSK	1	25	22.09	22.11	22.01		
10	QPSK	1	49	22.03	22.08	22.04		
10	QPSK	25	0	21.18	21.26	21.18	22	1
10	QPSK	25	12	21.05	21.05	20.96		
10	QPSK	25	25	21.10	21.17	21.21		
10	QPSK	50	0	20.93	21.20	21.08		
10	16QAM	1	0	21.04	21.10	20.95	22	1
10	16QAM	1	25	21.10	21.14	20.96		
10	16QAM	1	49	20.94	21.12	21.05		
10	16QAM	25	0	20.13	20.18	20.07	21	2
10	16QAM	25	12	20.20	20.23	20.14		
10	16QAM	25	25	20.13	20.12	19.99		
10	16QAM	50	0	20.06	20.25	20.19		
10	64QAM	1	0	20.17	20.23	19.96	21	2
10	64QAM	1	25	19.97	20.13	19.98		
10	64QAM	1	49	20.03	20.13	20.00		
10	64QAM	25	0	19.15	19.28	19.16	20	3
10	64QAM	25	12	19.19	19.24	19.11		
10	64QAM	25	25	19.02	19.23	19.01		
10	64QAM	50	0	19.07	19.19	19.04		
10	256QAM	1	0	17.25	17.31	17.23	18	5
10	256QAM	1	25	17.19	17.30	17.07		
10	256QAM	1	49	17.12	17.33	17.13		
10	256QAM	25	0	17.21	17.20	17.12	18	5
10	256QAM	25	12	17.09	17.16	17.18		
10	256QAM	25	25	17.09	17.18	17.11		
10	256QAM	50	0	16.97	17.16	17.08		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.13	22.08	22.03	23	0
5	QPSK	1	12	22.04	22.09	22.02		
5	QPSK	1	24	22.11	22.04	22.03		
5	QPSK	12	0	21.22	21.17	21.11	22	1
5	QPSK	12	7	21.00	21.02	20.96		
5	QPSK	12	13	21.09	21.06	21.12		
5	QPSK	25	0	20.97	21.24	21.10		
5	16QAM	1	0	21.06	21.15	20.92	22	1
5	16QAM	1	12	21.11	21.06	20.95		
5	16QAM	1	24	20.91	21.06	20.93		
5	16QAM	12	0	20.17	20.17	20.11	21	2
5	16QAM	12	7	20.13	20.27	20.15		
5	16QAM	12	13	20.11	20.12	20.00		
5	16QAM	25	0	20.15	20.20	20.22		
5	64QAM	1	0	20.20	20.24	20.00	21	2
5	64QAM	1	12	20.08	20.23	19.98		
5	64QAM	1	24	20.08	20.09	19.96		
5	64QAM	12	0	19.10	19.37	19.09	20	3
5	64QAM	12	7	19.22	19.24	19.14		
5	64QAM	12	13	19.08	19.18	19.08		
5	64QAM	25	0	19.08	19.08	19.08		
5	256QAM	1	0	17.28	17.25	17.18	18	5
5	256QAM	1	12	17.21	17.33	17.07		
5	256QAM	1	24	17.10	17.36	17.20		
5	256QAM	12	0	17.22	17.15	17.10	18	5
5	256QAM	12	7	17.12	17.17	17.21		
5	256QAM	12	13	17.11	17.13	17.17		
5	256QAM	25	0	16.95	17.19	17.13		
Channel				26700	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.03	22.13	21.99	23	0
3	QPSK	1	8	22.04	22.11	21.99		
3	QPSK	1	14	22.05	22.05	21.96		
3	QPSK	8	0	21.16	21.17	21.07	22	1
3	QPSK	8	4	21.03	21.02	20.94		
3	QPSK	8	7	21.08	21.11	21.20		
3	QPSK	15	0	21.02	21.26	21.02		
3	16QAM	1	0	21.10	21.09	20.93	22	1
3	16QAM	1	8	21.14	21.05	21.01		
3	16QAM	1	14	20.88	21.06	21.01		
3	16QAM	8	0	20.12	20.13	20.14	21	2
3	16QAM	8	4	20.11	20.26	20.14		
3	16QAM	8	7	20.09	20.20	20.06		
3	16QAM	15	0	20.16	20.19	20.11		
3	64QAM	1	0	20.11	20.24	19.94	21	2
3	64QAM	1	8	20.09	20.17	20.07		
3	64QAM	1	14	20.07	20.13	19.94		
3	64QAM	8	0	19.06	19.31	19.18	20	3
3	64QAM	8	4	19.16	19.27	19.14		
3	64QAM	8	7	19.06	19.15	19.01		
3	64QAM	15	0	19.12	19.15	19.03		
3	256QAM	1	0	17.21	17.35	17.19	18	5
3	256QAM	1	8	17.23	17.30	17.14		
3	256QAM	1	14	17.15	17.36	17.18		
3	256QAM	8	0	17.18	17.14	17.12	18	5
3	256QAM	8	4	17.12	17.21	17.17		
3	256QAM	8	7	17.21	17.13	17.17		
3	256QAM	15	0	17.01	17.17	17.02		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.08	22.16	22.06	23	0
1.4	QPSK	1	3	22.02	22.10	21.96		
1.4	QPSK	1	5	22.02	22.12	22.01		
1.4	QPSK	3	0	22.06	22.12	22.02		
1.4	QPSK	3	1	22.08	22.10	21.99		
1.4	QPSK	3	3	22.08	22.01	21.99		
1.4	QPSK	6	0	21.16	21.17	21.16	22	1
1.4	16QAM	1	0	21.04	21.10	21.04	22	1
1.4	16QAM	1	3	21.07	21.17	21.19		
1.4	16QAM	1	5	21.04	21.22	21.03		
1.4	16QAM	3	0	21.05	21.05	20.92		
1.4	16QAM	3	1	21.10	21.13	21.04		
1.4	16QAM	3	3	20.95	21.12	20.99		
1.4	16QAM	6	0	20.14	20.13	20.16	21	2
1.4	64QAM	1	0	20.19	20.22	20.19	21	2
1.4	64QAM	1	3	20.05	20.18	20.06		
1.4	64QAM	1	5	20.13	20.16	20.11		
1.4	64QAM	3	0	20.16	20.16	20.04		
1.4	64QAM	3	1	20.07	20.22	20.02		
1.4	64QAM	3	3	20.07	20.12	19.90		
1.4	64QAM	6	0	19.13	19.29	19.15	20	3
1.4	256QAM	1	0	17.18	17.27	17.17	18	5
1.4	256QAM	1	3	17.30	17.24	17.17		
1.4	256QAM	1	5	17.06	17.27	17.10		
1.4	256QAM	3	0	17.24	17.21	17.11		
1.4	256QAM	3	1	17.14	17.22	17.22		
1.4	256QAM	3	3	17.12	17.12	17.15		
1.4	256QAM	6	0	17.00	17.16	17.07	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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.99		23	0
10	QPSK	1	25		21.96			
10	QPSK	1	49		21.93			
10	QPSK	25	0		21.93		23	0
10	QPSK	25	12		21.87			
10	QPSK	25	25		21.88			
10	QPSK	50	0		21.86			
10	16QAM	1	0		21.86		23	0
10	16QAM	1	25		21.90			
10	16QAM	1	49		21.91			
10	16QAM	25	0		21.81		23	0
10	16QAM	25	12		21.74			
10	16QAM	25	25		21.81			
10	16QAM	50	0		21.74			
10	64QAM	1	0		21.83		23	0
10	64QAM	1	25		21.80			
10	64QAM	1	49		21.75			
10	64QAM	25	0		20.99		22	1
10	64QAM	25	12		21.01			
10	64QAM	25	25		20.92			
10	64QAM	50	0		20.90			
10	256QAM	1	0		19.02		20	3
10	256QAM	1	25		18.96			
10	256QAM	1	49		18.88			
10	256QAM	25	0		18.93		20	3
10	256QAM	25	12		18.85			
10	256QAM	25	25		18.83			
10	256QAM	50	0		18.90			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	21.86	21.95	21.92	23	0
5	QPSK	1	12	21.93	21.93	21.91		
5	QPSK	1	24	21.82	21.88	21.85		
5	QPSK	12	0	21.87	21.80	21.81	23	0
5	QPSK	12	7	21.77	21.79	21.79		
5	QPSK	12	13	21.75	21.85	21.80		
5	QPSK	25	0	21.82	21.77	21.80		
5	16QAM	1	0	21.82	21.81	21.80	23	0
5	16QAM	1	12	21.78	21.82	21.78		
5	16QAM	1	24	21.89	21.86	21.87		
5	16QAM	12	0	21.68	21.72	21.70	23	0
5	16QAM	12	7	21.62	21.64	21.60		
5	16QAM	12	13	21.72	21.68	21.69		
5	16QAM	25	0	21.72	21.72	21.67		
5	64QAM	1	0	21.78	21.80	21.71	23	0
5	64QAM	1	12	21.71	21.75	21.69		
5	64QAM	1	24	21.67	21.62	21.71		
5	64QAM	12	0	20.87	20.97	20.90	22	1
5	64QAM	12	7	20.94	20.96	20.96		

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BW [MHz]	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	22.64	22.70	22.66	23.9	0
20	QPSK	1	49	22.55	22.56	22.60		
20	QPSK	1	99	22.55	22.64	22.63		
20	QPSK	50	0	21.79	21.85	21.70	23	0.9
20	QPSK	50	24	21.58	21.70	21.67		
20	QPSK	50	50	21.62	21.68	21.67		
20	QPSK	100	0	21.71	21.82	21.77		
20	16QAM	1	0	21.65	21.65	21.71	23	0.9
20	16QAM	1	49	21.64	21.75	21.74		
20	16QAM	1	99	21.54	21.72	21.73		
20	16QAM	50	0	20.76	20.89	20.64	22	1.9
20	16QAM	50	24	20.63	20.70	20.66		
20	16QAM	50	50	20.64	20.64	20.63		
20	16QAM	100	0	20.75	20.78	20.78		
20	64QAM	1	0	20.62	20.60	20.72	22	1.9
20	64QAM	1	49	20.63	20.78	20.75		
20	64QAM	1	99	20.53	20.76	20.76		
20	64QAM	50	0	19.74	19.83	19.72	21	2.9
20	64QAM	50	24	19.64	19.72	19.70		
20	64QAM	50	50	19.65	19.70	19.66		
20	64QAM	100	0	19.71	19.80	19.75		
20	256QAM	1	0	17.80	17.91	17.68	19	4.9
20	256QAM	1	49	17.55	17.72	17.64		
20	256QAM	1	99	17.60	17.69	17.62		
20	256QAM	50	0	17.73	17.79	17.79	19	4.9
20	256QAM	50	24	17.68	17.67	17.70		
20	256QAM	50	50	17.67	17.81	17.79		
20	256QAM	100	0	17.49	17.67	17.69		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.56	22.61	22.62	23.9	0
15	QPSK	1	37	22.49	22.53	22.50		
15	QPSK	1	74	22.44	22.59	22.52		
15	QPSK	36	0	21.76	21.76	21.62	23	0.9
15	QPSK	36	20	21.51	21.66	21.56		
15	QPSK	36	39	21.62	21.57	21.60		
15	QPSK	75	0	21.66	21.76	21.73		
15	16QAM	1	0	21.62	21.57	21.66	23	0.9
15	16QAM	1	37	21.59	21.75	21.65		
15	16QAM	1	74	21.42	21.70	21.70		
15	16QAM	36	0	20.71	20.81	20.58	22	1.9
15	16QAM	36	20	20.62	20.69	20.63		
15	16QAM	36	39	20.60	20.63	20.57		
15	16QAM	75	0	20.64	20.76	20.75		
15	64QAM	1	0	20.58	20.57	20.65	22	1.9
15	64QAM	1	37	20.58	20.71	20.70		
15	64QAM	1	74	20.46	20.65	20.69		
15	64QAM	36	0	19.68	19.82	19.70	21	2.9
15	64QAM	36	20	19.62	19.62	19.59		
15	64QAM	36	39	19.62	19.64	19.54		
15	64QAM	75	0	19.65	19.72	19.64		
15	256QAM	1	0	17.79	17.83	17.59	19	4.9
15	256QAM	1	37	17.46	17.70	17.54		
15	256QAM	1	74	17.59	17.58	17.61		
15	256QAM	36	0	17.69	17.75	17.69	19	4.9
15	256QAM	36	20	17.59	17.60	17.64		
15	256QAM	36	39	17.61	17.75	17.73		
15	256QAM	75	0	17.40	17.56	17.69		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.58	22.67	22.55	23.9	0
10	QPSK	1	25	22.39	22.52	22.51		
10	QPSK	1	49	22.43	22.61	22.53		
10	QPSK	25	0	21.75	21.79	21.67	23	0.9
10	QPSK	25	12	21.53	21.69	21.58		
10	QPSK	25	25	21.60	21.58	21.64		
10	QPSK	50	0	21.65	21.81	21.72		
10	16QAM	1	0	21.63	21.58	21.67	23	0.9
10	16QAM	1	25	21.54	21.68	21.72		
10	16QAM	1	49	21.48	21.63	21.63		
10	16QAM	25	0	20.67	20.77	20.57	22	1.9
10	16QAM	25	12	20.58	20.68	20.56		
10	16QAM	25	25	20.62	20.54	20.57		
10	16QAM	50	0	20.65	20.70	20.71		
10	64QAM	1	0	20.61	20.54	20.66	22	1.9
10	64QAM	1	25	20.55	20.68	20.73		
10	64QAM	1	49	20.49	20.69	20.75		
10	64QAM	25	0	19.66	19.72	19.70	21	2.9
10	64QAM	25	12	19.58	19.66	19.59		
10	64QAM	25	25	19.59	19.66	19.56		
10	64QAM	50	0	19.70	19.75	19.65		
10	256QAM	1	0	17.73	17.88	17.58	19	4.9
10	256QAM	1	25	17.48	17.63	17.53		
10	256QAM	1	49	17.58	17.64	17.53		
10	256QAM	25	0	17.72	17.70	17.74	19	4.9
10	256QAM	25	12	17.67	17.63	17.67		
10	256QAM	25	25	17.63	17.74	17.77		
10	256QAM	50	0	17.48	17.64	17.60		
Channel				131972	132322	132447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.60	22.60	22.60	23.9	0
5	QPSK	1	12	22.49	22.54	22.52		
5	QPSK	1	24	22.45	22.57	22.55		
5	QPSK	12	0	21.74	21.83	21.62	23	0.9
5	QPSK	12	7	21.54	21.69	21.62		
5	QPSK	12	13	21.58	21.62	21.57		
5	QPSK	25	0	21.70	21.74	21.75		
5	16QAM	1	0	21.55	21.60	21.67	23	0.9
5	16QAM	1	12	21.56	21.67	21.63		
5	16QAM	1	24	21.52	21.64	21.66		
5	16QAM	12	0	20.68	20.85	20.54	22	1.9
5	16QAM	12	7	20.54	20.59	20.55		
5	16QAM	12	13	20.59	20.62	20.59		
5	16QAM	25	0	20.66	20.75	20.73		
5	64QAM	1	0	20.54	20.52	20.60	22	1.9
5	64QAM	1	12	20.60	20.76	20.73		
5	64QAM	1	24	20.43	20.71	20.71		
5	64QAM	12	0	19.70	19.76	19.61	21	2.9
5	64QAM	12	7	19.57	19.68	19.67		
5	64QAM	12	13	19.55	19.64	19.65		
5	64QAM	25	0	19.61	19.71	19.70		
5	256QAM	1	0	17.77	17.81	17.67	19	4.9
5	256QAM	1	12	17.46	17.71	17.56		
5	256QAM	1	24	17.59	17.67	17.54		
5	256QAM	12	0	17.62	17.72	17.76	19	4.9
5	256QAM	12	7	17.57	17.55	17.69		
5	256QAM	12	13	17.65	17.76	17.71		
5	256QAM	25	0	17.48	17.59	17.69		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.60	22.60	22.57	23.9	0
3	QPSK	1	8	22.39	22.52	22.48		
3	QPSK	1	14	22.52	22.57	22.59		
3	QPSK	8	0	21.69	21.79	21.58	23	0.9
3	QPSK	8	4	21.49	21.62	21.60		
3	QPSK	8	7	21.56	21.63	21.67		
3	QPSK	15	0	21.65	21.81	21.70		
3	16QAM	1	0	21.65	21.59	21.64	23	0.9
3	16QAM	1	8	21.61	21.66	21.62		
3	16QAM	1	14	21.42	21.71	21.70		
3	16QAM	8	0	20.70	20.83	20.58	22	1.9
3	16QAM	8	4	20.53	20.67	20.57		
3	16QAM	8	7	20.56	20.59	20.62		
3	16QAM	15	0	20.74	20.71	20.72		
3	64QAM	1	0	20.50	20.55	20.64	22	1.9
3	64QAM	1	8	20.52	20.78	20.74		
3	64QAM	1	14	20.44	20.72	20.76		
3	64QAM	8	0	19.62	19.77	19.63	21	2.9
3	64QAM	8	4	19.60	19.72	19.68		
3	64QAM	8	7	19.56	19.68	19.61		
3	64QAM	15	0	19.59	19.80	19.69		
3	256QAM	1	0	17.79	17.87	17.66	19	4.9
3	256QAM	1	8	17.55	17.83	17.60		
3	256QAM	1	14	17.60	17.57	17.56		
3	256QAM	8	0	17.70	17.68	17.77	19	4.9
3	256QAM	8	4	17.66	17.81	17.65		
3	256QAM	8	7	17.62	17.79	17.73		
3	256QAM	15	0	17.42	17.65	17.61		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.59	22.64	22.59	23.9	0
1.4	QPSK	1	3	22.40	22.46	22.57		
1.4	QPSK	1	5	22.47	22.53	22.62		
1.4	QPSK	3	0	22.50	22.63	22.50		
1.4	QPSK	3	1	22.34	22.41	22.53		
1.4	QPSK	3	3	22.47	22.42	22.59		
1.4	QPSK	6	0	21.70	21.78	21.69	23	0.9
1.4	16QAM	1	0	21.58	21.60	21.63	23	0.9
1.4	16QAM	1	3	21.55	21.74	21.71		
1.4	16QAM	1	5	21.46	21.60	21.66		
1.4	16QAM	3	0	21.58	21.78	21.68		
1.4	16QAM	3	1	21.55	21.49	21.62		
1.4	16QAM	3	3	21.47	21.68	21.67		
1.4	16QAM	6	0	20.63	20.74	20.71	22	1.9
1.4	64QAM	1	0	20.58	20.55	20.61	22	1.9
1.4	64QAM	1	3	20.51	20.66	20.65		
1.4	64QAM	1	5	20.51	20.69	20.70		
1.4	64QAM	3	0	20.62	20.71	20.61		
1.4	64QAM	3	1	20.49	20.49	20.54		
1.4	64QAM	3	3	20.49	20.60	20.54		
1.4	64QAM	6	0	19.60	19.71	19.66	21	2.9
1.4	256QAM	1	0	17.78	17.86	17.59	19	4.9
1.4	256QAM	1	3	17.52	17.68	17.63		
1.4	256QAM	1	5	17.60	17.63	17.58		
1.4	256QAM	3	0	17.72	17.72	17.69		
1.4	256QAM	3	1	17.59	17.58	17.58		
1.4	256QAM	3	3	17.65	17.73	17.71		
1.4	256QAM	6	0	17.44	17.57	17.67	19	4.9

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.51	22.54	22.52	24	0
20	QPSK	1	49	22.42	22.46	22.46		
20	QPSK	1	99	22.51	22.45	22.44		
20	QPSK	50	0	21.49	21.60	21.50	23	1
20	QPSK	50	24	21.43	21.46	21.35		
20	QPSK	50	50	21.44	21.53	21.47		
20	QPSK	100	0	21.48	21.61	21.52		
20	16QAM	1	0	21.49	21.53	21.46	23	1
20	16QAM	1	49	21.53	21.54	21.42		
20	16QAM	1	99	21.33	21.55	21.39		
20	16QAM	50	0	20.58	20.54	20.56	22	2
20	16QAM	50	24	20.68	20.60	20.54		
20	16QAM	50	50	20.56	20.61	20.33		
20	16QAM	100	0	20.48	20.68	20.58		
20	64QAM	1	0	20.60	20.61	20.52	22	2
20	64QAM	1	49	20.47	20.61	20.37		
20	64QAM	1	99	20.53	20.46	20.39		
20	64QAM	50	0	19.51	19.78	19.58	21	3
20	64QAM	50	24	19.49	19.70	19.54		
20	64QAM	50	50	19.47	19.52	19.59		
20	64QAM	100	0	19.48	19.53	19.33		
20	256QAM	1	0	17.66	17.67	17.66	19	5
20	256QAM	1	49	17.50	17.71	17.47		
20	256QAM	1	99	17.49	17.58	17.65		
20	256QAM	50	0	17.56	17.65	17.57	19	5
20	256QAM	50	24	17.50	17.54	17.64		
20	256QAM	50	50	17.62	17.62	17.68		
20	256QAM	100	0	17.48	17.57	17.54		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.43	22.50	22.39	24	0
15	QPSK	1	37	22.32	22.41	22.39		
15	QPSK	1	74	22.40	22.35	22.32		
15	QPSK	36	0	21.37	21.51	21.36	23	1
15	QPSK	36	20	21.37	21.36	21.20		
15	QPSK	36	39	21.32	21.48	21.38		
15	QPSK	75	0	21.36	21.58	21.40		
15	16QAM	1	0	21.35	21.40	21.41	23	1
15	16QAM	1	37	21.38	21.48	21.36		
15	16QAM	1	74	21.23	21.51	21.35		
15	16QAM	36	0	20.52	20.48	20.42	22	2
15	16QAM	36	20	20.64	20.54	20.50		
15	16QAM	36	39	20.50	20.50	20.27		
15	16QAM	75	0	20.42	20.57	20.52		
15	64QAM	1	0	20.56	20.51	20.37	22	2
15	64QAM	1	37	20.32	20.50	20.26		
15	64QAM	1	74	20.47	20.32	20.29		
15	64QAM	36	0	19.37	19.68	19.50	21	3
15	64QAM	36	20	19.36	19.59	19.41		
15	64QAM	36	39	19.38	19.45	19.50		
15	64QAM	75	0	19.34	19.48	19.27		
15	256QAM	1	0	17.59	17.55	17.62	19	5
15	256QAM	1	37	17.38	17.62	17.35		
15	256QAM	1	74	17.41	17.48	17.51		
15	256QAM	36	0	17.52	17.55	17.50	19	5
15	256QAM	36	20	17.42	17.45	17.56		
15	256QAM	36	39	17.58	17.52	17.60		
15	256QAM	75	0	17.35	17.48	17.49		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.36	22.42	22.46	24	0
10	QPSK	1	25	22.34	22.31	22.36		
10	QPSK	1	49	22.45	22.36	22.35		
10	QPSK	25	0	21.34	21.55	21.36	23	1
10	QPSK	25	12	21.31	21.39	21.24		
10	QPSK	25	25	21.40	21.47	21.33		
10	QPSK	50	0	21.44	21.52	21.39		
10	16QAM	1	0	21.34	21.39	21.42	23	1
10	16QAM	1	25	21.39	21.51	21.28		
10	16QAM	1	49	21.22	21.43	21.31		
10	16QAM	25	0	20.46	20.49	20.49	22	2
10	16QAM	25	12	20.57	20.48	20.43		
10	16QAM	25	25	20.41	20.53	20.24		
10	16QAM	50	0	20.43	20.58	20.45		
10	64QAM	1	0	20.56	20.47	20.39	22	2
10	64QAM	1	25	20.36	20.48	20.29		
10	64QAM	1	49	20.44	20.40	20.30		
10	64QAM	25	0	19.47	19.73	19.44	21	3
10	64QAM	25	12	19.40	19.59	19.44		
10	64QAM	25	25	19.40	19.42	19.54		
10	64QAM	50	0	19.36	19.39	19.22		
10	256QAM	1	0	17.58	17.61	17.55	19	5
10	256QAM	1	25	17.38	17.59	17.41		
10	256QAM	1	49	17.43	17.55	17.56		
10	256QAM	25	0	17.45	17.56	17.49	19	5
10	256QAM	25	12	17.38	17.46	17.56		
10	256QAM	25	25	17.52	17.57	17.55		
10	256QAM	50	0	17.33	17.47	17.40		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.46	22.51	22.42	24	0
5	QPSK	1	12	22.31	22.34	22.32		
5	QPSK	1	24	22.39	22.31	22.33		
5	QPSK	12	0	21.43	21.49	21.44	23	1
5	QPSK	12	7	21.33	21.40	21.27		
5	QPSK	12	13	21.29	21.48	21.44		
5	QPSK	25	0	21.34	21.49	21.44		
5	16QAM	1	0	21.36	21.44	21.35	23	1
5	16QAM	1	12	21.43	21.42	21.32		
5	16QAM	1	24	21.19	21.43	21.27		
5	16QAM	12	0	20.51	20.45	20.43	22	2
5	16QAM	12	7	20.65	20.51	20.47		
5	16QAM	12	13	20.46	20.49	20.21		
5	16QAM	25	0	20.35	20.55	20.48		
5	64QAM	1	0	20.53	20.49	20.41	22	2
5	64QAM	1	12	20.42	20.48	20.28		
5	64QAM	1	24	20.42	20.34	20.31		
5	64QAM	12	0	19.41	19.69	19.49	21	3
5	64QAM	12	7	19.39	19.60	19.56		
5	64QAM	12	13	19.43	19.38	19.51		
5	64QAM	25	0	19.35	19.49	19.20		
5	256QAM	1	0	17.56	17.62	17.55	19	5
5	256QAM	1	12	17.43	17.56	17.33		
5	256QAM	1	24	17.36	17.52	17.61		
5	256QAM	12	0	17.45	17.53	17.46	19	5
5	256QAM	12	7	17.38	17.51	17.55		
5	256QAM	12	13	17.53	17.58	17.58		
5	256QAM	25	0	17.33	17.51	17.49		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			37850	38000	38150		
	Frequency (MHz)			2580	2595	2610		
20	QPSK	1	0	24.30	24.35	24.31		
20	QPSK	1	49	24.26	24.30	24.16	25	0
20	QPSK	1	99	24.20	24.26	24.19		
20	QPSK	50	0	23.27	23.42	23.37		
20	QPSK	50	24	23.27	23.31	23.19	24	1
20	QPSK	50	50	23.23	23.33	23.29		
20	QPSK	100	0	23.19	23.31	23.21		
20	16QAM	1	0	23.19	23.28	23.18		
20	16QAM	1	49	23.30	23.32	23.18	24	1
20	16QAM	1	99	23.11	23.26	23.14		
20	16QAM	50	0	22.34	22.37	22.39		
20	16QAM	50	24	22.42	22.34	22.41	23	2
20	16QAM	50	50	22.30	22.38	22.17		
20	16QAM	100	0	22.33	22.40	22.30		
20	64QAM	1	0	22.34	22.33	22.29		
20	64QAM	1	49	22.21	22.36	22.21	23	2
20	64QAM	1	99	22.26	22.33	22.23		
20	64QAM	50	0	21.32	21.53	21.38		
20	64QAM	50	24	21.37	21.42	21.32	22	3
20	64QAM	50	50	21.22	21.33	21.21		
20	64QAM	100	0	21.19	21.36	21.16		
20	256QAM	1	0	19.48	19.49	19.40		
20	256QAM	1	49	19.37	19.55	19.41	20	5
20	256QAM	1	99	19.30	19.47	19.40		
20	256QAM	50	0	19.33	19.35	19.26		
20	256QAM	50	24	19.30	19.40	19.32	20	5
20	256QAM	50	50	19.30	19.42	19.39		
20	256QAM	100	0	19.28	19.34	19.30		
	Channel			37825	38000	38175	Tune-up limit	MPR
	Frequency (MHz)			2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	24.17	24.23	24.27		
15	QPSK	1	37	24.15	24.21	24.02	25	0
15	QPSK	1	74	24.08	24.17	24.05		
15	QPSK	36	0	23.14	23.31	23.33		
15	QPSK	36	20	23.13	23.23	23.08	24	1
15	QPSK	36	39	23.09	23.25	23.17		
15	QPSK	75	0	23.11	23.17	23.13		
15	16QAM	1	0	23.06	23.14	23.11		
15	16QAM	1	37	23.16	23.19	23.05	24	1
15	16QAM	1	74	23.07	23.15	23.04		
15	16QAM	36	0	22.26	22.33	22.27		
15	16QAM	36	20	22.39	22.25	22.32	23	2
15	16QAM	36	39	22.21	22.24	22.08		
15	16QAM	75	0	22.29	22.34	22.23		
15	64QAM	1	0	22.22	22.29	22.26		
15	64QAM	1	37	22.17	22.31	22.16	23	2
15	64QAM	1	74	22.15	22.25	22.13		
15	64QAM	36	0	21.28	21.48	21.26		
15	64QAM	36	20	21.25	21.32	21.17	22	3
15	64QAM	36	39	21.18	21.22	21.13		
15	64QAM	75	0	21.12	21.21	21.12		
15	256QAM	1	0	19.38	19.38	19.26		
15	256QAM	1	37	19.31	19.48	19.29	20	5
15	256QAM	1	74	19.22	19.33	19.29		
15	256QAM	36	0	19.25	19.26	19.20		
15	256QAM	36	20	19.16	19.37	19.19	20	5
15	256QAM	36	39	19.17	19.35	19.30		
15	256QAM	75	0	19.18	19.21	19.18		
	Channel			37800	38000	38200	Tune-up limit	MPR
	Frequency (MHz)			2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	24.19	24.29	24.16		
10	QPSK	1	25	24.20	24.24	24.09	25	0
10	QPSK	1	49	24.08	24.17	24.12		
10	QPSK	25	0	23.19	23.27	23.31		
10	QPSK	25	12	23.18	23.17	23.08	24	1
10	QPSK	25	25	23.13	23.27	23.16		
10	QPSK	50	0	23.12	23.28	23.07		
10	16QAM	1	0	23.07	23.14	23.15		
10	16QAM	1	25	23.26	23.22	23.06	24	1
10	16QAM	1	49	22.98	23.11	23.08		
10	16QAM	25	0	22.30	22.27	22.26		
10	16QAM	25	12	22.36	22.22	22.32	23	2
10	16QAM	25	25	22.27	22.24	22.14		
10	16QAM	50	0	22.18	22.30	22.24		
10	64QAM	1	0	22.25	22.28	22.17		
10	64QAM	1	25	22.06	22.21	22.07	23	2
10	64QAM	1	49	22.22	22.21	22.19		
10	64QAM	25	0	21.25	21.47	21.27		
10	64QAM	25	12	21.23	21.30	21.19	22	3
10	64QAM	25	25	21.16	21.29	21.12		
10	64QAM	50	0	21.11	21.26	21.05		
10	256QAM	1	0	19.39	19.45	19.35		
10	256QAM	1	25	19.34	19.49	19.31	20	5
10	256QAM	1	49	19.24	19.43	19.35		
10	256QAM	25	0	19.23	19.27	19.23		
10	256QAM	25	12	19.18	19.25	19.26	20	5
10	256QAM	25	25	19.19	19.33	19.24		
10	256QAM	50	0	19.15	19.21	19.15		
	Channel			37775	38000	38225	Tune-up limit	MPR
	Frequency (MHz)			2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	24.25	24.25	24.24		
5	QPSK	1	12	24.12	24.22	24.02	25	0
5	QPSK	1	24	24.11	24.21	24.06		
5	QPSK	12	0	23.20	23.28	23.34		
5	QPSK	12	7	23.14	23.20	23.10	24	1
5	QPSK	12	13	23.14	23.21	23.15		
5	QPSK	25	0	23.15	23.23	23.15		
5	16QAM	1	0	23.09	23.24	23.14		
5	16QAM	1	12	23.20	23.23	23.10	24	1
5	16QAM	1	24	23.00	23.15	23.02		
5	16QAM	12	0	22.27	22.31	22.25		
5	16QAM	12	7	22.34	22.21	22.28	23	2
5	16QAM	12	13	22.24	22.35	22.11		
5	16QAM	25	0	22.27	22.36	22.19		
5	64QAM	1	0	22.31	22.23	22.15		
5	64QAM	1	12	22.12	22.25	22.11	23	2
5	64QAM	1	24	22.12	22.27	22.10		
5	64QAM	12	0	21.17	21.42	21.28		
5	64QAM	12	7	21.23	21.28	21.17	22	3
5	64QAM	12	13	21.14	21.24	21.12		
5	64QAM	25	0	21.05	21.28	21.11		
5	256QAM	1	0	19.36	19.45	19.31		
5	256QAM	1	12	19.32	19.50	19.27	20	5
5	256QAM	1	24	19.21	19.44	19.34		
5	256QAM	12	0	19.21	19.29	19.15		
5	256QAM	12	7	19.26	19.34	19.22	20	5
5	256QAM	12	13	19.22	19.31	19.30		
5	256QAM	25	0	19.15	19.22	19.23		

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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	24.52	24.50	24.56	24.36	24.45		
20	QPSK	1	49	24.48	24.36	24.53	24.27	24.28	25	0
20	QPSK	1	99	24.38	24.40	24.47	24.29	24.32		
20	QPSK	50	0	23.49	23.53	23.67	23.40	23.41		
20	QPSK	50	24	23.50	23.44	23.52	23.40	23.37	24	1
20	QPSK	50	50	23.43	23.53	23.50	23.39	23.46		
20	QPSK	100	0	23.44	23.43	23.52	23.39	23.38		
20	16QAM	1	0	23.39	23.36	23.54	23.27	23.22		
20	16QAM	1	49	23.51	23.45	23.50	23.37	23.36	24	1
20	16QAM	1	99	23.36	23.38	23.48	23.27	23.27		
20	16QAM	50	0	22.53	22.63	22.55	22.53	22.60		
20	16QAM	50	24	22.58	22.64	22.51	22.56	22.51	23	2
20	16QAM	50	50	22.47	22.42	22.62	22.38	22.27		
20	16QAM	100	0	22.54	22.48	22.65	22.39	22.40		
20	64QAM	1	0	22.59	22.52	22.53	22.38	22.46		
20	64QAM	1	49	22.40	22.41	22.52	22.29	22.34	23	2
20	64QAM	1	99	22.51	22.48	22.59	22.44	22.40		
20	64QAM	50	0	21.52	21.55	21.78	21.51	21.41		
20	64QAM	50	24	21.60	21.50	21.68	21.38	21.35	22	3
20	64QAM	50	50	21.48	21.38	21.56	21.30	21.34		
20	64QAM	100	0	21.36	21.40	21.51	21.29	21.34		
20	256QAM	1	0	19.69	19.62	19.72	19.53	19.59		
20	256QAM	1	49	19.61	19.57	19.76	19.54	19.51	20	5
20	256QAM	1	99	19.47	19.57	19.72	19.51	19.48		
20	256QAM	50	0	19.53	19.45	19.58	19.36	19.38		
20	256QAM	50	24	19.50	19.57	19.57	19.52	19.44	20	5
20	256QAM	50	50	19.54	19.63	19.68	19.54	19.59		
20	256QAM	100	0	19.45	19.47	19.51	19.35	19.37		
	Channel			39725	40173	40620	41068	41515	Tune-up limit	MPR
	Frequency (MHz)			2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	24.41	24.46	24.47	24.26	24.41		
15	QPSK	1	37	24.34	24.31	24.40	24.19	24.15	25	0
15	QPSK	1	74	24.30	24.26	24.42	24.26	24.21		
15	QPSK	36	0	23.45	23.39	23.55	23.34	23.32		
15	QPSK	36	20	23.38	23.36	23.40	23.31	23.23	24	1
15	QPSK	36	39	23.29	23.46	23.38	23.32	23.33		
15	QPSK	75	0	23.30	23.37	23.44	23.26	23.35		
15	16QAM	1	0	23.34	23.25	23.42	23.18	23.10		
15	16QAM	1	37	23.37	23.41	23.41	23.32	23.22	24	1
15	16QAM	1	74	23.30	23.32	23.41	23.14	23.20		
15	16QAM	36	0	22.40	22.53	22.50	22.47	22.46		
15	16QAM	36	20	22.51	22.57	22.45	22.44	22.41	23	2
15	16QAM	36	39	22.33	22.37	22.51	22.23	22.20		
15	16QAM	75	0	22.50	22.40	22.50	22.28	22.27		
15	64QAM	1	0	22.46	22.39	22.48	22.30	22.42		
15	64QAM	1	37	22.27	22.33	22.38	22.26	22.23	23	2
15	64QAM	1	74	22.43	22.43	22.55	22.37	22.30		
15	64QAM	36	0	21.46	21.43	21.68	21.40	21.27		
15	64QAM	36	20	21.50	21.45	21.63	21.29	21.25	22	3
15	64QAM	36	39	21.37	21.51	21.50	21.20	21.29		
15	64QAM	75	0	21.32	21.36	21.38	21.20	21.28		
15	256QAM	1	0	19.55	19.56	19.60	19.39	19.50		
15	256QAM	1	37	19.49	19.48	19.62	19.49	19.45	20	5
15	256QAM	1	74	19.32	19.47	19.62	19.46	19.33		
15	256QAM	36	0	19.44	19.33	19.49	19.25	19.29		
15	256QAM	36	20	19.41	19.44	19.44	19.38	19.39	20	5
15	256QAM	36	39	19.49	19.48	19.59	19.40	19.48		
15	256QAM	75	0	19.38	19.38	19.48	19.32	19.29		
	Channel			39700	40160	40620	41080	41540	Tune-up limit	MPR
	Frequency (MHz)			2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	24.46	24.42	24.44	24.31	24.33		
10	QPSK	1	25	24.35	24.25	24.41	24.13	24.16	25	0
10	QPSK	1	49	24.34	24.30	24.39	24.23	24.23		
10	QPSK	25	0	23.40	23.46	23.53	23.31	23.36		
10	QPSK	25	12	23.39	23.34	23.47	23.33	23.28	24	1
10	QPSK	25	25	23.29	23.39	23.44	23.26	23.39		
10	QPSK	50	0	23.31	23.36	23.49	23.34	23.34		
10	16QAM	1	0	23.24	23.23	23.47	23.17	23.09		
10	16QAM	1	25	23.36	23.41	23.43	23.26	23.30	24	1
10	16QAM	1	49	23.23	23.34	23.38	23.18	23.22		
10	16QAM	25	0	22.44	22.55	22.52	22.47	22.56		
10	16QAM	25	12	22.44	22.55	22.45	22.42	22.47	23	2
10	16QAM	25	25	22.34	22.35	22.56	22.24	22.21		
10	16QAM	50	0	22.40	22.40	22.56	22.27	22.33		
10	64QAM	1	0	22.48	22.49	22.38	22.31	22.42		
10	64QAM	1	25	22.26	22.27	22.48	22.17	22.28	23	2
10	64QAM	1	49	22.45	22.36	22.50	22.39	22.34		
10	64QAM	25	0	21.48	21.46	21.70	21.38	21.30		
10	64QAM	25	12	21.55	21.47	21.64	21.33	21.24	22	3
10	64QAM	25	25	21.44	21.33	21.52	21.25	21.27		
10	64QAM	50	0	21.32	21.28	21.48	21.15	21.22		
10	256QAM	1	0	19.63	19.50	19.61	19.39	19.49		
10	256QAM	1	25	19.49	19.43	19.71	19.41	19.43	20	5
10	256QAM	1	49	19.38	19.42	19.63	19.42	19.36		
10	256QAM	25	0	19.43	19.40	19.49	19.25	19.33		
10	256QAM	25	12	19.42	19.47	19.49	19.37	19.41	20	5
10	256QAM	25	25	19.41	19.51	19.56	19.45	19.45		
10	256QAM	50	0	19.36	19.37	19.48	19.23	19.26		
	Channel			39675	40148	40620	41093	41565	Tune-up limit	MPR
	Frequency (MHz)			2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	24.41	24.36	24.48	24.30	24.31		
5	QPSK	1	12	24.43	24.31	24.41	24.21	24.25	25	0
5	QPSK	1	24	24.28	24.34	24.40	24.14	24.24		
5	QPSK	12	0	23.35	23.47	23.56	23.27	23.27		
5	QPSK	12	7	23.41	23.37	23.46	23.30	23.32	24	1
5	QPSK	12	13	23.32	23.38	23.45	23.35	23.33		
5	QPSK	25	0	23.41	23.31	23.44	23.33	23.30		
5	16QAM	1	0	23.30	23.32	23.47	23.20	23.13		
5	16QAM	1	12	23.37	23.32	23.45	23.26	23.23	24	1
5	16QAM	1	24	23.26	23.30	23.33	23.14	23.16		
5	16QAM	12	0	22.49	22.56	22.47	22.39	22.51		
5	16QAM	12	7	22.47	22.60	22.38	22.47	22.47	23	2
5	16QAM	12	13	22.42	22.34	22.58	22.30	22.13		
5	16QAM	25	0	22.42	22.44	22.54	22.31	22.34		
5	64QAM	1	0	22.54	22.46	22.49	22.27	22.38		
5	64QAM	1	12	22.36	22.31	22.47	22.25	22.29	23	2
5	64QAM	1	24	22.42	22.44	22.45	22.31	22.26		
5	64QAM	12	0	21.40	21.43	21.70	21.42	21.36		
5	64QAM	12	7	21.49	21.37	21.67	21.27	21.31	22	3
5	64QAM	12	13	21.43	21.27	21.44	21.24	21.28		
5	64QAM	25	0	21.26	21.35	21.46	21.18	21.24		
5	256QAM	1	0	19.55	19.57	19.66	19.42	19.45		
5	256QAM	1	12	19.47	19.52	19.61	19.48	19.36	20	5
5	256QAM	1	24	19.33	19.50	19.65	19.38	19.44		
5	256QAM	12	0	19.49	19.33	19.52	19.31	19.30		
5	256QAM	12	7	19.43	19.44	19.48	19.40	19.29	20	5
5	256QAM	12	13	19.48	19.53	19.65	19.41	19.54		
5	256QAM	25	0	19.38	19.42	19.42	19.22	19.28		

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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	26.88	26.87	27.00	26.81	26.88		
20	QPSK	1	49	26.83	26.76	26.94	26.71	26.64	28	0
20	QPSK	1	99	26.80	26.76	26.90	26.73	26.78		
20	QPSK	50	0	25.91	25.90	26.04	25.81	25.83		
20	QPSK	50	24	25.91	25.81	25.95	25.78	25.74	27	1
20	QPSK	50	50	25.78	25.94	25.91	25.86	25.87		
20	QPSK	100	0	25.81	25.85	25.88	25.80	25.75		
20	16QAM	1	0	25.83	25.72	25.95	25.71	25.65		
20	16QAM	1	49	25.91	25.80	25.85	25.73	25.80	27	1
20	16QAM	1	99	25.76	25.77	25.90	25.71	25.71		
20	16QAM	50	0	24.94	25.07	24.95	24.97	24.97		
20	16QAM	50	24	24.98	25.08	24.91	24.94	24.97	26	2
20	16QAM	50	50	24.93	24.84	24.98	24.80	24.63		
20	16QAM	100	0	24.90	24.92	25.01	24.80	24.87		
20	64QAM	1	0	24.99	24.94	24.96	24.79	24.84		
20	64QAM	1	49	24.77	24.80	24.99	24.64	24.73	26	2
20	64QAM	1	99	24.87	24.84	24.95	24.88	24.87		
20	64QAM	50	0	23.95	24.01	24.12	23.87	23.81		
20	64QAM	50	24	24.00	23.92	24.05	23.76	23.80	25	3
20	64QAM	50	50	23.91	23.84	23.92	23.82	23.78		
20	64QAM	100	0	23.75	23.80	23.89	23.75	23.73		
20	256QAM	1	0	22.06	22.01	22.19	21.95	22.02		
20	256QAM	1	49	22.06	21.96	22.21	21.90	21.95	23	5
20	256QAM	1	99	21.91	22.03	22.10	21.90	21.95		
20	256QAM	50	0	21.90	21.82	22.02	21.79	21.75		
20	256QAM	50	24	21.95	22.00	22.01	21.88	21.88	23	5
20	256QAM	50	50	21.98	22.01	22.12	21.98	22.04		
20	256QAM	100	0	21.92	21.88	21.95	21.81	21.79		
	Channel			39725	40173	40620	41068	41515	Tune-up limit	MPR
	Frequency (MHz)			2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	26.74	26.74	26.94	26.69	26.82		
15	QPSK	1	37	26.77	26.62	26.86	26.58	26.52	28	0
15	QPSK	1	74	26.70	26.70	26.77	26.66	26.66		
15	QPSK	36	0	25.76	25.86	26.00	25.75	25.70		
15	QPSK	36	20	25.87	25.70	25.81	25.69	25.67	27	1
15	QPSK	36	39	25.70	25.81	25.82	25.75	25.82		
15	QPSK	75	0	25.67	25.78	25.77	25.66	25.64		
15	16QAM	1	0	25.71	25.68	25.91	25.61	25.57		
15	16QAM	1	37	25.78	25.66	25.75	25.66	25.77	27	1
15	16QAM	1	74	25.69	25.67	25.85	25.67	25.65		
15	16QAM	36	0	24.90	25.00	24.91	24.91	24.87		
15	16QAM	36	20	24.85	24.99	24.80	24.91	24.92	26	2
15	16QAM	36	39	24.86	24.69	24.89	24.71	24.52		
15	16QAM	75	0	24.85	24.79	24.94	24.76	24.81		
15	64QAM	1	0	24.84	24.86	24.92	24.73	24.80		
15	64QAM	1	37	24.71	24.69	24.87	24.58	24.65	26	2
15	64QAM	1	74	24.80	24.77	24.92	24.78	24.77		
15	64QAM	36	0	23.88	23.87	24.02	23.73	23.73		
15	64QAM	36	20	23.87	23.88	24.00	23.72	23.68	25	3
15	64QAM	36	39	23.76	23.79	23.79	23.70	23.65		
15	64QAM	75	0	23.72	23.68	23.75	23.63	23.60		
15	256QAM	1	0	22.02	21.93	22.07	21.81	21.88		
15	256QAM	1	37	22.00	21.89	22.15	21.76	21.86	23	5
15	256QAM	1	74	21.78	21.91	22.06	21.85	21.80		
15	256QAM	36	0	21.79	21.70	21.88	21.65	21.66		
15	256QAM	36	20	21.83	21.86	21.90	21.81	21.77	23	5
15	256QAM	36	39	21.94	21.96	22.09	21.90	21.90		
15	256QAM	75	0	21.82	21.85	21.83	21.71	21.65		
	Channel			39700	40160	40620	41080	41540	Tune-up limit	MPR
	Frequency (MHz)			2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	26.77	26.77	26.96	26.69	26.82		
10	QPSK	1	25	26.75	26.66	26.82	26.56	26.52	28	0
10	QPSK	1	49	26.67	26.69	26.80	26.68	26.69		
10	QPSK	25	0	25.85	25.77	25.98	25.77	25.75		
10	QPSK	25	12	25.81	25.72	25.85	25.71	25.82	27	1
10	QPSK	25	25	25.65	25.86	25.87	25.71	25.82		
10	QPSK	50	0	25.75	25.77	25.84	25.72	25.62		
10	16QAM	1	0	25.71	25.57	25.84	25.62	25.60		
10	16QAM	1	25	25.86	25.74	25.78	25.61	25.69	27	1
10	16QAM	1	49	25.71	25.64	25.86	25.58	25.64		
10	16QAM	25	0	24.79	25.00	24.86	24.90	24.84		
10	16QAM	25	12	24.93	25.01	24.82	24.94	24.93	26	2
10	16QAM	25	25	24.85	24.75	24.87	24.68	24.60		
10	16QAM	50	0	24.84	24.88	24.94	24.65	24.78		
10	64QAM	1	0	24.94	24.81	24.84	24.73	24.81		
10	64QAM	1	25	24.64	24.71	24.95	24.52	24.62	26	2
10	64QAM	1	49	24.79	24.72	24.87	24.79	24.74		
10	64QAM	25	0	23.81

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.49	21.50	21.47		
20	QPSK	1	49	21.48	21.46	21.43	23	0
20	QPSK	1	99	21.44	21.40	21.40		
20	QPSK	50	0	21.39	21.49	21.45		
20	QPSK	50	24	21.39	21.36	21.36	23	0
20	QPSK	50	50	21.40	21.44	21.45		
20	QPSK	100	0	21.40	21.48	21.41		
20	16QAM	1	0	21.39	21.38	21.44		
20	16QAM	1	49	21.30	21.36	21.27	23	0
20	16QAM	1	99	21.23	21.33	21.23		
20	16QAM	50	0	20.44	20.43	20.48		
20	16QAM	50	24	20.34	20.45	20.39	22	1
20	16QAM	50	50	20.46	20.42	20.50		
20	16QAM	100	0	20.43	20.47	20.45		
20	64QAM	1	0	20.52	20.37	20.33		
20	64QAM	1	49	20.28	20.42	20.23	22	1
20	64QAM	1	99	20.26	20.40	20.24		
20	64QAM	50	0	19.38	19.42	19.48		
20	64QAM	50	24	19.41	19.52	19.37	21	2
20	64QAM	50	50	19.45	19.52	19.46		
20	64QAM	100	0	19.37	19.53	19.39		
20	256QAM	1	0	17.35	17.42	17.41		
20	256QAM	1	49	17.45	17.46	17.43	19	4
20	256QAM	1	99	17.38	17.56	17.48		
20	256QAM	50	0	17.39	17.54	17.38		
20	256QAM	50	24	17.42	17.41	17.35	19	4
20	256QAM	50	50	17.35	17.37	17.32		
20	256QAM	100	0	17.31	17.31	17.31		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.38	21.47	21.38		
15	QPSK	1	37	21.39	21.35	21.38	23	0
15	QPSK	1	74	21.39	21.33	21.36		
15	QPSK	36	0	21.28	21.36	21.40		
15	QPSK	36	20	21.25	21.27	21.32	23	0
15	QPSK	36	39	21.34	21.35	21.40		
15	QPSK	75	0	21.29	21.41	21.32		
15	16QAM	1	0	21.32	21.35	21.39		
15	16QAM	1	37	21.26	21.23	21.16	23	0
15	16QAM	1	74	21.20	21.25	21.09		
15	16QAM	36	0	20.35	20.37	20.35		
15	16QAM	36	20	20.27	20.31	20.37	22	1
15	16QAM	36	39	20.40	20.36	20.40		
15	16QAM	75	0	20.37	20.36	20.42		
15	64QAM	1	0	20.45	20.27	20.30		
15	64QAM	1	37	20.15	20.33	20.19	22	1
15	64QAM	1	74	20.17	20.35	20.19		
15	64QAM	36	0	19.25	19.36	19.42		
15	64QAM	36	20	19.38	19.40	19.30	21	2
15	64QAM	36	39	19.36	19.43	19.39		
15	64QAM	75	0	19.25	19.48	19.27		
15	256QAM	1	0	17.22	17.35	17.33		
15	256QAM	1	37	17.41	17.47	17.40	19	4
15	256QAM	1	74	17.26	17.51	17.39		
15	256QAM	36	0	17.34	17.52	17.36		
15	256QAM	36	20	17.38	17.37	17.25	19	4
15	256QAM	36	39	17.23	17.37	17.27		
15	256QAM	75	0	17.25	17.27	17.23		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.36	21.38	21.42		
10	QPSK	1	25	21.45	21.43	21.36	23	0
10	QPSK	1	49	21.35	21.36	21.34		
10	QPSK	25	0	21.32	21.43	21.34		
10	QPSK	25	12	21.26	21.23	21.32	23	0
10	QPSK	25	25	21.29	21.40	21.30		
10	QPSK	50	0	21.36	21.42	21.38		
10	16QAM	1	0	21.33	21.33	21.36		
10	16QAM	1	25	21.21	21.24	21.19	23	0
10	16QAM	1	49	21.14	21.21	21.20		
10	16QAM	25	0	20.34	20.30	20.40		
10	16QAM	25	12	20.25	20.41	20.29	22	1
10	16QAM	25	25	20.41	20.38	20.47		
10	16QAM	50	0	20.36	20.30	20.38		
10	64QAM	1	0	20.40	20.29	20.25		
10	64QAM	1	25	20.15	20.29	20.20	22	1
10	64QAM	1	49	20.18	20.28	20.21		
10	64QAM	25	0	19.26	19.38	19.43		
10	64QAM	25	12	19.30	19.42	19.33	21	2
10	64QAM	25	25	19.38	19.49	19.34		
10	64QAM	50	0	19.33	19.39	19.34		
10	256QAM	1	0	17.24	17.36	17.33		
10	256QAM	1	25	17.31	17.41	17.31	19	4
10	256QAM	1	49	17.31	17.46	17.37		
10	256QAM	25	0	17.31	17.51	17.27		
10	256QAM	25	12	17.38	17.28	17.24	19	4
10	256QAM	25	25	17.33	17.30	17.19		
10	256QAM	50	0	17.27	17.19	17.29		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.43	21.45	21.38		
5	QPSK	1	12	21.36	21.44	21.32	23	0
5	QPSK	1	24	21.40	21.29	21.27		
5	QPSK	12	0	21.25	21.46	21.41		
5	QPSK	12	7	21.30	21.25	21.29	23	0
5	QPSK	12	13	21.32	21.33	21.32		
5	QPSK	25	0	21.31	21.38	21.34		
5	16QAM	1	0	21.30	21.30	21.41		
5	16QAM	1	12	21.26	21.26	21.18	23	0
5	16QAM	1	24	21.10	21.28	21.12		
5	16QAM	12	0	20.39	20.31	20.36		
5	16QAM	12	7	20.20	20.33	20.30	22	1
5	16QAM	12	13	20.38	20.39	20.48		
5	16QAM	25	0	20.38	20.39	20.42		
5	64QAM	1	0	20.46	20.33	20.31		
5	64QAM	1	12	20.21	20.36	20.20	22	1
5	64QAM	1	24	20.24	20.35	20.15		
5	64QAM	12	0	19.26	19.40	19.43		
5	64QAM	12	7	19.31	19.41	19.31	21	2
5	64QAM	12	13	19.35	19.39	19.33		
5	64QAM	25	0	19.36	19.43	19.28		
5	256QAM	1	0	17.24	17.39	17.37		
5	256QAM	1	12	17.41	17.40	17.33	19	4
5	256QAM	1	24	17.29	17.43	17.44		
5	256QAM	12	0	17.26	17.48	17.26		
5	256QAM	12	7	17.34	17.39	17.23	19	4
5	256QAM	12	13	17.22	17.26	17.22		
5	256QAM	25	0	17.22	17.19	17.23		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.44	21.37	21.42		
3	QPSK	1	8	21.35	21.32	21.34	23	0
3	QPSK	1	14	21.40	21.28	21.31		
3	QPSK	8	0	21.30	21.46	21.40		
3	QPSK	8	4	21.30	21.22	21.30	23	0
3	QPSK	8	7	21.36	21.33	21.41		
3	QPSK	15	0	21.30	21.36	21.37		
3	16QAM	1	0	21.34	21.29	21.35		
3	16QAM	1	8	21.20	21.33	21.14	23	0
3	16QAM	1	14	21.19	21.30	21.21		
3	16QAM	8	0	20.34	20.33	20.39		
3	16QAM	8	4	20.25	20.35	20.37	22	1
3	16QAM	8	7	20.40	20.28	20.44		
3	16QAM	15	0	20.35	20.41	20.40		
3	64QAM	1	0	20.39	20.29	20.28		
3	64QAM	1	8	20.23	20.33	20.18	22	1
3	64QAM	1	14	20.19	20.30	20.17		
3	64QAM	8	0	19.32	19.37	19.46		
3	64QAM	8	4	19.38	19.43	19.30	21	2
3	64QAM	8	7	19.37	19.42	19.36		
3	64QAM	15	0	19.31	19.50	19.33		
3	256QAM	1	0	17.29	17.33	17.29		
3	256QAM	1	8	17.34	17.38	17.34	19	4
3	256QAM	1	14	17.26	17.53	17.39		
3	256QAM	8	0	17.31	17.49	17.33		
3	256QAM	8	4	17.32	17.28	17.21	19	4
3	256QAM	8	7	17.23	17.30	17.22		
3	256QAM	15	0	17.23	17.25	17.27		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.36	21.38	21.43		
1.4	QPSK	1	3	21.26	21.34	21.36		
1.4	QPSK	1	5	21.35	21.30	21.25	23	0
1.4	QPSK	3	0	21.23	21.36	21.35		
1.4	QPSK	3	1	21.23	21.26	21.28		
1.4	QPSK	3	3	21.36	21.41	21.45		
1.4	QPSK	6	0	21.38	21.38	21.37	23	0
1.4	16QAM	1	0	21.32	21.34	21.34		
1.4	16QAM	1	3	21.33	21.25	21.21		
1.4	16QAM	1	5	21.27	21.18	21.26	23	0
1.4	16QAM	3	0	21.26	21.16	21.23		
1.4	16QAM	3	1	21.29	21.27	21.19		
1.4	16QAM	3	3	21.12	21.14	21.17		
1.4	16QAM	6	0	20.24	20.37	20.38	22	1
1.4	64QAM	1	0	20.37	20.24	20.35		
1.4	64QAM	1	3	20.30	20.30	20.10		
1.4	64QAM	1	5	20.19	20.29	20.21	22	1
1.4	64QAM	3	0	20.28	20.33	20.23		
1.4	64QAM	3	1	20.25	20.15	20.15		
1.4	64QAM	3	3	20.22	20.31	20.06		
1.4	64QAM	6	0	19.31	19.37	19.36	21	2
1.4	256QAM	1	0	17.24	17.32	17.30		
1.4	256QAM	1	3	17.28	17.35	17.29		
1.4	256QAM	1	5	17.31	17.36	17.37	19	4
1.4	256QAM	3	0	17.26	17.34	17.33		
1.4	256QAM	3	1	17.31	17.32	17.36		
1.4	256QAM	3	3	17.21	17.31	17.17		
1.4	256QAM	6	0	17.21	17.30	17.16	19	4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.93	21.99	21.95		
20	QPSK	1	49	21.80	21.81	21.79	23	0
20	QPSK	1	99	21.81	21.91	21.81		
20	QPSK	50	0	21.85	21.94	21.87		
20	QPSK	50	24	21.81	21.86	21.79	23	0
20	QPSK	50	50	21.87	21.86	21.83		
20	QPSK	100	0	21.83	21.95	21.84		
20	16QAM	1	0	21.80	21.76	21.85		
20	16QAM	1	49	21.67	21.70	21.75	23	0
20	16QAM	1	99	21.67	21.65	21.80		
20	16QAM	50	0	20.88	20.89	20.98		
20	16QAM	50	24	20.79	20.84	20.72	22	1
20	16QAM	50	50	20.76	20.88	20.81		
20	16QAM	100	0	20.71	20.82	20.84		
20	64QAM	1	0	20.83	20.59	20.73		
20	64QAM	1	49	20.75	20.74	20.78	22	1
20	64QAM	1	99	20.77	20.68	20.84		
20	64QAM	50	0	19.82	19.89	19.80		
20	64QAM	50	24	19.76	19.85	19.83	21	2
20	64QAM	50	50	19.84	19.84	19.85		
20	64QAM	100	0	19.82	19.86	19.86		
20	256QAM	1	0	17.79	17.85	17.81		
20	256QAM	1	49	17.85	17.82	17.92	19	4
20	256QAM	1	99	17.76	17.82	17.83		
20	256QAM	50	0	17.79	17.89	17.90		
20	256QAM	50	24	17.75	17.77	17.84	19	4
20	256QAM	50	50	17.78	17.71	17.83		
20	256QAM	100	0	17.71	17.65	17.85		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.81	21.94	21.85		
15	QPSK	1	37	21.69	21.92	21.88	23	0
15	QPSK	1	74	21.69	21.86	21.82		
15	QPSK	36	0	21.84	21.90	21.86		
15	QPSK	36	20	21.72	21.81	21.71	23	0
15	QPSK	36	39	21.82	21.77	21.74		
15	QPSK	75	0	21.77	21.76	21.83		
15	16QAM	1	0	21.78	21.67	21.77		
15	16QAM	1	37	21.58	21.65	21.75	23	0
15	16QAM	1	74	21.56	21.59	21.76		
15	16QAM	36	0	20.85	20.83	20.91		
15	16QAM	36	20	20.72	20.80	20.70	22	1
15	16QAM	36	39	20.87	20.80	20.76		
15	16QAM	75	0	20.61	20.72	20.76		
15	64QAM	1	0	20.74	20.86	20.62		
15	64QAM	1	37	20.68	20.73	20.68	22	1
15	64QAM	1	74	20.71	20.59	20.84		
15	64QAM	36	0	19.80	19.84	19.70		
15	64QAM	36	20	19.59	19.79	19.77	21	2
15	64QAM	36	39	19.73	19.80	19.81		
15	64QAM	75	0	19.79	19.76	19.79		
15	256QAM	1	0	17.75	17.75	17.79		
15	256QAM	1	37	17.77	17.72	17.89	19	4
15	256QAM	1	74	17.76	17.80	17.71		
15	256QAM	36	0	17.72	17.86	17.83		
15	256QAM	36	20	17.67	17.75	17.81	19	4
15	256QAM	36	39	17.75	17.79	17.80		
15	256QAM	75	0	17.69	17.58	17.80		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.90	21.94	21.89		
10	QPSK	1	25	21.79	21.71	21.75	23	0
10	QPSK	1	49	21.78	21.81	21.87		
10	QPSK	25	0	21.77	21.89	21.86		
10	QPSK	25	12	21.70	21.75	21.72	23	0
10	QPSK	25	25	21.81	21.77	21.80		
10	QPSK	50	0	21.79	21.85	21.75		
10	16QAM	1	0	21.75	21.67	21.81		
10	16QAM	1	25	21.62	21.66	21.68	23	0
10	16QAM	1	49	21.63	21.55	21.78		
10	16QAM	25	0	20.85	20.86	20.94		
10	16QAM	25	12	20.73	20.79	20.70	22	1
10	16QAM	25	25	20.73	20.83	20.74		
10	16QAM	50	0	20.66	20.82	20.77		
10	64QAM	1	0	20.78	20.84	20.65		
10	64QAM	1	25	20.63	20.71	20.66	22	1
10	64QAM	1	49	20.70	20.60	20.73		
10	64QAM	25	0	19.73	19.77	19.78		
10	64QAM	25	12	19.64	19.77	19.79	21	2
10	64QAM	25	25	19.84	19.77	19.75		
10	64QAM	50	0	19.78	19.75	19.85		
10	256QAM	1	0	17.67	17.74	17.79		
10	256QAM	1	25	17.81	17.71	17.83	19	4
10	256QAM	1	49	17.72	17.78	17.76		
10	256QAM	25	0	17.68	17.84	17.88		
10	256QAM	25	12	17.78	17.77	17.75	19	4
10	256QAM	25	25	17.77	17.62	17.79		
10	256QAM	50	0	17.65	17.62	17.80		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.82	21.90	21.92		
5	QPSK	1	12	21.80	21.70	21.75	23	0
5	QPSK	1	24	21.69	21.87	21.80		
5	QPSK	12	0	21.78	21.88	21.78		
5	QPSK	12	7	21.75	21.84	21.75	23	0
5	QPSK	12	13	21.83	21.77	21.80		
5	QPSK	25	0	21.78	21.76	21.81		
5	16QAM	1	0	21.79	21.75	21.80		
5	16QAM	1	12	21.66	21.66	21.65	23	0
5	16QAM	1	24	21.58	21.58	21.75		
5	16QAM	12	0	20.85	20.87	20.96		
5	16QAM	12	7	20.68	20.72	20.60	22	1
5	16QAM	12	13	20.68	20.83	20.72		
5	16QAM	25	0	20.60	20.73	20.76		
5	64QAM	1	0	20.76	20.78	20.71		
5	64QAM	1	12	20.67	20.65	20.74	22	1
5	64QAM	1	24	20.75	20.64	20.78		
5	64QAM	12	0	19.78	19.86	19.78		
5	64QAM	12	7	19.69	19.75	19.78	21	2
5	64QAM	12	13	19.76	19.83	19.80		
5	64QAM	25	0	19.71	19.77	19.77		
5	256QAM	1	0	17.70	17.83	17.70		
5	256QAM	1	12	17.74	17.74	17.88	19	4
5	256QAM	1	24	17.72	17.80	17.73		
5	256QAM	12	0	17.76	17.88	17.86		
5	256QAM	12	7	17.65	17.72	17.81	19	4
5	256QAM	12	13	17.68	17.63	17.81		
5	256QAM	25	0	17.59	17.59	17.76		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.87	21.98	21.90		
3	QPSK	1	8	21.68	21.72	21.77	23	0
3	QPSK	1	14	21.72	21.89	21.86		
3	QPSK	8	0	21.81	21.90	21.86		
3	QPSK	8	4	21.70	21.74	21.77	23	0
3	QPSK	8	7	21.79	21.85	21.82		
3	QPSK	15	0	21.73	21.79	21.72		
3	16QAM	1	0	21.80	21.74	21.75		
3	16QAM	1	8	21.59	21.64	21.65	23	0
3	16QAM	1	14	21.57	21.54	21.69		
3	16QAM	8	0	20.81	20.78	20.88		
3	16QAM	8	4	20.79	20.77	20.70	22	1
3	16QAM	8	7	20.75	20.85	20.70		
3	16QAM	15	0	20.64	20.73	20.74		
3	64QAM	1	0	20.82	20.85	20.62		
3	64QAM	1	8	20.71	20.64	20.78	22	1
3	64QAM	1	14	20.67	20.67	20.82		
3	64QAM	8	0	19.75	19.88	19.79		
3	64QAM	8	4	19.66	19.84	19.79	21	2
3	64QAM	8	7	19.78	19.79	19.74		
3	64QAM	15	0	19.78	19.78	19.76		
3	256QAM	1	0	17.68	17.81	17.73		
3	256QAM	1	8	17.76	17.70	17.85	19	4
3	256QAM	1	14	17.76	17.71	17.71		
3	256QAM	8	0	17.71	17.86	17.86		
3	256QAM	8	4	17.69	17.65	17.83	19	4
3	256QAM	8	7	17.76	17.68	17.80		
3	256QAM	15	0	17.71	17.62	17.78		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.92	21.94	21.94		
1.4	QPSK	1	3	21.73	21.70	21.75		
1.4	QPSK	1	5	21.77	21.82	21.83	23	0
1.4	QPSK	3	0	21.80	21.85	21.80		
1.4	QPSK	3	1	21.81	21.77	21.68		
1.4	QPSK	3	3	21.84	21.84	21.80		
1.4	QPSK	6	0	21.75	21.74	21.78	23	0
1.4	16QAM	1	0	21.73	21.65	21.77		
1.4	16QAM	1	3	21.58	21.69	21.74		
1.4	16QAM	1	5	21.67	21.54	21.68	23	0
1.4	16QAM	3	0	21.70	21.63	21.75		
1.4	16QAM	3	1	21.54	21.66	21.71		
1.4	16QAM	3	3	21.55	21.54	21.60		
1.4	16QAM	6	0	20.68	20.71	20.83	22	1
1.4	64QAM	1	0	20.75	20.80	20.72		
1.4	64QAM	1	3	20.73	20.73	20.77		
1.4	64QAM	1	5	20.76	20.59	20.78	22	1
1.4	64QAM	3	0	20.65	20.67	20.81		
1.4	64QAM	3	1	20.74	20.72	20.63		
1.4	64QAM	3	3	20.69	20.63	20.67		
1.4	64QAM	6	0	19.81	19.75	19.80	21	2
1.4	256QAM	1	0	17.78	17.82	17.80		
1.4	256QAM	1	3	17.82	17.75	17.91		
1.4	256QAM	1	5	17.67	17.72	17.81	19	4
1.4	256QAM	3	0	17.74	17.77	17.80		
1.4	256QAM	3	1	17.65	17.72	17.80		
1.4	256QAM	3	3	17.69	17.65	17.78		
1.4	256QAM	6	0	17.59	17.64	17.73	19	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.72	21.82	21.79		
10	QPSK	1	25	21.64	21.75	21.65	23	0
10	QPSK	1	49	21.70	21.70	21.76		
10	QPSK	25	0	20.73	20.84	20.79		
10	QPSK	25	12	20.67	20.75	20.64	22	1
10	QPSK	25	25	20.74	20.64	20.76		
10	QPSK	50	0	20.70	20.78	20.75		
10	16QAM	1	0	20.69	20.78	20.79		
10	16QAM	1	25	20.66	20.79	20.65	22	1
10	16QAM	1	49	20.75	20.64	20.77		
10	16QAM	25	0	19.76	19.86	19.77		
10	16QAM	25	12	19.65	19.70	19.61	21	2
10	16QAM	25	25	19.75	19.63	19.74		
10	16QAM	50	0	19.68	19.74	19.78		

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.72	21.76	21.71	23	0
10	QPSK	1	25	21.66	21.70	21.66		
10	QPSK	1	49	21.61	21.69	21.67		
10	QPSK	25	0	20.68	20.78	20.77	22	1
10	QPSK	25	12	20.67	20.74	20.63		
10	QPSK	25	25	20.59	20.74	20.70		
10	QPSK	50	0	20.68	20.73	20.65		
10	16QAM	1	0	20.70	20.72	20.66	22	1
10	16QAM	1	25	20.63	20.70	20.70		
10	16QAM	1	49	20.62	20.69	20.62		
10	16QAM	25	0	19.66	19.74	19.74	21	2
10	16QAM	25	12	19.63	19.74	19.58		
10	16QAM	25	25	19.64	19.76	19.75		
10	16QAM	50	0	19.65	19.78	19.59		
10	64QAM	1	0	19.67	19.76	19.77	21	2
10	64QAM	1	25	19.61	19.69	19.69		
10	64QAM	1	49	19.58	19.74	19.64		
10	64QAM	25	0	18.66	18.76	18.82	20	3
10	64QAM	25	12	18.65	18.75	18.68		
10	64QAM	25	25	18.60	18.78	18.70		
10	64QAM	50	0	18.67	18.68	18.70		
10	256QAM	1	0	16.62	16.84	16.80	18	5
10	256QAM	1	25	16.70	16.75	16.63		
10	256QAM	1	49	16.55	16.80	16.73		
10	256QAM	25	0	16.67	16.73	16.70	18	5
10	256QAM	25	12	16.65	16.74	16.68		
10	256QAM	25	25	16.66	16.71	16.72		
10	256QAM	50	0	16.63	16.72	16.60		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.60	21.64	21.59	23	0
5	QPSK	1	12	21.62	21.66	21.52		
5	QPSK	1	24	21.51	21.64	21.58		
5	QPSK	12	0	20.59	20.65	20.69	22	1
5	QPSK	12	7	20.65	20.64	20.51		
5	QPSK	12	13	20.51	20.62	20.65		
5	QPSK	25	0	20.63	20.64	20.57		
5	16QAM	1	0	20.61	20.64	20.58	22	1
5	16QAM	1	12	20.56	20.58	20.63		
5	16QAM	1	24	20.59	20.63	20.57		
5	16QAM	12	0	19.57	19.65	19.71	21	2
5	16QAM	12	7	19.52	19.70	19.52		
5	16QAM	12	13	19.53	19.70	19.62		
5	16QAM	25	0	19.54	19.76	19.54		
5	64QAM	1	0	19.62	19.71	19.71	21	2
5	64QAM	1	12	19.55	19.61	19.55		
5	64QAM	1	24	19.55	19.62	19.57		
5	64QAM	12	0	18.57	18.70	18.77	20	3
5	64QAM	12	7	18.61	18.71	18.62		
5	64QAM	12	13	18.50	18.65	18.66		
5	64QAM	25	0	18.58	18.63	18.64		
5	256QAM	1	0	16.52	16.78	16.72	18	5
5	256QAM	1	12	16.64	16.64	16.50		
5	256QAM	1	24	16.42	16.76	16.68		
5	256QAM	12	0	16.64	16.63	16.65	18	5
5	256QAM	12	7	16.54	16.72	16.63		
5	256QAM	12	13	16.59	16.61	16.59		
5	256QAM	25	0	16.59	16.70	16.53		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.59	21.65	21.66	23	0
3	QPSK	1	8	21.60	21.64	21.62		
3	QPSK	1	14	21.57	21.56	21.54		
3	QPSK	8	0	20.65	20.67	20.71	22	1
3	QPSK	8	4	20.60	20.66	20.59		
3	QPSK	8	7	20.52	20.63	20.61		
3	QPSK	15	0	20.60	20.63	20.53		
3	16QAM	1	0	20.66	20.64	20.59	22	1
3	16QAM	1	8	20.58	20.60	20.60		
3	16QAM	1	14	20.59	20.63	20.56		
3	16QAM	8	0	19.63	19.64	19.72	21	2
3	16QAM	8	4	19.52	19.66	19.55		
3	16QAM	8	7	19.53	19.64	19.62		
3	16QAM	15	0	19.52	19.64	19.51		
3	64QAM	1	0	19.59	19.69	19.73	21	2
3	64QAM	1	8	19.50	19.67	19.65		
3	64QAM	1	14	19.55	19.69	19.55		
3	64QAM	8	0	18.60	18.73	18.74	20	3
3	64QAM	8	4	18.59	18.71	18.56		
3	64QAM	8	7	18.55	18.75	18.64		
3	64QAM	15	0	18.58	18.64	18.59		
3	256QAM	1	0	16.54	16.81	16.75	18	5
3	256QAM	1	8	16.65	16.62	16.54		
3	256QAM	1	14	16.53	16.71	16.60		
3	256QAM	8	0	16.63	16.62	16.64	18	5
3	256QAM	8	4	16.53	16.62	16.63		
3	256QAM	8	7	16.62	16.59	16.69		
3	256QAM	15	0	16.53	16.62	16.50		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.67	21.66	21.59	23	0
1.4	QPSK	1	3	21.59	21.62	21.55		
1.4	QPSK	1	5	21.58	21.64	21.59		
1.4	QPSK	3	0	21.59	21.58	21.48		
1.4	QPSK	3	1	21.57	21.56	21.47		
1.4	QPSK	3	3	21.46	21.57	21.55		
1.4	QPSK	6	0	20.59	20.70	20.56	22	1
1.4	16QAM	1	0	20.61	20.59	20.63	22	1
1.4	16QAM	1	3	20.58	20.68	20.67		
1.4	16QAM	1	5	20.53	20.60	20.51		
1.4	16QAM	3	0	20.56	20.58	20.51		
1.4	16QAM	3	1	20.54	20.48	20.50		
1.4	16QAM	3	3	20.49	20.66	20.55		
1.4	16QAM	6	0	19.59	19.65	19.54	21	2
1.4	64QAM	1	0	19.56	19.67	19.65	21	2
1.4	64QAM	1	3	19.57	19.62	19.56		
1.4	64QAM	1	5	19.51	19.69	19.60		
1.4	64QAM	3	0	19.57	19.52	19.46		
1.4	64QAM	3	1	19.53	19.59	19.62		
1.4	64QAM	3	3	19.52	19.50	19.47		
1.4	64QAM	6	0	18.58	18.59	18.57	20	3
1.4	256QAM	1	0	16.50	16.79	16.74	18	5
1.4	256QAM	1	3	16.66	16.68	16.61		
1.4	256QAM	1	5	16.51	16.74	16.61		
1.4	256QAM	3	0	16.60	16.62	16.66		
1.4	256QAM	3	1	16.60	16.64	16.54		
1.4	256QAM	3	3	16.55	16.62	16.63		
1.4	256QAM	6	0	16.52	16.61	16.57	18	5

Band 13 Ant 1 ECI 6

BW [MHz]	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		21.92		23	0
10	QPSK	1	25		21.85			
10	QPSK	1	49		21.81			
10	QPSK	25	0		20.97		22	1
10	QPSK	25	12		20.87			
10	QPSK	25	25		20.80			
10	QPSK	50	0		20.89			
10	16QAM	1	0		20.87		22	1
10	16QAM	1	25		20.87			
10	16QAM	1	49		20.75			
10	16QAM	25	0		19.96		21	2
10	16QAM	25	12		19.82			
10	16QAM	25	25		19.77			
10	16QAM	50	0		19.86			
10	64QAM	1	0		19.87		21	2
10	64QAM	1	25		19.88			
10	64QAM	1	49		19.83			
10	64QAM	25	0		19.01		20	3
10	64QAM	25	12		18.92			
10	64QAM	25	25		18.85			
10	64QAM	50	0		18.93			
10	256QAM	1	0		16.98		18	5
10	256QAM	1	25		16.82			
10	256QAM	1	49		16.84			
10	256QAM	25	0		16.85		18	5
10	256QAM	25	12		16.86			
10	256QAM	25	25		16.88			
10	256QAM	50	0		16.70			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.78	21.88	21.79	23	0
5	QPSK	1	12	21.72	21.72	21.76		
5	QPSK	1	24	21.78	21.78	21.78		
5	QPSK	12	0	20.86	20.89	20.84	22	1
5	QPSK	12	7	20.76	20.75	20.74		
5	QPSK	12	13	20.76	20.73	20.74		
5	QPSK	25	0	20.86	20.79	20.80		
5	16QAM	1	0	20.83	20.74	20.82	22	1
5	16QAM	1	12	20.82	20.84	20.79		
5	16QAM	1	24	20.66	20.68	20.71		
5	16QAM	12	0	19.85	19.91	19.90	21	2
5	16QAM	12	7	19.74	19.80	19.75		
5	16QAM	12	13	19.65	19.68	19.71		
5	16QAM	25	0	19.83	19.77	19.72		
5	64QAM	1	0	19.75	19.83	19.82	21	2
5	64QAM	1	12	19.75	19.77	19.79		
5	64QAM	1	24	19.73	19.69	19.75		
5	64QAM	12	0	18.90	18.87	18.97	20	3
5	64QAM	12	7	18.84	18.87	18.82		
5	64QAM	12	13	18.79	18.82	18.82		
5	64QAM	25	0	18.85	18.89	18.82		
5	256QAM	1	0	16.85	16.89	16.91	18	5
5	256QAM	1	12	16.80	16.76	16.76		
5	256QAM	1	24	16.72	16.74	16.71		
5	256QAM	12	0	16.77	16.81	16.75	18	5
5	256QAM	12	7	16.73	16.78	16.78		
5	256QAM	12	13	16.83	16.86	16.74		
5	256QAM	25	0	16.62	16.66	16.67		

Band 14 Ant 1 ECI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.95		23	0
10	QPSK	1	25		21.91			
10	QPSK	1	49		21.86			
10	QPSK	25	0		20.98		22	1
10	QPSK	25	12		20.85			
10	QPSK	25	25		20.86			
10	QPSK	50	0		20.94			
10	16QAM	1	0		20.92		22	1
10	16QAM	1	25		20.88			
10	16QAM	1	49		20.83			
10	16QAM	25	0		19.98		21	2
10	16QAM	25	12		19.84			
10	16QAM	25	25		19.84			
10	16QAM	50	0		19.89			
10	64QAM	1	0		19.92		21	2
10	64QAM	1	25		19.95			
10	64QAM	1	49		19.85			
10	64QAM	25	0		18.94		20	3
10	64QAM	25	12		18.80			
10	64QAM	25	25		18.89			
10	64QAM	50	0		18.99			
10	256QAM	1	0		16.98		18	5
10	256QAM	1	25		16.87			
10	256QAM	1	49		16.89			
10	256QAM	25	0		16.96		18	5
10	256QAM	25	12		16.96			
10	256QAM	25	25		16.94			
10	256QAM	50	0		16.82			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.89	21.93	21.84	23	0
5	QPSK	1	12	21.83	21.86	21.82		
5	QPSK	1	24	21.78	21.81	21.83		
5	QPSK	12	0	20.85	20.96	20.93	22	1
5	QPSK	12	7	20.79	20.72	20.81		
5	QPSK	12	13	20.79	20.76	20.82		
5	QPSK	25	0	20.90	20.90	20.80		
5	16QAM	1	0	20.82	20.84	20.87	22	1
5	16QAM	1	12	20.86	20.80	20.75		
5	16QAM	1	24	20.79	20.76	20.80		
5	16QAM	12	0	19.88	19.87	19.94	21	2
5	16QAM	12	7	19.77	19.77	19.75		
5	16QAM	12	13	19.81	19.76	19.79		
5	16QAM	25	0	19.84	19.78	19.85		
5	64QAM	1	0	19.87	19.87	19.80	21	2
5	64QAM	1	12	19.90	19.92	19.87		
5	64QAM	1	24	19.80	19.73	19.72		
5	64QAM	12	0	18.83	18.83	18.91	20	3
5	64QAM	12	7	18.72	18.76	18.69		
5	64QAM	12	13	18.76	18.80	18.82		
5	64QAM	25	0	18.95	18.97	18.95		
5	256QAM	1	0	16.91	16.86	16.88	18	5
5	256QAM	1	12	16.82	16.74	16.78		
5	256QAM	1	24	16.86	16.76	16.78		
5	256QAM	12	0	16.85	16.87	16.90	18	5
5	256QAM	12	7	16.93	16.94	16.94		
5	256QAM	12	13	16.92	16.84	16.86		
5	256QAM	25	0	16.71	16.73	16.75		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.67	21.70	21.62	23	0
10	QPSK	1	25	21.59	21.67	21.63		
10	QPSK	1	49	21.57	21.62	21.53		
10	QPSK	25	0	20.58	20.75	20.67	22	1
10	QPSK	25	12	20.63	20.70	20.57		
10	QPSK	25	25	20.47	20.71	20.64		
10	QPSK	50	0	20.60	20.69	20.62		
10	16QAM	1	0	20.56	20.58	20.55	22	1
10	16QAM	1	25	20.56	20.64	20.66		
10	16QAM	1	49	20.56	20.65	20.55		
10	16QAM	25	0	19.55	19.70	19.62	21	2
10	16QAM	25	12	19.58	19.64	19.51		
10	16QAM	25	25	19.61	19.73	19.72		
10	16QAM	50	0	19.63	19.71	19.56		
10	64QAM	1	0	19.64	19.66	19.74	21	2
10	64QAM	1	25	19.53	19.63	19.62		
10	64QAM	1	49	19.52	19.67	19.54		
10	64QAM	25	0	18.59	18.66	18.69	20	3
10	64QAM	25	12	18.58	18.71	18.57		
10	64QAM	25	25	18.52	18.71	18.59		
10	64QAM	50	0	18.59	18.58	18.62		
10	256QAM	1	0	16.54	16.79	16.66	18	5
10	256QAM	1	25	16.59	16.65	16.54		
10	256QAM	1	49	16.47	16.70	16.68		
10	256QAM	25	0	16.63	16.68	16.66	18	5
10	256QAM	25	12	16.52	16.63	16.55		
10	256QAM	25	25	16.63	16.60	16.62		
10	256QAM	50	0	16.56	16.60	16.48		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.61	21.64	21.53	23	0
5	QPSK	1	12	21.49	21.54	21.57		
5	QPSK	1	24	21.46	21.57	21.44		
5	QPSK	12	0	20.51	20.66	20.55	22	1
5	QPSK	12	7	20.59	20.63	20.52		
5	QPSK	12	13	20.45	20.64	20.56		
5	QPSK	25	0	20.56	20.65	20.49		
5	16QAM	1	0	20.44	20.47	20.50	22	1
5	16QAM	1	12	20.53	20.59	20.60		
5	16QAM	1	24	20.44	20.58	20.51		
5	16QAM	12	0	19.43	19.59	19.50	21	2
5	16QAM	12	7	19.51	19.61	19.44		
5	16QAM	12	13	19.57	19.71	19.58		
5	16QAM	25	0	19.58	19.58	19.43		
5	64QAM	1	0	19.51	19.58	19.70	21	2
5	64QAM	1	12	19.45	19.52	19.50		
5	64QAM	1	24	19.46	19.62	19.41		
5	64QAM	12	0	18.47	18.62	18.65	20	3
5	64QAM	12	7	18.46	18.69	18.43		
5	64QAM	12	13	18.43	18.62	18.51		
5	64QAM	25	0	18.55	18.50	18.60		
5	256QAM	1	0	16.41	16.77	16.64	18	5
5	256QAM	1	12	16.46	16.57	16.46		
5	256QAM	1	24	16.38	16.64	16.59		
5	256QAM	12	0	16.60	16.62	16.55	18	5
5	256QAM	12	7	16.45	16.52	16.45		
5	256QAM	12	13	16.61	16.55	16.57		
5	256QAM	25	0	16.46	16.55	16.37		

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BW [MHz]	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	21.55	21.60	21.58	23	0
20	QPSK	1	49	21.51	21.52	21.47		
20	QPSK	1	99	21.46	21.55	21.48		
20	QPSK	50	0	21.43	21.57	21.52	23	0
20	QPSK	50	24	21.44	21.50	21.45		
20	QPSK	50	50	21.51	21.56	21.55		
20	QPSK	100	0	21.52	21.53	21.47		
20	16QAM	1	0	21.48	21.47	21.47	23	0
20	16QAM	1	49	21.41	21.48	21.36		
20	16QAM	1	99	21.35	21.40	21.35		
20	16QAM	50	0	20.49	20.56	20.57	22	1
20	16QAM	50	24	20.43	20.47	20.47		
20	16QAM	50	50	20.50	20.52	20.52		
20	16QAM	100	0	20.49	20.52	20.52		
20	64QAM	1	0	20.54	20.50	20.46	22	1
20	64QAM	1	49	20.40	20.47	20.34		
20	64QAM	1	99	20.34	20.44	20.29		
20	64QAM	50	0	19.45	19.54	19.53	21	2
20	64QAM	50	24	19.44	19.54	19.45		
20	64QAM	50	50	19.53	19.58	19.53		
20	64QAM	100	0	19.47	19.59	19.45		
20	256QAM	1	0	17.39	17.53	17.53	19	4
20	256QAM	1	49	17.49	17.49	17.45		
20	256QAM	1	99	17.51	17.61	17.56		
20	256QAM	50	0	17.47	17.59	17.47	19	4
20	256QAM	50	24	17.51	17.44	17.48		
20	256QAM	50	50	17.45	17.42	17.38		
20	256QAM	100	0	17.36	17.44	17.39		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.48	21.49	21.55	23	0
15	QPSK	1	37	21.42	21.39	21.42		
15	QPSK	1	74	21.44	21.40	21.42		
15	QPSK	36	0	21.33	21.51	21.40	23	0
15	QPSK	36	20	21.41	21.36	21.43		
15	QPSK	36	39	21.45	21.46	21.43		
15	QPSK	75	0	21.45	21.46	21.35		
15	16QAM	1	0	21.45	21.33	21.43	23	0
15	16QAM	1	37	21.34	21.39	21.33		
15	16QAM	1	74	21.30	21.37	21.26		
15	16QAM	36	0	20.42	20.52	20.47	22	1
15	16QAM	36	20	20.34	20.38	20.40		
15	16QAM	36	39	20.43	20.42	20.40		
15	16QAM	75	0	20.44	20.42	20.49		
15	64QAM	1	0	20.48	20.40	20.40	22	1
15	64QAM	1	37	20.30	20.38	20.20		
15	64QAM	1	74	20.23	20.36	20.22		
15	64QAM	36	0	19.40	19.52	19.45	21	2
15	64QAM	36	20	19.38	19.47	19.42		
15	64QAM	36	39	19.48	19.56	19.47		
15	64QAM	75	0	19.39	19.47	19.34		
15	256QAM	1	0	17.25	17.43	17.51	19	4
15	256QAM	1	37	17.37	17.38	17.42		
15	256QAM	1	74	17.45	17.58	17.52		
15	256QAM	36	0	17.34	17.52	17.34	19	4
15	256QAM	36	20	17.45	17.40	17.44		
15	256QAM	36	39	17.43	17.31	17.28		
15	256QAM	75	0	17.33	17.41	17.37		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.46	21.48	21.56	23	0
10	QPSK	1	25	21.48	21.45	21.40		
10	QPSK	1	49	21.38	21.48	21.41		
10	QPSK	25	0	21.33	21.55	21.50	23	0
10	QPSK	25	12	21.37	21.39	21.40		
10	QPSK	25	25	21.47	21.50	21.50		
10	QPSK	50	0	21.46	21.47	21.38		
10	16QAM	1	0	21.45	21.34	21.40	23	0
10	16QAM	1	25	21.37	21.40	21.27		
10	16QAM	1	49	21.23	21.31	21.31		
10	16QAM	25	0	20.38	20.46	20.53	22	1
10	16QAM	25	12	20.32	20.41	20.44		
10	16QAM	25	25	20.43	20.50	20.43		
10	16QAM	50	0	20.46	20.46	20.44		
10	64QAM	1	0	20.46	20.46	20.37	22	1
10	64QAM	1	25	20.36	20.42	20.25		
10	64QAM	1	49	20.28	20.34	20.26		
10	64QAM	25	0	19.33	19.46	19.43	21	2
10	64QAM	25	12	19.40	19.47	19.41		
10	64QAM	25	25	19.39	19.55	19.43		
10	64QAM	50	0	19.36	19.46	19.32		
10	256QAM	1	0	17.27	17.46	17.40	19	4
10	256QAM	1	25	17.38	17.39	17.37		
10	256QAM	1	49	17.47	17.52	17.43		
10	256QAM	25	0	17.42	17.54	17.40	19	4
10	256QAM	25	12	17.38	17.31	17.43		
10	256QAM	25	25	17.37	17.36	17.30		
10	256QAM	50	0	17.30	17.31	17.35		
Channel				26065	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.50	21.51	21.51	23	0
5	QPSK	1	12	21.44	21.41	21.34		
5	QPSK	1	24	21.35	21.40	21.39		
5	QPSK	12	0	21.32	21.53	21.49	23	0
5	QPSK	12	7	21.33	21.40	21.37		
5	QPSK	12	13	21.45	21.45	21.43		
5	QPSK	25	0	21.46	21.41	21.33		
5	16QAM	1	0	21.44	21.41	21.40	23	0
5	16QAM	1	12	21.30	21.35	21.25		
5	16QAM	1	24	21.23	21.27	21.26		
5	16QAM	12	0	20.42	20.50	20.49	22	1
5	16QAM	12	7	20.36	20.34	20.38		
5	16QAM	12	13	20.40	20.49	20.49		
5	16QAM	25	0	20.42	20.46	20.46		
5	64QAM	1	0	20.51	20.38	20.44	22	1
5	64QAM	1	12	20.29	20.43	20.32		
5	64QAM	1	24	20.30	20.34	20.19		
5	64QAM	12	0	19.38	19.41	19.45	21	2
5	64QAM	12	7	19.34	19.50	19.33		
5	64QAM	12	13	19.47	19.48	19.41		
5	64QAM	25	0	19.34	19.54	19.31		
5	256QAM	1	0	17.34	17.50	17.45	19	4
5	256QAM	1	12	17.44	17.36	17.32		
5	256QAM	1	24	17.42	17.49	17.51		
5	256QAM	12	0	17.40	17.48	17.42	19	4
5	256QAM	12	7	17.47	17.37	17.42		
5	256QAM	12	13	17.42	17.35	17.34		
5	256QAM	25	0	17.28	17.35	17.35		
Channel				26065	26340	26575	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.49	21.48	21.55	23	0
3	QPSK	1	8	21.38	21.44	21.44		
3	QPSK	1	14	21.36	21.38	21.44		
3	QPSK	8	0	21.33	21.54	21.39	23	0
3	QPSK	8	4	21.38	21.43	21.33		
3	QPSK	8	7	21.44	21.43	21.52		
3	QPSK	15	0	21.43	21.41	21.33		
3	16QAM	1	0	21.37	21.38	21.44	23	0
3	16QAM	1	8	21.36	21.42	21.22		
3	16QAM	1	14	21.28	21.34	21.25		
3	16QAM	8	0	20.42	20.52	20.55	22	1
3	16QAM	8	4	20.31	20.36	20.40		
3	16QAM	8	7	20.40	20.47	20.41		
3	16QAM	15	0	20.44	20.45	20.46		
3	64QAM	1	0	20.41	20.40	20.34	22	1
3	64QAM	1	8	20.33	20.37	20.29		
3	64QAM	1	14	20.30	20.38	20.22		
3	64QAM	8	0	19.38	19.47	19.44	21	2
3	64QAM	8	4	19.33	19.43	19.39		
3	64QAM	8	7	19.44	19.47	19.44		
3	64QAM	15	0	19.41	19.48	19.32		
3	256QAM	1	0	17.36	17.39	17.45	19	4
3	256QAM	1	8	17.39	17.37	17.42		
3	256QAM	1	14	17.47	17.56	17.52		
3	256QAM	8	0	17.42	17.50	17.37	19	4
3	256QAM	8	4	17.45	17.40	17.35		
3	256QAM	8	7	17.32	17.39	17.26		
3	256QAM	15	0	17.34	17.34	17.36		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.48	21.51	21.49	23	0
1.4	QPSK	1	3	21.38	21.38	21.39		
1.4	QPSK	1	5	21.37	21.42	21.36		
1.4	QPSK	3	0	21.32	21.46	21.41		
1.4	QPSK	3	1	21.31	21.37	21.42		
1.4	QPSK	3	3	21.41	21.51	21.52		
1.4	QPSK	6	0	21.46	21.47	21.40	23	0
1.4	16QAM	1	0	21.44	21.38	21.37	23	0
1.4	16QAM	1	3	21.36	21.37	21.31		
1.4	16QAM	1	5	21.30	21.28	21.31		
1.4	16QAM	3	0	21.32	21.27	21.27		
1.4	16QAM	3	1	21.33	21.32	21.24		
1.4	16QAM	3	3	21.19	21.17	21.22		
1.4	16QAM	6	0	20.35	20.41	20.42	22	1
1.4	64QAM	1	0	20.41	20.38	20.40	22	1
1.4	64QAM	1	3	20.33	20.43	20.21		
1.4	64QAM	1	5	20.31	20.42	20.25		
1.4	64QAM	3	0	20.30	20.38	20.36		
1.4	64QAM	3	1	20.27	20.25	20.29		
1.4	64QAM	3	3	20.24	20.33	20.18		
1.4	64QAM	6	0	19.36	19.45	19.39	21	2
1.4	256QAM	1	0	17.32	17.42	17.41	19	4
1.4	256QAM	1	3	17.37	17.43	17.37		
1.4	256QAM	1	5	17.43	17.48	17.50		
1.4	256QAM	3	0	17.35	17.46	17.42		
1.4	256QAM	3	1	17.38	17.40	17.44		
1.4	256QAM	3	3	17.32	17.40	17.26		
1.4	256QAM	6	0	17.28	17.34	17.29	19	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.76	21.92	21.81	23	0
15	QPSK	1	37	21.70	21.83	21.70		
15	QPSK	1	74	21.71	21.73	21.83		
15	QPSK	36	0	20.75	20.95	20.89	22	1
15	QPSK	36	20	20.67	20.77	20.70		
15	QPSK	36	39	20.78	20.67	20.84		
15	QPSK	75	0	20.78	20.80	20.77		
15	16QAM	1	0	20.72	20.86	20.84	22	1
15	16QAM	1	37	20.68	20.87	20.65		
15	16QAM	1	74	20.83	20.75	20.87		
15	16QAM	36	0	19.85	19.94	19.81	21	2
15	16QAM	36	20	19.71	19.74	19.67		
15	16QAM	36	39	19.79	19.71	19.85		
15	16QAM	75	0	19.74	19.80	19.82	21	2
15	64QAM	1	0	19.73	19.93	19.84		
15	64QAM	1	37	19.68	19.79	19.74		
15	64QAM	1	74	19.78	19.75	19.83		
15	64QAM	36	0	18.71	18.87	18.85	20	3
15	64QAM	36	20	18.72	18.70	18.71		
15	64QAM	36	39	18.77	18.62	18.80		
15	64QAM	75	0	18.71	18.78	18.83		
15	256QAM	1	0	16.73	16.93	16.80	18	5
15	256QAM	1	37	16.70	16.85	16.61		
15	256QAM	1	74	16.82	16.68	16.75		
15	256QAM	36	0	16.81	16.84	16.84	18	5
15	256QAM	36	20	16.79	16.82	16.85		
15	256QAM	36	39	16.73	16.83	16.68		
15	256QAM	75	0	16.81	16.73	16.86		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.71	21.87	21.79	23	0
10	QPSK	1	25	21.61	21.79	21.58		
10	QPSK	1	49	21.67	21.65	21.71		
10	QPSK	25	0	20.70	20.82	20.79	22	1
10	QPSK	25	12	20.64	20.70	20.57		
10	QPSK	25	25	20.75	20.57	20.81		
10	QPSK	50	0	20.75	20.72	20.73		
10	16QAM	1	0	20.62	20.73	20.78	22	1
10	16QAM	1	25	20.54	20.76	20.61		
10	16QAM	1	49	20.71	20.68	20.75		
10	16QAM	25	0	19.80	19.81	19.73	21	2
10	16QAM	25	12	19.67	19.61	19.56		
10	16QAM	25	25	19.68	19.64	19.72		
10	16QAM	50	0	19.65	19.78	19.77		
10	64QAM	1	0	19.61	19.86	19.82	21	2
10	64QAM	1	25	19.62	19.75	19.60		
10	64QAM	1	49	19.74	19.66	19.73		
10	64QAM	25	0	18.61	18.84	18.83	20	3
10	64QAM	25	12	18.58	18.61	18.62		
10	64QAM	25	25	18.64	18.54	18.68		
10	64QAM	50	0	18.60	18.71	18.70		
10	256QAM	1	0	16.67	16.84	16.75	18	5
10	256QAM	1	25	16.66	16.77	16.50		
10	256QAM	1	49	16.70	16.58	16.73		
10	256QAM	25	0	16.69	16.81	16.80	18	5
10	256QAM	25	12	16.69	16.79	16.78		
10	256QAM	25	25	16.64	16.80	16.63		
10	256QAM	50	0	16.71	16.68	16.74		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.65	21.83	21.71	23	0
5	QPSK	1	12	21.66	21.80	21.61		
5	QPSK	1	24	21.67	21.65	21.78		
5	QPSK	12	0	20.66	20.85	20.86	22	1
5	QPSK	12	7	20.55	20.73	20.61		
5	QPSK	12	13	20.75	20.54	20.72		
5	QPSK	25	0	20.75	20.78	20.67		
5	16QAM	1	0	20.64	20.82	20.70	22	1
5	16QAM	1	12	20.58	20.74	20.62		
5	16QAM	1	24	20.77	20.63	20.85		
5	16QAM	12	0	19.81	19.88	19.70	21	2
5	16QAM	12	7	19.59	19.67	19.58		
5	16QAM	12	13	19.72	19.69	19.83		
5	16QAM	25	0	19.63	19.76	19.70		
5	64QAM	1	0	19.60	19.85	19.81	21	2
5	64QAM	1	12	19.60	19.70	19.63		
5	64QAM	1	24	19.69	19.63	19.75		
5	64QAM	12	0	18.61	18.81	18.83	20	3
5	64QAM	12	7	18.63	18.60	18.67		
5	64QAM	12	13	18.75	18.49	18.71		
5	64QAM	25	0	18.60	18.65	18.72		
5	256QAM	1	0	16.65	16.88	16.78	18	5
5	256QAM	1	12	16.58	16.76	16.50		
5	256QAM	1	24	16.76	16.60	16.72		
5	256QAM	12	0	16.70	16.70	16.81	18	5
5	256QAM	12	7	16.74	16.71	16.79		
5	256QAM	12	13	16.61	16.71	16.56		
5	256QAM	25	0	16.70	16.65	16.77		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.67	21.81	21.78	23	0
3	QPSK	1	8	21.66	21.72	21.65		
3	QPSK	1	14	21.61	21.61	21.72		
3	QPSK	8	0	20.66	20.85	20.87	22	1
3	QPSK	8	4	20.64	20.74	20.62		
3	QPSK	8	7	20.67	20.62	20.75		
3	QPSK	15	0	20.72	20.71	20.71		
3	16QAM	1	0	20.68	20.74	20.72	22	1
3	16QAM	1	8	20.58	20.85	20.53		
3	16QAM	1	14	20.75	20.67	20.74		
3	16QAM	8	0	19.74	19.81	19.76	21	2
3	16QAM	8	4	19.67	19.68	19.63		
3	16QAM	8	7	19.72	19.68	19.81		
3	16QAM	15	0	19.61	19.69	19.71		
3	64QAM	1	0	19.61	19.88	19.79	21	2
3	64QAM	1	8	19.60	19.70	19.67		
3	64QAM	1	14	19.74	19.62	19.80		
3	64QAM	8	0	18.63	18.77	18.74	20	3
3	64QAM	8	4	18.64	18.64	18.64		
3	64QAM	8	7	18.70	18.57	18.71		
3	64QAM	15	0	18.65	18.66	18.70		
3	256QAM	1	0	16.60	16.83	16.75	18	5
3	256QAM	1	8	16.64	16.79	16.54		
3	256QAM	1	14	16.71	16.65	16.64		
3	256QAM	8	0	16.69	16.75	16.72	18	5
3	256QAM	8	4	16.69	16.77	16.81		
3	256QAM	8	7	16.65	16.72	16.58		
3	256QAM	15	0	16.74	16.68	16.73		
Channel				26637	26865	27093	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.66	21.79	21.73	23	0
1.4	QPSK	1	3	21.58	21.69	21.58		
1.4	QPSK	1	5	21.61	21.59	21.78		
1.4	QPSK	3	0	21.61	21.67	21.66		
1.4	QPSK	3	1	21.44	21.62	21.45		
1.4	QPSK	3	3	21.47	21.52	21.68		
1.4	QPSK	6	0	20.72	20.70	20.71	22	1
1.4	16QAM	1	0	20.63	20.81	20.78	22	1
1.4	16QAM	1	3	20.55	20.74	20.51		
1.4	16QAM	1	5	20.78	20.69	20.75		
1.4	16QAM	3	0	20.67	20.61	20.62		
1.4	16QAM	3	1	20.52	20.75	20.74		
1.4	16QAM	3	3	20.46	20.70	20.45		
1.4	16QAM	6	0	19.65	19.70	19.69	21	2
1.4	64QAM	1	0	19.68	19.87	19.78	21	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				27710				
Frequency (MHz)				2310				
10	QPSK	1	0	21.25			22.4	0
10	QPSK	1	25	21.22				
10	QPSK	1	49	21.18				
10	QPSK	25	0	21.22			22.4	0
10	QPSK	25	12	21.19				
10	QPSK	25	25	21.07				
10	QPSK	50	0	21.19				
10	16QAM	1	0	21.14			22.4	0
10	16QAM	1	25	21.18				
10	16QAM	1	49	21.06				
10	16QAM	25	0	20.76			22	0.4
10	16QAM	25	12	20.78				
10	16QAM	25	25	20.63				
10	16QAM	50	0	20.72				
10	64QAM	1	0	20.67			22	0.4
10	64QAM	1	25	20.74				
10	64QAM	1	49	20.67				
10	64QAM	25	0	19.82			21	1.4
10	64QAM	25	12	19.80				
10	64QAM	25	25	19.65				
10	64QAM	50	0	19.79				
10	256QAM	1	0	17.82			19	3.4
10	256QAM	1	25	17.82				
10	256QAM	1	49	17.67				
10	256QAM	25	0	17.83			19	3.4
10	256QAM	25	12	17.74				
10	256QAM	25	25	17.78				
10	256QAM	50	0	17.65				
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	21.12	21.20	21.16	22.4	0
5	QPSK	1	12	21.10	21.12	21.12		
5	QPSK	1	24	21.12	21.16	21.15		
5	QPSK	12	0	21.12	21.16	21.12	22.4	0
5	QPSK	12	7	21.06	21.15	21.10		
5	QPSK	12	13	20.96	20.96	20.96		
5	QPSK	25	0	21.15	21.13	21.15		
5	16QAM	1	0	21.12	21.06	21.08	22.4	0
5	16QAM	1	12	21.09	21.06	21.16		
5	16QAM	1	24	21.00	20.99	20.93		
5	16QAM	12	0	20.72	20.66	20.67	22	0.4
5	16QAM	12	7	20.71	20.76	20.67		
5	16QAM	12	13	20.50	20.57	20.50		
5	16QAM	25	0	20.58	20.69	20.66		
5	64QAM	1	0	20.55	20.64	20.58	22	0.4
5	64QAM	1	12	20.71	20.65	20.65		
5	64QAM	1	24	20.65	20.61	20.53		
5	64QAM	12	0	19.72	19.76	19.71	21	1.4
5	64QAM	12	7	19.74	19.77	19.74		
5	64QAM	12	13	19.52	19.57	19.61		
5	64QAM	25	0	19.73	19.69	19.73		
5	256QAM	1	0	17.77	17.74	17.75	19	3.4
5	256QAM	1	12	17.68	17.75	17.72		
5	256QAM	1	24	17.54	17.61	17.59		
5	256QAM	12	0	17.70	17.75	17.70	19	3.4
5	256QAM	12	7	17.65	17.67	17.61		
5	256QAM	12	13	17.70	17.72	17.70		
5	256QAM	25	0	17.58	17.59	17.56		

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BW [MHz]	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	22.00	21.98	23	0
20	QPSK	1	49	21.81	21.92	21.86		
20	QPSK	1	99	21.89	21.92	21.95		
20	QPSK	50	0	21.91	21.95	21.93	23	0
20	QPSK	50	24	21.82	21.92	21.90		
20	QPSK	50	50	21.87	21.88	21.91		
20	QPSK	100	0	21.83	21.92	21.89		
20	16QAM	1	0	21.87	21.87	21.88	23	0
20	16QAM	1	49	21.76	21.82	21.86		
20	16QAM	1	99	21.77	21.77	21.87		
20	16QAM	50	0	20.96	20.99	20.98	22	1
20	16QAM	50	24	20.80	20.88	20.84		
20	16QAM	50	50	20.83	20.89	20.92		
20	16QAM	100	0	20.77	20.90	20.88		
20	64QAM	1	0	20.85	20.92	20.84	22	1
20	64QAM	1	49	20.79	20.84	20.84		
20	64QAM	1	99	20.81	20.72	20.87		
20	64QAM	50	0	19.94	19.92	19.88	21	2
20	64QAM	50	24	19.79	19.88	19.91		
20	64QAM	50	50	19.89	19.96	19.94		
20	64QAM	100	0	19.88	19.93	19.86		
20	256QAM	1	0	17.86	17.96	17.88	19	4
20	256QAM	1	49	17.88	17.88	17.95		
20	256QAM	1	99	17.82	17.93	17.94		
20	256QAM	50	0	17.82	17.97	17.91	19	4
20	256QAM	50	24	17.85	17.83	17.88		
20	256QAM	50	50	17.80	17.79	17.90		
20	256QAM	100	0	17.75	17.72	17.90		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.88	21.93	21.96	23	0
15	QPSK	1	37	21.74	21.90	21.76		
15	QPSK	1	74	21.83	21.80	21.94		
15	QPSK	36	0	21.82	21.93	21.89	23	0
15	QPSK	36	20	21.80	21.88	21.82		
15	QPSK	36	39	21.83	21.80	21.80		
15	QPSK	75	0	21.79	21.81	21.87		
15	16QAM	1	0	21.79	21.83	21.78	23	0
15	16QAM	1	37	21.67	21.76	21.77		
15	16QAM	1	74	21.66	21.74	21.81		
15	16QAM	36	0	20.90	20.82	20.87	22	1
15	16QAM	36	20	20.72	20.78	20.76		
15	16QAM	36	39	20.78	20.84	20.87		
15	16QAM	75	0	20.73	20.82	20.87		
15	64QAM	1	0	20.84	20.83	20.75	22	1
15	64QAM	1	37	20.69	20.72	20.82		
15	64QAM	1	74	20.74	20.66	20.75		
15	64QAM	36	0	19.83	19.88	19.86	21	2
15	64QAM	36	20	19.67	19.80	19.89		
15	64QAM	36	39	19.77	19.80	19.83		
15	64QAM	75	0	19.78	19.84	19.79		
15	256QAM	1	0	17.83	17.91	17.87	19	4
15	256QAM	1	37	17.86	17.87	17.95		
15	256QAM	1	74	17.79	17.83	17.86		
15	256QAM	36	0	17.78	17.88	17.83	19	4
15	256QAM	36	20	17.73	17.74	17.78		
15	256QAM	36	39	17.79	17.74	17.87		
15	256QAM	75	0	17.65	17.65	17.89		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.90	21.91	21.89	23	0
10	QPSK	1	25	21.81	21.82	21.77		
10	QPSK	1	49	21.83	21.92	21.83		
10	QPSK	25	0	21.87	21.90	21.81	23	0
10	QPSK	25	12	21.74	21.88	21.79		
10	QPSK	25	25	21.79	21.86	21.87		
10	QPSK	50	0	21.80	21.87	21.88		
10	16QAM	1	0	21.79	21.76	21.85	23	0
10	16QAM	1	25	21.74	21.81	21.84		
10	16QAM	1	49	21.71	21.67	21.82		
10	16QAM	25	0	20.93	20.78	20.88	22	1
10	16QAM	25	12	20.68	20.86	20.82		
10	16QAM	25	25	20.78	20.84	20.87		
10	16QAM	50	0	20.76	20.85	20.86		
10	64QAM	1	0	20.76	20.87	20.74	22	1
10	64QAM	1	25	20.71	20.78	20.78		
10	64QAM	1	49	20.79	20.62	20.84		
10	64QAM	25	0	19.88	19.82	19.78	21	2
10	64QAM	25	12	19.77	19.85	19.83		
10	64QAM	25	25	19.85	19.75	19.94		
10	64QAM	50	0	19.80	19.90	19.80		
10	256QAM	1	0	17.80	17.85	17.78	19	4
10	256QAM	1	25	17.78	17.78	17.89		
10	256QAM	1	49	17.71	17.87	17.90		
10	256QAM	25	0	17.79	17.86	17.89	19	4
10	256QAM	25	12	17.78	17.77	17.78		
10	256QAM	25	25	17.74	17.71	17.84		
10	256QAM	50	0	17.67	17.66	17.80		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.90	21.95	21.96	23	0
5	QPSK	1	12	21.69	21.90	21.84		
5	QPSK	1	24	21.83	21.81	21.91		
5	QPSK	12	0	21.84	21.92	21.88	23	0
5	QPSK	12	7	21.76	21.84	21.79		
5	QPSK	12	13	21.87	21.80	21.84		
5	QPSK	25	0	21.82	21.89	21.88		
5	16QAM	1	0	21.76	21.83	21.82	23	0
5	16QAM	1	12	21.69	21.72	21.75		
5	16QAM	1	24	21.67	21.70	21.77		
5	16QAM	12	0	20.89	20.85	20.92	22	1
5	16QAM	12	7	20.73	20.83	20.81		
5	16QAM	12	13	20.72	20.82	20.91		
5	16QAM	25	0	20.69	20.86	20.84		
5	64QAM	1	0	20.80	20.87	20.76	22	1
5	64QAM	1	12	20.78	20.78	20.79		
5	64QAM	1	24	20.76	20.62	20.79		
5	64QAM	12	0	19.94	19.86	19.85	21	2
5	64QAM	12	7	19.75	19.80	19.91		
5	64QAM	12	13	19.85	19.85	19.86		
5	64QAM	25	0	19.87	19.88	19.85		
5	256QAM	1	0	17.81	17.85	17.78	19	4
5	256QAM	1	12	17.83	17.78	17.84		
5	256QAM	1	24	17.82	17.89	17.85		
5	256QAM	12	0	17.80	17.94	17.85	19	4
5	256QAM	12	7	17.80	17.74	17.80		
5	256QAM	12	13	17.79	17.68	17.86		
5	256QAM	25	0	17.64	17.72	17.82		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.85	21.89	21.90	23	0
3	QPSK	1	8	21.81	21.92	21.77		
3	QPSK	1	14	21.87	21.86	21.84		
3	QPSK	8	0	21.83	21.85	21.84	23	0
3	QPSK	8	4	21.73	21.86	21.86		
3	QPSK	8	7	21.75	21.84	21.84		
3	QPSK	15	0	21.79	21.84	21.84		
3	16QAM	1	0	21.81	21.76	21.82	23	0
3	16QAM	1	8	21.72	21.74	21.81		
3	16QAM	1	14	21.70	21.73	21.87		
3	16QAM	8	0	20.89	20.85	20.97	22	1
3	16QAM	8	4	20.73	20.87	20.77		
3	16QAM	8	7	20.79	20.86	20.84		
3	16QAM	15	0	20.72	20.82	20.79		
3	64QAM	1	0	20.82	20.87	20.81	22	1
3	64QAM	1	8	20.76	20.78	20.74		
3	64QAM	1	14	20.81	20.72	20.85		
3	64QAM	8	0	19.85	19.88	19.86	21	2
3	64QAM	8	4	19.72	19.83	19.84		
3	64QAM	8	7	19.86	19.86	19.93		
3	64QAM	15	0	19.76	19.91	19.82		
3	256QAM	1	0	17.86	17.89	17.83	19	4
3	256QAM	1	8	17.83	17.77	17.91		
3	256QAM	1	14	17.72	17.86	17.87		
3	256QAM	8	0	17.71	17.94	17.80	19	4
3	256QAM	8	4	17.82	17.76	17.85		
3	256QAM	8	7	17.68	17.77	17.87		
3	256QAM	15	0	17.68	17.65	17.83		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.84	21.91	21.86	23	0
1.4	QPSK	1	3	21.80	21.91	21.84		
1.4	QPSK	1	5	21.77	21.80	21.86		
1.4	QPSK	3	0	21.82	21.93	21.82		
1.4	QPSK	3	1	21.73	21.81	21.86		
1.4	QPSK	3	3	21.84	21.83	21.89		
1.4	QPSK	6	0	21.74	21.83	21.87	23	0
1.4	16QAM	1	0	21.77	21.76	21.82	23	0
1.4	16QAM	1	3	21.65	21.75	21.81		
1.4	16QAM	1	5	21.71	21.75	21.80		
1.4	16QAM	3	0	21.68	21.67	21.70		
1.4	16QAM	3	1	21.57	21.67	21.79		
1.4	16QAM	3	3	21.68	21.72	21.73		
1.4	16QAM	6	0	20.68	20.85	20.80	22	1
1.4	64QAM	1	0	20.74	20.92	20.74	22	1
1.4	64QAM	1	3	20.75	20.82	20.75		
1.4	64QAM	1	5	20.70	20.69	20.83		
1.4	64QAM	3	0	20.68	20.84	20.77		
1.4	64QAM	3	1	20.71	20.91	20.70		
1.4	64QAM	3	3	20.66	20.71	20.66		
1.4	64QAM	6	0	19.79	19.89	19.78	21	2
1.4	256QAM	1	0	17.74	17.85	17.82	19	4
1.4	256QAM	1	3	17.81	17.84	17.92		
1.4	256QAM	1	5	17.71	17.93	17.92		
1.4	256QAM	3	0	17.77	17.91	17.79		
1.4	256QAM	3	1	17.83	17.71	17.84		
1.4	256QAM	3	3	17.79	17.70	17.89		
1.4	256QAM	6	0	17.64	17.67	17.87	19	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	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.11	22.13	22.12	23	0
20	QPSK	1	49	22.05	22.08	22.02		
20	QPSK	1	99	22.04	22.02	22.04		
20	QPSK	50	0	21.07	21.18	21.08	22	1
20	QPSK	50	24	21.10	21.10	21.03		
20	QPSK	50	50	21.02	21.01	21.02		
20	QPSK	100	0	21.09	21.14	21.11		
20	16QAM	1	0	21.07	21.10	21.07	22	1
20	16QAM	1	49	21.03	21.14	20.99		
20	16QAM	1	99	21.00	21.05	21.08		
20	16QAM	50	0	20.11	20.13	20.02	21	2
20	16QAM	50	24	20.04	20.15	20.06		
20	16QAM	50	50	20.06	20.02	20.07		
20	16QAM	100	0	20.15	20.16	20.13		
20	64QAM	1	0	20.17	20.15	20.14	21	2
20	64QAM	1	49	20.07	20.12	19.96		
20	64QAM	1	99	20.10	19.99	20.06		
20	64QAM	50	0	19.10	19.22	19.13	20	3
20	64QAM	50	24	19.08	19.07	19.06		
20	64QAM	50	50	18.99	19.06	19.05		
20	64QAM	100	0	19.10	19.18	19.13		
20	256QAM	1	0	17.10	17.21	17.07	18	5
20	256QAM	1	49	17.16	17.14	17.05		
20	256QAM	1	99	17.00	16.96	17.03		
20	256QAM	50	0	17.11	17.16	17.16	18	5
20	256QAM	50	24	17.03	17.05	17.02		
20	256QAM	50	50	16.98	17.18	16.98		
20	256QAM	100	0	17.02	17.10	17.05		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.98	22.10	22.01	23	0
15	QPSK	1	37	22.01	21.96	21.89		
15	QPSK	1	74	21.98	21.96	21.90		
15	QPSK	36	0	20.94	21.10	21.00	22	1
15	QPSK	36	20	21.03	21.01	20.97		
15	QPSK	36	39	20.93	20.94	20.92		
15	QPSK	75	0	21.02	21.01	20.97		
15	16QAM	1	0	21.05	21.03	21.02	22	1
15	16QAM	1	37	21.01	21.07	20.92		
15	16QAM	1	74	20.90	20.94	21.05		
15	16QAM	36	0	20.04	20.00	19.95	21	2
15	16QAM	36	20	19.98	20.07	20.04		
15	16QAM	36	39	20.03	19.95	20.02		
15	16QAM	75	0	20.02	20.05	19.99		
15	64QAM	1	0	20.11	20.11	20.01	21	2
15	64QAM	1	37	19.96	20.08	19.93		
15	64QAM	1	74	20.03	19.96	20.01		
15	64QAM	36	0	19.07	19.16	19.07	20	3
15	64QAM	36	20	19.04	18.98	18.94		
15	64QAM	36	39	18.87	18.93	18.99		
15	64QAM	75	0	19.07	19.09	19.02		
15	256QAM	1	0	16.99	17.09	16.96	18	5
15	256QAM	1	37	17.14	17.11	16.99		
15	256QAM	1	74	16.95	16.87	16.99		
15	256QAM	36	0	17.02	17.12	17.03	18	5
15	256QAM	36	20	16.97	16.93	16.98		
15	256QAM	36	39	16.87	17.09	16.91		
15	256QAM	75	0	17.00	17.04	16.92		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.04	22.05	22.06	23	0
10	QPSK	1	25	21.95	22.00	21.97		
10	QPSK	1	49	21.94	21.98	21.90		
10	QPSK	25	0	21.00	21.13	21.01	22	1
10	QPSK	25	12	21.08	21.05	20.96		
10	QPSK	25	25	20.93	20.99	20.91		
10	QPSK	50	0	21.00	21.10	21.07		
10	16QAM	1	0	21.00	21.06	21.03	22	1
10	16QAM	1	25	20.94	21.10	20.96		
10	16QAM	1	49	20.87	20.99	21.02		
10	16QAM	25	0	19.98	20.04	19.95	21	2
10	16QAM	25	12	19.99	20.10	19.94		
10	16QAM	25	25	20.01	19.91	19.98		
10	16QAM	50	0	20.10	20.06	20.00		
10	64QAM	1	0	20.14	20.05	20.06	21	2
10	64QAM	1	25	20.01	20.04	19.87		
10	64QAM	1	49	19.99	19.87	20.01		
10	64QAM	25	0	19.00	19.13	19.06	20	3
10	64QAM	25	12	19.02	18.97	18.98		
10	64QAM	25	25	18.92	18.97	18.98		
10	64QAM	50	0	18.98	19.15	19.11		
10	256QAM	1	0	16.98	17.08	17.05	18	5
10	256QAM	1	25	17.10	17.01	17.00		
10	256QAM	1	49	16.97	16.83	16.94		
10	256QAM	25	0	16.97	17.03	17.06	18	5
10	256QAM	25	12	16.94	16.92	16.91		
10	256QAM	25	25	16.89	17.12	16.86		
10	256QAM	50	0	16.96	17.00	16.99		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.05	22.08	22.05	23	0
5	QPSK	1	12	22.02	22.01	21.97		
5	QPSK	1	24	21.99	21.95	21.92		
5	QPSK	12	0	21.02	21.11	21.04	22	1
5	QPSK	12	7	21.01	21.05	20.99		
5	QPSK	12	13	20.98	20.88	20.97		
5	QPSK	25	0	21.07	21.02	20.99		
5	16QAM	1	0	21.01	21.00	20.95	22	1
5	16QAM	1	12	20.97	21.12	20.91		
5	16QAM	1	24	20.91	20.93	21.01		
5	16QAM	12	0	19.98	20.03	20.00	21	2
5	16QAM	12	7	20.00	20.06	19.97		
5	16QAM	12	13	19.98	19.90	19.96		
5	16QAM	25	0	20.11	20.03	20.07		
5	64QAM	1	0	20.05	20.03	20.01	21	2
5	64QAM	1	12	20.04	20.05	19.93		
5	64QAM	1	24	20.02	19.86	19.99		
5	64QAM	12	0	19.00	19.18	19.09	20	3
5	64QAM	12	7	19.05	19.01	18.96		
5	64QAM	12	13	18.92	18.96	18.93		
5	64QAM	25	0	18.97	19.14	19.01		
5	256QAM	1	0	17.08	17.10	16.99	18	5
5	256QAM	1	12	17.06	17.02	16.97		
5	256QAM	1	24	16.95	16.84	16.98		
5	256QAM	12	0	16.99	17.03	17.10	18	5
5	256QAM	12	7	16.91	16.97	16.91		
5	256QAM	12	13	16.88	17.04	16.88		
5	256QAM	25	0	16.96	17.06	17.00		

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BW [MHz]	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	23.52	23.73	23.62	25	0
20	QPSK	1	49	23.58	23.60	23.52		
20	QPSK	1	99	23.44	23.52	23.47		
20	QPSK	50	0	22.48	22.68	22.66	24	1
20	QPSK	50	24	22.51	22.50	22.50		
20	QPSK	50	50	22.39	22.51	22.45		
20	QPSK	100	0	22.56	22.67	22.64		
20	16QAM	1	0	22.67	22.70	22.64	24	1
20	16QAM	1	49	22.49	22.60	22.46		
20	16QAM	1	99	22.40	22.56	22.47		
20	16QAM	50	0	21.51	21.77	21.77	23	2
20	16QAM	50	24	21.43	21.47	21.44		
20	16QAM	50	50	21.39	21.59	21.47		
20	16QAM	100	0	21.58	21.71	21.58		
20	64QAM	1	0	21.55	21.69	21.57	23	2
20	64QAM	1	49	21.46	21.52	21.47		
20	64QAM	1	99	21.38	21.62	21.48		
20	64QAM	50	0	20.51	20.60	20.71	22	3
20	64QAM	50	24	20.59	20.63	20.60		
20	64QAM	50	50	20.39	20.52	20.52		
20	64QAM	100	0	20.60	20.64	20.58		
20	256QAM	1	0	18.50	18.65	18.64	20	5
20	256QAM	1	49	18.49	18.46	18.55		
20	256QAM	1	99	18.36	18.46	18.44		
20	256QAM	50	0	18.64	18.60	18.57	20	5
20	256QAM	50	24	18.69	18.73	18.62		
20	256QAM	50	50	18.52	18.60	18.41		
20	256QAM	100	0	18.41	18.62	18.52		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.43	23.69	23.54	25	0
15	QPSK	1	37	23.53	23.46	23.40		
15	QPSK	1	74	23.36	23.48	23.37		
15	QPSK	36	0	22.43	22.62	22.62	24	1
15	QPSK	36	20	22.37	22.36	22.43		
15	QPSK	36	39	22.30	22.42	22.37		
15	QPSK	75	0	22.51	22.63	22.51		
15	16QAM	1	0	22.64	22.62	22.56	24	1
15	16QAM	1	37	22.35	22.58	22.38		
15	16QAM	1	74	22.29	22.47	22.36		
15	16QAM	36	0	21.44	21.70	21.65	23	2
15	16QAM	36	20	21.31	21.43	21.40		
15	16QAM	36	39	21.34	21.52	21.39		
15	16QAM	75	0	21.45	21.67	21.50		
15	64QAM	1	0	21.51	21.57	21.44	23	2
15	64QAM	1	37	21.39	21.48	21.42		
15	64QAM	1	74	21.32	21.53	21.40		
15	64QAM	36	0	20.39	20.47	20.59	22	3
15	64QAM	36	20	20.54	20.55	20.52		
15	64QAM	36	39	20.36	20.42	20.38		
15	64QAM	75	0	20.52	20.54	20.47		
15	256QAM	1	0	18.46	18.57	18.61	20	5
15	256QAM	1	37	18.45	18.39	18.41		
15	256QAM	1	74	18.32	18.38	18.34		
15	256QAM	36	0	18.54	18.58	18.53	20	5
15	256QAM	36	20	18.57	18.69	18.50		
15	256QAM	36	39	18.49	18.55	18.38		
15	256QAM	75	0	18.32	18.59	18.47		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.38	23.66	23.51	25	0
10	QPSK	1	25	23.53	23.50	23.40		
10	QPSK	1	49	23.41	23.44	23.44		
10	QPSK	25	0	22.37	22.63	22.55	24	1
10	QPSK	25	12	22.39	22.41	22.39		
10	QPSK	25	25	22.29	22.47	22.37		
10	QPSK	50	0	22.44	22.59	22.54		
10	16QAM	1	0	22.54	22.63	22.59	24	1
10	16QAM	1	25	22.38	22.56	22.34		
10	16QAM	1	49	22.34	22.49	22.37		
10	16QAM	25	0	21.38	21.63	21.71	23	2
10	16QAM	25	12	21.36	21.35	21.40		
10	16QAM	25	25	21.32	21.52	21.33		
10	16QAM	50	0	21.47	21.68	21.52		
10	64QAM	1	0	21.48	21.58	21.46	23	2
10	64QAM	1	25	21.36	21.48	21.35		
10	64QAM	1	49	21.35	21.55	21.42		
10	64QAM	25	0	20.39	20.56	20.63	22	3
10	64QAM	25	12	20.54	20.59	20.48		
10	64QAM	25	25	20.28	20.44	20.47		
10	64QAM	50	0	20.49	20.59	20.53		
10	256QAM	1	0	18.41	18.54	18.60	20	5
10	256QAM	1	25	18.40	18.37	18.46		
10	256QAM	1	49	18.26	18.38	18.30		
10	256QAM	25	0	18.55	18.51	18.54	20	5
10	256QAM	25	12	18.62	18.63	18.49		
10	256QAM	25	25	18.45	18.48	18.37		
10	256QAM	50	0	18.28	18.54	18.43		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.45	23.69	23.53	25	0
5	QPSK	1	12	23.55	23.57	23.43		
5	QPSK	1	24	23.38	23.40	23.40		
5	QPSK	12	0	22.42	22.58	22.63	24	1
5	QPSK	12	7	22.42	22.36	22.40		
5	QPSK	12	13	22.31	22.37	22.38		
5	QPSK	25	0	22.52	22.60	22.62		
5	16QAM	1	0	22.53	22.56	22.58	24	1
5	16QAM	1	12	22.43	22.47	22.39		
5	16QAM	1	24	22.30	22.50	22.42		
5	16QAM	12	0	21.39	21.74	21.67	23	2
5	16QAM	12	7	21.34	21.38	21.35		
5	16QAM	12	13	21.36	21.56	21.44		
5	16QAM	25	0	21.48	21.68	21.55		
5	64QAM	1	0	21.51	21.56	21.54	23	2
5	64QAM	1	12	21.39	21.48	21.42		
5	64QAM	1	24	21.31	21.58	21.43		
5	64QAM	12	0	20.42	20.55	20.61	22	3
5	64QAM	12	7	20.48	20.54	20.47		
5	64QAM	12	13	20.34	20.48	20.44		
5	64QAM	25	0	20.49	20.51	20.49		
5	256QAM	1	0	18.46	18.61	18.55	20	5
5	256QAM	1	12	18.36	18.38	18.51		
5	256QAM	1	24	18.31	18.35	18.35		
5	256QAM	12	0	18.57	18.54	18.46	20	5
5	256QAM	12	7	18.66	18.61	18.51		
5	256QAM	12	13	18.43	18.53	18.37		
5	256QAM	25	0	18.35	18.55	18.40		

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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	23.61	23.66	23.75	23.69	23.64	25	0
20	QPSK	1	49	23.56	23.62	23.66	23.55	23.51		
20	QPSK	1	99	23.51	23.56	23.63	23.57	23.54		
20	QPSK	50	0	22.62	22.62	22.75	22.73	22.60	24	1
20	QPSK	50	24	22.59	22.58	22.63	22.58	22.50		
20	QPSK	50	50	22.51	22.51	22.58	22.54	22.60		
20	QPSK	100	0	22.56	22.63	22.72	22.67	22.69		
20	16QAM	1	0	22.67	22.69	22.78	22.68	22.60	24	1
20	16QAM	1	49	22.57	22.57	22.69	22.51	22.57		
20	16QAM	1	99	22.49	22.52	22.66	22.59	22.53		
20	16QAM	50	0	21.65	21.62	21.79	21.79	21.56	23	2
20	16QAM	50	24	21.63	21.52	21.58	21.53	21.53		
20	16QAM	50	50	21.55	21.49	21.63	21.52	21.54		
20	16QAM	100	0	21.53	21.66	21.76	21.65	21.64		
20	64QAM	1	0	21.58	21.67	21.80	21.67	21.61	23	2
20	64QAM	1	49	21.56	21.58	21.62	21.56	21.57		
20	64QAM	1	99	21.55	21.51	21.65	21.53	21.51		
20	64QAM	50	0	20.61	20.59	20.74	20.78	20.63	22	3
20	64QAM	50	24	20.54	20.62	20.65	20.63	20.53		
20	64QAM	50	50	20.48	20.50	20.64	20.58	20.59		
20	64QAM	100	0	20.52	20.63	20.75	20.69	20.70		
20	256QAM	1	0	18.60	18.60	18.74	18.75	18.56	20	5
20	256QAM	1	49	18.59	18.60	18.58	18.59	18.47		
20	256QAM	1	99	18.51	18.46	18.52	18.49	18.62		
20	256QAM	50	0	18.56	18.67	18.66	18.63	18.68	20	5
20	256QAM	50	24	18.62	18.72	18.83	18.69	18.57		
20	256QAM	50	50	18.61	18.56	18.68	18.53	18.59		
20	256QAM	100	0	18.50	18.50	18.71	18.61	18.51		
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	23.51	23.62	23.63	23.63	23.60	25	0
15	QPSK	1	37	23.45	23.59	23.61	23.51	23.40		
15	QPSK	1	74	23.45	23.46	23.58	23.47	23.43		
15	QPSK	36	0	22.49	22.59	22.63	22.68	22.56	24	1
15	QPSK	36	20	22.52	22.47	22.60	22.52	22.37		
15	QPSK	36	39	22.45	22.44	22.55	22.51	22.50		
15	QPSK	75	0	22.53	22.51	22.69	22.63	22.58		
15	16QAM	1	0	22.59	22.62	22.65	22.64	22.55	24	1
15	16QAM	1	37	22.50	22.54	22.58	22.40	22.52		
15	16QAM	1	74	22.38	22.46	22.52	22.49	22.49		
15	16QAM	36	0	21.57	21.58	21.74	21.75	21.51	23	2
15	16QAM	36	20	21.52	21.39	21.56	21.39	21.45		
15	16QAM	36	39	21.47	21.46	21.54	21.47	21.42		
15	16QAM	75	0	21.50	21.56	21.68	21.53	21.57		
15	64QAM	1	0	21.46	21.60	21.66	21.61	21.58	23	2
15	64QAM	1	37	21.47	21.48	21.49	21.48	21.51		
15	64QAM	1	74	21.45	21.46	21.57	21.41	21.42		
15	64QAM	36	0	20.52	20.48	20.64	20.71	20.56	22	3
15	64QAM	36	20	20.45	20.59	20.54	20.51	20.47		
15	64QAM	36	39	20.43	20.45	20.59	20.54	20.48		
15	64QAM	75	0	20.46	20.51	20.62	20.55	20.59		
15	256QAM	1	0	18.58	18.48	18.71	18.67	18.46	20	5
15	256QAM	1	37	18.53	18.48	18.46	18.51	18.43		
15	256QAM	1	74	18.40	18.33	18.48	18.45	18.53		
15	256QAM	36	0	18.52	18.63	18.62	18.59	18.56	20	5
15	256QAM	36	20	18.53	18.62	18.80	18.56	18.47		
15	256QAM	36	39	18.51	18.45	18.64	18.43	18.55		
15	256QAM	75	0	18.40	18.44	18.66	18.51	18.45		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.51	23.62	23.66	23.60	23.53	25	0
10	QPSK	1	25	23.43	23.51	23.54	23.48	23.43		
10	QPSK	1	49	23.46	23.53	23.56	23.53	23.50		
10	QPSK	25	0	22.51	22.59	22.65	22.60	22.57	24	1
10	QPSK	25	12	22.47	22.55	22.56	22.48	22.47		
10	QPSK	25	25	22.44	22.37	22.53	22.47	22.54		
10	QPSK	50	0	22.46	22.58	22.64	22.60	22.61		
10	16QAM	1	0	22.57	22.59	22.71	22.58	22.52	24	1
10	16QAM	1	25	22.45	22.52	22.56	22.48	22.49		
10	16QAM	1	49	22.38	22.44	22.58	22.53	22.47		
10	16QAM	25	0	21.55	21.54	21.71	21.72	21.51	23	2
10	16QAM	25	12	21.52	21.47	21.53	21.46	21.42		
10	16QAM	25	25	21.42	21.44	21.49	21.41	21.43		
10	16QAM	50	0	21.41	21.63	21.65	21.53	21.59		
10	64QAM	1	0	21.52	21.58	21.75	21.61	21.54	23	2
10	64QAM	1	25	21.44	21.49	21.57	21.43	21.51		
10	64QAM	1	49	21.45	21.46	21.55	21.41	21.37		
10	64QAM	25	0	20.58	20.53	20.63	20.66	20.54	22	3
10	64QAM	25	12	20.45	20.49	20.63	20.60	20.43		
10	64QAM	25	25	20.45	20.39	20.57	20.53	20.55		
10	64QAM	50	0	20.44	20.52	20.63	20.60	20.67		
10	256QAM	1	0	18.47	18.57	18.64	18.69	18.45	20	5
10	256QAM	1	25	18.51	18.57	18.44	18.47	18.40		
10	256QAM	1	49	18.40	18.33	18.45	18.40	18.60		
10	256QAM	25	0	18.53	18.60	18.53	18.55	18.54	20	5
10	256QAM	25	12	18.51	18.65	18.77	18.56	18.48		
10	256QAM	25	25	18.52	18.51	18.57	18.39	18.56		
10	256QAM	50	0	18.43	18.45	18.67	18.57	18.45		
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	23.52	23.62	23.72	23.59	23.53	25	0
5	QPSK	1	12	23.46	23.59	23.64	23.42	23.40		
5	QPSK	1	24	23.48	23.53	23.54	23.53	23.48		
5	QPSK	12	0	22.52	22.54	22.67	22.60	22.55	24	1
5	QPSK	12	7	22.52	22.55	22.55	22.55	22.38		
5	QPSK	12	13	22.46	22.45	22.53	22.47	22.56		
5	QPSK	25	0	22.49	22.53	22.59	22.65	22.58		
5	16QAM	1	0	22.58	22.66	22.72	22.56	22.49	24	1
5	16QAM	1	12	22.46	22.46	22.59	22.41	22.54		
5	16QAM	1	24	22.40	22.44	22.53	22.46	22.49		
5	16QAM	12	0	21.51	21.52	21.67	21.77	21.46	23	2
5	16QAM	12	7	21.51	21.43	21.54	21.49	21.50		
5	16QAM	12	13	21.48	21.36	21.59	21.48	21.47		
5	16QAM	25	0	21.44	21.56	21.74	21.55	21.51		
5	64QAM	1	0	21.51	21.64	21.72	21.65	21.55	23	2
5	64QAM	1	12	21.43	21.52	21.57	21.43	21.54		
5	64QAM	1	24	21.41	21.38	21.62	21.45	21.46		
5	64QAM	12	0	20.53	20.51	20.62	20.64	20.53	22	3
5	64QAM	12	7	20.44	20.53	20.62	20.54	20.46		
5	64QAM	12	13	20.35	20.44	20.61	20.49	20.51		
5	64QAM	25	0	20.44	20.56	20.64	20.58	20.61		
5	256QAM	1	0	18.47	18.56	18.66	18.62	18.44	20	5
5	256QAM	1	12	18.55	18.49	18.53	18.54	18.43		
5	256QAM	1	24	18.41	18.36	18.43	18.42	18.53		
5	256QAM	12	0	18.52	18.62	18.60	18.58	18.63	20	5
5	256QAM	12	7	18.49	18.66	18.76	18.67	18.49		
5	256QAM	12	13	18.53	18.54	18.58	18.50	18.50		
5	256QAM	25	0	18.47	18.38	18.59	18.53	18.46		

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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	26.11	26.17	26.08	26.07	27	0
20	QPSK	1	49	25.93	25.99	26.10	25.99	25.95		
20	QPSK	1	99	25.94	26.02	26.09	26.03	25.94		
20	QPSK	50	0	25.08	25.06	25.18	25.05	25.03	26	1
20	QPSK	50	24	24.92	24.93	25.05	24.95	24.89		
20	QPSK	50	50	24.90	25.02	25.09	25.03	24.94		
20	QPSK	100	0	25.08	25.06	25.16	25.02	25.03		
20	16QAM	1	0	25.02	25.13	25.11	25.04	25.08	26	1
20	16QAM	1	49	24.98	24.97	25.06	25.01	24.94		
20	16QAM	1	99	24.96	24.99	25.12	25.02	24.97		
20	16QAM	50	0	24.06	24.06	24.18	23.99	24.06	25	2
20	16QAM	50	24	23.91	23.97	24.06	23.94	23.91		
20	16QAM	50	50	23.94	23.97	24.07	24.02	23.92		
20	16QAM	100	0	24.12	24.05	24.11	24.03	24.08		
20	64QAM	1	0	24.11	24.10	24.11	24.05	24.04	25	2
20	64QAM	1	49	23.98	23.98	24.14	24.05	23.97		
20	64QAM	1	99	23.92	23.99	24.13	23.99	23.92		
20	64QAM	50	0	23.10	23.03	23.24	23.02	23.02	24	3
20	64QAM	50	24	22.90	22.87	23.01	22.92	22.85		
20	64QAM	50	50	22.85	23.06	23.04	23.02	22.99		
20	64QAM	100	0	23.10	23.08	23.16	23.01	22.98		
20	256QAM	1	0	21.06	21.00	21.23	21.02	20.99	22	5
20	256QAM	1	49	20.96	20.92	21.09	20.93	20.84		
20	256QAM	1	99	20.88	21.05	21.07	21.05	20.93		
20	256QAM	50	0	21.08	21.05	21.11	21.04	21.02	22	5
20	256QAM	50	24	21.03	21.17	21.12	21.08	21.03		
20	256QAM	50	50	21.01	21.02	21.07	20.98	20.94		
20	256QAM	100	0	20.98	21.04	21.16	20.99	20.94		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	26.03	26.05	26.08	25.96	26.00	27	0
15	QPSK	1	37	25.84	25.93	26.08	25.88	25.84		
15	QPSK	1	74	25.80	25.94	25.96	25.95	25.87		
15	QPSK	36	0	24.99	25.01	25.14	24.97	24.97	26	1
15	QPSK	36	20	24.86	24.83	25.02	24.88	24.80		
15	QPSK	36	39	24.82	24.96	25.02	24.97	24.82		
15	QPSK	75	0	25.04	24.98	25.13	24.93	24.92		
15	16QAM	1	0	24.94	25.00	25.02	24.96	24.95	26	1
15	16QAM	1	37	24.91	24.91	24.99	24.87	24.85		
15	16QAM	1	74	24.84	24.87	25.09	24.92	24.90		
15	16QAM	36	0	23.95	23.94	24.05	23.93	24.04	25	2
15	16QAM	36	20	23.89	23.93	24.04	23.90	23.86		
15	16QAM	36	39	23.81	23.84	23.96	23.94	23.89		
15	16QAM	75	0	24.01	23.92	24.02	23.91	24.05		
15	64QAM	1	0	24.08	24.07	24.01	23.98	24.00	25	2
15	64QAM	1	37	23.86	23.91	24.09	24.00	23.89		
15	64QAM	1	74	23.87	23.96	24.08	23.94	23.88		
15	64QAM	36	0	23.05	23.00	23.20	22.95	22.92	24	3
15	64QAM	36	20	22.84	22.80	22.97	22.82	22.76		
15	64QAM	36	39	22.75	22.93	23.02	22.91	22.91		
15	64QAM	75	0	23.08	22.96	23.14	22.89	22.95		
15	256QAM	1	0	20.98	20.98	21.21	20.90	20.94	22	5
15	256QAM	1	37	20.88	20.88	20.97	20.88	20.75		
15	256QAM	1	74	20.85	21.02	20.97	20.92	20.85		
15	256QAM	36	0	20.99	20.97	21.01	20.92	20.94	22	5
15	256QAM	36	20	20.98	21.12	21.01	21.05	21.01		
15	256QAM	36	39	20.89	20.97	20.94	20.96	20.83		
15	256QAM	75	0	20.95	20.97	21.10	20.87	20.81		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	26.01	26.03	26.14	26.03	26.04	27	0
10	QPSK	1	25	25.81	25.90	26.01	25.88	25.88		
10	QPSK	1	49	25.89	25.97	26.00	25.90	25.81		
10	QPSK	25	0	25.03	24.93	25.05	24.99	24.94	26	1
10	QPSK	25	12	24.86	24.89	24.99	24.91	24.82		
10	QPSK	25	25	24.79	24.99	24.96	24.92	24.83		
10	QPSK	50	0	25.04	25.02	25.12	24.94	24.91		
10	16QAM	1	0	24.92	25.02	25.06	24.97	24.97	26	1
10	16QAM	1	25	24.89	24.88	25.04	24.94	24.91		
10	16QAM	1	49	24.90	24.91	25.03	24.91	24.86		
10	16QAM	25	0	23.95	24.02	24.09	23.90	23.93	25	2
10	16QAM	25	12	23.87	23.89	24.02	23.92	23.82		
10	16QAM	25	25	23.84	23.87	23.97	23.92	23.88		
10	16QAM	50	0	23.98	23.93	23.98	23.95	23.96		
10	64QAM	1	0	24.03	23.97	24.08	23.98	23.93	25	2
10	64QAM	1	25	23.85	23.88	24.01	24.01	23.92		
10	64QAM	1	49	23.79	23.91	24.10	23.92	23.88		
10	64QAM	25	0	22.99

Band 2 Ant 2 ECI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.88	18.89	18.83		
20	QPSK	1	49	18.71	18.68	18.67	20.2	0
20	QPSK	1	99	18.67	18.73	18.62		
20	QPSK	50	0	18.73	18.81	18.69		
20	QPSK	50	24	18.71	18.73	18.68	20.2	0
20	QPSK	50	50	18.71	18.80	18.79		
20	QPSK	100	0	18.69	18.80	18.74		
20	16QAM	1	0	18.76	18.80	18.75		
20	16QAM	1	49	18.58	18.75	18.68	20.2	0
20	16QAM	1	99	18.67	18.68	18.75		
20	16QAM	50	0	18.58	18.73	18.61		
20	16QAM	50	24	18.56	18.77	18.54	20.2	0
20	16QAM	50	50	18.65	18.74	18.70		
20	16QAM	100	0	18.61	18.77	18.76		
20	64QAM	1	0	18.75	18.73	18.72		
20	64QAM	1	49	18.62	18.75	18.65	20.2	0
20	64QAM	1	99	18.63	18.77	18.74		
20	64QAM	50	0	18.58	18.82	18.65		
20	64QAM	50	24	18.61	18.76	18.62	20.2	0
20	64QAM	50	50	18.65	18.71	18.73		
20	64QAM	100	0	18.68	18.73	18.70		
20	256QAM	1	0	17.73	17.69	17.60		
20	256QAM	1	49	17.51	17.52	17.37	19	1.2
20	256QAM	1	99	17.57	17.58	17.61		
20	256QAM	50	0	17.48	17.58	17.52		
20	256QAM	50	24	17.50	17.60	17.60	19	1.2
20	256QAM	50	50	17.49	17.60	17.54		
20	256QAM	100	0	17.50	17.63	17.57		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.79	18.77	18.83		
15	QPSK	1	37	18.63	18.67	18.61	20.2	0
15	QPSK	1	74	18.61	18.70	18.82		
15	QPSK	36	0	18.71	18.72	18.65		
15	QPSK	36	20	18.63	18.69	18.63	20.2	0
15	QPSK	36	39	18.61	18.72	18.78		
15	QPSK	75	0	18.61	18.76	18.65		
15	16QAM	1	0	18.68	18.70	18.70		
15	16QAM	1	37	18.47	18.73	18.61	20.2	0
15	16QAM	1	74	18.60	18.63	18.73		
15	16QAM	36	0	18.53	18.69	18.51		
15	16QAM	36	20	18.49	18.71	18.46	20.2	0
15	16QAM	36	39	18.60	18.69	18.67		
15	16QAM	75	0	18.53	18.69	18.75		
15	64QAM	1	0	18.67	18.63	18.69		
15	64QAM	1	37	18.62	18.69	18.56	20.2	0
15	64QAM	1	74	18.63	18.69	18.65		
15	64QAM	36	0	18.46	18.73	18.59		
15	64QAM	36	20	18.60	18.68	18.62	20.2	0
15	64QAM	36	39	18.58	18.63	18.63		
15	64QAM	75	0	18.59	18.69	18.63		
15	256QAM	1	0	17.63	17.60	17.56		
15	256QAM	1	37	17.45	17.41	17.34	19	1.2
15	256QAM	1	74	17.50	17.56	17.50		
15	256QAM	36	0	17.38	17.48	17.49		
15	256QAM	36	20	17.45	17.59	17.52	19	1.2
15	256QAM	36	39	17.43	17.54	17.47		
15	256QAM	75	0	17.44	17.62	17.48		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1858	1880	1905		
10	QPSK	1	0	18.85	18.77	18.74		
10	QPSK	1	25	18.66	18.63	18.64	20.2	0
10	QPSK	1	49	18.59	18.62	18.77		
10	QPSK	25	0	18.64	18.72	18.66		
10	QPSK	25	12	18.70	18.65	18.65	20.2	0
10	QPSK	25	25	18.70	18.73	18.71		
10	QPSK	50	0	18.60	18.79	18.67		
10	16QAM	1	0	18.65	18.80	18.66		
10	16QAM	1	25	18.54	18.74	18.68	20.2	0
10	16QAM	1	49	18.58	18.60	18.69		
10	16QAM	25	0	18.47	18.70	18.57		
10	16QAM	25	12	18.45	18.74	18.51	20.2	0
10	16QAM	25	25	18.64	18.66	18.59		
10	16QAM	50	0	18.61	18.74	18.70		
10	64QAM	1	0	18.73	18.62	18.62		
10	64QAM	1	25	18.57	18.71	18.58	20.2	0
10	64QAM	1	49	18.63	18.71	18.71		
10	64QAM	25	0	18.51	18.73	18.64		
10	64QAM	25	12	18.57	18.70	18.58	20.2	0
10	64QAM	25	25	18.64	18.66	18.63		
10	64QAM	50	0	18.65	18.63	18.64		
10	256QAM	1	0	17.71	17.60	17.51		
10	256QAM	1	25	17.45	17.49	17.29	19	1.2
10	256QAM	1	49	17.45	17.54	17.60		
10	256QAM	25	0	17.38	17.53	17.47		
10	256QAM	25	12	17.47	17.50	17.58	19	1.2
10	256QAM	25	25	17.42	17.52	17.48		
10	256QAM	50	0	17.41	17.61	17.49		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.80	18.86	18.72		
5	QPSK	1	12	18.65	18.61	18.59	20.2	0
5	QPSK	1	24	18.67	18.66	18.78		
5	QPSK	12	0	18.68	18.75	18.58		
5	QPSK	12	7	18.71	18.71	18.64	20.2	0
5	QPSK	12	13	18.67	18.73	18.72		
5	QPSK	25	0	18.63	18.75	18.72		
5	16QAM	1	0	18.66	18.79	18.70		
5	16QAM	1	12	18.59	18.71	18.62	20.2	0
5	16QAM	1	24	18.59	18.62	18.72		
5	16QAM	12	0	18.49	18.68	18.49		
5	16QAM	12	7	18.51	18.67	18.45	20.2	0
5	16QAM	12	13	18.60	18.72	18.63		
5	16QAM	25	0	18.50	18.73	18.76		
5	64QAM	1	0	18.70	18.69	18.63		
5	64QAM	1	12	18.52	18.67	18.58	20.2	0
5	64QAM	1	24	18.58	18.76	18.63		
5	64QAM	12	0	18.56	18.78	18.59		
5	64QAM	12	7	18.59	18.73	18.53	20.2	0
5	64QAM	12	13	18.61	18.68	18.63		
5	64QAM	25	0	18.66	18.68	18.58		
5	256QAM	1	0	17.72	17.69	17.60		
5	256QAM	1	12	17.41	17.44	17.33	19	1.2
5	256QAM	1	24	17.45	17.49	17.49		
5	256QAM	12	0	17.42	17.53	17.51		
5	256QAM	12	7	17.40	17.57	17.51	19	1.2
5	256QAM	12	13	17.45	17.53	17.47		
5	256QAM	25	0	17.39	17.58	17.45		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.80	18.87	18.73		
3	QPSK	1	8	18.61	18.61	18.62	20.2	0
3	QPSK	1	14	18.59	18.62	18.78		
3	QPSK	8	0	18.71	18.70	18.65		
3	QPSK	8	4	18.64	18.71	18.66	20.2	0
3	QPSK	8	7	18.66	18.71	18.75		
3	QPSK	15	0	18.58	18.72	18.72		
3	16QAM	1	0	18.68	18.76	18.70		
3	16QAM	1	8	18.50	18.68	18.60	20.2	0
3	16QAM	1	14	18.60	18.56	18.74		
3	16QAM	8	0	18.56	18.70	18.51		
3	16QAM	8	4	18.54	18.70	18.53	20.2	0
3	16QAM	8	7	18.56	18.62	18.67		
3	16QAM	15	0	18.54	18.72	18.71		
3	64QAM	1	0	18.66	18.72	18.65		
3	64QAM	1	8	18.54	18.69	18.57	20.2	0
3	64QAM	1	14	18.60	18.70	18.67		
3	64QAM	8	0	18.51	18.75	18.53		
3	64QAM	8	4	18.49	18.69	18.54	20.2	0
3	64QAM	8	7	18.63	18.62	18.62		
3	64QAM	15	0	18.62	18.68	18.68		
3	256QAM	1	0	17.72	17.68	17.50		
3	256QAM	1	8	17.50	17.47	17.37	19	1.2
3	256QAM	1	14	17.54	17.53	17.52		
3	256QAM	8	0	17.45	17.52	17.51		
3	256QAM	8	4	17.40	17.52	17.56	19	1.2
3	256QAM	8	7	17.43	17.49	17.43		
3	256QAM	15	0	17.40	17.61	17.47		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.79	18.84	18.80		
1.4	QPSK	1	3	18.62	18.56	18.62		
1.4	QPSK	1	5	18.59	18.60	18.76	20.2	0
1.4	QPSK	3	0	18.64	18.71	18.65		
1.4	QPSK	3	1	18.63	18.65	18.64		
1.4	QPSK	3	3	18.64	18.74	18.69		
1.4	QPSK	6	0	18.69	18.74	18.72	20.2	0
1.4	16QAM	1	0	18.68	18.76	18.71		
1.4	16QAM	1	3	18.53	18.64	18.64		
1.4	16QAM	1	5	18.61	18.67	18.71	20.2	0
1.4	16QAM	3	0	18.54	18.66	18.55		
1.4	16QAM	3	1	18.51	18.69	18.46		
1.4	16QAM	3	3	18.54	18.66	18.59		
1.4	16QAM	6	0	18.53	18.72	18.76	20.2	0
1.4	64QAM	1	0	18.73	18.66	18.64		
1.4	64QAM	1	3	18.51	18.75	18.54	20.2	0
1.4	64QAM	1	5	18.59	18.65	18.64		
1.4	64QAM	3	0	18.49	18.75	18.62		
1.4	64QAM	3	1	18.59	18.65	18.59		
1.4	64QAM	3	3	18.59	18.60	18.66		
1.4	64QAM	6	0	18.56	18.71	18.65	20.2	0
1.4	256QAM	1	0	17.69	17.64	17.55		
1.4	256QAM	1	3	17.45	17.41	17.29		
1.4	256QAM	1	5	17.53	17.48	17.57	19	1.2
1.4	256QAM	3	0	17.46	17.56	17.41		
1.4	256QAM	3	1	17.40	17.59	17.49		
1.4	256QAM	3	3	17.37	17.53	17.42		
1.4	256QAM	6	0	17.42	17.62	17.49	19	1.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.62	18.73	18.69		
20	QPSK	1	49	18.58	18.68	18.56	19.7	0
20	QPSK	1	99	18.58	18.65	18.57		
20	QPSK	50	0	18.53	18.65	18.52		
20	QPSK	50	24	18.56	18.57	18.54	19.7	0
20	QPSK	50	50	18.62	18.62	18.51		
20	QPSK	100	0	18.58	18.66	18.55		
20	16QAM	1	0	18.68	18.59	18.62		
20	16QAM	1	49	18.56	18.65	18.48	19.7	0
20	16QAM	1	99	18.43	18.60	18.50		
20	16QAM	50	0	18.50	18.62	18.47		
20	16QAM	50	24	18.59	18.42	18.43	19.7	0
20	16QAM	50	50	18.56	18.55	18.58		
20	16QAM	100	0	18.64	18.61	18.54		
20	64QAM	1	0	18.52	18.59	18.57		
20	64QAM	1	49	18.55	18.60	18.49	19.7	0
20	64QAM	1	99	18.49	18.60	18.48		
20	64QAM	50	0	18.49	18.60	18.52		
20	64QAM	50	24	18.49	18.53	18.49	19.7	0
20	64QAM	50	50	18.62	18.48	18.57		
20	64QAM	100	0	18.57	18.54	18.47		
20	256QAM	1	0	17.94	17.97	17.88		
20	256QAM	1	49	17.91	17.92	17.80	19	0.7
20	256QAM	1	99	17.94	18.01	17.89		
20	256QAM	50	0	17.85	17.94	17.90		
20	256QAM	50	24	17.96	17.81	17.94	19	0.7
20	256QAM	50	50	17.91	17.92	17.96		
20	256QAM	100	0	17.91	17.83	17.80		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.58	18.70	18.63		
15	QPSK	1	37	18.49	18.59	18.50	19.7	0
15	QPSK	1	74	18.50	18.62	18.49		
15	QPSK	36	0	18.45	18.57	18.48		
15	QPSK	36	20	18.53	18.47	18.43	19.7	0
15	QPSK	36	39	18.55	18.51	18.48		
15	QPSK	75	0	18.44	18.58	18.45		
15	16QAM	1	0	18.60	18.56	18.60		
15	16QAM	1	37	18.54	18.63	18.36	19.7	0
15	16QAM	1	74	18.38	18.53	18.48		
15	16QAM	36	0	18.44	18.49	18.36		
15	16QAM	36	20	18.56	18.40	18.37	19.7	0
15	16QAM	36	39	18.49	18.51	18.50		
15	16QAM	75	0	18.56	18.49	18.45		
15	64QAM	1	0	18.41	18.50	18.46		
15	64QAM	1	37	18.49	18.50	18.43	19.7	0
15	64QAM	1	74	18.38	18.53	18.39		
15	64QAM	36	0	18.45	18.54	18.45		
15	64QAM	36	20	18.36	18.45	18.39	19.7	0
15	64QAM	36	39	18.52	18.44	18.51		
15	64QAM	75	0	18.44	18.50	18.44		
15	256QAM	1	0	17.92	17.83	17.83		
15	256QAM	1	37	17.90	17.88	17.72	19	0.7
15	256QAM	1	74	17.92	17.90	17.75		
15	256QAM	36	0	17.81	17.84	17.84		
15	256QAM	36	20	17.89	17.72	17.86	19	0.7
15	256QAM	36	39	17.78	17.78	17.83		
15	256QAM	75	0	17.86	17.72	17.70		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.54	18.60	18.58		
10	QPSK	1	25	18.52	18.62	18.50	19.7	0
10	QPSK	1	49	18.46	18.51	18.49		
10	QPSK	25	0	18.48	18.51	18.39		
10	QPSK	25	12	18.49	18.44	18.47	19.7	0
10	QPSK	25	25	18.52	18.51	18.47		
10	QPSK	50	0	18.49	18.65	18.50		
10	16QAM	1	0	18.58	18.50	18.55		
10	16QAM	1	25	18.53	18.60	18.36	19.7	0
10	16QAM	1	49	18.30	18.51	18.37		
10	16QAM	25	0	18.44	18.60	18.45		
10	16QAM	25	12	18.46	18.40	18.34	19.7	0
10	16QAM	25	25	18.45	18.46	18.53		
10	16QAM	50	0	18.57	18.56	18.41		
10	64QAM	1	0	18.45	18.46	18.51		
10	64QAM	1	25	18.52	18.48	18.46	19.7	0
10	64QAM	1	49	18.45	18.46	18.39		
10	64QAM	25	0	18.37	18.51	18.46		
10	64QAM	25	12	18.40	18.42	18.36	19.7	0
10	64QAM	25	25	18.51	18.44	18.45		
10	64QAM	50	0	18.47	18.49	18.35		
10	256QAM	1	0	17.86	17.87	17.76		
10	256QAM	1	25	17.83	17.79	17.71	19	0.7
10	256QAM	1	49	17.82	17.88	17.85		
10	256QAM	25	0	17.81	17.86	17.81		
10	256QAM	25	12	17.93	17.75	17.92	19	0.7
10	256QAM	25	25	17.85	17.85	17.93		
10	256QAM	50	0	17.83	17.76	17.67		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.55	18.71	18.57		
5	QPSK	1	12	18.50	18.57	18.49	19.7	0
5	QPSK	1	24	18.52	18.54	18.49		
5	QPSK	12	0	18.44	18.54	18.41		
5	QPSK	12	7	18.53	18.50	18.50	19.7	0
5	QPSK	12	13	18.53	18.60	18.41		
5	QPSK	25	0	18.50	18.60	18.48		
5	16QAM	1	0	18.64	18.56	18.56		
5	16QAM	1	12	18.49	18.57	18.36	19.7	0
5	16QAM	1	24	18.31	18.51	18.42		
5	16QAM	12	0	18.37	18.51	18.42		
5	16QAM	12	7	18.55	18.34	18.40	19.7	0
5	16QAM	12	13	18.48	18.45	18.46		
5	16QAM	25	0	18.50	18.51	18.49		
5	64QAM	1	0	18.43	18.57	18.51		
5	64QAM	1	12	18.46	18.47	18.41	19.7	0
5	64QAM	1	24	18.44	18.46	18.41		
5	64QAM	12	0	18.39	18.51	18.49		
5	64QAM	12	7	18.41	18.43	18.39	19.7	0
5	64QAM	12	13	18.52	18.41	18.55		
5	64QAM	25	0	18.48	18.44	18.38		
5	256QAM	1	0	17.84	17.94	17.79		
5	256QAM	1	12	17.85	17.88	17.68	19	0.7
5	256QAM	1	24	17.86	17.98	17.78		
5	256QAM	12	0	17.71	17.85	17.79		
5	256QAM	12	7	17.91	17.68	17.91	19	0.7
5	256QAM	12	13	17.86	17.81	17.90		
5	256QAM	25	0	17.78	17.80	17.74		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.50	18.62	18.57		
3	QPSK	1	8	18.49	18.58	18.47	19.7	0
3	QPSK	1	14	18.50	18.52	18.55		
3	QPSK	8	0	18.51	18.62	18.39		
3	QPSK	8	4	18.46	18.47	18.46	19.7	0
3	QPSK	8	7	18.53	18.51	18.39		
3	QPSK	15	0	18.53	18.63	18.42		
3	16QAM	1	0	18.55	18.46	18.56		
3	16QAM	1	8	18.46	18.54	18.37	19.7	0
3	16QAM	1	14	18.38	18.56	18.39		
3	16QAM	8	0	18.40	18.50	18.35		
3	16QAM	8	4	18.50	18.34	18.37	19.7	0
3	16QAM	8	7	18.43	18.43	18.53		
3	16QAM	15	0	18.59	18.54	18.48		
3	64QAM	1	0	18.47	18.52	18.51		
3	64QAM	1	8	18.41	18.56	18.36	19.7	0
3	64QAM	1	14	18.47	18.49	18.45		
3	64QAM	8	0	18.42	18.48	18.40		
3	64QAM	8	4	18.43	18.44	18.40	19.7	0
3	64QAM	8	7	18.54	18.44	18.46		
3	64QAM	15	0	18.44	18.46	18.37		
3	256QAM	1	0	17.91	17.85	17.79		
3	256QAM	1	8	17.84	17.85	17.68	19	0.7
3	256QAM	1	14	17.83	17.99	17.80		
3	256QAM	8	0	17.82	17.82	17.81		
3	256QAM	8	4	17.92	17.71	17.82	19	0.7
3	256QAM	8	7	17.82	17.89	17.87		
3	256QAM	15	0	17.81	17.76	17.78		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.54	18.64	18.59		
1.4	QPSK	1	3	18.49	18.66	18.47		
1.4	QPSK	1	5	18.47	18.53	18.53	19.7	0
1.4	QPSK	3	0	18.50	18.61	18.48		
1.4	QPSK	3	1	18.53	18.45	18.52		
1.4	QPSK	3	3	18.54	18.52	18.38		
1.4	QPSK	6	0	18.47	18.65	18.47	19.7	0
1.4	16QAM	1	0	18.64	18.53	18.58		
1.4	16QAM	1	3	18.49	18.61	18.37		
1.4	16QAM	1	5	18.41	18.50	18.44	19.7	0
1.4	16QAM	3	0	18.47	18.59	18.39		
1.4	16QAM	3	1	18.49	18.30	18.37		
1.4	16QAM	3	3	18.45	18.43	18.48		
1.4	16QAM	6	0	18.51	18.50	18.46	19.7	0
1.4	64QAM	1	0	18.46	18.49	18.52		
1.4	64QAM	1	3	18.50	18.56	18.41		
1.4	64QAM	1	5	18.42	18.53	18.45	19.7	0
1.4	64QAM	3	0	18.39	18.52	18.39		
1.4	64QAM	3	1	18.36	18.40	18.38		
1.4	64QAM	3	3	18.51	18.36	18.50		
1.4	64QAM	6	0	18.47	18.45	18.33	19.7	0
1.4	256QAM	1	0	17.90	17.92	17.77		
1.4	256QAM	1	3	17.87	17.87	17.69		
1.4	256QAM	1	5	17.87	17.94	17.82	19	0.7
1.4	256QAM	3	0	17.73	17.86	17.77		
1.4	256QAM	3	1	17.87	17.69	17.86		
1.4	256QAM	3	3	17.80	17.83	17.86		
1.4	256QAM	6	0	17.88	17.76	17.68	19	0.7

Band 7 Ant 2 ECI 6

BW [MHz]	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	20.10	20.12	20.08		
20	QPSK	1	49	20.02	20.08	20.05	21.2	0
20	QPSK	1	99	20.01	20.07	20.04		
20	QPSK	50	0	20.06	20.10	19.98		
20	QPSK	50	24	20.04	20.08	19.97	21.2	0
20	QPSK	50	50	20.02	20.03	20.03		
20	QPSK	100	0	20.07	20.06	19.95		
20	16QAM	1	0	20.06	19.98	19.96		
20	16QAM	1	49	19.91	20.05	19.91	21.2	0
20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1880	1880	1905		
20	QPSK	1	0	18.88	18.90	18.85	20.2	0
20	QPSK	1	49	18.78	18.80	18.75		
20	QPSK	1	99	18.78	18.82	18.85		
20	QPSK	50	0	18.78	18.88	18.74		
20	QPSK	50	24	18.77	18.85	18.77		
20	QPSK	50	50	18.81	18.87	18.81		
20	QPSK	100	0	18.76	18.85	18.83		
20	16QAM	1	0	18.79	18.83	18.80		
20	16QAM	1	49	18.69	18.75	18.71		
20	16QAM	1	99	18.73	18.74	18.80		
20	16QAM	50	0	18.66	18.76	18.68		
20	16QAM	50	24	18.65	18.85	18.66		
20	16QAM	50	50	18.76	18.83	18.78		
20	16QAM	100	0	18.70	18.80	18.78		
20	64QAM	1	0	18.82	18.80	18.79		
20	64QAM	1	49	18.67	18.75	18.69		
20	64QAM	1	99	18.73	18.78	18.76		
20	64QAM	50	0	18.68	18.87	18.68		
20	64QAM	50	24	18.66	18.80	18.69		
20	64QAM	50	50	18.76	18.81	18.77		
20	64QAM	100	0	18.71	18.75	18.81		
20	256QAM	1	0	17.74	17.73	17.71		
20	256QAM	1	49	17.61	17.61	17.49		
20	256QAM	1	99	17.61	17.66	17.62		
20	256QAM	50	0	17.59	17.67	17.53		
20	256QAM	50	24	17.55	17.65	17.62		
20	256QAM	50	50	17.59	17.63	17.63		
20	256QAM	100	0	17.54	17.65	17.64		
Channel				26115	26340	26615		
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.86	18.88	18.83	20.2	0
15	QPSK	1	37	18.71	18.69	18.70		
15	QPSK	1	74	18.73	18.70	18.82		
15	QPSK	36	0	18.77	18.79	18.69		
15	QPSK	36	20	18.73	18.78	18.69		
15	QPSK	36	39	18.69	18.78	18.73		
15	QPSK	75	0	18.71	18.80	18.75		
15	16QAM	1	0	18.73	18.74	18.77	20.2	0
15	16QAM	1	37	18.59	18.66	18.66		
15	16QAM	1	74	18.72	18.64	18.74		
15	16QAM	36	0	18.60	18.68	18.66		
15	16QAM	36	20	18.61	18.79	18.54		
15	16QAM	36	39	18.75	18.76	18.71		
15	16QAM	75	0	18.67	18.77	18.77		
15	64QAM	1	0	18.81	18.76	18.77	20.2	0
15	64QAM	1	37	18.63	18.70	18.64		
15	64QAM	1	74	18.65	18.70	18.69		
15	64QAM	36	0	18.63	18.81	18.58	20.2	0
15	64QAM	36	20	18.63	18.78	18.58		
15	64QAM	36	39	18.71	18.74	18.71		
15	64QAM	75	0	18.64	18.74	18.75		
15	256QAM	1	0	17.71	17.65	17.60	19	1.2
15	256QAM	1	37	17.51	17.50	17.46		
15	256QAM	1	74	17.56	17.58	17.59		
15	256QAM	36	0	17.51	17.56	17.44	19	1.2
15	256QAM	36	20	17.49	17.63	17.60		
15	256QAM	36	39	17.55	17.62	17.59		
15	256QAM	75	0	17.54	17.59	17.54		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.79	18.82	18.85	20.2	0
10	QPSK	1	25	18.76	18.69	18.70		
10	QPSK	1	49	18.67	18.80	18.77		
10	QPSK	25	0	18.69	18.81	18.64	20.2	0
10	QPSK	25	12	18.75	18.75	18.73		
10	QPSK	25	25	18.71	18.78	18.78		
10	QPSK	50	0	18.65	18.80	18.74		
10	16QAM	1	0	18.72	18.82	18.79	20.2	0
10	16QAM	1	25	18.58	18.71	18.71		
10	16QAM	1	49	18.71	18.65	18.72		
10	16QAM	25	0	18.62	18.75	18.58	20.2	0
10	16QAM	25	12	18.57	18.85	18.64		
10	16QAM	25	25	18.66	18.81	18.70		
10	16QAM	50	0	18.65	18.76	18.70		
10	64QAM	1	0	18.80	18.71	18.69	20.2	0
10	64QAM	1	25	18.56	18.71	18.62		
10	64QAM	1	49	18.69	18.75	18.64		
10	64QAM	25	0	18.65	18.83	18.56	20.2	0
10	64QAM	25	12	18.59	18.69	18.60		
10	64QAM	25	25	18.71	18.73	18.69		
10	64QAM	50	0	18.60	18.73	18.79		
10	256QAM	1	0	17.63	17.68	17.61	19	1.2
10	256QAM	1	25	17.55	17.51	17.38		
10	256QAM	1	49	17.51	17.58	17.58		
10	256QAM	25	0	17.56	17.64	17.48	19	1.2
10	256QAM	25	12	17.54	17.59	17.53		
10	256QAM	25	25	17.57	17.55	17.59		
10	256QAM	50	0	17.46	17.60	17.58		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.81	18.84	18.79	20.2	0
5	QPSK	1	12	18.76	18.76	18.66		
5	QPSK	1	24	18.75	18.81	18.80		
5	QPSK	12	0	18.75	18.79	18.71	20.2	0
5	QPSK	12	7	18.74	18.83	18.68		
5	QPSK	12	13	18.80	18.84	18.73		
5	QPSK	25	0	18.72	18.83	18.78		
5	16QAM	1	0	18.73	18.75	18.75	20.2	0
5	16QAM	1	12	18.64	18.64	18.60		
5	16QAM	1	24	18.70	18.72	18.78		
5	16QAM	12	0	18.62	18.76	18.62	20.2	0
5	16QAM	12	7	18.60	18.79	18.57		
5	16QAM	12	13	18.70	18.76	18.76		
5	16QAM	25	0	18.59	18.80	18.78		
5	64QAM	1	0	18.79	18.73	18.76	20.2	0
5	64QAM	1	12	18.61	18.63	18.64		
5	64QAM	1	24	18.71	18.78	18.73		
5	64QAM	12	0	18.60	18.79	18.61	20.2	0
5	64QAM	12	7	18.58	18.78	18.68		
5	64QAM	12	13	18.71	18.70	18.75		
5	64QAM	25	0	18.60	18.65	18.70		
5	256QAM	1	0	17.73	17.62	17.67	19	1.2
5	256QAM	1	12	17.52	17.58	17.38		
5	256QAM	1	24	17.55	17.57	17.61		
5	256QAM	12	0	17.47	17.60	17.48	19	1.2
5	256QAM	12	7	17.53	17.54	17.56		
5	256QAM	12	13	17.52	17.57	17.54		
5	256QAM	25	0	17.50	17.58	17.64		
Channel				26015	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.82	18.88	18.77	20.2	0
3	QPSK	1	8	18.74	18.76	18.67		
3	QPSK	1	14	18.69	18.76	18.74		
3	QPSK	8	0	18.66	18.88	18.73	20.2	0
3	QPSK	8	4	18.69	18.80	18.68		
3	QPSK	8	7	18.78	18.77	18.71		
3	QPSK	15	0	18.69	18.81	18.80		
3	16QAM	1	0	18.78	18.75	18.75	20.2	0
3	16QAM	1	8	18.68	18.70	18.60		
3	16QAM	1	14	18.64	18.69	18.69		
3	16QAM	8	0	18.60	18.76	18.61	20.2	0
3	16QAM	8	4	18.56	18.74	18.63		
3	16QAM	8	7	18.75	18.78	18.78		
3	16QAM	15	0	18.67	18.74	18.78		
3	64QAM	1	0	18.79	18.78	18.78	20.2	0
3	64QAM	1	8	18.58	18.70	18.60		
3	64QAM	1	14	18.71	18.69	18.64		
3	64QAM	8	0	18.60	18.76	18.59	20.2	0
3	64QAM	8	4	18.57	18.74	18.68		
3	64QAM	8	7	18.66	18.73	18.73		
3	64QAM	15	0	18.67	18.64	18.71		
3	256QAM	1	0	17.73	17.64	17.59	19	1.2
3	256QAM	1	8	17.52	17.54	17.41		
3	256QAM	1	14	17.57	17.63	17.62		
3	256QAM	8	0	17.57	17.66	17.42	19	1.2
3	256QAM	8	4	17.53	17.53	17.58		
3	256QAM	8	7	17.56	17.57	17.62		
3	256QAM	15	0	17.43	17.53	17.55		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.87	18.81	18.75	20.2	0
1.4	QPSK	1	3	18.68	18.76	18.74		
1.4	QPSK	1	5	18.71	18.74	18.83		
1.4	QPSK	3	0	18.72	18.83	18.65		
1.4	QPSK	3	1	18.65	18.81	18.68		
1.4	QPSK	3	3	18.75	18.86	18.77		
1.4	QPSK	6	0	18.67	18.80	18.79	20.2	0
1.4	16QAM	1	0	18.68	18.83	18.72	20.2	0
1.4	16QAM	1	3	18.64	18.67	18.70		
1.4	16QAM	1	5	18.65	18.71	18.77		
1.4	16QAM	3	0	18.57	18.75	18.63		
1.4	16QAM	3	1	18.59	18.85	18.55		
1.4	16QAM	3	3	18.65	18.73	18.72		
1.4	16QAM	6	0	18.65	18.80	18.71	20.2	0
1.4	64QAM	1	0	18.70	18.76	18.78	20.2	0
1.4	64QAM	1	3	18.57	18.71	18.65		
1.4	64QAM	1	5	18.62	18.70	18.69		
1.4	64QAM	3	0	18.57	18.79	18.57		
1.4	64QAM	3	1	18.61	18.76	18.62		
1.4	64QAM	3	3	18.73	18.81	18.66		
1.4	64QAM	6	0	18.66	18.70	18.70	20.2	0
1.4	256QAM	1	0	17.65	17.69	17.66	19	1.2
1.4	256QAM	1	3	17.57	17.61	17.37		
1.4	256QAM	1	5	17.60	17.59	17.57		
1.4	256QAM	3	0	17.55	17.58	17.44		
1.4	256QAM	3	1	17.46	17.56	17.52		
1.4	256QAM	3	3	17.52	17.62	17.56		
1.4	256QAM	6	0	17.51	17.63	17.61	19	1.2

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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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		19.95		21.1	0
10	QPSK	1	25		19.90			
10	QPSK	1	49		19.88			
10	QPSK	25	0		19.93		21.1	0
10	QPSK	25	12		19.84			
10	QPSK	25	25		19.74			
10	QPSK	50	0		19.87			
10	16QAM	1	0		19.85		21.1	0
10	16QAM	1	25		19.76			
10	16QAM	1	49		19.75			
10	16QAM	25	0		19.85		21.1	0
10	16QAM	25	12		19.79			
10	16QAM	25	25		19.70			
10	16QAM	50	0		19.80			
10	64QAM	1	0		19.82		21.1	0
10	64QAM	1	25		19.80			
10	64QAM	1	49		19.81			
10	64QAM	25	0		19.80		21	0.1
10	64QAM	25	12		19.75			
10	64QAM	25	25		19.72			
10	64QAM	50	0		19.74			
10	256QAM	1	0		17.89		19	2.1
10	256QAM	1	25		17.79			
10	256QAM	1	49		17.79			
10	256QAM	25	0		17.78		19	2.1
10	256QAM	25	12		17.76			
10	256QAM	25	25		17.64			
10	256QAM	50	0		17.80			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	19.84	19.87	19.85	21.1	0
5	QPSK	1	12	19.86	19.79	19.84		
5	QPSK	1	24	19.78	19.80	19.78		
5	QPSK	12	0	19.89	19.84	19.86	21.1	0
5	QPSK	12	7	19.73	19.73	19.70		
5	QPSK	12	13	19.67	19.62	19.61		
5	QPSK	25	0	19.78	19.81	19.79		
5	16QAM	1	0	19.80	19.79	19.75	21.1	0
5	16QAM	1	12	19.71	19.68	19.70		
5	16QAM	1	24	19.67	19.61	19.64		
5	16QAM	12	0	19.75	19.74	19.78	21.1	0
5	16QAM	12	7	19.73	19.65	19.75		
5	16QAM	12	13	19.60	19.65	19.60		
5	16QAM	25	0	19.75	19.73	19.74		
5	64QAM	1	0	19.69	19.77	19.75	21.1	0
5	64QAM	1	12	19.76	19.66	19.78		
5	64QAM	1	24	19.76	19.76	19.73		
5	64QAM	12	0	19.77	19.71	19.75	21	0.1
5	64QAM	12	7	19.67	19.66	19.70		
5	64QAM	12	13	19.67	19.61	19.59		
5	64QAM	25	0	19.61	19.66	19.71		
5	256QAM	1	0	17.79	17.81	17.77	19	2.1
5	256QAM	1	12	17.71	17.74	17.73		
5	256QAM	1	24	17.70	17.65	17.72		
5	256QAM	12	0	17.73	17.73	17.73	19	2.1
5	256QAM	12	7	17.64	17.62	17.65		
5	256QAM	12	13	17.61	17.59	17.53		
5	256QAM	25	0	17.72	17.66	17.69		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.75	18.78	18.73	19.7	0
20	QPSK	1	49	18.69	18.72	18.63		
20	QPSK	1	99	18.65	18.77	18.66		
20	QPSK	50	0	18.63	18.73	18.66		
20	QPSK	50	24	18.66	18.67	18.64		
20	QPSK	50	50	18.69	18.71	18.65		
20	QPSK	100	0	18.71	18.72	18.65		
20	16QAM	1	0	18.70	18.70	18.69		
20	16QAM	1	49	18.62	18.68	18.60		
20	16QAM	1	99	18.54	18.69	18.60		
20	16QAM	50	0	18.60	18.68	18.57		
20	16QAM	50	24	18.63	18.56	18.54		
20	16QAM	50	50	18.60	18.65	18.62		
20	16QAM	100	0	18.70	18.67	18.60		
20	64QAM	1	0	18.64	18.71	18.71		
20	64QAM	1	49	18.66	18.70	18.58		
20	64QAM	1	99	18.62	18.68	18.57		
20	64QAM	50	0	18.59	18.66	18.54		
20	64QAM	50	24	18.62	18.56	18.54		
20	64QAM	50	50	18.65	18.60	18.65		
20	64QAM	100	0	18.64	18.64	18.58		
20	256QAM	1	0	18.00	18.05	17.98		
20	256QAM	1	49	17.94	18.06	17.87		
20	256QAM	1	99	18.00	18.04	17.99		
20	256QAM	50	0	17.91	18.07	17.94		
20	256QAM	50	24	18.01	17.91	17.97		
20	256QAM	50	50	17.99	17.96	17.99		
20	256QAM	100	0	18.01	17.97	17.93		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.72	18.70	18.60	19.7	0
15	QPSK	1	37	18.61	18.69	18.58		
15	QPSK	1	74	18.51	18.72	18.53		
15	QPSK	36	0	18.57	18.66	18.53	19.7	0
15	QPSK	36	20	18.60	18.63	18.53		
15	QPSK	36	39	18.65	18.57	18.52		
15	QPSK	75	0	18.61	18.70	18.57		
15	16QAM	1	0	18.68	18.60	18.57	19.7	0
15	16QAM	1	37	18.55	18.56	18.47		
15	16QAM	1	74	18.51	18.57	18.56		
15	16QAM	36	0	18.50	18.61	18.53	19.7	0
15	16QAM	36	20	18.60	18.45	18.50		
15	16QAM	36	39	18.54	18.58	18.52		
15	16QAM	75	0	18.65	18.63	18.52		
15	64QAM	1	0	18.55	18.64	18.67	19.7	0
15	64QAM	1	37	18.57	18.66	18.49		
15	64QAM	1	74	18.50	18.58	18.49		
15	64QAM	36	0	18.53	18.60	18.44	19.7	0
15	64QAM	36	20	18.59	18.42	18.50		
15	64QAM	36	39	18.54	18.50	18.53		
15	64QAM	75	0	18.52	18.57	18.46		
15	256QAM	1	0	17.88	17.96	17.88	19	0.7
15	256QAM	1	37	17.87	17.97	17.81		
15	256QAM	1	74	17.96	17.95	17.92		
15	256QAM	36	0	17.82	18.00	17.87	19	0.7
15	256QAM	36	20	17.98	17.83	17.84		
15	256QAM	36	39	17.92	17.87	17.86		
15	256QAM	75	0	17.93	17.87	17.83		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.71	18.74	18.65	19.7	0
10	QPSK	1	25	18.59	18.62	18.60		
10	QPSK	1	49	18.55	18.74	18.53		
10	QPSK	25	0	18.50	18.63	18.60	19.7	0
10	QPSK	25	12	18.60	18.54	18.61		
10	QPSK	25	25	18.64	18.59	18.54		
10	QPSK	50	0	18.61	18.60	18.56		
10	16QAM	1	0	18.61	18.67	18.65	19.7	0
10	16QAM	1	25	18.50	18.66	18.49		
10	16QAM	1	49	18.44	18.58	18.56		
10	16QAM	25	0	18.49	18.60	18.44	19.7	0
10	16QAM	25	12	18.59	18.48	18.44		
10	16QAM	25	25	18.57	18.55	18.49		
10	16QAM	50	0	18.65	18.64	18.57		
10	64QAM	1	0	18.55	18.62	18.64	19.7	0
10	64QAM	1	25	18.62	18.62	18.47		
10	64QAM	1	49	18.58	18.58	18.52		
10	64QAM	25	0	18.46	18.61	18.51	19.7	0
10	64QAM	25	12	18.49	18.54	18.41		
10	64QAM	25	25	18.55	18.52	18.60		
10	64QAM	50	0	18.52	18.61	18.54		
10	256QAM	1	0	17.97	17.96	17.94	19	0.7
10	256QAM	1	25	17.80	17.96	17.76		
10	256QAM	1	49	17.93	17.92	17.95		
10	256QAM	25	0	17.81	18.00	17.89	19	0.7
10	256QAM	25	12	17.99	17.81	17.94		
10	256QAM	25	25	17.96	17.85	17.92		
10	256QAM	50	0	17.98	17.87	17.83		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.68	18.71	18.64	19.7	0
5	QPSK	1	12	18.60	18.59	18.49		
5	QPSK	1	24	18.60	18.75	18.58		
5	QPSK	12	0	18.50	18.64	18.55	19.7	0
5	QPSK	12	7	18.57	18.55	18.58		
5	QPSK	12	13	18.63	18.62	18.62		
5	QPSK	25	0	18.61	18.60	18.57		
5	16QAM	1	0	18.64	18.65	18.61	19.7	0
5	16QAM	1	12	18.59	18.63	18.47		
5	16QAM	1	24	18.51	18.64	18.49		
5	16QAM	12	0	18.58	18.64	18.48	19.7	0
5	16QAM	12	7	18.56	18.48	18.41		
5	16QAM	12	13	18.48	18.52	18.51		
5	16QAM	25	0	18.61	18.57	18.57		
5	64QAM	1	0	18.56	18.57	18.59	19.7	0
5	64QAM	1	12	18.58	18.57	18.49		
5	64QAM	1	24	18.54	18.66	18.54		
5	64QAM	12	0	18.46	18.53	18.51	19.7	0
5	64QAM	12	7	18.55	18.49	18.40		
5	64QAM	12	13	18.53	18.49	18.61		
5	64QAM	25	0	18.56	18.55	18.44		
5	256QAM	1	0	17.90	17.97	17.88	19	0.7
5	256QAM	1	12	17.89	18.03	17.78		
5	256QAM	1	24	17.97	18.01	17.86		
5	256QAM	12	0	17.85	17.97	17.82	19	0.7
5	256QAM	12	7	17.88	17.81	17.88		
5	256QAM	12	13	17.96	17.83	17.90		
5	256QAM	25	0	17.95	17.88	17.80		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.62	18.70	18.65	19.7	0
3	QPSK	1	8	18.61	18.67	18.56		
3	QPSK	1	14	18.59	18.73	18.61		
3	QPSK	8	0	18.56	18.62	18.63	19.7	0
3	QPSK	8	4	18.57	18.63	18.58		
3	QPSK	8	7	18.60	18.66	18.51		
3	QPSK	15	0	18.66	18.69	18.53		
3	16QAM	1	0	18.63	18.63	18.61	19.7	0
3	16QAM	1	8	18.55	18.66	18.52		
3	16QAM	1	14	18.41	18.67	18.51		
3	16QAM	8	0	18.47	18.61	18.44	19.7	0
3	16QAM	8	4	18.55	18.51	18.42		
3	16QAM	8	7	18.57	18.54	18.56		
3	16QAM	15	0	18.65	18.59	18.51		
3	64QAM	1	0	18.62	18.64	18.62	19.7	0
3	64QAM	1	8	18.55	18.57	18.54		
3	64QAM	1	14	18.52	18.57	18.52		
3	64QAM	8	0	18.49	18.60	18.43	19.7	0
3	64QAM	8	4	18.59	18.48	18.46		
3	64QAM	8	7	18.59	18.47	18.56		
3	64QAM	15	0	18.61	18.58	18.46		
3	256QAM	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.52	21.62	21.49	23	0
20	QPSK	1	49	21.48	21.40	21.45		
20	QPSK	1	99	21.45	21.40	21.35		
20	QPSK	50	0	21.50	21.56	21.37		
20	QPSK	50	24	21.53	21.46	21.48		
20	QPSK	50	50	21.45	21.45	21.41		
20	QPSK	100	0	21.43	21.47	21.37		
20	16QAM	1	0	21.41	21.50	21.31		
20	16QAM	1	49	21.42	21.36	21.41		
20	16QAM	1	99	21.41	21.32	21.29		
20	16QAM	50	0	21.39	21.45	21.25		
20	16QAM	50	24	21.42	21.41	21.31		
20	16QAM	50	50	21.29	21.48	21.33		
20	16QAM	100	0	21.47	21.45	21.24		
20	64QAM	1	0	21.53	21.43	21.51		
20	64QAM	1	49	21.28	21.40	21.40		
20	64QAM	1	99	21.35	21.33	21.27		
20	64QAM	50	0	20.50	20.57	20.41		
20	64QAM	50	24	20.35	20.45	20.47		
20	64QAM	50	50	20.58	20.40	20.42		
20	64QAM	100	0	20.54	20.59	20.30		
20	256QAM	1	0	18.59	18.56	18.49		
20	256QAM	1	49	18.37	18.56	18.45		
20	256QAM	1	99	18.42	18.50	18.44		
20	256QAM	50	0	18.38	18.60	18.42		
20	256QAM	50	24	18.54	18.44	18.53		
20	256QAM	50	50	18.51	18.50	18.44		
20	256QAM	100	0	18.41	18.38	18.34		
Channel				37825	38000	38175		
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.43	21.58	21.40		
15	QPSK	1	37	21.41	21.29	21.40		
15	QPSK	1	74	21.32	21.30	21.29		
15	QPSK	36	0	21.46	21.49	21.29		
15	QPSK	36	20	21.51	21.37	21.38		
15	QPSK	36	39	21.40	21.42	21.34		
15	QPSK	75	0	21.32	21.40	21.26		
15	16QAM	1	0	21.35	21.39	21.28		
15	16QAM	1	37	21.34	21.27	21.32		
15	16QAM	1	74	21.32	21.19	21.25		
15	16QAM	36	0	21.28	21.35	21.20		
15	16QAM	36	20	21.32	21.37	21.21		
15	16QAM	36	39	21.25	21.43	21.26		
15	16QAM	75	0	21.33	21.39	21.11		
15	64QAM	1	0	21.49	21.38	21.42		
15	64QAM	1	37	21.20	21.37	21.28		
15	64QAM	1	74	21.33	21.25	21.17		
15	64QAM	36	0	20.43	20.51	20.29		
15	64QAM	36	20	20.28	20.34	20.39		
15	64QAM	36	39	20.45	20.29	20.36		
15	64QAM	75	0	20.47	20.56	20.22		
15	256QAM	1	0	18.48	18.43	18.39		
15	256QAM	1	37	18.31	18.52	18.34		
15	256QAM	1	74	18.33	18.37	18.32		
15	256QAM	36	0	18.32	18.58	18.40		
15	256QAM	36	20	18.47	18.39	18.41		
15	256QAM	36	39	18.46	18.42	18.33		
15	256QAM	75	0	18.28	18.31	18.27		
Channel				37800	38000	38200		
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.38	21.53	21.42		
10	QPSK	1	25	21.39	21.30	21.40		
10	QPSK	1	49	21.35	21.36	21.32		
10	QPSK	25	0	21.44	21.51	21.31		
10	QPSK	25	12	21.48	21.39	21.44		
10	QPSK	25	25	21.32	21.36	21.34		
10	QPSK	50	0	21.36	21.39	21.29		
10	16QAM	1	0	21.35	21.47	21.20		
10	16QAM	1	25	21.38	21.25	21.38		
10	16QAM	1	49	21.34	21.19	21.24		
10	16QAM	25	0	21.28	21.33	21.17		
10	16QAM	25	12	21.28	21.37	21.26		
10	16QAM	25	25	21.25	21.40	21.26		
10	16QAM	50	0	21.34	21.41	21.12		
10	64QAM	1	0	21.47	21.33	21.38		
10	64QAM	1	25	21.22	21.28	21.35		
10	64QAM	1	49	21.29	21.25	21.19		
10	64QAM	25	0	20.41	20.55	20.32		
10	64QAM	25	12	20.25	20.43	20.42		
10	64QAM	25	25	20.53	20.34	20.31		
10	64QAM	50	0	20.48	20.56	20.19		
10	256QAM	1	0	18.50	18.43	18.42		
10	256QAM	1	25	18.34	18.51	18.32		
10	256QAM	1	49	18.33	18.38	18.35		
10	256QAM	25	0	18.31	18.47	18.33		
10	256QAM	25	12	18.47	18.30	18.41		
10	256QAM	25	25	18.48	18.47	18.32		
10	256QAM	50	0	18.36	18.36	18.23		
Channel				37775	38000	38225		
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.44	21.60	21.42		
5	QPSK	1	12	21.37	21.37	21.39		
5	QPSK	1	24	21.38	21.36	21.29		
5	QPSK	12	0	21.37	21.52	21.33		
5	QPSK	12	7	21.47	21.37	21.44		
5	QPSK	12	13	21.42	21.38	21.39		
5	QPSK	25	0	21.41	21.41	21.24		
5	16QAM	1	0	21.29	21.42	21.20		
5	16QAM	1	12	21.38	21.23	21.32		
5	16QAM	1	24	21.39	21.21	21.16		
5	16QAM	12	0	21.31	21.35	21.18		
5	16QAM	12	7	21.37	21.37	21.20		
5	16QAM	12	13	21.21	21.39	21.24		
5	16QAM	25	0	21.37	21.37	21.20		
5	64QAM	1	0	21.41	21.33	21.40		
5	64QAM	1	12	21.24	21.28	21.28		
5	64QAM	1	24	21.22	21.29	21.23		
5	64QAM	12	0	20.40	20.48	20.37		
5	64QAM	12	7	20.28	20.34	20.39		
5	64QAM	12	13	20.44	20.28	20.30		
5	64QAM	25	0	20.45	20.47	20.17		
5	256QAM	1	0	18.45	18.45	18.38		
5	256QAM	1	12	18.25	18.51	18.40		
5	256QAM	1	24	18.34	18.46	18.36		
5	256QAM	12	0	18.27	18.55	18.29		
5	256QAM	12	7	18.40	18.31	18.41		
5	256QAM	12	13	18.48	18.47	18.40		
5	256QAM	25	0	18.29	18.35	18.20		

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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	21.60	21.63	21.65	21.58	21.56	23	0
20	QPSK	1	49	21.54	21.51	21.52	21.52	21.46		
20	QPSK	1	99	21.46	21.55	21.53	21.45	21.49		
20	QPSK	50	0	21.46	21.53	21.62	21.47	21.53		
20	QPSK	50	24	21.50	21.61	21.57	21.52	21.45		
20	QPSK	50	50	21.48	21.51	21.57	21.49	21.45		
20	QPSK	100	0	21.53	21.54	21.57	21.49	21.53		
20	16QAM	1	0	21.48	21.50	21.56	21.44	21.51		
20	16QAM	1	49	21.42	21.45	21.46	21.49	21.43	23	0
20	16QAM	1	99	21.35	21.48	21.40	21.37	21.44		
20	16QAM	50	0	21.42	21.48	21.58	21.35	21.47		
20	16QAM	50	24	21.38	21.47	21.49	21.44	21.38	23	0
20	16QAM	50	50	21.38	21.39	21.51	21.43	21.39		
20	16QAM	100	0	21.40	21.51	21.48	21.37	21.50		
20	64QAM	1	0	21.49	21.60	21.52	21.54	21.44		
20	64QAM	1	49	21.48	21.42	21.43	21.47	21.40	23	0
20	64QAM	1	99	21.38	21.45	21.46	21.41	21.44		
20	64QAM	50	0	20.55	20.60	20.67	20.53	20.53		
20	64QAM	50	24	20.59	20.46	20.54	20.54	20.42	22	1
20	64QAM	50	50	20.51	20.60	20.49	20.51	20.45		
20	64QAM	100	0	20.41	20.57	20.66	20.43	20.49		
20	256QAM	1	0	18.59	18.67	18.67	18.60	18.58		
20	256QAM	1	49	18.57	18.48	18.58	18.58	18.45	20	3
20	256QAM	1	99	18.41	18.55	18.56	18.48	18.44		
20	256QAM	50	0	18.51	18.51	18.66	18.44	18.52		
20	256QAM	50	24	18.50	18.63	18.56	18.56	18.44	20	3
20	256QAM	50	50	18.50	18.54	18.57	18.49	18.47		
20	256QAM	100	0	18.53	18.54	18.52	18.47	18.48		
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	21.56	21.57	21.57	21.55	21.51	23	0
15	QPSK	1	37	21.43	21.41	21.45	21.40	21.34		
15	QPSK	1	74	21.34	21.49	21.44	21.40	21.45		
15	QPSK	36	0	21.40	21.41	21.48	21.43	21.48		
15	QPSK	36	20	21.42	21.49	21.49	21.50	21.35	23	0
15	QPSK	36	39	21.42	21.37	21.50	21.37	21.39		
15	QPSK	75	0	21.45	21.52	21.46	21.47	21.45		
15	16QAM	1	0	21.37	21.43	21.51	21.35	21.47		
15	16QAM	1	37	21.35	21.37	21.33	21.36	21.36	23	0
15	16QAM	1	74	21.24	21.41	21.36	21.32	21.38		
15	16QAM	36	0	21.28	21.40	21.45	21.31	21.42		
15	16QAM	36	20	21.34	21.43	21.41	21.40	21.34	23	0
15	16QAM	36	39	21.32	21.35	21.45	21.31	21.32		
15	16QAM	75	0	21.42	21.43	21.45	21.25	21.44		
15	64QAM	1	0	21.41	21.56	21.50	21.42	21.34		
15	64QAM	1	37	21.45	21.34	21.38	21.38	21.28	23	0
15	64QAM	1	74	21.35	21.31	21.32	21.32	21.39		
15	64QAM	36	0	20.47	20.49	20.56	20.49	20.44		
15	64QAM	36	20	20.52	20.39	20.40	20.46	20.30	22	1
15	64QAM	36	39	20.49	20.48	20.38	20.40	20.35		
15	64QAM	75	0	20.33	20.44	20.52	20.38	20.39		
15	256QAM	1	0	18.50	18.56	18.59	18.49	18.50		
15	256QAM	1	37	18.47	18.44	18.55	18.47	18.34	20	3
15	256QAM	1	74	18.32	18.45	18.47	18.39	18.37		
15	256QAM	36	0	18.39	18.42	18.60	18.33	18.44		
15	256QAM	36	20	18.36	18.50	18.48	18.46	18.37	20	3
15	256QAM	36	39	18.41	18.42	18.54	18.44	18.43		
15	256QAM	75	0	18.41	18.45	18.42	18.43	18.42		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.49	21.54	21.61	21.55	21.46	23	0
10	QPSK	1	25	21.51	21.41	21.47	21.44	21.40		
10	QPSK	1	49	21.42	21.43	21.47	21.38	21.45		
10	QPSK	25	0	21.34	21.43	21.59	21.34	21.46		
10	QPSK	25	12	21.46	21.52	21.45	21.45	21.36	23	0
10	QPSK	25	25	21.41	21.38	21.52	21.42	21.39		
10	QPSK	50	0	21.44	21.49	21.47	21.36	21.40		
10	16QAM	1	0	21.44	21.48	21.46	21.39	21.45		
10	16QAM	1	25	21.30	21.38	21.38	21.38	21.35	23	0
10	16QAM	1	49	21.23	21.38	21.27	21.34	21.35		
10	16QAM	25	0	21.31	21.46	21.51	21.27	21.36		
10	16QAM	25	12	21.25	21.43	21.42	21.37	21.34	23	0
10	16QAM	25	25	21.31	21.34	21.42	21.32	21.27		
10	16QAM	50	0	21.29	21.44	21.43	21.29	21.41		
10	64QAM	1	0	21.46	21.53	21.50	21.51	21.34		
10	64QAM	1	25	21.46	21.36	21.32	21.44	21.32	23	0
10	64QAM	1	49	21.33	21.39	21.36	21.34	21.41		
10	64QAM	25	0	20.47	20.49	20.57	20.43	20.46		
10	64QAM	25	12	20.47	20.43	20.46	20.43	20.35	22	1
10	64QAM	25	25	20.41	20.50	20.45	20.46	20.32		
10	64QAM	50	0	20.34	20.54	20.60	20.34	20.36		
10	256QAM	1	0	18.52	18.61	18.53	18.48	18.46		
10	256QAM	1	25	18.55	18.35	18.44	18.44	18.33	20	3
10	256QAM	1	49	18.36	18.45	18.48	18.39	18.39		
10	256QAM	25	0	18.39	18.48	18.55	18.30	18.48		
10	256QAM	25	12	18.39	18.55	18.45	18.54	18.33	20	3
10	256QAM	25	25	18.40	18.51	18.49	18.38	18.45		
10	256QAM	50	0	18.42	18.50	18.43	18.36	18.40		
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	21.52	21.57	21.52	21.51	21.44	23	0
5	QPSK	1	12	21.48	21.48	21.42	21.48	21.38		
5	QPSK	1	24	21.38	21.49	21.42	21.39	21.41		
5	QPSK	12	0	21.33	21.41	21.50	21.33	21.45		
5	QPSK	12	7	21.43	21.56	21.49	21.50	21.41	23	0
5	QPSK	12	13	21.38	21.41	21.53	21.44	21.34		
5	QPSK	25	0	21.44	21.45	21.45	21.43	21.45		
5	16QAM	1	0	21.34	21.46	21.52	21.38	21.39		
5	16QAM	1	12	21.38	21.40	21.36	21.37	21.40	23	0
5	16QAM	1	24	21.30	21.45	21.35	21.25	21.32		
5	16QAM	12	0	21.31	21.38	21.45	21.29	21.37		
5	16QAM	12	7	21.28	21.39	21.39	21.33	21.30	23	0
5	16QAM	12	13	21.26	21.32	21.39	21.33	21.31		
5	16QAM	25	0	21.34	21.47	21.35	21.28	21.36		
5	64QAM	1	0	21.45	21.47	21.43	21.45	21.41		
5	64QAM	1	12	21.37	21.35	21.29	21.42	21.37	23	0
5	64QAM	1	24	21.25	21.40	21.41	21.32	21.36		
5	64QAM	12	0	20.47	20.48	20.59	20.48	20.44		
5	64QAM	12	7	20.52	20.38	20.42	20.43	20.32	22	1
5	64QAM	12	13	20.43	20.56	20.45	20.44	20.42		
5	64QAM	25	0	20.27	20.43	20.56	20.30	20.36		
5	256QAM	1	0	18.55	18.55	18.64	18.55	18.50		
5	256QAM	1	12	18.45	18.45	18.49	18.49	18.33	20	3
5	256QAM	1	24	18.33	18.45	18.50	18.41	18.36		
5	256QAM	12	0	18.42	18.39	18.64	18.38	18.38		
5	256QAM	12	7	18.46	18.54	18.49	18.51	18.36	20	3
5	256QAM	12	13	18.46	18.42	18.55	18.36	18.43		
5	256QAM	25	0	18.42	18.44	18.48	18.40	18.37		

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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	23.98	23.95	24.00	23.94	23.93	24.6	0
20	QPSK	1	49	23.96	23.92	23.87	23.82	23.89		
20	QPSK	1	99	23.93	23.86	23.97	23.82	23.84		
20	QPSK	50	0	23.88	23.90	23.96	23.86	23.80		
20	QPSK	50	24	23.87	23.87	23.95	23.80	23.87		
20	QPSK	50	50	23.92	23.92	23.96	23.84	23.79		
20	QPSK	100	0	23.85	23.84	23.94	23.83	23.80		
20	16QAM	1	0	23.89	23.92	23.87	23.89	23.79		
20	16QAM	1	49	23.86	23.79	23.76	23.76	23.78		
20	16QAM	1	99	23.86	23.74	23.86	23.69	23.78		
20	16QAM	50	0	23.82	23.77	23.91	23.77	23.69		
20	16QAM	50	24	23.78	23.79	23.92	23.75	23.79		
20	16QAM	50	50	23.79	23.78	23.87	23.71	23.66		
20	16QAM	100	0	23.74	23.76	23.92	23.78	23.70		
20	64QAM	1	0	23.87	23.84	23.92	23.87	23.79		
20	64QAM	1	49	23.87	23.79	23.79	23.75	23.83		
20	64QAM	1	99	23.82	23.82	23.91	23.72	23.76		
20	64QAM	50	0	23.79	23.85	23.88	23.84	23.68		
20	64QAM	50	24	23.81	23.75	23.90	23.67	23.84		
20	64QAM	50	50	23.79	23.82	23.83	23.77	23.74		
20	64QAM	100	0	23.73	23.73	23.91	23.71	23.67		
20	256QAM	1	0	22.34	22.34	22.41	22.38	22.29		
20	256QAM	1	49	22.39	22.28	22.22	22.20	22.23	23	1.6
20	256QAM	1	99	22.27	22.22	22.31	22.18	22.29		
20	256QAM	50	0	22.28	22.32	22.35	22.21	22.20		
20	256QAM	50	24	22.31	22.32	22.39	22.21	22.32		
20	256QAM	50	50	22.31	22.32	22.40	22.29	22.19		
20	256QAM	100	0	22.27	22.26	22.38	22.19	22.23		
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	23.90	23.82	23.87	23.85	23.80	25	0
15	QPSK	1	37	23.92	23.83	23.75	23.77	23.84		
15	QPSK	1	74	23.86	23.72	23.83	23.78	23.80		
15	QPSK	36	0	23.77	23.84	23.90	23.76	23.66	24.6	0
15	QPSK	36	20	23.84	23.74	23.86	23.78	23.84		
15	QPSK	36	39	23.89	23.81	23.85	23.76	23.74		
15	QPSK	75	0	23.73	23.71	23.86	23.71	23.67		
15	16QAM	1	0	23.86	23.85	23.83	23.82	23.73		
15	16QAM	1	37	23.82	23.73	23.65	23.73	23.70	24.6	0
15	16QAM	1	74	23.75	23.71	23.78	23.57	23.65		
15	16QAM	36	0	23.76	23.65	23.81	23.64	23.59		
15	16QAM	36	20	23.65	23.66	23.81	23.65	23.72	24.6	0
15	16QAM	36	39	23.66	23.72	23.84	23.65	23.61		
15	16QAM	75	0	23.72	23.72	23.89	23.66	23.66		
15	64QAM	1	0	23.74	23.76	23.80	23.76	23.73		
15	64QAM	1	37	23.80	23.68	23.73	23.69	23.77	24.6	0
15	64QAM	1	74	23.68	23.78	23.85	23.60	23.67		
15	64QAM	36	0	23.70	23.78	23.77	23.76	23.63		
15	64QAM	36	20	23.68	23.63	23.83	23.61	23.81	24.6	0
15	64QAM	36	39	23.76	23.73	23.77	23.74	23.68		
15	64QAM	75	0	23.66	23.61	23.89	23.59	23.62		
15	256QAM	1	0	22.25	22.30	22.29	22.34	22.26		
15	256QAM	1	37	22.34	22.14	22.19	22.18	22.13	23	1.6
15	256QAM	1	74	22.18	22.11	22.24	22.08	22.22		
15	256QAM	36	0	22.14	22.22	22.21	22.12	22.18		
15	256QAM	36	20	22.23	22.25	22.36	22.08	22.21	23	1.6
15	256QAM	36	39	22.21	22.23	22.32	22.20	22.06		
15	256QAM	75	0	22.18	22.15	22.33	22.13	22.20		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.87	23.91	23.95	23.85	23.89	25	0
10	QPSK	1	25	23.91	23.86	23.82	23.68	23.82		
10	QPSK	1	49	23.87	23.73	23.92	23.71	23.79		
10	QPSK	25	0	23.76	23.81	23.95	23.79	23.78	24.6	0
10	QPSK	25	12	23.75	23.79	23.87	23.76	23.75		
10	QPSK	25	25	23.87	23.89	23.91	23.78	23.72		
10	QPSK	50	0	23.74	23.74	23.82	23.76	23.70		
10	16QAM	1	0	23.84	23.84	23.84	23.83	23.71		
10	16QAM	1	25	23.78	23.67	23.65	23.71	23.75	24.6	0
10	16QAM	1	49	23.77	23.64	23.74	23.60	23.64		
10	16QAM	25	0	23.69	23.70	23.79	23.75	23.58		
10	16QAM	25	12	23.68	23.70	23.87	23.67	23.66	24.6	0
10	16QAM	25	25	23.68	23.67	23.76	23.59	23.58		
10	16QAM	50	0	23.65	23.72	23.82	23.74	23.66		
10	64QAM	1	0	23.76	23.74	23.85	23.81	23.70		
10	64QAM	1	25	23.80	23.71	23.70	23.61	23.80	24.6	0
10	64QAM	1	49	23.79	23.74	23.84	23.64	23.65		
10	64QAM	25	0	23.77	23.80	23.83	23.75	23.55		
10	64QAM	25	12	23.77	23.61	23.86	23.58	23.72	24.6	0
10	64QAM	25	25	23.66	23.73	23.77	23.69	23.66		
10	64QAM	50	0	23.60	23.60	23.85	23.63	23.55		
10	256QAM	1	0	22.32	22.21	22.28	22.32	22.20	23	1.6
10	256QA

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BW [MHz]	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	20.69	20.73	20.68		
20	QPSK	1	49	20.54	20.55	20.56	21.8	0
20	QPSK	1	99	20.53	20.60	20.65		
20	QPSK	50	0	20.60	20.70	20.52		
20	QPSK	50	24	20.55	20.62	20.63	21.8	0
20	QPSK	50	50	20.63	20.57	20.66		
20	QPSK	100	0	20.59	20.60	20.56		
20	16QAM	1	0	20.55	20.52	20.62		
20	16QAM	1	49	20.51	20.43	20.55	21.8	0
20	16QAM	1	99	20.47	20.47	20.42		
20	16QAM	50	0	20.54	20.60	20.44		
20	16QAM	50	24	20.38	20.46	20.49	21.8	0
20	16QAM	50	50	20.53	20.59	20.58		
20	16QAM	100	0	20.55	20.53	20.64		
20	64QAM	1	0	20.59	20.64	20.53		
20	64QAM	1	49	20.48	20.50	20.43	21.8	0
20	64QAM	1	99	20.41	20.43	20.54		
20	64QAM	50	0	19.88	19.80	19.87		
20	64QAM	50	24	19.76	19.75	19.79	21	0.8
20	64QAM	50	50	19.67	19.82	19.81		
20	64QAM	100	0	19.85	19.80	19.87		
20	256QAM	1	0	17.91	17.89	17.82		
20	256QAM	1	49	17.73	17.82	17.71	19	2.8
20	256QAM	1	99	17.72	17.74	17.75		
20	256QAM	50	0	17.74	17.82	17.73		
20	256QAM	50	24	17.69	17.76	17.79	19	2.8
20	256QAM	50	50	17.72	17.76	17.83		
20	256QAM	100	0	17.82	17.84	17.78		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.66	20.63	20.58		
15	QPSK	1	37	20.47	20.43	20.43	21.8	0
15	QPSK	1	74	20.48	20.54	20.52		
15	QPSK	36	0	20.52	20.56	20.44		
15	QPSK	36	20	20.46	20.49	20.57	21.8	0
15	QPSK	36	39	20.59	20.46	20.53		
15	QPSK	75	0	20.55	20.49	20.48		
15	16QAM	1	0	20.48	20.45	20.57		
15	16QAM	1	37	20.48	20.31	20.50	21.8	0
15	16QAM	1	74	20.43	20.33	20.33		
15	16QAM	36	0	20.46	20.54	20.37		
15	16QAM	36	20	20.33	20.33	20.38	21.8	0
15	16QAM	36	39	20.45	20.51	20.48		
15	16QAM	75	0	20.41	20.40	20.59		
15	64QAM	1	0	20.50	20.52	20.44		
15	64QAM	1	37	20.39	20.44	20.29	21.8	0
15	64QAM	1	74	20.29	20.39	20.42		
15	64QAM	36	0	19.80	19.76	19.80		
15	64QAM	36	20	19.71	19.72	19.68	21	0.8
15	64QAM	36	39	19.59	19.77	19.74		
15	64QAM	75	0	19.77	19.69	19.64		
15	256QAM	1	0	17.84	17.79	17.71		
15	256QAM	1	37	17.65	17.75	17.62	19	2.8
15	256QAM	1	74	17.68	17.69	17.70		
15	256QAM	36	0	17.70	17.76	17.67		
15	256QAM	36	20	17.61	17.72	17.66	19	2.8
15	256QAM	36	39	17.66	17.69	17.70		
15	256QAM	75	0	17.74	17.77	17.66		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.56	20.68	20.55		
10	QPSK	1	25	20.51	20.46	20.46	21.8	0
10	QPSK	1	49	20.39	20.53	20.48		
10	QPSK	25	0	20.57	20.62	20.44		
10	QPSK	25	12	20.51	20.60	20.50	21.8	0
10	QPSK	25	25	20.61	20.46	20.59		
10	QPSK	50	0	20.48	20.57	20.45		
10	16QAM	1	0	20.45	20.46	20.54		
10	16QAM	1	25	20.40	20.35	20.49	21.8	0
10	16QAM	1	49	20.45	20.46	20.31		
10	16QAM	25	0	20.48	20.56	20.35		
10	16QAM	25	12	20.35	20.36	20.41	21.8	0
10	16QAM	25	25	20.43	20.54	20.48		
10	16QAM	50	0	20.48	20.43	20.62		
10	64QAM	1	0	20.52	20.61	20.45		
10	64QAM	1	25	20.42	20.36	20.38	21.8	0
10	64QAM	1	49	20.37	20.36	20.50		
10	64QAM	25	0	19.81	19.72	19.75		
10	64QAM	25	12	19.65	19.62	19.75	21	0.8
10	64QAM	25	25	19.53	19.78	19.70		
10	64QAM	50	0	19.83	19.77	19.59		
10	256QAM	1	0	17.86	17.75	17.70		
10	256QAM	1	25	17.67	17.73	17.62	19	2.8
10	256QAM	1	49	17.67	17.63	17.66		
10	256QAM	25	0	17.69	17.78	17.62		
10	256QAM	25	12	17.56	17.64	17.69	19	2.8
10	256QAM	25	25	17.60	17.62	17.70		
10	256QAM	50	0	17.77	17.79	17.73		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.61	20.63	20.66		
5	QPSK	1	12	20.45	20.43	20.51	21.8	0
5	QPSK	1	24	20.42	20.56	20.43		
5	QPSK	12	0	20.52	20.58	20.43		
5	QPSK	12	7	20.42	20.53	20.55	21.8	0
5	QPSK	12	13	20.50	20.54	20.53		
5	QPSK	25	0	20.52	20.51	20.51		
5	16QAM	1	0	20.44	20.43	20.56		
5	16QAM	1	12	20.42	20.31	20.41	21.8	0
5	16QAM	1	24	20.41	20.36	20.37		
5	16QAM	12	0	20.49	20.49	20.36		
5	16QAM	12	7	20.30	20.33	20.40	21.8	0
5	16QAM	12	13	20.47	20.51	20.48		
5	16QAM	25	0	20.42	20.49	20.59		
5	64QAM	1	0	20.56	20.55	20.51		
5	64QAM	1	12	20.35	20.41	20.40	21.8	0
5	64QAM	1	24	20.36	20.37	20.44		
5	64QAM	12	0	19.76	19.68	19.74		
5	64QAM	12	7	19.65	19.62	19.74	21	0.8
5	64QAM	12	13	19.61	19.78	19.70		
5	64QAM	25	0	19.82	19.68	19.65		
5	256QAM	1	0	17.79	17.85	17.78		
5	256QAM	1	12	17.64	17.72	17.62	19	2.8
5	256QAM	1	24	17.60	17.61	17.69		
5	256QAM	12	0	17.65	17.76	17.63		
5	256QAM	12	7	17.59	17.71	17.74	19	2.8
5	256QAM	12	13	17.69	17.73	17.72		
5	256QAM	25	0	17.80	17.70	17.68		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.57	20.67	20.59		
3	QPSK	1	8	20.42	20.52	20.47	21.8	0
3	QPSK	1	14	20.43	20.53	20.49		
3	QPSK	8	0	20.48	20.56	20.39		
3	QPSK	8	4	20.50	20.58	20.50	21.8	0
3	QPSK	8	7	20.58	20.54	20.57		
3	QPSK	15	0	20.50	20.57	20.44		
3	16QAM	1	0	20.47	20.40	20.56		
3	16QAM	1	8	20.46	20.39	20.44	21.8	0
3	16QAM	1	14	20.35	20.42	20.29		
3	16QAM	8	0	20.40	20.48	20.33		
3	16QAM	8	4	20.36	20.36	20.43	21.8	0
3	16QAM	8	7	20.47	20.50	20.45		
3	16QAM	15	0	20.49	20.50	20.53		
3	64QAM	1	0	20.53	20.52	20.40		
3	64QAM	1	8	20.36	20.44	20.39	21.8	0
3	64QAM	1	14	20.34	20.37	20.43		
3	64QAM	8	0	19.85	19.73	19.81		
3	64QAM	8	4	19.72	19.65	19.65	21	0.8
3	64QAM	8	7	19.53	19.68	19.71		
3	64QAM	15	0	19.79	19.71	19.57		
3	256QAM	1	0	17.83	17.79	17.80		
3	256QAM	1	8	17.63	17.74	17.64	19	2.8
3	256QAM	1	14	17.66	17.69	17.61		
3	256QAM	8	0	17.66	17.71	17.69		
3	256QAM	8	4	17.67	17.70	17.67	19	2.8
3	256QAM	8	7	17.66	17.66	17.72		
3	256QAM	15	0	17.79	17.80	17.70		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.63	20.62	20.62		
1.4	QPSK	1	3	20.52	20.45	20.49		
1.4	QPSK	1	5	20.40	20.50	20.52	21.8	0
1.4	QPSK	3	0	20.56	20.58	20.45		
1.4	QPSK	3	1	20.52	20.57	20.60		
1.4	QPSK	3	3	20.56	20.53	20.60		
1.4	QPSK	6	0	20.55	20.47	20.45	21.8	0
1.4	16QAM	1	0	20.42	20.39	20.57		
1.4	16QAM	1	3	20.45	20.29	20.44		
1.4	16QAM	1	5	20.45	20.33	20.30	21.8	0
1.4	16QAM	3	0	20.42	20.53	20.33		
1.4	16QAM	3	1	20.29	20.35	20.47		
1.4	16QAM	3	3	20.40	20.55	20.49		
1.4	16QAM	6	0	20.47	20.40	20.60	21.8	0
1.4	64QAM	1	0	20.56	20.59	20.46		
1.4	64QAM	1	3	20.35	20.41	20.33		
1.4	64QAM	1	5	20.31	20.41	20.44	21.8	0
1.4	64QAM	3	0	20.53	20.52	20.44		
1.4	64QAM	3	1	20.29	20.34	20.27		
1.4	64QAM	3	3	20.22	20.29	20.42		
1.4	64QAM	6	0	19.82	19.78	19.56	21	0.8
1.4	256QAM	1	0	17.86	17.86	17.75		
1.4	256QAM	1	3	17.60	17.78	17.57		
1.4	256QAM	1	5	17.63	17.65	17.62	19	2.8
1.4	256QAM	3	0	17.68	17.77	17.64		
1.4	256QAM	3	1	17.66	17.67	17.70		
1.4	256QAM	3	3	17.67	17.66	17.71		
1.4	256QAM	6	0	17.73	17.79	17.67	19	2.8

Band 4 Ant 3 ECI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.18	19.28	19.18		
20	QPSK	1	49	19.20	19.25	19.16	20.6	0
20	QPSK	1	99	19.02	19.13	19.21		
20	QPSK	50	0	19.08	19.27	19.19		
20	QPSK	50	24	19.12	19.14	19.14	20.6	0
20	QPSK	50	50	19.22	19.14	19.09		
20	QPSK	100	0	19.06	19.24	19.12		
20	16QAM	1	0	19.09	19.15	19.15		
20	16QAM	1	49	19.13	19.14	18.95	20.6	0
20	16QAM	1	99	19.09	19.08	19.12		
20	16QAM	50	0	19.02	19.19	19.10		
20	16QAM	50	24	18.93	19.07	19.03	20.6	0
20	16QAM	50	50	19.11	19.06	18.96		
20	16QAM	100	0	19.09	19.12	19.11		
20	64QAM	1	0	19.16	19.19	19.19		
20	64QAM	1	49	19.17	19.09	18.97	20.6	0
20	64QAM	1	99	19.13	19.10	19.09		
20	64QAM	50	0	19.15	19.17	19.04		
20	64QAM	50	24	19.01	18.99	19.01	20.6	0
20	64QAM	50	50	19.06	19.14	19.05		
20	64QAM	100	0	19.11	19.11	18.98		
20	256QAM	1	0	17.72	17.71	17.59		
20	256QAM	1	49	17.55	17.65	17.57	19	1.6
20	256QAM	1	99	17.55	17.57	17.62		
20	256QAM	50	0	17.43	17.61	17.57		
20	256QAM	50	24	17.48	17.52	17.49	19	1.6
20	256QAM	50	50	17.61	17.57	17.51		
20	256QAM	100	0	17.53	17.60	17.55		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.08	19.23	19.11		
15	QPSK	1	37	19.14	19.20	19.10	20.6	0
15	QPSK	1	74	19.04	19.09	19.11		
15	QPSK	36	0	19.04	19.16	19.10		
15	QPSK	36	20	19.05	19.09	19.11	20.6	0
15	QPSK	36	39	19.16	19.03	18.96		
15	QPSK	75	0	19.03	19.10	18.99		
15	16QAM	1	0	18.95	19.07	19.10		
15	16QAM	1	37	19.04	19.09	18.88	20.6	0
15	16QAM	1	74	19.01	19.04	19.08		
15	16QAM	36	0	18.98	19.08	19.06		
15	16QAM	36	20	18.82	19.03	18.94	20.6	0
15	16QAM	36	39	19.03	19.01	18.88		
15	16QAM	75	0	18.96	19.00	18.98		
15	64QAM	1	0	19.11	19.10	19.09		
15	64QAM	1	37	19.12	18.99	18.91	20.6	0
15	64QAM	1	74	18.99	18.98	19.07		
15	64QAM	36	0	19.01	19.09	18.94		
15	64QAM	36	20	18.92	18.93	19.03	20.6	0
15	64QAM	36	39	18.97	19.10	18.95		
15	64QAM	75	0	19.02	19.06	18.91		
15	256QAM	1	0	17.68	17.69	17.53		
15	256QAM	1	37	17.50	17.60	17.52	19	1.6
15	256QAM	1	74	17.49	17.43	17.56		
15	256QAM	36	0	17.37	17.54	17.52		
15	256QAM	36	20	17.36	17.45	17.35	19	1.6
15	256QAM	36	39	17.55	17.53	17.40		
15	256QAM	75	0	17.47	17.56	17.52		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.04	19.23	19.12		
10	QPSK	1	25	19.14	19.19	19.03	20.6	0
10	QPSK	1	49	19.14	19.05	19.13		
10	QPSK	25	0	18.96	19.20	19.16		
10	QPSK	25	12	19.00	19.04	19.08	20.6	0
10	QPSK	25	25	19.13	19.12	19.00		
10	QPSK	50	0	18.96	19.21	19.03		
10	16QAM	1	0	19.06	19.12	19.06		
10	16QAM	1	25	19.09	19.04	18.86	20.6	0
10	16QAM	1	49	18.97	18.99	19.00		
10	16QAM	25	0	18.95	19.09	19.02		
10	16QAM	25	12	18.87	18.98	18.93	20.6	0
10	16QAM	25	25	19.07	18.94	18.85		
10	16QAM	50	0	18.97	19.06	18.98		
10	64QAM	1	0	19.12	19.06	19.15		
10	64QAM	1	25	19.08	18.97	18.94	20.6	0
10	64QAM	1	49	19.10	19.04	19.04		
10	64QAM	25	0	19.11	19.10	18.95		
10	64QAM	25	12	18.94	18.85	19.03	20.6	0
10	64QAM	25	25	18.97	19.10	18.94		
10	64QAM	50	0	19.01	19.08	18.94		
10	256QAM	1	0	17.63	17.60	17.54		
10	256QAM	1	25	17.42	17.63	17.54	19	1.6
10	256QAM	1	49	17.47	17.46	17.52		
10	256QAM	25	0	17.33	17.56	17.45		
10	256QAM	25	12	17.39	17.43	17.39	19	1.6
10	256QAM	25	25	17.48	17.54	17.44		
10	256QAM	50	0	17.46	17.46	17.41		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.11	19.15	19.08		
5	QPSK	1	12	19.17	19.16	19.11	20.6	0
5	QPSK	1	24	19.06	19.01	19.11		
5	QPSK	12	0	19.00	19.22	19.11		
5	QPSK	12	7	19.06	19.08	19.04	20.6	0
5	QPSK	12	13	19.08	19.12	19.05		
5	QPSK	25	0	18.95	19.17	19.00		
5	16QAM	1	0	19.00	19.13	19.09		
5	16QAM	1	12	19.06	19.08	18.84	20.6	0
5	16QAM	1	24	19.02	19.02	19.02		
5	16QAM	12	0	18.94	19.16	18.96		
5	16QAM	12	7	18.85	19.01	18.92	20.6	0
5	16QAM	12	13	18.99	18.94	18.92		
5	16QAM	25	0	18.96	19.05	19.05		
5	64QAM	1	0	19.10	19.11	19.17		
5	64QAM	1	12	19.14	18.97	18.91	20.6	0
5	64QAM	1	24	19.03	19.05	18.99		
5	64QAM	12	0	19.04	19.05	18.98		
5	64QAM	12	7	18.93	18.92	18.99	20.6	0
5	64QAM	12	13	19.04	19.04	18.92		
5	64QAM	25	0	19.07	18.99	18.96		
5	256QAM	1	0	17.69	17.68	17.53		
5	256QAM	1	12	17.43	17.61	17.45	19	1.6
5	256QAM	1	24	17.47	17.44	17.56		
5	256QAM	12	0	17.30	17.57	17.53		
5	256QAM	12	7	17.35	17.47	17.36	19	1.6
5	256QAM	12	13	17.52	17.53	17.47		
5	256QAM	25	0	17.46	17.57	17.42		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.16	19.23	19.13		
3	QPSK	1	8	19.08	19.16	19.13	20.6	0
3	QPSK	1	14	19.07	19.07	19.15		
3	QPSK	8	0	18.98	19.24	19.14		
3	QPSK	8	4	19.06	19.08	19.04	20.6	0
3	QPSK	8	7	19.14	19.04	18.98		
3	QPSK	15	0	18.94	19.13	19.07		
3	16QAM	1	0	19.01	19.05	19.02		
3	16QAM	1	8	19.06	19.04	18.90	20.6	0
3	16QAM	1	14	19.04	18.97	19.01		
3	16QAM	8	0	18.98	19.13	18.98		
3	16QAM	8	4	18.81	18.94	18.97	20.6	0
3	16QAM	8	7	19.05	19.02	18.85		
3	16QAM	15	0	19.04	19.08	19.00		
3	64QAM	1	0	19.06	19.12	19.06		
3	64QAM	1	8	19.09	18.98	18.83	20.6	0
3	64QAM	1	14	18.99	19.05	18.97		
3	64QAM	8	0	19.09	19.03	19.00		
3	64QAM	8	4	18.93	18.91	19.08	20.6	0
3	64QAM	8	7	18.93	19.01	18.96		
3	64QAM	15	0	19.01	19.02	18.95		
3	256QAM	1	0	17.59	17.66	17.55		
3	256QAM	1	8	17.44	17.58	17.44	19	1.6
3	256QAM	1	14	17.45	17.51	17.59		
3	256QAM	8	0	17.29	17.50	17.48		
3	256QAM	8	4	17.41	17.39	17.43	19	1.6
3	256QAM	8	7	17.59	17.48	17.45		
3	256QAM	15	0	17.51	17.55	17.50		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.07	19.17	19.10		
1.4	QPSK	1	3	19.13	19.15	19.08		
1.4	QPSK	1	5	19.04	19.05	19.17	20.6	0
1.4	QPSK	3	0	18.99	19.18	19.15		
1.4	QPSK	3	1	19.07	19.02	19.03		
1.4	QPSK	3	3	19.17	19.04	19.00		
1.4	QPSK	6	0	18.95	19.20	19.00	20.6	0
1.4	16QAM	1	0	19.04	19.04	19.12		
1.4	16QAM	1	3	19.08	19.10	18.91		
1.4	16QAM	1	5	18.97	18.96	19.02	20.6	0
1.4	16QAM	3	0	18.92	19.12	19.03		
1.4	16QAM	3	1	18.80	18.99	18.96		
1.4	16QAM	3	3	18.98	18.93	18.82		
1.4	16QAM	6	0	19.00	19.06	19.00	20.6	0
1.4	64QAM	1	0	19.14	19.05	19.14		
1.4	64QAM	1	3	19.08	19.02	18.90		
1.4	64QAM	1	5	19.05	18.98	18.98	20.6	0
1.4	64QAM	3	0	19.10	19.06	18.90		
1.4	64QAM	3	1	18.95	18.94	18.98		
1.4	64QAM	3	3	19.02	19.11	18.92		
1.4	64QAM	6	0	18.97	18.90	18.86	20.6	0
1.4	256QAM	1	0	17.58	17.67	17.52		
1.4	256QAM	1	3	17.42	17.55	17.46		
1.4	256QAM	1	5	17.45	17.47	17.48	19	1.6
1.4	256QAM	3	0	17.33	17.51	17.55		
1.4	256QAM	3	1	17.45	17.48	17.37		
1.4	256QAM	3	3	17.57	17.47	17.49		
1.4	256QAM	6	0	17.43	17.53	17.52	19	1.6

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.63	18.70	18.65		
20	QPSK	1	49	18.52	18.62	18.51	19.9	0
20	QPSK	1	99	18.54	18.63	18.56		
20	QPSK	50	0	18.55	18.66	18.59		
20	QPSK	50	24	18.52	18.61	18.53	19.9	0
20	QPSK	50	50	18.54	18.60	18.55		
20	QPSK	100	0	18.60	18.64	18.58		
20	16QAM	1	0	18.54	18.60	18.53		
20	16QAM	1	49	18.38	18.59	18.47	19.9	0
20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1880	1880	1905		
20	QPSK	1	0	20.71	20.76	20.74	21.8	0
20	QPSK	1	49	20.64	20.64	20.66		
20	QPSK	1	99	20.62	20.67	20.67		
20	QPSK	50	0	20.67	20.73	20.63	21.8	0
20	QPSK	50	24	20.58	20.67	20.65		
20	QPSK	50	50	20.66	20.69	20.72		
20	QPSK	100	0	20.65	20.72	20.69		
20	16QAM	1	0	20.67	20.66	20.72	21.8	0
20	16QAM	1	49	20.56	20.56	20.62		
20	16QAM	1	99	20.54	20.59	20.54		
20	16QAM	50	0	20.58	20.66	20.57	21.8	0
20	16QAM	50	24	20.52	20.58	20.63		
20	16QAM	50	50	20.58	20.66	20.65		
20	16QAM	100	0	20.59	20.59	20.66		
20	64QAM	1	0	20.64	20.66	20.63	21.8	0
20	64QAM	1	49	20.52	20.61	20.57		
20	64QAM	1	99	20.50	20.56	20.57		
20	64QAM	50	0	19.94	19.93	19.95	21	0.8
20	64QAM	50	24	19.83	19.78	19.88		
20	64QAM	50	50	19.77	19.89	19.87		
20	64QAM	100	0	19.89	19.93	19.79		
20	256QAM	1	0	17.95	17.91	17.92	19	2.8
20	256QAM	1	49	17.81	17.89	17.83		
20	256QAM	1	99	17.79	17.82	17.86		
20	256QAM	50	0	17.85	17.88	17.78	19	2.8
20	256QAM	50	24	17.74	17.82	17.87		
20	256QAM	50	50	17.82	17.86	17.91		
20	256QAM	100	0	17.89	17.91	17.87		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.66	20.64	20.64	21.8	0
15	QPSK	1	37	20.62	20.58	20.54		
15	QPSK	1	74	20.49	20.59	20.57		
15	QPSK	36	0	20.56	20.62	20.60	21.8	0
15	QPSK	36	20	20.54	20.63	20.59		
15	QPSK	36	39	20.62	20.59	20.64		
15	QPSK	75	0	20.58	20.61	20.63		
15	16QAM	1	0	20.59	20.62	20.68	21.8	0
15	16QAM	1	37	20.51	20.43	20.59		
15	16QAM	1	74	20.40	20.56	20.46		
15	16QAM	36	0	20.52	20.62	20.50	21.8	0
15	16QAM	36	20	20.39	20.56	20.59		
15	16QAM	36	39	20.50	20.58	20.57		
15	16QAM	75	0	20.54	20.50	20.56		
15	64QAM	1	0	20.57	20.61	20.58	21.8	0
15	64QAM	1	37	20.45	20.56	20.54		
15	64QAM	1	74	20.41	20.44	20.53		
15	64QAM	36	0	19.82	19.91	19.87	21	0.8
15	64QAM	36	20	19.74	19.71	19.74		
15	64QAM	36	39	19.67	19.85	19.75		
15	64QAM	75	0	19.82	19.80	19.66		
15	256QAM	1	0	17.86	17.84	17.89	19	2.8
15	256QAM	1	37	17.72	17.76	17.74		
15	256QAM	1	74	17.76	17.79	17.82		
15	256QAM	36	0	17.74	17.83	17.74	19	2.8
15	256QAM	36	20	17.68	17.74	17.77		
15	256QAM	36	39	17.75	17.83	17.85		
15	256QAM	75	0	17.85	17.77	17.73		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.62	20.70	20.61	21.8	0
10	QPSK	1	25	20.61	20.57	20.57		
10	QPSK	1	49	20.48	20.53	20.58		
10	QPSK	25	0	20.60	20.65	20.56	21.8	0
10	QPSK	25	12	20.55	20.57	20.52		
10	QPSK	25	25	20.55	20.64	20.58		
10	QPSK	50	0	20.55	20.68	20.61		
10	16QAM	1	0	20.62	20.63	20.59	21.8	0
10	16QAM	1	25	20.51	20.45	20.57		
10	16QAM	1	49	20.52	20.54	20.48		
10	16QAM	25	0	20.51	20.61	20.44	21.8	0
10	16QAM	25	12	20.50	20.50	20.55		
10	16QAM	25	25	20.54	20.64	20.58		
10	16QAM	50	0	20.53	20.54	20.56		
10	64QAM	1	0	20.55	20.58	20.54	21.8	0
10	64QAM	1	25	20.46	20.52	20.51		
10	64QAM	1	49	20.46	20.50	20.45		
10	64QAM	25	0	19.83	19.80	19.88	21	0.8
10	64QAM	25	12	19.71	19.71	19.78		
10	64QAM	25	25	19.71	19.85	19.79		
10	64QAM	50	0	19.84	19.81	19.70		
10	256QAM	1	0	17.82	17.83	17.83	19	2.8
10	256QAM	1	25	17.75	17.79	17.69		
10	256QAM	1	49	17.75	17.75	17.74		
10	256QAM	25	0	17.72	17.78	17.71	19	2.8
10	256QAM	25	12	17.65	17.77	17.82		
10	256QAM	25	25	17.77	17.81	17.87		
10	256QAM	50	0	17.81	17.82	17.84		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.59	20.63	20.68	21.8	0
5	QPSK	1	12	20.57	20.53	20.63		
5	QPSK	1	24	20.52	20.62	20.58		
5	QPSK	12	0	20.58	20.63	20.59	21.8	0
5	QPSK	12	7	20.49	20.58	20.52		
5	QPSK	12	13	20.54	20.59	20.70		
5	QPSK	25	0	20.61	20.68	20.63		
5	16QAM	1	0	20.62	20.54	20.59	21.8	0
5	16QAM	1	12	20.43	20.50	20.57		
5	16QAM	1	24	20.49	20.49	20.41		
5	16QAM	12	0	20.54	20.60	20.51	21.8	0
5	16QAM	12	7	20.50	20.54	20.54		
5	16QAM	12	13	20.56	20.54	20.61		
5	16QAM	25	0	20.48	20.52	20.61		
5	64QAM	1	0	20.59	20.57	20.52	21.8	0
5	64QAM	1	12	20.48	20.59	20.52		
5	64QAM	1	24	20.43	20.50	20.51		
5	64QAM	12	0	19.80	19.79	19.91	21	0.8
5	64QAM	12	7	19.75	19.74	19.79		
5	64QAM	12	13	19.71	19.82	19.73		
5	64QAM	25	0	19.78	19.83	19.67		
5	256QAM	1	0	17.85	17.87	17.83	19	2.8
5	256QAM	1	12	17.71	17.76	17.76		
5	256QAM	1	24	17.70	17.71	17.73		
5	256QAM	12	0	17.71	17.76	17.66	19	2.8
5	256QAM	12	7	17.68	17.76	17.73		
5	256QAM	12	13	17.79	17.82	17.79		
5	256QAM	25	0	17.86	17.88	17.79		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.69	20.71	20.61	21.8	0
3	QPSK	1	8	20.50	20.55	20.63		
3	QPSK	1	14	20.56	20.63	20.63		
3	QPSK	8	0	20.64	20.63	20.56	21.8	0
3	QPSK	8	4	20.52	20.64	20.51		
3	QPSK	8	7	20.63	20.62	20.68		
3	QPSK	15	0	20.63	20.65	20.66		
3	16QAM	1	0	20.56	20.59	20.69	21.8	0
3	16QAM	1	8	20.53	20.47	20.56		
3	16QAM	1	14	20.50	20.56	20.45		
3	16QAM	8	0	20.49	20.57	20.53	21.8	0
3	16QAM	8	4	20.49	20.44	20.54		
3	16QAM	8	7	20.44	20.59	20.52		
3	16QAM	15	0	20.47	20.55	20.54		
3	64QAM	1	0	20.57	20.61	20.59	21.8	0
3	64QAM	1	8	20.45	20.56	20.54		
3	64QAM	1	14	20.41	20.53	20.47		
3	64QAM	8	0	19.85	19.82	19.81	21	0.8
3	64QAM	8	4	19.71	19.67	19.84		
3	64QAM	8	7	19.68	19.82	19.77		
3	64QAM	15	0	19.77	19.85	19.76		
3	256QAM	1	0	17.89	17.88	17.85	19	2.8
3	256QAM	1	8	17.75	17.84	17.78		
3	256QAM	1	14	17.72	17.72	17.76		
3	256QAM	8	0	17.78	17.83	17.72	19	2.8
3	256QAM	8	4	17.61	17.80	17.76		
3	256QAM	8	7	17.79	17.82	17.78		
3	256QAM	15	0	17.77	17.78	17.80		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.61	20.63	20.68	21.8	0
1.4	QPSK	1	3	20.59	20.61	20.59		
1.4	QPSK	1	5	20.59	20.60	20.55		
1.4	QPSK	3	0	20.60	20.59	20.53		
1.4	QPSK	3	1	20.49	20.60	20.62		
1.4	QPSK	3	3	20.52	20.61	20.69		
1.4	QPSK	6	0	20.58	20.60	20.56	21.8	0
1.4	16QAM	1	0	20.62	20.54	20.62	21.8	0
1.4	16QAM	1	3	20.48	20.50	20.52		
1.4	16QAM	1	5	20.45	20.53	20.50		
1.4	16QAM	3	0	20.52	20.56	20.51		
1.4	16QAM	3	1	20.44	20.48	20.49		
1.4	16QAM	3	3	20.51	20.61	20.60		
1.4	16QAM	6	0	20.47	20.52	20.58	21.8	0
1.4	64QAM	1	0	20.58	20.61	20.57	21.8	0
1.4	64QAM	1	3	20.41	20.51	20.54		
1.4	64QAM	1	5	20.38	20.54	20.55		
1.4	64QAM	3	0	20.48	20.57	20.50		
1.4	64QAM	3	1	20.37	20.43	20.48		
1.4	64QAM	3	3	20.31	20.45	20.44		
1.4	64QAM	6	0	19.84	19.82	19.70	21	0.8
1.4	256QAM	1	0	17.89	17.78	17.79	19	2.8
1.4	256QAM	1	3	17.78	17.86	17.80		
1.4	256QAM	1	5	17.74	17.78	17.77		
1.4	256QAM	3	0	17.75	17.83	17.66		
1.4	256QAM	3	1	17.64	17.77	17.83		
1.4	256QAM	3	3	17.80	17.78	17.83		
1.4	256QAM	6	0	17.85	17.79	17.85	19	2.8

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.36		21.4	0
10	QPSK	1	25		20.33			
10	QPSK	1	49		20.30			
10	QPSK	25	0		20.33		21.4	0
10	QPSK	25	12		20.20			
10	QPSK	25	25		20.18			
10	QPSK	50	0		20.30			
10	16QAM	1	0		20.22		21.4	0
10	16QAM	1	25		20.28			
10	16QAM	1	49		20.16			
10	16QAM	25	0		20.30		21.4	0
10	16QAM	25	12		20.07			
10	16QAM	25	25		20.06			
10	16QAM	50	0		20.17			
10	64QAM	1	0		20.25		21.4	0
10	64QAM	1	25		20.21			
10	64QAM	1	49		20.16			
10	64QAM	25	0		19.96		21	0.4
10	64QAM	25	12		19.94			
10	64QAM	25	25		19.92			
10	64QAM	50	0		19.87			
10	256QAM	1	0		17.99		19	2.4
10	256QAM	1	25		17.90			
10	256QAM	1	49		17.95			
10	256QAM	25	0		17.98		19	2.4
10	256QAM	25	12		17.78			
10	256QAM	25	25		17.73			
10	256QAM	50	0		17.93			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.25	20.27	20.23	21.4	0
5	QPSK	1	12	20.27	20.27	20.26		
5	QPSK	1	24	20.21	20.22	20.26		
5	QPSK	12	0	20.28	20.31	20.25	21.4	0
5	QPSK	12	7	20.15	20.14	20.17		
5	QPSK	12	13	20.12	20.11	20.14		
5	QPSK	25	0	20.24	20.28	20.20		
5	16QAM	1	0	20.11	20.20	20.18	21.4	0
5	16QAM	1	12	20.19	20.23	20.21		
5	16QAM	1	24	20.02	20.06	20.09		
5	16QAM	12	0	20.21	20.26	20.25	21.4	0
5	16QAM	12	7	19.96	20.00	19.96		
5	16QAM	12	13	19.94	19.97	19.98		
5	16QAM	25	0	20.10	20.15	20.11		
5	64QAM	1	0	20.15	20.15	20.14	21.4	0
5	64QAM	1	12	20.11	20.09	20.13		
5	64QAM	1	24	20.05	20.13	20.04		
5	64QAM	12	0	19.90	19.88	19.89	21	0.4
5	64QAM	12	7	19.80	19.84	19.88		
5	64QAM	12	13	19.79	19.82	19.84		
5	64QAM	25	0	19.74	19.82	19.75		
5	256QAM	1	0	17.91	17.87	17.86	19	2.4
5	256QAM	1	12	17.84	17.82	17.83		
5	256QAM	1	24	17.85	17.86	17.88		
5	256QAM	12	0	17.87	17.95	17.86	19	2.4
5	256QAM	12	7	17.70	17.74	17.72		
5	256QAM	12	13	17.69	17.68	17.67		
5	256QAM	25	0	17.85	17.89	17.84		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.30	19.35	19.31	20.6	0
20	QPSK	1	49	19.26	19.29	19.19		
20	QPSK	1	99	19.25	19.26	19.24		
20	QPSK	50	0	19.20	19.32	19.27	20.6	0
20	QPSK	50	24	19.17	19.21	19.22		
20	QPSK	50	50	19.28	19.22	19.18		
20	QPSK	100	0	19.19	19.26	19.21		
20	16QAM	1	0	19.19	19.24	19.21	20.6	0
20	16QAM	1	49	19.21	19.22	19.06		
20	16QAM	1	99	19.12	19.13	19.16		
20	16QAM	50	0	19.14	19.25	19.16	20.6	0
20	16QAM	50	24	19.04	19.15	19.17		
20	16QAM	50	50	19.23	19.11	19.05		
20	16QAM	100	0	19.11	19.17	19.17		
20	64QAM	1	0	19.26	19.24	19.25	20.6	0
20	64QAM	1	49	19.20	19.20	19.11		
20	64QAM	1	99	19.16	19.21	19.12		
20	64QAM	50	0	19.17	19.24	19.17	20.6	0
20	64QAM	50	24	19.05	19.11	19.18		
20	64QAM	50	50	19.14	19.18	19.11		
20	64QAM	100	0	19.17	19.23	19.07		
20	256QAM	1	0	17.76	17.79	17.68	19	1.6
20	256QAM	1	49	17.62	17.72	17.61		
20	256QAM	1	99	17.66	17.71	17.67		
20	256QAM	50	0	17.56	17.71	17.70	19	1.6
20	256QAM	50	24	17.53	17.58	17.60		
20	256QAM	50	50	17.70	17.60	17.56		
20	256QAM	100	0	17.61	17.69	17.57		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.24	19.28	19.19	20.6	0
15	QPSK	1	37	19.13	19.22	19.15		
15	QPSK	1	74	19.14	19.17	19.12		
15	QPSK	36	0	19.11	19.28	19.19	20.6	0
15	QPSK	36	20	19.14	19.14	19.14		
15	QPSK	36	39	19.16	19.15	19.14		
15	QPSK	75	0	19.11	19.12	19.08		
15	16QAM	1	0	19.06	19.12	19.11	20.6	0
15	16QAM	1	37	19.17	19.09	19.02		
15	16QAM	1	74	19.05	18.99	19.06		
15	16QAM	36	0	19.02	19.13	19.05	20.6	0
15	16QAM	36	20	18.92	19.13	19.08		
15	16QAM	36	39	19.18	18.98	19.01		
15	16QAM	75	0	18.98	19.08	19.05		
15	64QAM	1	0	19.15	19.12	19.16	20.6	0
15	64QAM	1	37	19.10	19.08	19.04		
15	64QAM	1	74	19.06	19.13	19.05		
15	64QAM	36	0	19.05	19.14	19.06	20.6	0
15	64QAM	36	20	18.96	19.02	19.04		
15	64QAM	36	39	19.10	19.14	19.07		
15	64QAM	75	0	19.10	19.12	18.98		
15	256QAM	1	0	17.71	17.76	17.58	19	1.6
15	256QAM	1	37	17.55	17.58	17.47		
15	256QAM	1	74	17.61	17.63	17.56		
15	256QAM	36	0	17.49	17.67	17.64	19	1.6
15	256QAM	36	20	17.49	17.52	17.48		
15	256QAM	36	39	17.57	17.53	17.48		
15	256QAM	75	0	17.47	17.65	17.51		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.16	19.22	19.21	20.6	0
10	QPSK	1	25	19.19	19.17	19.13		
10	QPSK	1	49	19.17	19.20	19.18		
10	QPSK	25	0	19.08	19.25	19.21	20.6	0
10	QPSK	25	12	19.03	19.14	19.19		
10	QPSK	25	25	19.23	19.16	19.06		
10	QPSK	50	0	19.06	19.17	19.11		
10	16QAM	1	0	19.10	19.13	19.16	20.6	0
10	16QAM	1	25	19.17	19.14	18.92		
10	16QAM	1	49	19.09	19.04	19.12		
10	16QAM	25	0	19.00	19.20	19.08	20.6	0
10	16QAM	25	12	19.00	19.06	19.09		
10	16QAM	25	25	19.18	19.00	18.93		
10	16QAM	50	0	18.98	19.07	19.09		
10	64QAM	1	0	19.22	19.21	19.20	20.6	0
10	64QAM	1	25	19.10	19.15	19.00		
10	64QAM	1	49	19.04	19.13	19.06		
10	64QAM	25	0	19.11	19.13	19.13	20.6	0
10	64QAM	25	12	18.95	19.01	19.13		
10	64QAM	25	25	19.08	19.08	18.98		
10	64QAM	50	0	19.05	19.11	19.04		
10	256QAM	1	0	17.72	17.73	17.64	19	1.6
10	256QAM	1	25	17.50	17.64	17.50		
10	256QAM	1	49	17.59	17.61	17.64		
10	256QAM	25	0	17.52	17.58	17.65	19	1.6
10	256QAM	25	12	17.51	17.50	17.53		
10	256QAM	25	25	17.62	17.56	17.53		
10	256QAM	50	0	17.47	17.55	17.45		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.27	19.29	19.18	20.6	0
5	QPSK	1	12	19.22	19.21	19.16		
5	QPSK	1	24	19.13	19.12	19.17		
5	QPSK	12	0	19.12	19.23	19.14	20.6	0
5	QPSK	12	7	19.13	19.19	19.20		
5	QPSK	12	13	19.20	19.09	19.04		
5	QPSK	25	0	19.11	19.13	19.18		
5	16QAM	1	0	19.08	19.14	19.09	20.6	0
5	16QAM	1	12	19.15	19.18	19.03		
5	16QAM	1	24	19.01	19.11	19.04		
5	16QAM	12	0	19.04	19.12	19.12	20.6	0
5	16QAM	12	7	18.98	19.12	19.05		
5	16QAM	12	13	19.16	18.99	18.99		
5	16QAM	25	0	18.97	19.09	19.14		
5	64QAM	1	0	19.22	19.21	19.17	20.6	0
5	64QAM	1	12	19.10	19.14	18.97		
5	64QAM	1	24	19.10	19.11	19.10		
5	64QAM	12	0	19.05	19.15	19.04	20.6	0
5	64QAM	12	7	18.92	19.00	19.13		
5	64QAM	12	13	19.08	19.07	19.02		
5	64QAM	25	0	19.15	19.21	19.02		
5	256QAM	1	0	17.72	17.67	17.60	19	1.6
5	256QAM	1	12	17.59	17.59	17.57		
5	256QAM	1	24	17.54	17.58	17.64		
5	256QAM	12	0	17.46	17.66	17.66	19	1.6
5	256QAM	12	7	17.43	17.44	17.50		
5	256QAM	12	13	17.67	17.54	17.51		
5	256QAM	25	0	17.55	17.57	17.48		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.25	19.22	19.23	20.6	0
3	QPSK	1	8	19.23	19.21	19.14		
3	QPSK	1	14	19.12	19.19	19.20		
3	QPSK	8	0	19.09	19.22	19.15	20.6	0
3	QPSK	8	4	19.04	19.11	19.18		
3	QPSK	8	7	19.22	19.17	19.08		
3	QPSK	15	0	19.16	19.18	19.15		
3	16QAM	1	0	19.10	19.21	19.16	20.6	0
3	16QAM	1	8	19.18	19.11	19.01		
3	16QAM	1	14	19.05	19.08	19.05		
3	16QAM	8	0	19.11	19.23	19.09	20.6	0
3	16QAM	8	4	18.98	19.02	19.14		
3	16QAM	8	7	19.16	19.06	18.94		
3	16QAM	15	0	19.03	19.15	19.08		
3	64QAM	1	0	19.14	19.21	19.12	20.6	0
3	64QAM	1	8	19.16	19.18	18.99		
3	64QAM	1	14	19.11	19.18	19.06		
3	64QAM	8	0	19.06	19.20	19.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2590	2610		
20	QPSK	1	0	20.52	20.62	20.59	22.2	0
20	QPSK	1	49	20.54	20.54	20.44		
20	QPSK	1	99	20.47	20.53	20.49		
20	QPSK	50	0	20.44	20.50	20.46	22.2	0
20	QPSK	50	24	20.44	20.44	20.45		
20	QPSK	50	50	20.37	20.46	20.47		
20	QPSK	100	0	20.43	20.48	20.46		
20	16QAM	1	0	20.51	20.48	20.39	22.2	0
20	16QAM	1	49	20.44	20.41	20.35		
20	16QAM	1	99	20.39	20.41	20.39		
20	16QAM	50	0	20.29	20.23	20.26	22	0.2
20	16QAM	50	24	20.22	20.24	20.23		
20	16QAM	50	50	20.19	20.31	20.19		
20	16QAM	100	0	20.34	20.31	20.30		
20	64QAM	1	0	20.33	20.27	20.16	22	0.2
20	64QAM	1	49	20.22	20.30	20.10		
20	64QAM	1	99	20.21	20.27	20.25		
20	64QAM	50	0	19.33	19.30	19.37	21	1.2
20	64QAM	50	24	19.24	19.29	19.30		
20	64QAM	50	50	19.24	19.32	19.19		
20	64QAM	100	0	19.29	19.29	19.27		
20	256QAM	1	0	17.32	17.38	17.23	19	3.2
20	256QAM	1	49	17.31	17.29	17.32		
20	256QAM	1	99	17.25	17.28	17.25		
20	256QAM	50	0	17.26	17.36	17.31	19	3.2
20	256QAM	50	24	17.33	17.22	17.24		
20	256QAM	50	50	17.30	17.26	17.13		
20	256QAM	100	0	17.19	17.25	17.22		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2590	2612.5		
15	QPSK	1	0	20.41	20.56	20.46	22.2	0
15	QPSK	1	37	20.47	20.44	20.33		
15	QPSK	1	74	20.35	20.41	20.41		
15	QPSK	36	0	20.39	20.41	20.39	22.2	0
15	QPSK	36	20	20.31	20.40	20.40		
15	QPSK	36	39	20.25	20.38	20.45		
15	QPSK	75	0	20.35	20.44	20.38		
15	16QAM	1	0	20.47	20.36	20.28	22.2	0
15	16QAM	1	37	20.40	20.27	20.30		
15	16QAM	1	74	20.35	20.29	20.31		
15	16QAM	36	0	20.17	20.16	20.16	22	0.2
15	16QAM	36	20	20.19	20.18	20.20		
15	16QAM	36	39	20.11	20.27	20.08		
15	16QAM	75	0	20.29	20.19	20.19		
15	64QAM	1	0	20.21	20.18	20.11	22	0.2
15	64QAM	1	37	20.08	20.24	20.06		
15	64QAM	1	74	20.18	20.19	20.20		
15	64QAM	36	0	19.27	19.27	19.27	21	1.2
15	64QAM	36	20	19.16	19.23	19.21		
15	64QAM	36	39	19.12	19.27	19.13		
15	64QAM	75	0	19.26	19.22	19.18		
15	256QAM	1	0	17.25	17.28	17.15	19	3.2
15	256QAM	1	37	17.25	17.20	17.30		
15	256QAM	1	74	17.19	17.18	17.15		
15	256QAM	36	0	17.21	17.33	17.24	19	3.2
15	256QAM	36	20	17.22	17.19	17.21		
15	256QAM	36	39	17.21	17.23	17.09		
15	256QAM	75	0	17.17	17.17	17.12		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2590	2615		
10	QPSK	1	0	20.43	20.51	20.55	22.2	0
10	QPSK	1	25	20.45	20.47	20.42		
10	QPSK	1	49	20.33	20.40	20.36		
10	QPSK	25	0	20.39	20.45	20.38	22.2	0
10	QPSK	25	12	20.32	20.34	20.43		
10	QPSK	25	25	20.27	20.38	20.38		
10	QPSK	50	0	20.30	20.44	20.34		
10	16QAM	1	0	20.39	20.43	20.30	22.2	0
10	16QAM	1	25	20.39	20.34	20.21		
10	16QAM	1	49	20.35	20.33	20.36		
10	16QAM	25	0	20.20	20.09	20.15	22	0.2
10	16QAM	25	12	20.19	20.15	20.09		
10	16QAM	25	25	20.13	20.25	20.09		
10	16QAM	50	0	20.27	20.21	20.27		
10	64QAM	1	0	20.21	20.21	20.09	22	0.2
10	64QAM	1	25	20.14	20.19	20.05		
10	64QAM	1	49	20.17	20.16	20.18		
10	64QAM	25	0	19.29	19.18	19.28	21	1.2
10	64QAM	25	12	19.17	19.18	19.20		
10	64QAM	25	25	19.17	19.21	19.16		
10	64QAM	50	0	19.22	19.25	19.14		
10	256QAM	1	0	17.20	17.33	17.14	19	3.2
10	256QAM	1	25	17.20	17.22	17.19		
10	256QAM	1	49	17.14	17.17	17.14		
10	256QAM	25	0	17.19	17.28	17.22	19	3.2
10	256QAM	25	12	17.26	17.15	17.20		
10	256QAM	25	25	17.23	17.19	17.04		
10	256QAM	50	0	17.06	17.20	17.17		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2590	2617.5		
5	QPSK	1	0	20.43	20.55	20.48	22.2	0
5	QPSK	1	12	20.44	20.40	20.32		
5	QPSK	1	24	20.42	20.47	20.39		
5	QPSK	12	0	20.34	20.40	20.32	22.2	0
5	QPSK	12	7	20.31	20.42	20.35		
5	QPSK	12	13	20.29	20.40	20.45		
5	QPSK	25	0	20.33	20.37	20.36		
5	16QAM	1	0	20.40	20.34	20.29	22.2	0
5	16QAM	1	12	20.32	20.34	20.31		
5	16QAM	1	24	20.29	20.29	20.27		
5	16QAM	12	0	20.17	20.20	20.18	22	0.2
5	16QAM	12	7	20.11	20.20	20.14		
5	16QAM	12	13	20.09	20.23	20.05		
5	16QAM	25	0	20.29	20.26	20.27		
5	64QAM	1	0	20.25	20.22	20.02	22	0.2
5	64QAM	1	12	20.12	20.27	20.08		
5	64QAM	1	24	20.17	20.17	20.13		
5	64QAM	12	0	19.25	19.21	19.26	21	1.2
5	64QAM	12	7	19.12	19.20	19.18		
5	64QAM	12	13	19.12	19.24	19.07		
5	64QAM	25	0	19.17	19.21	19.21		
5	256QAM	1	0	17.22	17.36	17.13	19	3.2
5	256QAM	1	12	17.20	17.23	17.21		
5	256QAM	1	24	17.18	17.18	17.12		
5	256QAM	12	0	17.24	17.31	17.19	19	3.2
5	256QAM	12	7	17.23	17.13	17.13		
5	256QAM	12	13	17.27	17.20	17.10		
5	256QAM	25	0	17.13	17.17	17.17		

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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	20.60	20.63	20.66	20.64	20.62	22.2	0
20	QPSK	1	49	20.48	20.59	20.61	20.58	20.58		
20	QPSK	1	99	20.50	20.57	20.60	20.54	20.49		
20	QPSK	50	0	20.47	20.57	20.60	20.59	20.52	22.2	0
20	QPSK	50	24	20.51	20.51	20.56	20.57	20.52		
20	QPSK	50	50	20.48	20.50	20.59	20.53	20.49		
20	QPSK	100	0	20.52	20.57	20.58	20.53	20.55		
20	16QAM	1	0	20.48	20.59	20.55	20.52	20.57	22.2	0
20	16QAM	1	49	20.45	20.51	20.53	20.48	20.53		
20	16QAM	1	99	20.45	20.50	20.54	20.50	20.46		
20	16QAM	50	0	20.28	20.41	20.37	20.37	20.28	22	0.2
20	16QAM	50	24	20.30	20.33	20.34	20.37	20.32		
20	16QAM	50	50	20.31	20.27	20.36	20.27	20.28		
20	16QAM	100	0	20.36	20.39	20.37	20.35	20.29		
20	64QAM	1	0	20.27	20.43	20.33	20.28	20.34	22	0.2
20	64QAM	1	49	20.29	20.27	20.34	20.24	20.37		
20	64QAM	1	99	20.19	20.26	20.38	20.31	20.22		
20	64QAM	50	0	19.27	19.37	19.38	19.44	19.36	21	1.2
20	64QAM	50	24	19.30	19.26	19.41	19.41	19.30		
20	64QAM	50	50	19.26	19.29	19.40	19.30	19.29		
20	64QAM	100	0	19.28	19.33	19.42	19.33	19.34		
20	256QAM	1	0	17.32	17.40	17.42	17.35	17.35	19	3.2
20	256QAM	1	49	17.26	17.37	17.40	17.39	17.28		
20	256QAM	1	99	17.28	17.36	17.34	17.29	17.24		
20	256QAM	50	0	17.31	17.33	17.40	17.38	17.40	19	3.2
20	256QAM	50	24	17.27	17.39	17.33	17.37	17.37		
20	256QAM	50	50	17.26	17.33	17.35	17.27	17.32		
20	256QAM	100	0	17.19	17.28	17.39	17.34	17.23		
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	20.57	20.57	20.58	20.53	20.48	22	0
15	QPSK	1	37	20.46	20.50	20.59	20.47	20.44		
15	QPSK	1	74	20.37	20.54	20.53	20.52	20.40		
15	QPSK	36	0	20.38	20.48	20.47	20.53	20.47	22.2	0
15	QPSK	36	20	20.45	20.46	20.51	20.47	20.50		
15	QPSK	36	39	20.44	20.38	20.56	20.50	20.40		
15	QPSK	75	0	20.47	20.45	20.50	20.42	20.50		
15	16QAM	1	0	20.36	20.51	20.49	20.45	20.45	22.2	0
15	16QAM	1	37	20.37	20.45	20.45	20.35	20.40		
15	16QAM	1	74	20.42	20.42	20.45	20.38	20.43		
15	16QAM	36	0	20.19	20.36	20.31	20.25	20.15	22	0.2
15	16QAM	36	20	20.19	20.20	20.26	20.33	20.18		
15	16QAM	36	39	20.20	20.15	20.28	20.17	20.16		
15	16QAM	75	0	20.24	20.34	20.32	20.28	20.16		
15	64QAM	1	0	20.21	20.34	20.28	20.16	20.20	22	0.2
15	64QAM	1	37	20.20	20.15	20.28	20.15	20.27		
15	64QAM	1	74	20.13	20.16	20.24	20.24	20.18		
15	64QAM	36	0	19.17	19.29	19.32	19.36	19.31	21	1.2
15	64QAM	36	20	19.21	19.13	19.35	19.36	19.25		
15	64QAM	36	39	19.22	19.16	19.31	19.27	19.15		
15	64QAM	75	0	19.21	19.20	19.33	19.25	19.26		
15	256QAM	1	0	17.29	17.29	17.37	17.31	17.23	19	3.2
15	256QAM	1	37	17.22	17.24	17.31	17.30	17.14		
15	256QAM	1	74	17.15	17.32	17.26	17.23	17.16		
15	256QAM	36	0	17.20	17.23	17.28	17.30	17.33	19	3.2
15	256QAM	36	20	17.24	17.34	17.24	17.28	17.31		
15	256QAM	36	39	17.17	17.29	17.30	17.23	17.22		
15	256QAM	75	0	17.13	17.16	17.29	17.32	17.21		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.52	20.54	20.53	20.57	20.58	22	0
10	QPSK	1	25	20.44	20.49	20.54	20.48	20.48		
10	QPSK	1	49	20.44	20.52	20.56	20.48	20.47		
10	QPSK	25	0	20.41	20.45	20.50	20.54	20.41	22.2	0
10	QPSK	25	12	20.43	20.44	20.43	20.53	20.40		
10	QPSK	25	25	20.38	20.40	20.48	20.46	20.40		
10	QPSK	50	0	20.42	20.53	20.51	20.49	20.43		
10	16QAM	1	0	20.35	20.54	20.49	20.47	20.43	22.2	0
10	16QAM	1	25	20.37	20.48	20.47	20.41	20.49		
10	16QAM	1	49	20.34	20.46	20.46	20.38	20.38		
10	16QAM	25	0	20.19	20.35	20.29	20.23	20.22	22	0.2
10	16QAM	25	12	20.17	20.19	20.20	20.27	20.24		
10	16QAM	25	25	20.23	20.15	20.22	20.22	20.21		
10	16QAM	50	0	20.34	20.35	20.32	20.32	20.15		
10	64QAM	1	0	20.17	20.31	20.19	20.14	20.28	22	0.2
10	64QAM	1	25	20.26	20.16	20.28	20.19	20.24		
10	64QAM	1	49	20.05	20.16	20.30	20.29	20.16		
10	64QAM	25	0	19.13	19.31	19.34	19.41	19.31	21	1.2
10	64QAM	25	12	19.23	19.17	19.31	19.28	19.27		
10	64QAM	25	25	19.19	19.25	19.34	19.21	19.18		
10	64QAM	50	0	19.19	19.28	19.36	19.26	19.20		
10	256QAM	1	0	17.24	17.32	17.29	17.32	17.27	19	3.2
10	256QAM	1	25	17.20	17.30	17.26	17.31	17.26		
10	256QAM	1	49	17.23	17.25	17.27	17.24	17.20		
10	256QAM	25	0	17.23	17.26	17.34	17.25	17.33	19	3.2
10	256QAM	25	12	17.15	17.26	17.31	17.27	17.25		
10	256QAM	25	25	17.16	17.24	17.22	17.13	17.23		
10	256QAM	50	0	17.13	17.16	17.28	17.23	17.10		
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	20.58	20.58	20.58	20.56	20.48	22	0
5	QPSK	1	12	20.45	20.54	20.53	20.45	20.46		
5	QPSK	1	24	20.45	20.54	20.55	20.48	20.46		
5	QPSK	12	0	20.36	20.43	20.55	20.52	20.42	22.2	0
5	QPSK	12	7	20.39	20.48	20.54	20.46	20.46		
5	QPSK	12	13	20.37	20.37	20.52	20.40	20.35		
5	QPSK	25	0	20.49	20.52	20.56	20.47	20.52		
5	16QAM	1	0	20.38	20.49	20.50	20.41	20.48	22.2	0
5	16QAM	1	12	20.39	20.49	20.50	20.42	20.41		
5	16QAM	1	24	20.35	20.45	20.49	20.46	20.39		
5	16QAM	12	0	20.20	20.36	20.34	20.24	20.15	22	0.2
5	16QAM	12	7	20.28	20.26	20.31	20.33	20.30		
5	16QAM	12	13	20.17	20.20	20.33	20.23	20.16		
5	16QAM	25	0	20.22	20.27	20.34	20.26	20.15	22	0.2
5	64QAM	1	0	20.20	20.31	20.29	20.15	20.25		
5	64QAM	1	12	20.22	20.15	20.31	20.15	20.26		
5	64QAM	1	24	20.12	20.21	20.29	20.27	20.18		
5	64QAM	12	0	19.16	19.30	19.26	19.31	19.24	21	1.2
5	64QAM	12	7	19.24	19.23	19.35	19.31	19.21		
5	64QAM	12	13	19.15	19.18	19.37	19.25	19.21		
5	64QAM	25	0	19.20	19.21	19.33	19.26	19.31		
5	256QAM	1	0	17.26	17.30	17.36	17.28	17.29	19	3.2
5	256QAM	1	12	17.17	17.23	17.32	17.29	17.15		
5	256QAM	1	24	17.16	17.30	17.22	17.26	17.15		
5	256QAM	12	0	17.17	17.24	17.33	17.30	17.30	19	3.2
5	256QAM	12	7	17.24	17.36	17.25	17.24	17.26		
5	256QAM	12	13	17.15	17.21	17.26	17.18	17.29		
5	256QAM	25	0	17.09	17.21	17.27	17.20	17.11		

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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	22.94	22.91	22.96	22.88	22.93		
20	QPSK	1	49	22.83	22.89	22.91	22.82	22.90	23.8	0
20	QPSK	1	99	22.85	22.80	22.92	22.77	22.86		
20	QPSK	50	0	22.89	22.85	22.93	22.79	22.88		
20	QPSK	50	24	22.85	22.81	22.86	22.78	22.90	23.8	0
20	QPSK	50	50	22.88	22.80	22.89	22.81	22.90		
20	QPSK	100	0	22.83	22.88	22.92	22.85	22.81		
20	16QAM	1	0	22.83	22.81	22.86	22.80	22.82		
20	16QAM	1	49	22.72	22.81	22.80	22.76	22.84	23.8	0
20	16QAM	1	99	22.79	22.71	22.78	22.66	22.75		
20	16QAM	50	0	22.76	22.79	22.88	22.75	22.83		
20	16QAM	50	24	22.81	22.75	22.72	22.73	22.79	23.8	0
20	16QAM	50	50	22.82	22.67	22.78	22.70	22.83		
20	16QAM	100	0	22.78	22.80	22.86	22.83	22.77		
20	64QAM	1	0	22.89	22.84	22.84	22.76	22.91		
20	64QAM	1	49	22.76	22.83	22.81	22.77	22.76	23.8	0
20	64QAM	1	99	22.76	22.68	22.81	22.68	22.81		
20	64QAM	50	0	22.80	22.74	22.88	22.65	22.83		
20	64QAM	50	24	22.77	22.69	22.73	22.75	22.79	23.8	0
20	64QAM	50	50	22.77	22.75	22.80	22.71	22.82		
20	64QAM	100	0	22.69	22.76	22.83	22.76	22.76		
20	256QAM	1	0	21.13	21.10	21.16	21.06	21.16		
20	256QAM	1	49	21.05	21.07	21.11	21.07	21.15	22	1.8
20	256QAM	1	99	21.05	20.99	21.13	21.02	21.04		
20	256QAM	50	0	21.12	21.02	21.17	20.95	21.11		
20	256QAM	50	24	21.09	21.05	21.03	20.96	21.16	22	1.8
20	256QAM	50	50	21.12	21.04	21.15	21.02	21.04		
20	256QAM	100	0	21.01	21.12	21.09	20.99	20.98		
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	22.90	22.88	22.82	22.81	22.85		
15	QPSK	1	37	22.74	22.78	22.79	22.78	22.78	24	0
15	QPSK	1	74	22.81	22.70	22.81	22.63	22.78		
15	QPSK	36	0	22.80	22.72	22.84	22.65	22.85		
15	QPSK	36	20	22.83	22.76	22.73	22.70	22.85	23.8	0
15	QPSK	36	39	22.76	22.76	22.76	22.78	22.83		
15	QPSK	75	0	22.75	22.86	22.83	22.75	22.72		
15	16QAM	1	0	22.72	22.72	22.77	22.71	22.74		
15	16QAM	1	37	22.64	22.68	22.66	22.67	22.80	23.8	0
15	16QAM	1	74	22.72	22.66	22.73	22.61	22.69		
15	16QAM	36	0	22.64	22.67	22.77	22.67	22.78		
15	16QAM	36	20	22.75	22.71	22.64	22.64	22.73	23.8	0
15	16QAM	36	39	22.71	22.56	22.67	22.58	22.72		
15	16QAM	75	0	22.73	22.76	22.81	22.72	22.65		
15	64QAM	1	0	22.84	22.76	22.80	22.69	22.87		
15	64QAM	1	37	22.73	22.81	22.77	22.73	22.65	23.8	0
15	64QAM	1	74	22.62	22.61	22.68	22.63	22.76		
15	64QAM	36	0	22.74	22.64	22.83	22.52	22.73		
15	64QAM	36	20	22.64	22.64	22.67	22.70	22.72	23.8	0
15	64QAM	36	39	22.72	22.71	22.68	22.58	22.76		
15	64QAM	75	0	22.64	22.70	22.69	22.73	22.67		
15	256QAM	1	0	21.09	21.03	21.06	21.00	21.06		
15	256QAM	1	37	20.92	21.01	21.05	20.93	21.08	22	1.8
15	256QAM	1	74	21.02	20.92	21.09	20.91	20.91		
15	256QAM	36	0	21.04	20.98	21.04	20.89	21.03		
15	256QAM	36	20	21.01	20.99	20.96	20.85	21.12	22	1.8
15	256QAM	36	39	21.03	21.01	21.01	20.92	20.98		
15	256QAM	75	0	20.97	21.03	20.97	20.97	20.96		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.90	22.81	22.88	22.84	22.83		
10	QPSK	1	25	22.69	22.82	22.80	22.71	22.84	24	0
10	QPSK	1	49	22.73	22.73	22.88	22.72	22.83		
10	QPSK	25	0	22.85	22.83	22.82	22.72	22.82		
10	QPSK	25	12	22.81	22.68	22.80	22.65	22.77	23.8	0
10	QPSK	25	25	22.86	22.67	22.80	22.73	22.83		
10	QPSK	50	0	22.73	22.80	22.89	22.78	22.71		
10	16QAM	1	0	22.70	22.70	22.81	22.68	22.74		
10	16QAM	1	25	22.70	22.71	22.67	22.67	22.77	23.8	0
10	16QAM	1	49	22.70	22.63	22.66	22.58	22.66		
10	16QAM	25	0	22.71	22.66	22.75	22.63	22.80		
10	16QAM	25	12	22.75	22.72	22.66	22.61	22.67	23.8	0
10	16QAM	25	25	22.73	22.57	22.71	22.65	22.78		
10	16QAM	50	0	22.66	22.74	22.83	22.75	22.71		
10	64QAM	1	0	22.81	22.72	22.71	22.69	22.87		
10	64QAM	1	25	22.66	22.72	22.76	22.75	22.64	23.8	0
10	64QAM	1	49	22.63	22.60	22.75	22.63	22.68		
10	64QAM	25	0	22.69	22.60	22.82	22.62	22.77		
10	64QAM	25	12	22.73	22.58	22.59	22.69	22.69	23.8	0
10	64QAM	25	25	22.75	22.68	22.74	22.65	22.71		
10	64QAM	50	0	22.62	22.65	22.81	22.63	22.63		
10	256QAM	1	0	20.99	20.99	21.07	20.92	21.05		
10	256QAM	1	25	20.99	21.03	20.98	21.02	21.12	22	1.8
10	256QAM	1	49	20.95	20.90	21.02	20.90	20.99		
10	256QAM	25	0	21.03	20.88	21.12	20.93	21.04		
10	256QAM	25	12	21.05	21.01	20.95	20.82	21.14	22	1.8
10	256QAM	25	25	21.05	20.91	21.08	21.00	20.97		
10	256QAM	50	0	20.98	21.07	20.96	20.86	20.92		
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	22.92	22.89	22.82	22.80	22.89		
5	QPSK	1	12	22.80	22.79	22.83	22.69	22.86	24	0
5	QPSK	1	24	22.80	22.66	22.80	22.68	22.73		
5	QPSK	12	0	22.84	22.78	22.87	22.73	22.83		
5	QPSK	12	7	22.73	22.71	22.78	22.75	22.78	23.8	0
5	QPSK	12	13	22.81	22.69	22.78	22.70	22.78		
5	QPSK	25	0	22.77	22.82	22.89	22.77	22.77		
5	16QAM	1	0	22.72	22.75	22.81	22.67	22.73		
5	16QAM	1	12	22.66	22.73	22.69	22.72	22.72	23.8	0
5	16QAM	1	24	22.70	22.68	22.66	22.54	22.67		
5	16QAM	12	0	22.67	22.73	22.76	22.72	22.79		
5	16QAM	12	7	22.71	22.71	22.68	22.67	22.68	23.8	0
5	16QAM	12	13	22.74	22.60	22.68	22.61	22.75		
5	16QAM	25	0	22.72	22.76	22.73	22.78	22.64		
5	64QAM	1	0	22.84	22.76	22.74	22.63	22.80		
5	64QAM	1	12	22.67	22.75	22.67	22.64	22.68	23.8	0
5	64QAM	1	24	22.67	22.60	22.70	22.65	22.70		
5	64QAM	12	0	22.71	22.70	22.82	22.63	22.70		
5	64QAM	12	7	22.75	22.66	22.61	22.63	22.66	23.8	0
5	64QAM	12	13	22.73	22.65	22.75	22.61	22.71		
5	64QAM	25	0	22.59	22.66	22.76	22.67	22.71		
5	256QAM	1	0	21.07	21.00	21.11	20.99	21.11		
5	256QAM	1	12	20.94	21.05	21.01	21.00	21.05	22	1.8
5	256QAM	1	24	20.92	20.95	21.09	20.90	20.97		
5	256QAM	12	0	21.09	20.99	21.06	20.83	20.98		
5	256QAM	12	7	21.00	20.96	20.98	20.91	21.03	22	1.8
5	256QAM	12	13	21.08	20.91	21.11	20.90	20.97		
5	256QAM	25	0	20.98	21.08	21.07	20.92	20.91		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.67	22.70	22.65	22.63		
20	QPSK	1	49	22.62	22.60	22.54	22.52	23.7	0
20	QPSK	1	99	22.62	22.67	22.62	22.59		
20	QPSK	50	0	22.64	22.67	22.63	22.62		
20	QPSK	50	24	22.55	22.64	22.64	22.57	23	0.7
20	QPSK	50	50	22.58	22.60	22.57	22.61		
20	QPSK	100	0	22.61	22.64	22.61	22.60		
20	16QAM	1	0	22.02	21.95	21.92	21.88		
20	16QAM	1	49	21.97	21.95	21.82	21.87	23	0.7
20	16QAM	1	99	21.92	21.91	21.92	21.86		
20	16QAM	50	0	21.02	20.95	20.97	20.88		
20	16QAM	50	24	20.94	20.87	20.84	20.85	22	1.7
20	16QAM	50	50	20.94	21.00	20.94	20.91		
20	16QAM	100	0	20.89	20.99	20.94	20.89		
20	64QAM	1	0	20.86	20.96	20.95	20.91		
20	64QAM	1	49	20.87	20.88	20.83	20.88	22	1.7
20	64QAM	1	99	20.89	20.94	20.89	20.91		
20	64QAM	50	0	19.92	19.95	19.97	19.93		
20	64QAM	50	24	19.96	19.88	19.87	19.88	21	2.7
20	64QAM	50	50	19.98	19.95	19.92	19.87		
20	64QAM	100	0	19.96	19.94	19.89	19.95		
20	256QAM	1	0	18.01	18.02	18.00	17.88		
20	256QAM	1	49	17.94	17.91	17.78	17.86	19	4.7
20	256QAM	1	99	17.95	17.94	17.97	17.87		
20	256QAM	50	0	17.90	18.00	17.94	17.95		
20	256QAM	50	24	17.81	17.94	17.97	17.86	19	4.7
20	256QAM	50	50	17.92	17.94	17.81	17.89		
20	256QAM	100	0	17.90	17.90	17.94	17.87		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.57	22.60	22.54	22.61		
15	QPSK	1	37	22.53	22.48	22.45	22.48	23.7	0
15	QPSK	1	74	22.55	22.57	22.56	22.57		
15	QPSK	36	0	22.59	22.62	22.57	22.49		
15	QPSK	36	20	22.43	22.61	22.61	22.48	23	0.7
15	QPSK	36	39	22.48	22.52	22.54	22.52		
15	QPSK	75	0	22.50	22.59	22.50	22.50		
15	16QAM	1	0	21.94	21.86	21.79	21.80		
15	16QAM	1	37	21.90	21.84	21.78	21.75	23	0.7
15	16QAM	1	74	21.82	21.84	21.79	21.78		
15	16QAM	36	0	20.96	20.92	20.89	20.85		
15	16QAM	36	20	20.86	20.75	20.71	20.77	22	1.7
15	16QAM	36	39	20.89	20.95	20.83	20.88		
15	16QAM	75	0	20.80	20.90	20.89	20.77		
15	64QAM	1	0	20.79	20.86	20.90	20.81		
15	64QAM	1	37	20.84	20.74	20.78	20.85	22	1.7
15	64QAM	1	74	20.86	20.81	20.81	20.84		
15	64QAM	36	0	19.81	19.89	19.91	19.87		
15	64QAM	36	20	19.84	19.84	19.76	19.81	21	2.7
15	64QAM	36	39	19.93	19.91	19.79	19.74		
15	64QAM	75	0	19.86	19.86	19.78	19.84		
15	256QAM	1	0	17.94	17.89	17.95	17.83		
15	256QAM	1	37	17.85	17.82	17.72	17.80	19	4.7
15	256QAM	1	74	17.87	17.82	17.84	17.82		
15	256QAM	36	0	17.78	17.95	17.85	17.86		
15	256QAM	36	20	17.68	17.84	17.92	17.73	19	4.7
15	256QAM	36	39	17.80	17.83	17.72	17.85		
15	256QAM	75	0	17.85	17.76	17.83	17.73		
Channel				55290	55815	56155	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.64	22.59	22.60	22.50		
10	QPSK	1	25	22.56	22.54	22.42	22.45	23.7	0
10	QPSK	1	49	22.50	22.60	22.50	22.54		
10	QPSK	25	0	22.59	22.57	22.52	22.52		
10	QPSK	25	12	22.48	22.52	22.52	22.53	23	0.7
10	QPSK	25	25	22.51	22.57	22.50	22.48		
10	QPSK	50	0	22.59	22.51	22.56	22.48		
10	16QAM	1	0	21.99	21.83	21.81	21.80		
10	16QAM	1	25	21.93	21.93	21.77	21.77	23	0.7
10	16QAM	1	49	21.78	21.79	21.84	21.79		
10	16QAM	25	0	20.93	20.84	20.94	20.81		
10	16QAM	25	12	20.85	20.80	20.77	20.73	22	1.7
10	16QAM	25	25	20.90	20.95	20.92	20.86		
10	16QAM	50	0	20.78	20.90	20.85	20.84		
10	64QAM	1	0	20.75	20.88	20.86	20.83		
10	64QAM	1	25	20.73	20.78	20.76	20.77	22	1.7
10	64QAM	1	49	20.80	20.92	20.82	20.88		
10	64QAM	25	0	19.82	19.83	19.91	19.87		
10	64QAM	25	12	19.91	19.80	19.84	19.82	21	2.7
10	64QAM	25	25	19.95	19.87	19.90	19.80		
10	64QAM	50	0	19.87	19.86	19.84	19.86		
10	256QAM	1	0	17.93	17.92	17.92	17.85		
10	256QAM	1	25	17.85	17.81	17.72	17.73	19	4.7
10	256QAM	1	49	17.85	17.81	17.84	17.81		
10	256QAM	25	0	17.88	17.96	17.88	17.89		
10	256QAM	25	12	17.68	17.83	17.92	17.80	19	4.7
10	256QAM	25	25	17.79	17.91	17.74	17.76		
10	256QAM	50	0	17.76	17.88	17.90	17.78		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3553.5	3607	3643	3697.5		
5	QPSK	1	0	22.60	22.58	22.52	22.53		
5	QPSK	1	12	22.59	22.54	22.52	22.43	23.7	0
5	QPSK	1	24	22.49	22.64	22.57	22.48		
5	QPSK	12	0	22.53	22.64	22.50	22.60		
5	QPSK	12	7	22.52	22.57	22.61	22.52	23	0.7
5	QPSK	12	13	22.53	22.47	22.49	22.54		
5	QPSK	25	0	22.50	22.58	22.50	22.57		
5	16QAM	1	0	21.89	21.83	21.87	21.76		
5	16QAM	1	12	21.85	21.85	21.73	21.82	23	0.7
5	16QAM	1	24	21.78	21.84	21.87	21.75		
5	16QAM	12	0	20.93	20.87	20.90	20.84		
5	16QAM	12	7	20.81	20.80	20.78	20.76	22	1.7
5	16QAM	12	13	20.89	20.96	20.81	20.77		
5	16QAM	25	0	20.79	20.87	20.85	20.76		
5	64QAM	1	0	20.76	20.90	20.88	20.85		
5	64QAM	1	12	20.76	20.85	20.73	20.76	22	1.7
5	64QAM	1	24	20.81	20.85	20.87	20.78		
5	64QAM	12	0	19.89	19.84	19.87	19.85		
5	64QAM	12	7	19.86	19.76	19.77	19.76	21	2.7
5	64QAM	12	13	19.92	19.82	19.86	19.78		
5	64QAM	25	0	19.82	19.81	19.81	19.89		
5	256QAM	1	0	17.90	17.96	17.88	17.76		
5	256QAM	1	12	17.83	17.78	17.75	17.74	19	4.7
5	256QAM	1	24	17.86	17.92	17.93	17.74		
5	256QAM	12	0	17.88	17.96	17.81	17.84		
5	256QAM	12	7	17.74	17.85	17.85	17.75	19	4.7
5	256QAM	12	13	17.86	17.81	17.77	17.79		
5	256QAM	25	0	17.77	17.81	17.84	17.75		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.60	17.65	17.58	17.56	18.8	0
20	QPSK	1	49	17.52	17.54	17.55	17.48		
20	QPSK	1	99	17.57	17.51	17.46	17.44		
20	QPSK	50	0	17.46	17.62	17.51	17.51	18.8	0
20	QPSK	50	24	17.49	17.59	17.51	17.50		
20	QPSK	50	50	17.52	17.55	17.55	17.50		
20	QPSK	100	0	17.54	17.58	17.55	17.47		
20	16QAM	1	0	17.53	17.53	17.52	17.49	18.8	0
20	16QAM	1	49	17.38	17.45	17.47	17.39		
20	16QAM	1	99	17.51	17.49	17.43	17.34		
20	16QAM	50	0	17.37	17.57	17.48	17.44	18.8	0
20	16QAM	50	24	17.38	17.51	17.46	17.36		
20	16QAM	50	50	17.39	17.49	17.43	17.41		
20	16QAM	100	0	17.48	17.45	17.48	17.36		
20	64QAM	1	0	17.47	17.52	17.45	17.49	18.8	0
20	64QAM	1	49	17.42	17.42	17.47	17.44		
20	64QAM	1	99	17.51	17.43	17.38	17.40		
20	64QAM	50	0	17.41	17.53	17.43	17.46	18.8	0
20	64QAM	50	24	17.37	17.46	17.44	17.45		
20	64QAM	50	50	17.42	17.49	17.46	17.41		
20	64QAM	100	0	17.46	17.53	17.47	17.33		
20	256QAM	1	0	17.53	17.55	17.48	17.48	18.8	0
20	256QAM	1	49	17.40	17.40	17.42	17.45		
20	256QAM	1	99	17.49	17.45	17.41	17.39		
20	256QAM	50	0	17.42	17.54	17.40	17.38	18.8	0
20	256QAM	50	24	17.44	17.47	17.48	17.44		
20	256QAM	50	50	17.38	17.51	17.50	17.36		
20	256QAM	100	0	17.49	17.50	17.51	17.37		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.57	17.62	17.52	17.48	18.8	0
15	QPSK	1	37	17.38	17.49	17.44	17.40		
15	QPSK	1	74	17.44	17.48	17.35	17.39		
15	QPSK	36	0	17.37	17.59	17.44	17.48	18.8	0
15	QPSK	36	20	17.39	17.47	17.49	17.36		
15	QPSK	36	39	17.45	17.47	17.44	17.39		
15	QPSK	75	0	17.51	17.49	17.43	17.37		
15	16QAM	1	0	17.39	17.50	17.47	17.45	18.8	0
15	16QAM	1	37	17.31	17.32	17.39	17.31		
15	16QAM	1	74	17.47	17.37	17.39	17.22		
15	16QAM	36	0	17.25	17.50	17.44	17.40	18.8	0
15	16QAM	36	20	17.33	17.45	17.36	17.23		
15	16QAM	36	39	17.34	17.40	17.41	17.33		
15	16QAM	75	0	17.34	17.34	17.41	17.25		
15	64QAM	1	0	17.39	17.41	17.35	17.37	18.8	0
15	64QAM	1	37	17.34	17.38	17.41	17.37		
15	64QAM	1	74	17.47	17.31	17.36	17.33		
15	64QAM	36	0	17.35	17.46	17.39	17.42	18.8	0
15	64QAM	36	20	17.28	17.42	17.33	17.34		
15	64QAM	36	39	17.37	17.47	17.37	17.30		
15	64QAM	75	0	17.38	17.46	17.42	17.28		
15	256QAM	1	0	17.42	17.43	17.35	17.40	18.8	0
15	256QAM	1	37	17.30	17.36	17.39	17.33		
15	256QAM	1	74	17.44	17.43	17.28	17.28		
15	256QAM	36	0	17.32	17.42	17.29	17.28	18.8	0
15	256QAM	36	20	17.33	17.36	17.37	17.31		
15	256QAM	36	39	17.25	17.40	17.43	17.33		
15	256QAM	75	0	17.41	17.45	17.41	17.28		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.57	17.61	17.49	17.48	18.8	0
10	QPSK	1	25	17.49	17.43	17.53	17.42		
10	QPSK	1	49	17.44	17.47	17.42	17.37		
10	QPSK	25	0	17.43	17.48	17.44	17.42	18.8	0
10	QPSK	25	12	17.37	17.53	17.40	17.40		
10	QPSK	25	25	17.40	17.47	17.41	17.44		
10	QPSK	50	0	17.42	17.48	17.45	17.43		
10	16QAM	1	0	17.42	17.50	17.49	17.41	18.8	0
10	16QAM	1	25	17.32	17.42	17.36	17.25		
10	16QAM	1	49	17.38	17.35	17.32	17.21		
10	16QAM	25	0	17.28	17.45	17.45	17.34	18.8	0
10	16QAM	25	12	17.28	17.42	17.32	17.24		
10	16QAM	25	25	17.36	17.37	17.35	17.33		
10	16QAM	50	0	17.43	17.36	17.44	17.29		
10	64QAM	1	0	17.41	17.46	17.41	17.38	18.8	0
10	64QAM	1	25	17.31	17.29	17.44	17.37		
10	64QAM	1	49	17.39	17.40	17.34	17.34		
10	64QAM	25	0	17.33	17.50	17.37	17.35	18.8	0
10	64QAM	25	12	17.25	17.42	17.30	17.39		
10	64QAM	25	25	17.34	17.39	17.40	17.38		
10	64QAM	50	0	17.40	17.49	17.39	17.25		
10	256QAM	1	0	17.41	17.45	17.39	17.43	18.8	0
10	256QAM	1	25	17.36	17.33	17.37	17.39		
10	256QAM	1	49	17.46	17.43	17.37	17.34		
10	256QAM	25	0	17.28	17.48	17.33	17.24	18.8	0
10	256QAM	25	12	17.37	17.38	17.44	17.39		
10	256QAM	25	25	17.36	17.38	17.36	17.32		
10	256QAM	50	0	17.42	17.46	17.39	17.27		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3645	3697.5		
5	QPSK	1	0	17.49	17.63	17.47	17.46	18.8	0
5	QPSK	1	12	17.40	17.48	17.51	17.37		
5	QPSK	1	24	17.53	17.44	17.35	17.38		
5	QPSK	12	0	17.34	17.58	17.41	17.46	18.8	0
5	QPSK	12	7	17.35	17.47	17.39	17.45		
5	QPSK	12	13	17.40	17.42	17.49	17.39		
5	QPSK	25	0	17.45	17.49	17.45	17.36		
5	16QAM	1	0	17.47	17.44	17.47	17.38	18.8	0
5	16QAM	1	12	17.34	17.42	17.40	17.25		
5	16QAM	1	24	17.48	17.45	17.31	17.25		
5	16QAM	12	0	17.29	17.45	17.43	17.34	18.8	0
5	16QAM	12	7	17.32	17.44	17.40	17.24		
5	16QAM	12	13	17.30	17.45	17.39	17.30		
5	16QAM	25	0	17.38	17.34	17.37	17.23		
5	64QAM	1	0	17.43	17.45	17.33	17.45	18.8	0
5	64QAM	1	12	17.37	17.34	17.34	17.32		
5	64QAM	1	24	17.42	17.31	17.32	17.38		
5	64QAM	12	0	17.33	17.43	17.31	17.40	18.8	0
5	64QAM	12	7	17.35	17.40	17.36	17.33		
5	64QAM	12	13	17.38	17.46	17.34	17.39		
5	64QAM	25	0	17.39	17.48	17.39	17.20		
5	256QAM	1	0	17.51	17.45	17.40	17.41	18.8	0
5	256QAM	1	12	17.29	17.37	17.36	17.37		
5	256QAM	1	24	17.42	17.41	17.37	17.27		
5	256QAM	12	0	17.40	17.42	17.29	17.33	18.8	0
5	256QAM	12	7	17.37	17.40	17.41	17.37		
5	256QAM	12	13	17.30	17.41	17.44	17.34		
5	256QAM	25	0	17.36	17.46	17.40	17.30		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3660	3609	3641	3690		
20	QPSK	1	0	21.26	21.35	21.28	21.32	22.5	0
20	QPSK	1	49	21.20	21.23	21.20	21.26		
20	QPSK	1	99	21.24	21.29	21.19	21.20		
20	QPSK	50	0	21.20	21.30	21.24	21.26	22.5	0
20	QPSK	50	24	21.14	21.22	21.20	21.22		
20	QPSK	50	50	21.18	21.27	21.18	21.29		
20	QPSK	100	0	21.19	21.29	21.25	21.27		
20	16QAM	1	0	21.20	21.27	21.22	21.25	22.5	0
20	16QAM	1	49	21.14	21.20	21.09	21.14		
20	16QAM	1	99	21.18	21.18	21.07	21.07		
20	16QAM	50	0	20.74	20.90	20.79	20.82	22	0.5
20	16QAM	50	24	20.64	20.69	20.75	20.73		
20	16QAM	50	50	20.73	20.78	20.67	20.75		
20	16QAM	100	0	20.67	20.80	20.78	20.76		
20	64QAM	1	0	20.69	20.73	20.71	20.68	22	0.5
20	64QAM	1	49	20.68	20.80	20.72	20.83		
20	64QAM	1	99	20.71	20.74	20.78	20.79		
20	64QAM	50	0	19.73	19.88	19.82	19.78	21	1.5
20	64QAM	50	24	19.74	19.75	19.73	19.78		
20	64QAM	50	50	19.74	19.77	19.70	19.65		
20	64QAM	100	0	19.67	19.76	19.68	19.75		
20	256QAM	1	0	17.76	17.87	17.81	17.83	19	3.5
20	256QAM	1	49	17.74	17.67	17.69	17.72		
20	256QAM	1	99	17.73	17.79	17.72	17.69		
20	256QAM	50	0	17.67	17.80	17.75	17.71	19	3.5
20	256QAM	50	24	17.62	17.68	17.66	17.67		
20	256QAM	50	50	17.62	17.75	17.67	17.75		
20	256QAM	100	0	17.64	17.78	17.76	17.82		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3657.5	3608	3642	3692.5		
15	QPSK	1	0	21.18	21.30	21.25	21.25	22.5	0
15	QPSK	1	37	21.10	21.11	21.09	21.18		
15	QPSK	1	74	21.20	21.22	21.08	21.12		
15	QPSK	36	0	21.10	21.28	21.21	21.23	22.5	0
15	QPSK	36	20	21.04	21.10	21.13	21.09		
15	QPSK	36	39	21.10	21.22	21.11	21.19		
15	QPSK	75	0	21.13	21.21	21.20	21.18		
15	16QAM	1	0	21.16	21.14	21.10	21.16	22.5	0
15	16QAM	1	37	21.04	21.11	20.98	21.01		
15	16QAM	1	74	21.07	21.09	21.04	20.96		
15	16QAM	36	0	20.61	20.81	20.66	20.76	22	0.5
15	16QAM	36	20	20.59	20.61	20.71	20.65		
15	16QAM	36	39	20.60	20.69	20.57	20.71		
15	16QAM	75	0	20.55	20.75	20.75	20.63		
15	64QAM	1	0	20.63	20.70	20.64	20.58	22	0.5
15	64QAM	1	37	20.62	20.71	20.61	20.76		
15	64QAM	1	74	20.69	20.68	20.72	20.68		
15	64QAM	36	0	19.67	19.75	19.71	19.74	21	1.5
15	64QAM	36	20	19.65	19.66	19.65	19.73		
15	64QAM	36	39	19.72	19.74	19.65	19.61		
15	64QAM	75	0	19.54	19.65	19.65	19.67		
15	256QAM	1	0	17.63	17.77	17.71	17.76	19	3.5
15	256QAM	1	37	17.62	17.60	17.63	17.58		
15	256QAM	1	74	17.71	17.72	17.60	17.63		
15	256QAM	36	0	17.57	17.66	17.68	17.60	19	3.5
15	256QAM	36	20	17.49	17.55	17.54	17.65		
15	256QAM	36	39	17.52	17.72	17.63	17.62		
15	256QAM	75	0	17.57	17.72	17.63	17.79		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3655	3607.5	3642.5	3695		
10	QPSK	1	0	21.21	21.23	21.17	21.19	22.5	0
10	QPSK	1	25	21.11	21.13	21.07	21.18		
10	QPSK	1	49	21.19	21.15	21.13	21.15		
10	QPSK	25	0	21.07	21.18	21.18	21.14	22.5	0
10	QPSK	25	12	21.07	21.12	21.08	21.19		
10	QPSK	25	25	21.16	21.24	21.09	21.22		
10	QPSK	50	0	21.13	21.15	21.20	21.20		
10	16QAM	1	0	21.12	21.20	21.15	21.15	22.5	0
10	16QAM	1	25	21.04	21.10	20.98	21.02		
10	16QAM	1	49	21.10	21.08	20.97	21.04		
10	16QAM	25	0	20.71	20.81	20.67	20.73	22	0.5
10	16QAM	25	12	20.52	20.62	20.67	20.66		
10	16QAM	25	25	20.59	20.67	20.62	20.68		
10	16QAM	50	0	20.61	20.76	20.65	20.68		
10	64QAM	1	0	20.55	20.70	20.64	20.59	22	0.5
10	64QAM	1	25	20.55	20.72	20.67	20.73		
10	64QAM	1	49	20.61	20.69	20.67	20.74		
10	64QAM	25	0	19.67	19.76	19.72	19.74	21	1.5
10	64QAM	25	12	19.61	19.69	19.65	19.76		
10	64QAM	25	25	19.66	19.72	19.59	19.60		
10	64QAM	50	0	19.55	19.63	19.64	19.72		
10	256QAM	1	0	17.65	17.83	17.73	17.78	19	3.5
10	256QAM	1	25	17.65	17.56	17.65	17.59		
10	256QAM	1	49	17.60	17.65	17.59	17.63		
10	256QAM	25	0	17.63	17.68	17.72	17.62	19	3.5
10	256QAM	25	12	17.53	17.58	17.55	17.61		
10	256QAM	25	25	17.48	17.62	17.63	17.70		
10	256QAM	50	0	17.55	17.72	17.68	17.69		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3652.5	3607	3645	3697.5		
5	QPSK	1	0	21.14	21.31	21.23	21.21	22.5	0
5	QPSK	1	12	21.12	21.15	21.07	21.23		
5	QPSK	1	24	21.19	21.19	21.14	21.15		
5	QPSK	12	0	21.07	21.24	21.21	21.13	22.5	0
5	QPSK	12	7	21.07	21.16	21.07	21.19		
5	QPSK	12	13	21.14	21.14	21.12	21.23		
5	QPSK	25	0	21.08	21.20	21.17	21.20		
5	16QAM	1	0	21.13	21.17	21.16	21.14	22.5	0
5	16QAM	1	12	21.00	21.14	20.96	21.04		
5	16QAM	1	24	21.10	21.12	21.00	21.04		
5	16QAM	12	0	20.80	20.80	20.73	20.78	22	0.5
5	16QAM	12	7	20.58	20.55	20.66	20.64		
5	16QAM	12	13	20.69	20.65	20.56	20.71		
5	16QAM	25	0	20.63	20.75	20.65	20.70		
5	64QAM	1	0	20.62	20.69	20.61	20.55	22	0.5
5	64QAM	1	12	20.60	20.76	20.61	20.74		
5	64QAM	1	24	20.59	20.61	20.70	20.74		
5	64QAM	12	0	19.60	19.78	19.72	19.76	21	1.5
5	64QAM	12	7	19.66	19.63	19.61	19.69		
5	64QAM	12	13	19.68	19.65	19.61	19.52		
5	64QAM	25	0	19.61	19.69	19.55	19.65		
5	256QAM	1	0	17.65	17.76	17.78	17.69	19	3.5
5	256QAM	1	12	17.65	17.56	17.56	17.65		
5	256QAM	1	24	17.67	17.72	17.64	17.65		
5	256QAM	12	0	17.58	17.75	17.68	17.67	19	3.5
5	256QAM	12	7	17.50	17.57	17.61	17.60		
5	256QAM	12	13	17.51	17.61	17.54	17.68		
5	256QAM	25	0	17.51	17.76	17.66	17.78		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3660	3609	3641	3696		
20	QPSK	1	0	22.00	22.07	22.01	22.05	23.4	0
20	QPSK	1	49	21.94	21.94	21.99	22.01		
20	QPSK	1	99	21.95	22.04	21.99	21.99		
20	QPSK	50	0	21.89	22.03	21.91	22.01	23	0.4
20	QPSK	50	24	21.93	21.98	21.97	21.96		
20	QPSK	50	50	21.89	21.95	21.90	21.93		
20	QPSK	100	0	21.89	22.00	21.89	21.93		
20	16QAM	1	0	21.58	21.69	21.60	21.62	23	0.4
20	16QAM	1	49	21.51	21.57	21.65	21.60		
20	16QAM	1	99	21.54	21.61	21.58	21.55		
20	16QAM	50	0	20.54	20.66	20.62	20.62	22	1.4
20	16QAM	50	24	20.59	20.59	20.60	20.56		
20	16QAM	50	50	20.51	20.61	20.62	20.59		
20	16QAM	100	0	20.48	20.68	20.50	20.63		
20	64QAM	1	0	20.50	20.54	20.61	20.55	22	1.4
20	64QAM	1	49	20.48	20.51	20.48	20.59		
20	64QAM	1	99	20.49	20.65	20.47	20.53		
20	64QAM	50	0	19.56	19.63	19.67	19.61	21	2.4
20	64QAM	50	24	19.59	19.49	19.64	19.61		
20	64QAM	50	50	19.54	19.59	19.55	19.58		
20	64QAM	100	0	19.52	19.66	19.52	19.65		
20	256QAM	1	0	17.64	17.68	17.56	17.68	19	4.4
20	256QAM	1	49	17.58	17.59	17.53	17.66		
20	256QAM	1	99	17.60	17.69	17.61	17.60		
20	256QAM	50	0	17.52	17.61	17.46	17.63	19	4.4
20	256QAM	50	24	17.50	17.61	17.55	17.53		
20	256QAM	50	50	17.44	17.56	17.49	17.50		
20	256QAM	100	0	17.50	17.56	17.53	17.47		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3657.5	3608	3642	3692.5		
15	QPSK	1	0	21.90	22.02	21.88	21.97	23.4	0
15	QPSK	1	37	21.86	21.84	21.93	21.98		
15	QPSK	1	74	21.92	21.90	21.86	21.87		
15	QPSK	36	0	21.86	21.94	21.86	21.95	23	0.4
15	QPSK	36	20	21.86	21.92	21.84	21.93		
15	QPSK	36	39	21.75	21.89	21.87	21.83		
15	QPSK	75	0	21.78	21.94	21.86	21.87		
15	16QAM	1	0	21.51	21.60	21.57	21.51	23	0.4
15	16QAM	1	37	21.41	21.47	21.61	21.54		
15	16QAM	1	74	21.45	21.50	21.52	21.52		
15	16QAM	36	0	20.47	20.54	20.56	20.51	22	1.4
15	16QAM	36	20	20.50	20.49	20.55	20.49		
15	16QAM	36	39	20.47	20.55	20.58	20.54		
15	16QAM	75	0	20.36	20.64	20.39	20.60		
15	64QAM	1	0	20.44	20.48	20.48	20.41	22	1.4
15	64QAM	1	37	20.40	20.46	20.37	20.45		
15	64QAM	1	74	20.39	20.58	20.34	20.44		
15	64QAM	36	0	19.52	19.58	19.58	19.51	21	2.4
15	64QAM	36	20	19.48	19.36	19.53	19.52		
15	64QAM	36	39	19.47	19.52	19.47	19.44		
15	64QAM	75	0	19.48	19.55	19.39	19.62		
15	256QAM	1	0	17.55	17.60	17.45	17.60	19	4.4
15	256QAM	1	37	17.51	17.46	17.49	17.63		
15	256QAM	1	74	17.55	17.66	17.49	17.54		
15	256QAM	36	0	17.38	17.54	17.40	17.56	19	4.4
15	256QAM	36	20	17.38	17.55	17.44	17.41		
15	256QAM	36	39	17.40	17.43	17.38	17.39		
15	256QAM	75	0	17.47	17.46	17.47	17.37		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3655	3607.5	3642.5	3695		
10	QPSK	1	0	21.90	21.95	21.87	21.99	23.4	0
10	QPSK	1	25	21.90	21.85	21.96	21.94		
10	QPSK	1	49	21.91	21.95	21.92	21.93		
10	QPSK	25	0	21.83	21.99	21.85	21.98	23	0.4
10	QPSK	25	12	21.83	21.85	21.90	21.91		
10	QPSK	25	25	21.86	21.86	21.78	21.82		
10	QPSK	50	0	21.82	21.89	21.81	21.88		
10	16QAM	1	0	21.54	21.57	21.54	21.50	23	0.4
10	16QAM	1	25	21.48	21.48	21.60	21.47		
10	16QAM	1	49	21.47	21.59	21.53	21.46		
10	16QAM	25	0	20.48	20.58	20.49	20.50	22	1.4
10	16QAM	25	12	20.57	20.52	20.51	20.47		
10	16QAM	25	25	20.44	20.53	20.54	20.48		
10	16QAM	50	0	20.46	20.64	20.45	20.52		
10	64QAM	1	0	20.38	20.46	20.54	20.51	22	1.4
10	64QAM	1	25	20.39	20.48	20.41	20.57		
10	64QAM	1	49	20.38	20.57	20.35	20.45		
10	64QAM	25	0	19.43	19.60	19.56	19.58	21	2.4
10	64QAM	25	12	19.47	19.39	19.56	19.53		
10	64QAM	25	25	19.46	19.49	19.47	19.45		
10	64QAM	50	0	19.45	19.55	19.44	19.56		
10	256QAM	1	0	17.58	17.61	17.44	17.66	19	4.4
10	256QAM	1	25	17.55	17.56	17.41	17.60		
10	256QAM	1	49	17.47	17.58	17.57	17.50		
10	256QAM	25	0	17.48	17.54	17.35	17.57	19	4.4
10	256QAM	25	12	17.43	17.50	17.44	17.50		
10	256QAM	25	25	17.31	17.45	17.39	17.47		
10	256QAM	50	0	17.42	17.50	17.46	17.43		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3652.5	3607	3643	3697.5		
5	QPSK	1	0	21.87	21.94	21.91	22.01	23.4	0
5	QPSK	1	12	21.84	21.91	21.92	21.94		
5	QPSK	1	24	21.85	21.95	21.89	21.94		
5	QPSK	12	0	21.78	21.93	21.81	21.92	23	0.4
5	QPSK	12	7	21.88	21.93	21.88	21.92		
5	QPSK	12	13	21.87	21.88	21.85	21.88		
5	QPSK	25	0	21.80	21.91	21.76	21.90		
5	16QAM	1	0	21.49	21.65	21.58	21.54	23	0.4
5	16QAM	1	12	21.45	21.47	21.62	21.54		
5	16QAM	1	24	21.49	21.52	21.52	21.50		
5	16QAM	12	0	20.47	20.56	20.51	20.52	22	1.4
5	16QAM	12	7	20.49	20.48	20.52	20.51		
5	16QAM	12	13	20.43	20.56	20.58	20.55		
5	16QAM	25	0	20.37	20.60	20.36	20.49		
5	64QAM	1	0	20.47	20.45	20.59	20.42	22	1.4
5	64QAM	1	12	20.37	20.38	20.41	20.46		
5	64QAM	1	24	20.39	20.52	20.34	20.42		
5	64QAM	12	0	19.48	19.53	19.59	19.54	21	2.4
5	64QAM	12	7	19.50	19.36	19.58	19.56		
5	64QAM	12	13	19.44	19.49	19.48	19.46		
5	64QAM	25	0	19.48	19.53	19.44	19.61		
5	256QAM	1	0	17.52	17.59	17.52	17.56	19	4.4
5	256QAM	1	12	17.52	17.52	17.45	17.60		
5	256QAM	1	24	17.50	17.62	17.56	17.56		
5	256QAM	12	0	17.46	17.54	17.39	17.57	19	4.4
5	256QAM	12	7	17.37	17.56	17.41	17.50		
5	256QAM	12	13	17.37	17.49	17.44	17.38		
5	256QAM	25	0	17.46	17.45	17.47	17.42		

Reduced Power Mode for ECI9

GSM850 Ant 0 ECI 9	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	128	189	251	(dBm)	128	189	251	(dBm)
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.64	31.70	31.67	33.50	22.64	22.70	22.67	24.50
GPRS 1 Tx slot	31.66	31.68	31.65	33.50	22.66	22.68	22.65	24.50
GPRS 2 Tx slots	30.62	30.66	30.58	32.00	24.62	24.66	24.58	26.00
GPRS 3 Tx slots	28.55	28.61	28.57	30.00	24.29	24.35	24.31	25.74
GPRS 4 Tx slots	27.46	27.48	27.42	29.00	24.46	24.48	24.42	26.00
EDGE 1 Tx slot	26.84	26.88	26.85	28.00	17.84	17.88	17.85	19.00
EDGE 2 Tx slots	25.55	25.64	25.62	26.50	19.55	19.64	19.62	20.50
EDGE 3 Tx slots	23.17	23.27	23.22	24.50	18.91	19.01	18.96	20.24
EDGE 4 Tx slots	21.83	21.94	21.93	23.00	18.83	18.94	18.93	20.00

GSM1900 Ant 0 ECI 9	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	512	661	810	(dBm)	512	661	810	(dBm)
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.99	28.10	28.06	29.00	18.99	19.10	19.06	20.00
GPRS 1 Tx slot	28.02	28.03	27.94	29.00	19.02	19.03	18.94	20.00
GPRS 2 Tx slots	26.07	26.15	26.04	27.10	20.07	20.15	20.04	21.10
GPRS 3 Tx slots	24.34	24.43	24.31	25.30	20.08	20.17	20.05	21.04
GPRS 4 Tx slots	23.00	23.10	23.06	24.10	20.00	20.10	20.06	21.10
EDGE 1 Tx slot	24.54	24.63	24.60	25.00	15.54	15.63	15.60	16.00
EDGE 2 Tx slots	23.15	23.18	23.16	24.00	17.15	17.18	17.16	18.00
EDGE 3 Tx slots	20.61	20.67	20.62	21.50	16.35	16.41	16.36	17.24
EDGE 4 Tx slots	19.04	19.09	19.05	20.00	16.04	16.09	16.05	17.00

Band		WCDMA II Ant 0 ECI 9			Tune-up Limit	WCDMA IV Ant 0 ECI 9			Tune-up Limit	WCDMA V Ant 0 ECI 9			Tune-up Limit
TX Channel		9262	9400	9538	(dBm)	1312	1413	1513	(dBm)	4132	4182	4233	(dBm)
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	15.84	15.90	15.78	17.00	18.54	18.55	18.44	19.70	24.18	24.32	24.22	25.00
3GPP Rel 99	RMC 12.2Kbps	15.90	15.95	15.87	17.00	18.58	18.60	18.55	19.70	24.26	24.34	24.29	25.00
3GPP Rel 6	HSDPA Subtest-1	14.95	14.94	14.84	16.00	17.56	17.62	17.57	18.70	23.31	23.37	23.40	24.00
3GPP Rel 6	HSDPA Subtest-2	14.93	14.89	14.88	16.00	17.61	17.65	17.51	18.70	23.27	23.36	23.22	24.00
3GPP Rel 6	HSDPA Subtest-3	14.35	14.51	14.32	15.50	17.08	17.13	17.03	18.20	22.81	22.90	22.83	23.50
3GPP Rel 6	HSDPA Subtest-4	14.43	14.47	14.35	15.50	17.05	17.09	17.10	18.20	22.76	22.86	22.73	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	14.94	14.99	14.92	16.00	17.54	17.65	17.50	18.70	23.32	23.36	23.37	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	14.90	14.97	14.86	16.00	17.54	17.57	17.55	18.70	23.18	23.27	23.20	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	14.38	14.40	14.32	15.50	17.10	17.07	17.02	18.20	22.69	22.85	22.66	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	14.41	14.50	14.37	15.50	17.12	17.12	17.09	18.20	22.58	22.71	22.71	23.50
3GPP Rel 6	HSUPA Subtest-1	14.88	14.94	14.91	16.00	17.58	17.61	17.54	18.70	23.13	23.28	23.19	24.00
3GPP Rel 6	HSUPA Subtest-2	12.94	12.89	12.88	14.00	15.58	15.57	15.57	16.70	21.23	21.37	21.28	22.00
3GPP Rel 6	HSUPA Subtest-3	13.89	13.96	13.81	15.00	16.56	16.61	16.52	17.70	22.34	22.44	22.35	23.00
3GPP Rel 6	HSUPA Subtest-4	12.85	13.00	12.93	14.00	15.63	15.61	15.52	16.70	21.22	21.29	21.22	22.00
3GPP Rel 6	HSUPA Subtest-5	14.93	14.99	14.93	16.00	17.53	17.55	17.52	18.70	23.16	23.28	23.27	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.40	12.44	12.33	13.50	15.06	15.06	15.01	16.20	20.78	20.96	20.89	21.50

GSM850 Ant 1 ECI 9	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	31.70	31.77	31.72	33.50	22.70	22.77	22.72	24.50
GPRS 1 Tx slot	31.69	31.74	31.67	33.50	22.69	22.74	22.67	24.50
GPRS 2 Tx slots	30.67	30.71	30.63	32.00	24.67	24.71	24.63	26.00
GPRS 3 Tx slots	28.55	28.64	28.59	30.00	24.29	24.38	24.33	25.74
GPRS 4 Tx slots	27.48	27.50	27.46	29.00	24.48	24.50	24.46	26.00
EDGE 1 Tx slot	26.58	26.69	26.68	28.00	17.58	17.69	17.68	19.00
EDGE 2 Tx slots	25.36	25.44	25.34	26.50	19.36	19.44	19.34	20.50
EDGE 3 Tx slots	23.05	23.10	23.01	24.50	18.79	18.84	18.75	20.24
EDGE 4 Tx slots	21.67	21.73	21.71	23.00	18.67	18.73	18.71	20.00

Band		WCDMA II Ant 1 ECI 9			Tune-up Limit (dBm)	WCDMA IV Ant 1 ECI 9			Tune-up Limit (dBm)	WCDMA V Ant 1 ECI 9			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	17.08	17.13	17.12	18.30	17.92	18.02	17.97	19.10	24.22	24.30	24.25	25.00
3GPP Rel 99	RMC 12.2Kbps	17.16	17.20	17.15	18.30	18.00	18.05	17.98	19.10	24.27	24.34	24.31	25.00
3GPP Rel 6	HSDPA Subtest-1	16.15	16.16	16.10	17.30	16.96	17.10	17.02	18.10	23.26	23.39	23.30	24.00
3GPP Rel 6	HSDPA Subtest-2	16.16	16.16	16.15	17.30	17.04	17.02	16.99	18.10	23.33	23.35	23.27	24.00
3GPP Rel 6	HSDPA Subtest-3	15.63	15.72	15.64	16.80	16.51	16.50	16.48	17.60	22.75	22.85	22.79	23.50
3GPP Rel 6	HSDPA Subtest-4	15.68	15.71	15.64	16.80	16.48	16.52	16.49	17.60	22.69	22.77	22.75	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	16.11	16.22	16.20	17.30	17.00	17.07	16.97	18.10	23.27	23.30	23.35	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.16	16.16	16.14	17.30	16.96	17.11	16.94	18.10	23.16	23.29	23.25	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.61	15.66	15.61	16.80	16.02	16.06	16.02	17.60	22.70	22.90	22.69	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.64	15.66	15.68	16.80	16.05	16.08	16.02	17.60	22.67	22.79	22.68	23.50
3GPP Rel 6	HSUPA Subtest-1	16.16	16.24	16.15	17.30	16.97	17.06	16.96	18.10	23.17	23.22	23.19	24.00
3GPP Rel 6	HSUPA Subtest-2	14.18	14.20	14.20	15.30	15.06	15.07	15.02	16.10	21.26	21.34	21.27	22.00
3GPP Rel 6	HSUPA Subtest-3	15.20	15.15	15.19	16.30	16.05	16.09	15.99	17.10	22.37	22.42	22.42	23.00
3GPP Rel 6	HSUPA Subtest-4	14.15	14.18	14.11	15.30	15.05	15.01	15.03	16.10	21.26	21.33	21.21	22.00
3GPP Rel 6	HSUPA Subtest-5	16.16	16.22	16.20	17.30	17.04	17.00	16.95	18.10	23.25	23.28	23.27	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.65	13.64	13.67	14.80	14.45	14.59	14.46	15.60	20.81	20.90	20.91	21.50

GSM1900 Ant 2 ECI 9	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	512	661	810	(dBm)	512	661	810	(dBm)
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	22.79	22.88	22.78	23.90	13.79	13.88	13.78	14.90
GPRS 1 Tx slot	22.82	22.83	22.65	23.90	13.82	13.83	13.65	14.90
GPRS 2 Tx slots	20.24	20.36	20.28	20.90	14.24	14.36	14.28	14.90
GPRS 3 Tx slots	18.60	18.56	18.48	19.10	14.34	14.30	14.22	14.84
GPRS 4 Tx slots	16.74	16.76	16.73	17.90	13.74	13.76	13.73	14.90
EDGE 1 Tx slot	22.69	22.69	22.68	23.90	13.69	13.69	13.68	14.90
EDGE 2 Tx slots	19.79	19.84	19.66	20.90	13.79	13.84	13.66	14.90
EDGE 3 Tx slots	17.87	17.97	17.96	19.10	13.61	13.71	13.70	14.84
EDGE 4 Tx slots	16.67	16.72	16.62	17.90	13.67	13.72	13.62	14.90

Band		WCDMA II Ant 2 ECI 9			Tune-up Limit	WCDMA IV Ant 2 ECI 9			Tune-up Limit
TX Channel		9262	9400	9538	(dBm)	1312	1413	1513	(dBm)
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	13.50	13.60	13.49	14.90	13.38	13.47	13.32	14.50
3GPP Rel 99	RMC 12.2Kbps	13.60	13.83	13.58	14.90	13.46	13.50	13.42	14.50
3GPP Rel 6	HSDPA Subtest-1	12.58	12.63	12.53	13.90	12.46	12.49	12.38	13.50
3GPP Rel 6	HSDPA Subtest-2	12.57	12.61	12.62	13.90	12.44	12.47	12.40	13.50
3GPP Rel 6	HSDPA Subtest-3	12.14	12.13	12.13	13.40	11.92	12.05	11.93	13.00
3GPP Rel 6	HSDPA Subtest-4	12.15	12.07	12.04	13.40	11.95	12.06	11.95	13.00
3GPP Rel 8	DC-HSDPA Subtest-1	12.60	12.63	12.53	13.90	12.41	12.47	12.41	13.50
3GPP Rel 8	DC-HSDPA Subtest-2	12.56	12.65	12.57	13.90	12.51	12.48	12.47	13.50
3GPP Rel 8	DC-HSDPA Subtest-3	12.14	12.11	12.06	13.40	11.99	11.99	11.97	13.00
3GPP Rel 8	DC-HSDPA Subtest-4	12.14	12.10	12.05	13.40	11.97	12.04	11.93	13.00
3GPP Rel 6	HSUPA Subtest-1	12.64	12.64	12.55	13.90	12.46	12.46	12.44	13.50
3GPP Rel 6	HSUPA Subtest-2	10.63	10.59	10.58	11.90	10.44	10.51	10.39	11.50
3GPP Rel 6	HSUPA Subtest-3	11.58	11.61	11.61	12.90	11.49	11.53	11.43	12.50
3GPP Rel 6	HSUPA Subtest-4	10.66	10.61	10.57	11.90	10.45	10.52	10.46	11.50
3GPP Rel 6	HSUPA Subtest-5	12.62	12.59	12.58	13.90	12.47	12.52	12.40	13.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	10.07	10.11	10.10	11.40	9.98	9.97	9.95	11.00

Band		WCDMA II Ant 3 ECI 9			Tune-up Limit (dBm)	WCDMA IV Ant 3 ECI 9			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	15.98	15.99	15.97	17.30	14.53	14.61	14.53	15.90
3GPP Rel 99	RMC 12.2Kbps	16.03	16.06	16.01	17.30	14.60	14.65	14.62	15.90
3GPP Rel 6	HSDPA Subtest-1	15.01	15.06	15.03	16.30	13.55	13.68	13.57	14.90
3GPP Rel 6	HSDPA Subtest-2	15.08	15.06	15.03	16.30	13.65	13.67	13.58	14.90
3GPP Rel 6	HSDPA Subtest-3	14.52	14.56	14.49	15.80	13.06	13.09	13.17	14.40
3GPP Rel 6	HSDPA Subtest-4	14.55	14.57	14.51	15.80	13.08	13.16	13.16	14.40
3GPP Rel 8	DC-HSDPA Subtest-1	15.08	15.06	14.95	16.30	13.56	13.65	13.66	14.90
3GPP Rel 8	DC-HSDPA Subtest-2	15.08	15.05	15.01	16.30	13.64	13.67	13.57	14.90
3GPP Rel 8	DC-HSDPA Subtest-3	14.55	14.52	14.54	15.80	13.10	13.20	13.10	14.40
3GPP Rel 8	DC-HSDPA Subtest-4	14.58	14.54	14.49	15.80	13.08	13.15	13.16	14.40
3GPP Rel 6	HSUPA Subtest-1	15.06	15.06	14.99	16.30	13.55	13.65	13.66	14.90
3GPP Rel 6	HSUPA Subtest-2	13.03	13.02	12.95	14.30	11.60	11.64	11.62	12.90
3GPP Rel 6	HSUPA Subtest-3	13.97	14.06	13.96	15.30	12.56	12.66	12.62	13.90
3GPP Rel 6	HSUPA Subtest-4	13.00	13.11	13.04	14.30	11.63	11.68	11.67	12.90
3GPP Rel 6	HSUPA Subtest-5	15.02	15.05	14.97	16.30	13.64	13.61	13.66	14.90
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.52	12.53	12.50	13.80	11.06	11.14	11.15	12.40

Band 2 Ant 0 ECI 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.80	18.82	18.77		
20	QPSK	1	49	18.65	18.80	18.76	20.1	0
20	QPSK	1	99	18.74	18.73	18.73		
20	QPSK	50	0	18.65	18.75	18.69		
20	QPSK	50	24	18.67	18.71	18.70	20.1	0
20	QPSK	50	50	18.64	18.72	18.68		
20	QPSK	100	0	18.71	18.73	18.69		
20	16QAM	1	0	18.71	18.70	18.67		
20	16QAM	1	49	18.64	18.67	18.57	20.1	0
20	16QAM	1	99	18.64	18.70	18.56		
20	16QAM	50	0	18.56	18.69	18.67		
20	16QAM	50	24	18.56	18.71	18.64	20.1	0
20	16QAM	50	50	18.70	18.67	18.57		
20	16QAM	100	0	18.55	18.66	18.65		
20	64QAM	1	0	18.79	18.72	18.70		
20	64QAM	1	49	18.58	18.70	18.62	20.1	0
20	64QAM	1	99	18.72	18.75	18.61		
20	64QAM	50	0	18.64	18.61	18.65		
20	64QAM	50	24	18.60	18.60	18.62	20.1	0
20	64QAM	50	50	18.67	18.52	18.55		
20	64QAM	100	0	18.49	18.65	18.71		
20	256QAM	1	0	17.69	17.69	17.68		
20	256QAM	1	49	17.64	17.75	17.57	19	1.1
20	256QAM	1	99	17.54	17.73	17.63		
20	256QAM	50	0	17.53	17.72	17.60		
20	256QAM	50	24	17.59	17.54	17.70	19	1.1
20	256QAM	50	50	17.52	17.51	17.66		
20	256QAM	100	0	17.48	17.60	17.65		
Channel				18675	18900	19125		
Frequency (MHz)				1857.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	18.76	18.73	18.66		
15	QPSK	1	37	18.56	18.71	18.70	20.1	0
15	QPSK	1	74	18.61	18.61	18.66		
15	QPSK	36	0	18.58	18.66	18.62		
15	QPSK	36	20	18.56	18.68	18.57	20.1	0
15	QPSK	36	39	18.52	18.60	18.64		
15	QPSK	75	0	18.58	18.63	18.66		
15	16QAM	1	0	18.64	18.58	18.55		
15	16QAM	1	37	18.51	18.54	18.48	20.1	0
15	16QAM	1	74	18.56	18.64	18.53		
15	16QAM	36	0	18.43	18.66	18.59		
15	16QAM	36	20	18.45	18.57	18.53	20.1	0
15	16QAM	36	39	18.59	18.54	18.47		
15	16QAM	75	0	18.52	18.59	18.60		
15	64QAM	1	0	18.72	18.64	18.67		
15	64QAM	1	37	18.54	18.66	18.50	20.1	0
15	64QAM	1	74	18.66	18.61	18.56		
15	64QAM	36	0	18.60	18.47	18.51		
15	64QAM	36	20	18.51	18.55	18.50	20.1	0
15	64QAM	36	39	18.64	18.43	18.52		
15	64QAM	75	0	18.40	18.54	18.61		
15	256QAM	1	0	17.59	17.60	17.65		
15	256QAM	1	37	17.60	17.45	17.57	19	1.1
15	256QAM	1	74	17.41	17.64	17.60		
15	256QAM	36	0	17.47	17.62	17.55		
15	256QAM	36	20	17.55	17.50	17.63	19	1.1
15	256QAM	36	39	17.40	17.52	17.53		
15	256QAM	75	0	17.37	17.52	17.57		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.67	18.70	18.74		
10	QPSK	1	25	18.61	18.68	18.73	20.1	0
10	QPSK	1	49	18.69	18.64	18.66		
10	QPSK	25	0	18.62	18.69	18.65		
10	QPSK	25	12	18.59	18.68	18.63	20.1	0
10	QPSK	25	25	18.53	18.58	18.62		
10	QPSK	50	0	18.51	18.63	18.60		
10	16QAM	1	0	18.64	18.56	18.58		
10	16QAM	1	25	18.53	18.58	18.51	20.1	0
10	16QAM	1	49	18.53	18.58	18.53		
10	16QAM	25	0	18.54	18.63	18.53		
10	16QAM	25	12	18.50	18.64	18.56	20.1	0
10	16QAM	25	25	18.59	18.54	18.54		
10	16QAM	50	0	18.50	18.57	18.60		
10	64QAM	1	0	18.75	18.70	18.60		
10	64QAM	1	25	18.48	18.67	18.52	20.1	0
10	64QAM	1	49	18.62	18.73	18.56		
10	64QAM	25	0	18.59	18.48	18.51		
10	64QAM	25	12	18.47	18.54	18.57	20.1	0
10	64QAM	25	25	18.60	18.44	18.46		
10	64QAM	50	0	18.36	18.55	18.63		
10	256QAM	1	0	17.67	17.63	17.61		
10	256QAM	1	25	17.57	17.66	17.43	19	1.1
10	256QAM	1	49	17.43	17.68	17.60		
10	256QAM	25	0	17.49	17.69	17.51		
10	256QAM	25	12	17.47	17.46	17.61	19	1.1
10	256QAM	25	25	17.42	17.45	17.61		
10	256QAM	50	0	17.35	17.57	17.62		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.75	18.79	18.70		
5	QPSK	1	12	18.56	18.70	18.64	20.1	0
5	QPSK	1	24	18.66	18.68	18.59		
5	QPSK	12	7	18.57	18.72	18.56		
5	QPSK	12	7	18.54	18.58	18.65	20.1	0
5	QPSK	12	13	18.54	18.65	18.59		
5	QPSK	25	0	18.58	18.68	18.58		
5	16QAM	1	0	18.66	18.58	18.56		
5	16QAM	1	12	18.57	18.55	18.44	20.1	0
5	16QAM	1	24	18.60	18.63	18.44		
5	16QAM	12	0	18.42	18.67	18.58		
5	16QAM	12	7	18.42	18.67	18.61	20.1	0
5	16QAM	12	13	18.49	18.62	18.52		
5	16QAM	25	0	18.49	18.62	18.59		
5	64QAM	1	0	18.73	18.68	18.58		
5	64QAM	1	12	18.49	18.64	18.58	20.1	0
5	64QAM	1	24	18.60	18.63	18.56		
5	64QAM	12	0	18.60	18.48	18.57		
5	64QAM	12	7	18.48	18.56	18.51	20.1	0
5	64QAM	12	13	18.62	18.43	18.47		
5	64QAM	25	0	18.40	18.56	18.62		
5	256QAM	1	0	17.57	17.56	17.65		
5	256QAM	1	12	17.56	17.68	17.51	19	1.1
5	256QAM	1	24	17.51	17.62	17.58		
5	256QAM	12	0	17.47	17.47	17.53		
5	256QAM	12	7	17.57	17.47	17.57	19	1.1
5	256QAM	12	13	17.47	17.39	17.54		
5	256QAM	25	0	17.35	17.53	17.58		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.77	18.71	18.63		
3	QPSK	1	8	18.53	18.66	18.74	20.1	0
3	QPSK	1	14	18.69	18.60	18.63		
3	QPSK	8	0	18.58	18.62	18.55		
3	QPSK	8	4	18.61	18.65	18.65	20.1	0
3	QPSK	8	7	18.61	18.60	18.65		
3	QPSK	15	0	18.54	18.64	18.62		
3	16QAM	1	0	18.63	18.67	18.57		
3	16QAM	1	8	18.58	18.65	18.47	20.1	0
3	16QAM	1	14	18.55	18.66	18.46		
3	16QAM	8	0	18.43	18.58	18.54		
3	16QAM	8	4	18.45	18.58	18.60	20.1	0
3	16QAM	8	7	18.66	18.62	18.50		
3	16QAM	15	0	18.43	18.58	18.52		
3	64QAM	1	0	18.71	18.67	18.67		
3	64QAM	1	8	18.46	18.62	18.58	20.1	0
3	64QAM	1	14	18.64	18.65	18.48		
3	64QAM	8	0	18.51	18.58	18.52		
3	64QAM	8	4	18.53	18.51	18.58	20.1	0
3	64QAM	8	7	18.64	18.50	18.46		
3	64QAM	15	0	18.37	18.59	18.62		
3	256QAM	1	0	17.57	17.55	17.60		
3	256QAM	1	8	17.58	17.62	17.51	19	1.1
3	256QAM	1	14	17.44	17.68	17.60		
3	256QAM	8	0	17.50	17.70	17.50		
3	256QAM	8	4	17.48	17.47	17.61	19	1.1
3	256QAM	8	7	17.47	17.47	17.56		
3	256QAM	15	0	17.46	17.50	17.52		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.78	18.72	18.68		
1.4	QPSK	1	3	18.52	18.77	18.68		
1.4	QPSK	1	5	18.66	18.69	18.59	20.1	0
1.4	QPSK	3	0	18.63	18.66	18.59		
1.4	QPSK	3	1	18.61	18.65	18.62		
1.4	QPSK	3	3	18.59	18.58	18.58		
1.4	QPSK	6	0	18.54	18.68	18.54	20.1	0
1.4	16QAM	1	0	18.63	18.62	18.57		
1.4	16QAM	1	3	18.55	18.63	18.55		
1.4	16QAM	1	5	18.58	18.60	18.49	20.1	0
1.4	16QAM	3	0	18.52	18.62	18.57		
1.4	16QAM	3	1	18.44	18.60	18.51		
1.4	16QAM	3	3	18.57	18.61	18.51		
1.4	16QAM	6	0	18.45	18.55	18.58	20.1	0
1.4	64QAM	1	0	18.74	18.73	18.61		
1.4	64QAM	1	3	18.56	18.64	18.58		
1.4	64QAM	1	5	18.67	18.72	18.54	20.1	0
1.4	64QAM	3	0	18.52	18.51	18.52		
1.4	64QAM	3	1	18.57	18.47	18.60		
1.4	64QAM	3	3	18.58	18.46	18.48		
1.4	64QAM	6	0	18.44	18.57	18.60	20.1	0
1.4	256QAM	1	0	17.59	17.63	17.57		
1.4	256QAM	1	3	17.57	17.69	17.48		
1.4	256QAM	1	5	17.46	17.69	17.59	19	1.1
1.4	256QAM	3	0	17.47	17.61	17.52		
1.4	256QAM	3	1	17.50	17.49	17.57		
1.4	256QAM	3	3	17.47	17.45	17.53		
1.4	256QAM	6	0	17.41	17.50	17.57	19	1.1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.15	21.23	21.17		
20	QPSK	1	49	21.10	21.04	21.02	22.5	0
20	QPSK	1	99	21.09	21.16	21.16		
20	QPSK	50	0	21.05	21.17	21.11		
20	QPSK	50	24	21.13	21.05	21.12	22.5	0
20	QPSK	50	50	21.08	21.09	21.07		
20	QPSK	100	0	21.09	21.16	21.06		
20	16QAM	1	0	21.05	21.04	21.04		
20	16QAM	1	49	21.07	20.94	20.99	22.5	0
20	16QAM	1	99	21.04	21.01	21.04		
20	16QAM	50	0	20.69	20.57	20.61		
20	16QAM	50	24	20.52	20.63	20.52	22	0.5
20	16QAM	50	50	20.52	20.69	20.57		
20	16QAM	100	0	20.49	20.70	20.54		
20	64QAM	1	0	20.55	20.44	20.66		
20	64QAM	1	49	20.51	20.57	20.49	22	0.5
20	64QAM	1	99	20.52	20.59	20.60		
20	64QAM	50	0	19.64	19.69	19.62		
20	64QAM	50	24	19.69	19.61	19.53	21	1.5
20	64QAM	50	50	19.49	19.68	19.52		
20	64QAM	100	0	19.60	19.55	19.52		
20	256QAM	1	0	17.71	17.74	17.62		
20	256QAM	1	49	17.63	17.59	17.57	19	3.5
20	256QAM	1	99	17.43	17.71	17.70		
20	256QAM	50	0	17.54	17.52	17.63		
20	256QAM	50	24	17.59	17.51	17.60	19	3.5
20	256QAM	50	50	17.64	17.62	17.60		
20	256QAM	100	0	17.63	17.63	17.57		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.11	21.13	21.04		
15	QPSK	1	37	21.08	21.04	21.01	22.5	0
15	QPSK	1	74	20.97	21.14	21.13		
15	QPSK	36	0	20.99	21.14	21.06		
15	QPSK	36	20	21.09	20.95	21.08	22.5	0
15	QPSK	36	39	21.00	21.02	21.02		
15	QPSK	75	0	21.01	21.05	21.01		
15	16QAM	1	0	21.00	20.95	21.02		
15	16QAM	1	37	21.03	20.88	20.94	22.5	0
15	16QAM	1	74	21.01	20.93	20.95		
15	16QAM	36	0	20.63	20.48	20.47		
15	16QAM	36	20	20.46	20.57	20.45	22	0.5
15	16QAM	36	39	20.43	20.55	20.48		
15	16QAM	75	0	20.45	20.56	20.43		
15	64QAM	1	0	20.51	20.33	20.61		
15	64QAM	1	37	20.48	20.52	20.37	22	0.5
15	64QAM	1	74	20.40	20.50	20.54		
15	64QAM	36	0	19.58	19.66	19.50		
15	64QAM	36	20	19.56	19.49	19.46	21	1.5
15	64QAM	36	39	19.36	19.59	19.42		
15	64QAM	75	0	19.56	19.43	19.45		
15	256QAM	1	0	17.63	17.63	17.54		
15	256QAM	1	37	17.51	17.58	17.51	19	3.5
15	256QAM	1	74	17.32	17.58	17.59		
15	256QAM	36	0	17.45	17.41	17.52		
15	256QAM	36	20	17.47	17.37	17.49	19	3.5
15	256QAM	36	39	17.61	17.37	17.57		
15	256QAM	75	0	17.61	17.54	17.45		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.11	21.17	21.07		
10	QPSK	1	25	21.07	21.00	20.93	22.5	0
10	QPSK	1	49	21.02	21.11	21.11		
10	QPSK	25	0	20.93	21.04	21.06		
10	QPSK	25	12	21.04	20.92	21.05	22.5	0
10	QPSK	25	25	20.95	20.92	20.98		
10	QPSK	50	0	21.02	21.13	21.01		
10	16QAM	1	0	20.95	20.91	20.97		
10	16QAM	1	25	21.00	20.80	20.85	22.5	0
10	16QAM	1	49	20.92	20.95	20.99		
10	16QAM	25	0	20.62	20.55	20.48		
10	16QAM	25	12	20.43	20.51	20.48	22	0.5
10	16QAM	25	25	20.39	20.62	20.46		
10	16QAM	50	0	20.46	20.64	20.47		
10	64QAM	1	0	20.43	20.39	20.52		
10	64QAM	1	25	20.38	20.44	20.44	22	0.5
10	64QAM	1	49	20.43	20.55	20.51		
10	64QAM	25	0	19.58	19.58	19.58		
10	64QAM	25	12	19.63	19.58	19.39	21	1.5
10	64QAM	25	25	19.46	19.55	19.41		
10	64QAM	50	0	19.57	19.43	19.41		
10	256QAM	1	0	17.59	17.66	17.51		
10	256QAM	1	25	17.53	17.47	17.45	19	3.5
10	256QAM	1	49	17.31	17.59	17.63		
10	256QAM	25	0	17.43	17.41	17.50		
10	256QAM	25	12	17.47	17.44	17.58	19	3.5
10	256QAM	25	25	17.55	17.48	17.47		
10	256QAM	50	0	17.60	17.58	17.49		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.09	21.13	21.10		
5	QPSK	1	12	20.98	20.96	20.98	22.5	0
5	QPSK	1	24	20.96	21.12	21.10		
5	QPSK	12	0	21.02	21.07	21.01		
5	QPSK	12	7	21.10	20.93	21.03	22.5	0
5	QPSK	12	13	21.01	21.00	21.04		
5	QPSK	25	0	21.01	21.05	21.03		
5	16QAM	1	0	20.98	20.90	20.96		
5	16QAM	1	12	21.03	20.83	20.86	22.5	0
5	16QAM	1	24	20.96	20.96	20.92		
5	16QAM	12	0	20.60	20.51	20.58		
5	16QAM	12	7	20.41	20.55	20.40	22	0.5
5	16QAM	12	13	20.49	20.50	20.45		
5	16QAM	25	0	20.37	20.65	20.42		
5	64QAM	1	0	20.51	20.33	20.55		
5	64QAM	1	12	20.44	20.53	20.45	22	0.5
5	64QAM	1	24	20.42	20.50	20.59		
5	64QAM	12	0	19.59	19.60	19.55		
5	64QAM	12	7	19.60	19.53	19.46	21	1.5
5	64QAM	12	13	19.40	19.58	19.39		
5	64QAM	25	0	19.55	19.49	19.44		
5	256QAM	1	0	17.66	17.60	17.56		
5	256QAM	1	12	17.51	17.52	17.45	19	3.5
5	256QAM	1	24	17.51	17.68	17.58		
5	256QAM	12	0	17.41	17.42	17.55		
5	256QAM	12	7	17.51	17.46	17.51	19	3.5
5	256QAM	12	13	17.51	17.55	17.51		
5	256QAM	25	0	17.61	17.59	17.43		
Channel				19950	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.12	21.16	21.07		
3	QPSK	1	8	21.03	20.94	20.97	22.5	0
3	QPSK	1	14	21.04	21.08	21.03		
3	QPSK	8	0	20.94	21.05	21.07		
3	QPSK	8	4	21.04	20.97	21.07	22.5	0
3	QPSK	8	7	21.00	20.98	20.95		
3	QPSK	15	0	21.04	21.12	21.03		
3	16QAM	1	0	21.03	20.94	20.91		
3	16QAM	1	8	21.00	20.89	20.91	22.5	0
3	16QAM	1	14	20.94	20.89	20.91		
3	16QAM	8	0	20.66	20.48	20.58		
3	16QAM	8	4	20.45	20.50	20.38	22	0.5
3	16QAM	8	7	20.43	20.55	20.50		
3	16QAM	15	0	20.45	20.64	20.49		
3	64QAM	1	0	20.50	20.39	20.58		
3	64QAM	1	8	20.42	20.49	20.45	22	0.5
3	64QAM	1	14	20.47	20.46	20.53		
3	64QAM	8	0	19.58	19.61	19.50		
3	64QAM	8	4	19.62	19.50	19.50	21	1.5
3	64QAM	8	7	19.40	19.64	19.42		
3	64QAM	15	0	19.49	19.53	19.50		
3	256QAM	1	0	17.61	17.67	17.59		
3	256QAM	1	8	17.57	17.49	17.44	19	3.5
3	256QAM	1	14	17.36	17.61	17.60		
3	256QAM	8	0	17.43	17.46	17.53		
3	256QAM	8	4	17.51	17.44	17.54	19	3.5
3	256QAM	8	7	17.57	17.50	17.48		
3	256QAM	15	0	17.50	17.56	17.54		
Channel				19967	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.96	21.10	21.00		
1.4	QPSK	1	3	21.00	21.03	20.91		
1.4	QPSK	1	5	20.94	21.09	20.96	22.5	0
1.4	QPSK	3	0	21.04	21.06	20.98		
1.4	QPSK	3	1	20.96	20.90	20.97		
1.4	QPSK	3	3	20.86	21.08	21.04		
1.4	QPSK	6	0	20.96	21.01	20.94	22.5	0
1.4	16QAM	1	0	20.87	20.99	20.97		
1.4	16QAM	1	3	20.93	20.85	20.88		
1.4	16QAM	1	5	20.93	20.98	20.98	22.5	0
1.4	16QAM	3	0	20.79	20.94	20.82		
1.4	16QAM	3	1	20.88	20.91	20.75		
1.4	16QAM	3	3	20.82	20.88	20.89		
1.4	16QAM	6	0	20.48	20.52	20.39	22	0.5
1.4	64QAM	1	0	20.55	20.49	20.61		
1.4	64QAM	1	3	20.35	20.45	20.40		
1.4	64QAM	1	5	20.45	20.46	20.48	22	0.5
1.4	64QAM	3	0	20.47	20.43	20.49		
1.4	64QAM	3	1	20.30	20.38	20.35		
1.4	64QAM	3	3	20.42	20.43	20.46		
1.4	64QAM	6	0	19.48	19.52	19.45	21	1.5
1.4	256QAM	1	0	17.60	17.65	17.54		
1.4	256QAM	1	3	17.52	17.44	17.42		
1.4	256QAM	1	5	17.28	17.55	17.64	19	3.5
1.4	256QAM	3	0	17.46	17.44	17.55		
1.4	256QAM	3	1	17.39	17.39	17.53		
1.4	256QAM	3	3	17.47	17.63	17.53		
1.4	256QAM	6	0	17.60	17.51	17.55	19	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.01	22.18	22.11		
10	QPSK	1	25	22.00	22.11	21.93	23	0
10	QPSK	1	49	21.99	22.05	22.02		
10	QPSK	25	0	21.10	21.25	21.10		
10	QPSK	25	12	21.10	21.15	20.94	22	1
10	QPSK	25	25	21.06	21.21	21.16		
10	QPSK	50	0	20.98	21.23	20.99		
10	16QAM	1	0	21.11	21.20	21.02		
10	16QAM	1	25	21.06	21.16	21.04	22	1
10	16QAM	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.11	22.21	22.14	23	0
10	QPSK	1	25	22.01	22.11	21.95		
10	QPSK	1	49	22.07	22.09	22.03		
10	QPSK	25	0	21.16	21.18	21.13	22	1
10	QPSK	25	12	21.09	21.15	20.98		
10	QPSK	25	25	21.03	21.13	21.15		
10	QPSK	50	0	21.01	21.09	21.06		
10	16QAM	1	0	21.02	21.18	21.00	22	1
10	16QAM	1	25	21.00	21.11	21.06		
10	16QAM	1	49	21.02	21.08	21.03		
10	16QAM	25	0	20.17	20.23	20.12	21	2
10	16QAM	25	12	20.10	20.17	20.13		
10	16QAM	25	25	20.14	20.17	20.03		
10	16QAM	50	0	20.14	20.21	20.17		
10	64QAM	1	0	20.17	20.21	20.06	21	2
10	64QAM	1	25	20.01	20.07	20.06		
10	64QAM	1	49	19.99	20.11	19.98		
10	64QAM	25	0	19.16	19.23	19.17	20	3
10	64QAM	25	12	19.18	19.21	19.10		
10	64QAM	25	25	19.09	19.17	19.08		
10	64QAM	50	0	19.03	19.17	18.96		
10	256QAM	1	0	17.30	17.29	17.18	18	5
10	256QAM	1	25	17.20	17.33	17.15		
10	256QAM	1	49	17.17	17.28	17.14		
10	256QAM	25	0	17.10	17.13	17.08	18	5
10	256QAM	25	12	17.13	17.18	17.13		
10	256QAM	25	25	17.12	17.20	17.17		
10	256QAM	50	0	17.02	17.17	17.13		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.02	22.13	22.09	23	0
5	QPSK	1	12	21.91	21.99	21.90		
5	QPSK	1	24	22.04	22.03	21.94		
5	QPSK	12	0	21.09	21.05	21.09	22	1
5	QPSK	12	7	21.01	21.06	20.91		
5	QPSK	12	13	20.89	21.04	21.11		
5	QPSK	25	0	20.97	21.01	20.92		
5	16QAM	1	0	20.94	21.08	20.92	22	1
5	16QAM	1	12	20.92	20.98	20.95		
5	16QAM	1	24	20.94	20.97	20.90		
5	16QAM	12	0	20.05	20.10	20.01	21	2
5	16QAM	12	7	19.99	20.12	20.09		
5	16QAM	12	13	20.06	20.08	19.94		
5	16QAM	25	0	20.01	20.06	20.06		
5	64QAM	1	0	20.07	20.14	20.00	21	2
5	64QAM	1	12	19.98	19.94	20.02		
5	64QAM	1	24	19.84	20.06	19.86		
5	64QAM	12	0	19.08	19.08	19.11	20	3
5	64QAM	12	7	19.07	19.08	18.98		
5	64QAM	12	13	19.01	19.11	19.01		
5	64QAM	25	0	18.93	19.02	18.85		
5	256QAM	1	0	17.24	17.21	17.12	18	5
5	256QAM	1	12	17.08	17.18	17.06		
5	256QAM	1	24	17.13	17.24	17.06		
5	256QAM	12	0	16.97	17.04	17.05	18	5
5	256QAM	12	7	16.99	17.11	17.04		
5	256QAM	12	13	17.00	17.11	17.06		
5	256QAM	25	0	16.96	17.11	16.99		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.05	22.10	22.04	23	0
3	QPSK	1	8	21.95	21.98	21.85		
3	QPSK	1	14	22.03	21.95	21.92		
3	QPSK	8	0	21.09	21.09	21.01	22	1
3	QPSK	8	4	20.95	21.04	20.90		
3	QPSK	8	7	20.97	21.00	21.07		
3	QPSK	15	0	20.88	21.00	20.96		
3	16QAM	1	0	20.96	21.10	20.96	22	1
3	16QAM	1	8	20.87	21.07	21.02		
3	16QAM	1	14	20.90	20.98	20.89		
3	16QAM	8	0	20.06	20.11	19.98	21	2
3	16QAM	8	4	20.01	20.08	20.06		
3	16QAM	8	7	20.02	20.12	19.89		
3	16QAM	15	0	20.11	20.17	20.12		
3	64QAM	1	0	20.05	20.17	19.96	21	2
3	64QAM	1	8	19.89	20.02	19.96		
3	64QAM	1	14	19.87	20.00	19.88		
3	64QAM	8	0	19.05	19.08	19.13	20	3
3	64QAM	8	4	19.11	19.07	19.06		
3	64QAM	8	7	18.96	19.07	19.04		
3	64QAM	15	0	18.93	19.11	18.92		
3	256QAM	1	0	17.22	17.18	17.09	18	5
3	256QAM	1	8	17.06	17.29	17.05		
3	256QAM	1	14	17.14	17.24	17.04		
3	256QAM	8	0	16.98	17.02	16.96	18	5
3	256QAM	8	4	17.02	17.13	17.03		
3	256QAM	8	7	17.02	17.11	17.04		
3	256QAM	15	0	16.92	17.10	17.05		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.06	22.17	22.02	23	0
1.4	QPSK	1	3	21.87	22.06	21.85		
1.4	QPSK	1	5	22.04	22.05	21.89		
1.4	QPSK	3	0	22.07	22.11	22.03		
1.4	QPSK	3	1	21.88	21.97	21.87		
1.4	QPSK	3	3	21.96	21.99	21.97		
1.4	QPSK	6	0	21.04	21.08	21.02	22	1
1.4	16QAM	1	0	20.99	21.05	20.86	22	1
1.4	16QAM	1	3	20.92	21.07	21.04		
1.4	16QAM	1	5	20.94	20.98	20.93		
1.4	16QAM	3	0	20.92	21.14	20.87		
1.4	16QAM	3	1	20.90	20.96	21.01		
1.4	16QAM	3	3	20.91	20.94	20.90		
1.4	16QAM	6	0	20.11	20.11	19.98	21	2
1.4	64QAM	1	0	19.99	20.08	20.01	21	2
1.4	64QAM	1	3	20.10	20.04	19.88		
1.4	64QAM	1	5	20.03	20.07	20.07		
1.4	64QAM	3	0	20.10	20.17	19.93		
1.4	64QAM	3	1	19.90	19.99	20.00		
1.4	64QAM	3	3	19.87	20.08	19.90		
1.4	64QAM	6	0	19.09	19.13	19.05	20	3
1.4	256QAM	1	0	17.17	17.18	17.09	18	5
1.4	256QAM	1	3	17.13	17.30	17.11		
1.4	256QAM	1	5	17.12	17.20	17.07		
1.4	256QAM	3	0	17.02	17.06	17.05		
1.4	256QAM	3	1	17.06	17.05	17.06		
1.4	256QAM	3	3	17.00	17.11	17.12		
1.4	256QAM	6	0	16.97	17.13	17.06	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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.20		23	0
10	QPSK	1	25		22.13			
10	QPSK	1	49		22.08			
10	QPSK	25	0		21.17		22	1
10	QPSK	25	12		21.11			
10	QPSK	25	25		21.13			
10	QPSK	50	0		21.10			
10	16QAM	1	0		21.12		22	1
10	16QAM	1	25		21.09			
10	16QAM	1	49		21.11			
10	16QAM	25	0		20.27		21	2
10	16QAM	25	12		20.22			
10	16QAM	25	25		20.18			
10	16QAM	50	0		20.25			
10	64QAM	1	0		20.19		21	2
10	64QAM	1	25		20.14			
10	64QAM	1	49		20.11			
10	64QAM	25	0		19.29		20	3
10	64QAM	25	12		19.26			
10	64QAM	25	25		19.13			
10	64QAM	50	0		19.10			
10	256QAM	1	0		17.36		18	5
10	256QAM	1	25		17.35			
10	256QAM	1	49		17.28			
10	256QAM	25	0		17.11		18	5
10	256QAM	25	12		17.18			
10	256QAM	25	25		17.26			
10	256QAM	50	0		17.19			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.10	22.16	22.13	23	0
5	QPSK	1	12	22.09	22.03	21.98		
5	QPSK	1	24	22.00	22.02	21.99		
5	QPSK	12	0	21.03	21.05	21.03	22	1
5	QPSK	12	7	20.99	20.99	21.01		
5	QPSK	12	13	21.10	21.07	21.07		
5	QPSK	25	0	21.07	21.03	21.00		
5	16QAM	1	0	21.04	21.03	21.05	22	1
5	16QAM	1	12	20.98	21.01	20.98		
5	16QAM	1	24	21.03	21.05	21.07		
5	16QAM	12	0	20.17	20.12	20.23	21	2
5	16QAM	12	7	20.13	20.08	20.17		
5	16QAM	12	13	20.05	20.07	20.14		
5	16QAM	25	0	20.14	20.17	20.15		
5	64QAM	1	0	20.11	20.12	20.06	21	2
5	64QAM	1	12	20.02	20.03	20.09		
5	64QAM	1	24	20.00	20.01	20.06		
5	64QAM	12	0	19.23	19.15	19.25	20	3
5	64QAM	12	7	19.19	19.20	19.17		
5	64QAM	12	13	19.07	19.07	19.05		
5	64QAM	25	0	19.05	19.04	19.03		
5	256QAM	1	0	17.23	17.26	17.23	18	5
5	256QAM	1	12	17.21	17.27	17.25		
5	256QAM	1	24	17.19	17.13	17.15		
5	256QAM	12	0	17.06	17.03	17.01	18	5
5	256QAM	12	7	17.04	17.05	17.06		
5	256QAM	12	13	17.17	17.15	17.22		
5	256QAM	25	0	17.12	17.11	17.15		

Band 14 Ant 0 ECI 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.31		23	0
10	QPSK	1	25		22.28			
10	QPSK	1	49		22.24			
10	QPSK	25	0		21.31		22	1
10	QPSK	25	12		21.22			
10	QPSK	25	25		21.21			
10	QPSK	50	0		21.25			
10	16QAM	1	0		21.20		22	1
10	16QAM	1	25		21.14			
10	16QAM	1	49		21.21			
10	16QAM	25	0		20.39		21	2
10	16QAM	25	12		20.36			
10	16QAM	25	25		20.34			
10	16QAM	50	0		20.30			
10	64QAM	1	0		20.34		21	2
10	64QAM	1	25		20.22			
10	64QAM	1	49		20.16			
10	64QAM	25	0		19.37		20	3
10	64QAM	25	12		19.35			
10	64QAM	25	25		19.25			
10	64QAM	50	0		19.21			
10	256QAM	1	0		17.48		18	5
10	256QAM	1	25		17.47			
10	256QAM	1	49		17.42			
10	256QAM	25	0		17.21		18	5
10	256QAM	25	12		17.23			
10	256QAM	25	25		17.41			
10	256QAM	50	0		17.33			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.19	22.27	22.21	23	0
5	QPSK	1	12	22.15	22.21	22.16		
5	QPSK	1	24	22.10	22.14	22.18		
5	QPSK	12	0	21.27	21.27	21.27	22	1
5	QPSK	12	7	21.11	21.16	21.16		
5	QPSK	12	13	21.08	21.13	21.07		
5	QPSK	25	0	21.14	21.17	21.13		
5	16QAM	1	0	21.14	21.12	21.11	22	1
5	16QAM	1	12	21.01	21.08	21.10		
5	16QAM	1	24	21.14	21.11	21.18		
5	16QAM	12	0	20.34	20.24	20.28	21	2
5	16QAM	12	7	20.24	20.30	20.28		
5	16QAM	12	13	20.26	20.31	20.26		
5	16QAM	25	0	20.22	20.18	20.22		
5	64QAM	1	0	20.26	20.24	20.25	21	2
5	64QAM	1	12	20.09	20.08	20.14		
5	64QAM	1	24	20.07	20.09	20.06		
5	64QAM	12	0	19.29	19.29	19.29	20	3
5	64QAM	12	7	19.27	19.25	19.30		
5	64QAM	12	13	19.10	19.14	19.13		
5	64QAM	25	0	19.14	19.07	19.17		
5	256QAM	1	0	17.45	17.39	17.33	18	5
5	256QAM	1	12	17.39	17.35	17.42		
5	256QAM	1	24	17.36	17.35	17.28		
5	256QAM	12	0	17.10	17.08	17.12	18	5
5	256QAM	12	7	17.15	17.14	17.08		
5	256QAM	12	13	17.27	17.28	17.34		
5	256QAM	25	0	17.28	17.20	17.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0		22.10		23	0
10	QPSK	1	25		22.08			
10	QPSK	1	49		21.96			
10	QPSK	25	0		21.14		22	1
10	QPSK	25	12		21.06			
10	QPSK	25	25		21.10			
10	QPSK	50	0		20.97			
10	16QAM	1	0		21.02		22	1
10	16QAM	1	25		21.03			
10	16QAM	1	49		21.00			
10	16QAM	25	0		20.16		21	2
10	16QAM	25	12		20.16			
10	16QAM	25	25		20.09			
10	16QAM	50	0		20.14			
10	64QAM	1	0		20.09		21	2
10	64QAM	1	25		20.09			
10	64QAM	1	49		20.06			
10	64QAM	25	0		19.18		20	3
10	64QAM	25	12		19.20			
10	64QAM	25	25		19.06			
10	64QAM	50	0		19.01			
10	256QAM	1	0		17.25		18	5
10	256QAM	1	25		17.31			
10	256QAM	1	49		17.25			
10	256QAM	25	0		16.99		18	5
10	256QAM	25	12		17.10			
10	256QAM	25	25		17.15			
10	256QAM	50	0		17.10			
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.03	22.07	22.00	23	0
5	QPSK	1	12	21.96	22.04	21.96		
5	QPSK	1	24	21.90	21.83	21.92		
5	QPSK	12	0	21.08	21.11	21.00	22	1
5	QPSK	12	7	20.96	20.97	21.02		
5	QPSK	12	13	21.02	20.96	20.96		
5	QPSK	25	0	20.94	20.89	20.91		
5	16QAM	1	0	20.94	20.95	20.90	22	1
5	16QAM	1	12	20.96	20.99	20.92		
5	16QAM	1	24	20.93	20.94	20.95		
5	16QAM	12	0	20.08	20.04	20.06	21	2
5	16QAM	12	7	20.06	20.01	20.03		
5	16QAM	12	13	19.96	19.98	20.01		
5	16QAM	25	0	20.10	20.05	20.07		
5	64QAM	1	0	19.96	19.96	19.99	21	2
5	64QAM	1	12	19.94	20.04	19.97		
5	64QAM	1	24	19.96	19.99	19.96		
5	64QAM	12	0	19.05	19.03	19.06	20	3
5	64QAM	12	7	19.11	19.14	19.11		
5	64QAM	12	13	18.95	18.93	19.00		
5	64QAM	25	0	18.92	18.90	18.90		
5	256QAM	1	0	17.19	17.19	17.17	18	5
5	256QAM	1	12	17.21	17.25	17.23		
5	256QAM	1	24	17.18	17.14	17.14		
5	256QAM	12	0	16.90	16.95	16.89	18	5
5	256QAM	12	7	17.07	17.04	17.07		
5	256QAM	12	13	17.03	17.06	17.05		
5	256QAM	25	0	16.97	16.96	17.01		

Band 25 Ant 0 ECI 9

BW [MHz]	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	26599		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.86	18.90	18.84		
20	QPSK	1	49	18.76	18.87	18.78	20.1	0
20	QPSK	1	99	18.82	18.85	18.80		
20	QPSK	50	0	18.74	18.87	18.80		
20	QPSK	50	24	18.75	18.79	18.81	20.1	0
20	QPSK	50	50	18.76	18.79	18.73		
20	QPSK	100	0	18.74	18.85	18.81		
20	16QAM	1	0	18.78	18.80	18.73		
20	16QAM	1	49	18.70	18.75	18.68	20.1	0
20	16QAM	1	99	18.72	18.79	18.68		
20	16QAM	50	0	18.66	18.76	18.69		
20	16QAM	50	24	18.67	18.74	18.75	20.1	0
20	16QAM	50	50	18.73	18.77	18.63		
20	16QAM	100	0	18.63	18.75	18.75		
20	64QAM	1	0	18.83	18.82	18.82		
20	64QAM	1	49	18.71	18.76	18.72	20.1	0
20	64QAM	1	99	18.80	18.78	18.72		
20	64QAM	50	0	18.69	18.74	18.76		
20	64QAM	50	24	18.68	18.73	18.74	20.1	0
20	64QAM	50	50	18.69	18.86	18.64		
20	64QAM	100	0	18.61	18.78	18.74		
20	256QAM	1	0	17.74	17.80	17.79		
20	256QAM	1	49	17.68	17.78	17.64	19	1.1
20	256QAM	1	99	17.68	17.77	17.68		
20	256QAM	50	0	17.64	17.81	17.69		
20	256QAM	50	24	17.71	17.65	17.77	19	1.1
20	256QAM	50	50	17.60	17.64	17.68		
20	256QAM	100	0	17.60	17.70	17.75		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.82	18.85	18.82		
15	QPSK	1	37	18.71	18.79	18.70	20.1	0
15	QPSK	1	74	18.74	18.78	18.71		
15	QPSK	36	0	18.67	18.74	18.73		
15	QPSK	36	20	18.73	18.76	18.70	20.1	0
15	QPSK	36	39	18.66	18.71	18.68		
15	QPSK	75	0	18.70	18.76	18.76		
15	16QAM	1	0	18.70	18.77	18.69		
15	16QAM	1	37	18.61	18.65	18.55	20.1	0
15	16QAM	1	74	18.68	18.67	18.59		
15	16QAM	36	0	18.61	18.71	18.56		
15	16QAM	36	20	18.55	18.63	18.65	20.1	0
15	16QAM	36	39	18.62	18.63	18.56		
15	16QAM	75	0	18.60	18.69	18.62		
15	64QAM	1	0	18.80	18.68	18.79		
15	64QAM	1	37	18.60	18.73	18.68	20.1	0
15	64QAM	1	74	18.72	18.68	18.60		
15	64QAM	36	0	18.61	18.62	18.71		
15	64QAM	36	20	18.63	18.67	18.63	20.1	0
15	64QAM	36	39	18.66	18.63	18.61		
15	64QAM	75	0	18.59	18.66	18.67		
15	256QAM	1	0	17.72	17.72	17.75		
15	256QAM	1	37	17.57	17.73	17.54	19	1.1
15	256QAM	1	74	17.61	17.63	17.59		
15	256QAM	36	0	17.52	17.70	17.56		
15	256QAM	36	20	17.61	17.58	17.68	19	1.1
15	256QAM	36	39	17.52	17.54	17.54		
15	256QAM	75	0	17.55	17.68	17.69		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.77	18.82	18.72		
10	QPSK	1	25	18.66	18.78	18.71	20.1	0
10	QPSK	1	49	18.73	18.77	18.71		
10	QPSK	25	0	18.61	18.77	18.77		
10	QPSK	25	12	18.66	18.69	18.77	20.1	0
10	QPSK	25	25	18.63	18.66	18.61		
10	QPSK	50	0	18.62	18.82	18.68		
10	16QAM	1	0	18.73	18.70	18.59		
10	16QAM	1	25	18.59	18.70	18.65	20.1	0
10	16QAM	1	49	18.67	18.73	18.56		
10	16QAM	25	0	18.61	18.73	18.64		
10	16QAM	25	12	18.62	18.61	18.72	20.1	0
10	16QAM	25	25	18.71	18.67	18.60		
10	16QAM	50	0	18.56	18.68	18.67		
10	64QAM	1	0	18.70	18.70	18.79		
10	64QAM	1	25	18.68	18.65	18.61	20.1	0
10	64QAM	1	49	18.71	18.73	18.70		
10	64QAM	25	0	18.56	18.72	18.65		
10	64QAM	25	12	18.64	18.60	18.61	20.1	0
10	64QAM	25	25	18.64	18.58	18.58		
10	64QAM	50	0	18.47	18.66	18.66		
10	256QAM	1	0	17.67	17.72	17.67		
10	256QAM	1	25	17.64	17.65	17.58	19	1.1
10	256QAM	1	49	17.56	17.73	17.54		
10	256QAM	25	0	17.54	17.69	17.56		
10	256QAM	25	12	17.67	17.59	17.73	19	1.1
10	256QAM	25	25	17.51	17.59	17.59		
10	256QAM	50	0	17.48	17.59	17.67		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.76	18.80	18.71		
5	QPSK	1	12	18.64	18.73	18.67	20.1	0
5	QPSK	1	24	18.80	18.73	18.73		
5	QPSK	12	0	18.62	18.83	18.70		
5	QPSK	12	7	18.69	18.74	18.71	20.1	0
5	QPSK	12	13	18.72	18.76	18.69		
5	QPSK	25	0	18.62	18.82	18.74		
5	16QAM	1	0	18.73	18.72	18.61		
5	16QAM	1	12	18.61	18.65	18.64	20.1	0
5	16QAM	1	24	18.68	18.67	18.55		
5	16QAM	12	0	18.58	18.63	18.63		
5	16QAM	12	7	18.63	18.64	18.62	20.1	0
5	16QAM	12	13	18.63	18.71	18.60		
5	16QAM	25	0	18.55	18.73	18.69		
5	64QAM	1	0	18.74	18.70	18.75		
5	64QAM	1	12	18.67	18.67	18.68	20.1	0
5	64QAM	1	24	18.71	18.68	18.63		
5	64QAM	12	0	18.62	18.69	18.64		
5	64QAM	12	7	18.55	18.69	18.68	20.1	0
5	64QAM	12	13	18.64	18.54	18.53		
5	64QAM	25	0	18.58	18.76	18.63		
5	256QAM	1	0	17.63	17.66	17.72		
5	256QAM	1	12	17.64	17.70	17.62	19	1.1
5	256QAM	1	24	17.56	17.67	17.64		
5	256QAM	12	0	17.58	17.68	17.58		
5	256QAM	12	7	17.62	17.60	17.65	19	1.1
5	256QAM	12	13	17.47	17.61	17.58		
5	256QAM	25	0	17.49	17.65	17.64		
Channel				26055	26340	26575	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.74	18.84	18.78		
3	QPSK	1	8	18.70	18.76	18.72	20.1	0
3	QPSK	1	14	18.73	18.73	18.77		
3	QPSK	8	0	18.62	18.81	18.68		
3	QPSK	8	4	18.64	18.67	18.69	20.1	0
3	QPSK	8	7	18.67	18.71	18.60		
3	QPSK	15	0	18.65	18.75	18.72		
3	16QAM	1	0	18.68	18.68	18.67		
3	16QAM	1	8	18.57	18.69	18.63	20.1	0
3	16QAM	1	14	18.63	18.65	18.55		
3	16QAM	8	0	18.62	18.68	18.64		
3	16QAM	8	4	18.54	18.64	18.64	20.1	0
3	16QAM	8	7	18.62	18.71	18.58		
3	16QAM	15	0	18.58	18.69	18.71		
3	64QAM	1	0	18.71	18.70	18.73		
3	64QAM	1	8	18.68	18.70	18.60	20.1	0
3	64QAM	1	14	18.69	18.67	18.62		
3	64QAM	8	0	18.60	18.61	18.70		
3	64QAM	8	4	18.64	18.67	18.62	20.1	0
3	64QAM	8	7	18.62	18.60	18.53		
3	64QAM	15	0	18.56	18.73	18.66		
3	256QAM	1	0	17.68	17.69	17.70		
3	256QAM	1	8	17.56	17.70	17.59	19	1.1
3	256QAM	1	14	17.61	17.72	17.56		
3	256QAM	8	0	17.56	17.78	17.58		
3	256QAM	8	4	17.61	17.58	17.64	19	1.1
3	256QAM	8	7	17.56	17.51	17.60		
3	256QAM	15	0	17.50	17.63	17.66		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.73	18.78	18.73		
1.4	QPSK	1	3	18.73	18.83	18.69		
1.4	QPSK	1	5	18.75	18.78	18.72	20.1	0
1.4	QPSK	3	0	18.72	18.78	18.67		
1.4	QPSK	3	1	18.65	18.67	18.71		
1.4	QPSK	3	3	18.65	18.70	18.65		
1.4	QPSK	6	0	18.71	18.71	18.72	20.1	0
1.4	16QAM	1	0	18.64	18.69	18.67		
1.4	16QAM	1	3	18.67	18.72	18.63		
1.4	16QAM	1	5	18.64	18.67	18.59	20.1	0
1.4	16QAM	3	0	18.63	18.66	18.56		
1.4	16QAM	3	1	18.62	18.65	18.62		
1.4	16QAM	3	3	18.66	18.69	18.60		
1.4	16QAM	6	0	18.56	18.70	18.62	20.1	0
1.4	64QAM	1	0	18.78	18.71	18.74		
1.4	64QAM	1	3	18.68	18.72	18.60		
1.4	64QAM	1	5	18.74	18.76	18.60	20.1	0
1.4	64QAM	3	0	18.55	18.66	18.66		
1.4	64QAM	3	1	18.58	18.67	18.62		
1.4	64QAM	3	3	18.61	18.60	18.54		
1.4	64QAM	6	0	18.51	18.73	18.66	20.1	0
1.4	256QAM	1	0	17.71	17.68	17.74		
1.4	256QAM	1	3	17.58	17.68	17.51		
1.4	256QAM	1	5	17.56	17.72	17.59	19	1.1
1.4	256QAM	3	0	17.52	17.71	17.65		
1.4	256QAM	3	1	17.63	17.61	17.74		
1.4	256QAM	3	3	17.49	17.53	17.60		
1.4	256QAM	6	0	17.56	17.60	17.67	19	1.1

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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				26765	26865	26963		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.17	22.22	22.13		
15	QPSK	1	37	22.16	22.18	22.10	23	0
15	QPSK	1	74	22.15	22.16	22.10		
15	QPSK	36	0	21.25	21.30	21.21		
15	QPSK	36	20	21.12	21.16	21.09	22	1
15	QPSK	36	39	21.18	21.20	21.26		
15	QPSK	75	0	21.08	21.20	21.13		
15	16QAM	1	0	21.17	21.20	21.05		
15	16QAM	1	37	21.21	21.20	21.09	22	1
15	16QAM	1	74	21.03	21.16	21.08		
15	16QAM	36	0	20.25	20.26	20.20		
15	16QAM	36	20	20.24	20.31	20.28	21	2
15	16QAM	36	39	20.17	20.26	20.13		
15	16QAM	75	0	20.20	20.29	20.25		
15	64QAM	1	0	20.25	20.30	20.08		
15	64QAM	1	37	20.12	20.28	20.11	21	2
15	64QAM	1	74	20.16	20.23	20.04		
15	64QAM	36	0	19.19	19.41	19.24		
15	64QAM	36	20	19.27	19.31	19.25	20	3
15	64QAM	36	39	19.12	19.29	19.15		
15	64QAM	75	0	19.16	19.22	19.12		
15	256QAM	1	0	17.32	17.38	17.29		
15	256QAM	1	37	17.34	17.39	17.21	18	5
15	256QAM	1	74	17.21	17.40	17.24		
15	256QAM	36	0	17.27	17.29	17.16		
15	256QAM	36	20	17.24	17.25	17.28	18	5
15	256QAM	36	39	17.24	17.26	17.23		
15	256QAM	75	0	17.08	17.30	17.17		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.10	22.19	22.05		
10	QPSK	1	25	22.09	22.11	22.01	23	0
10	QPSK	1	49	22.03	22.08	22.04		
10	QPSK	25	0	21.18	21.26	21.18		
10	QPSK	25	12	21.05	21.05	20.96	22	1
10	QPSK	25	25	21.10	21.17	21.21		
10	QPSK	50	0	20.93	21.20	21.08		
10	16QAM	1	0	21.04	21.10	20.95		
10	16QAM	1	25	21.10	21.14	20.96	22	1
10	16QAM	1	49	20.94	21.12	21.05		
10	16QAM	25	0	20.13	20.18	20.07		
10	16QAM	25	12	20.20	20.23	20.14	21	2
10	16QAM	25	25	20.13	20.12	19.99		
10	16QAM	50	0	20.06	20.25	20.19		
10	64QAM	1	0	20.17	20.23	19.96		
10	64QAM	1	25	19.97	20.13	19.98	21	2
10	64QAM	1	49	20.03	20.13	20.00		
10	64QAM	25	0	19.15	19.28	19.16		
10	64QAM	25	12	19.19	19.24	19.11	20	3
10	64QAM	25	25	19.02	19.23	19.01		
10	64QAM	50	0	19.07	19.19	19.04		
10	256QAM	1	0	17.25	17.31	17.23		
10	256QAM	1	25	17.19	17.30	17.07	18	5
10	256QAM	1	49	17.12	17.33	17.13		
10	256QAM	25	0	17.21	17.20	17.12		
10	256QAM	25	12	17.09	17.16	17.18	18	5
10	256QAM	25	25	17.09	17.18	17.11		
10	256QAM	50	0	16.97	17.16	17.08		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.13	22.08	22.03		
5	QPSK	1	12	22.04	22.09	22.02	23	0
5	QPSK	1	24	22.11	22.04	22.03		
5	QPSK	12	0	21.22	21.17	21.11		
5	QPSK	12	7	21.00	21.02	20.96	22	1
5	QPSK	12	13	21.09	21.06	21.12		
5	QPSK	25	0	20.97	21.24	21.10		
5	16QAM	1	0	21.06	21.15	20.92		
5	16QAM	1	12	21.11	21.06	20.95	22	1
5	16QAM	1	24	20.91	21.06	20.93		
5	16QAM	12	0	20.17	20.17	20.11		
5	16QAM	12	7	20.13	20.27	20.15	21	2
5	16QAM	12	13	20.11	20.12	20.00		
5	16QAM	25	0	20.15	20.20	20.22		
5	64QAM	1	0	20.20	20.24	20.00		
5	64QAM	1	12	20.08	20.23	19.98	21	2
5	64QAM	1	24	20.08	20.09	19.96		
5	64QAM	12	0	19.10	19.37	19.09		
5	64QAM	12	7	19.22	19.24	19.14	20	3
5	64QAM	12	13	19.08	19.18	19.08		
5	64QAM	25	0	19.08	19.08	19.08		
5	256QAM	1	0	17.28	17.25	17.18		
5	256QAM	1	12	17.21	17.33	17.07	18	5
5	256QAM	1	24	17.10	17.36	17.20		
5	256QAM	12	0	17.22	17.15	17.10		
5	256QAM	12	7	17.12	17.17	17.21	18	5
5	256QAM	12	13	17.11	17.13	17.17		
5	256QAM	25	0	16.95	17.19	17.13		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.03	22.13	21.99		
3	QPSK	1	8	22.04	22.11	21.99	23	0
3	QPSK	1	14	22.05	22.05	21.96		
3	QPSK	8	0	21.16	21.17	21.07		
3	QPSK	8	4	21.03	21.02	20.94	22	1
3	QPSK	8	7	21.08	21.11	21.20		
3	QPSK	15	0	21.02	21.26	21.02		
3	16QAM	1	0	21.10	21.09	20.93		
3	16QAM	1	8	21.14	21.05	21.01	22	1
3	16QAM	1	14	20.88	21.06	21.01		
3	16QAM	8	0	20.12	20.13	20.14		
3	16QAM	8	4	20.11	20.26	20.14	21	2
3	16QAM	8	7	20.09	20.20	20.06		
3	16QAM	15	0	20.16	20.19	20.11		
3	64QAM	1	0	20.11	20.24	19.94		
3	64QAM	1	8	20.09	20.17	20.07	21	2
3	64QAM	1	14	20.07	20.13	19.94		
3	64QAM	8	0	19.06	19.31	19.18		
3	64QAM	8	4	19.16	19.27	19.14	20	3
3	64QAM	8	7	19.06	19.15	19.01		
3	64QAM	15	0	19.12	19.15	19.03		
3	256QAM	1	0	17.21	17.35	17.19		
3	256QAM	1	8	17.23	17.30	17.14	18	5
3	256QAM	1	14	17.15	17.36	17.18		
3	256QAM	8	0	17.18	17.14	17.12		
3	256QAM	8	4	17.12	17.21	17.17	18	5
3	256QAM	8	7	17.21	17.13	17.17		
3	256QAM	15	0	17.01	17.17	17.02		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.08	22.16	22.06		
1.4	QPSK	1	3	22.02	22.10	21.96		
1.4	QPSK	1	5	22.02	22.12	22.01	23	0
1.4	QPSK	3	0	22.06	22.12	22.02		
1.4	QPSK	3	1	22.08	22.10	21.99		
1.4	QPSK	3	3	22.08	22.01	21.99		
1.4	QPSK	6	0	21.16	21.17	21.16	22	1
1.4	16QAM	1	0	21.04	21.10	21.04		
1.4	16QAM	1	3	21.07	21.17	21.19		
1.4	16QAM	1	5	21.04	21.22	21.03	22	1
1.4	16QAM	3	0	21.05	21.05	20.92		
1.4	16QAM	3	1	21.10	21.13	21.04		
1.4	16QAM	3	3	20.95	21.12	20.99		
1.4	16QAM	6	0	20.14	20.13	20.16	21	2
1.4	64QAM	1	0	20.19	20.22	20.19		
1.4	64QAM	1	3	20.05	20.18	20.06		
1.4	64QAM	1	5	20.13	20.16	20.11	21	2
1.4	64QAM	3	0	20.16	20.16	20.04		
1.4	64QAM	3	1	20.07	20.22	20.02		
1.4	64QAM	3	3	20.07	20.12	19.90		
1.4	64QAM	6	0	19.13	19.29	19.15	20	3
1.4	256QAM	1	0	17.18	17.27	17.17		
1.4	256QAM	1	3	17.30	17.24	17.17		
1.4	256QAM	1	5	17.06	17.27	17.10	18	5
1.4	256QAM	3	0	17.24	17.21	17.11		
1.4	256QAM	3	1	17.14	17.22	17.22		
1.4	256QAM	3	3	17.12	17.12	17.15		
1.4	256QAM	6	0	17.00	17.16	17.07	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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.35			
10	QPSK	1	25		20.31		21.5	0
10	QPSK	1	49		20.28			
10	QPSK	25	0		20.31			
10	QPSK	25	12		20.27		21.5	0
10	QPSK	25	25		20.15			
10	QPSK	50	0		20.25			
10	16QAM	1	0		20.22			
10	16QAM	1	25		20.20		21.5	0
10	16QAM	1	49		20.23			
10	16QAM	25	0		20.27			
10	16QAM	25	12		20.17		21.5	0
10	16QAM	25	25		20.05			
10	16QAM	50	0		20.16			
10	64QAM	1	0		20.24			
10	64QAM	1	25		20.27		21.5	0
10	64QAM	1	49		20.25			
10	64QAM	25	0		20.25			
10	64QAM	25	12		20.25		21.5	0
10	64QAM	25	25		20.08			
10	64QAM	50	0		20.12			
10	256QAM	1	0		18.85			
10	256QAM	1	25		18.75		20	1.5
10	256QAM	1	49		18.76			
10	256QAM	25	0		18.84			
10	256QAM	25	12		18.72		20	1.5
10	256QAM	25	25		18.66			
10	256QAM	50	0		18.76			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.27	20.30	20.23		
5	QPSK	1	12	20.27	20.27	20.28	21.5	0
5	QPSK	1	24	20.21	20.16	20.23		
5	QPSK	12	0	20.17	20.22	20.23		
5	QPSK	12	7	20.15	20.20	20.23	21.5	0
5	QPSK	12	13	20.04	20.02	20.03		
5	QPSK	25	0	20.15	20.15	20.15		
5	16QAM	1	0	20.11	20.13	20.14		
5	16QAM	1	12	20.08	20.13	20.11	21.5	0
5	16QAM	1	24	20.12	20.16	20.11		
5	16QAM	12	0	20.20	20.25	20.17		
5	16QAM	12	7	20.08	20.12	20.06	21.5	0
5	16QAM	12	13	19.96	20.01	19.92		
5	16QAM	25	0	20.12	20.08	20.02		
5	64QAM	1	0	20.22	20.12	20.14		
5	64QAM	1	12	20.15	20.24	20.13	21.5	0
5	64QAM	1	24	20.15	20.22	20.18		
5	64QAM	12	0	20.19	20.19	20.12		
5	64QAM	12	7

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BW [MHz]	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	21.21	21.25	21.23	22.5	0
20	QPSK	1	49	21.17	21.17	21.13		
20	QPSK	1	99	21.09	21.23	21.19		
20	QPSK	50	0	21.12	21.20	21.15	22.5	0
20	QPSK	50	24	21.16	21.13	21.17		
20	QPSK	50	50	21.13	21.18	21.17		
20	QPSK	100	0	21.16	21.19	21.11		
20	16QAM	1	0	21.12	21.18	21.12	22.5	0
20	16QAM	1	49	21.13	21.04	21.05		
20	16QAM	1	99	21.06	21.12	21.10		
20	16QAM	50	0	20.72	20.69	20.66	22	0.5
20	16QAM	50	24	20.60	20.69	20.55		
20	16QAM	50	50	20.62	20.76	20.70		
20	16QAM	100	0	20.55	20.73	20.66		
20	64QAM	1	0	20.64	20.56	20.70	22	0.5
20	64QAM	1	49	20.61	20.62	20.61		
20	64QAM	1	99	20.59	20.64	20.65		
20	64QAM	50	0	19.70	19.71	19.69	21	1.5
20	64QAM	50	24	19.72	19.70	19.64		
20	64QAM	50	50	19.56	19.73	19.65		
20	64QAM	100	0	19.62	19.65	19.61		
20	256QAM	1	0	17.76	17.77	17.75	19	3.5
20	256QAM	1	49	17.72	17.66	17.62		
20	256QAM	1	99	17.55	17.78	17.74		
20	256QAM	50	0	17.62	17.64	17.67	19	3.5
20	256QAM	50	24	17.64	17.64	17.68		
20	256QAM	50	50	17.67	17.68	17.70		
20	256QAM	100	0	17.71	17.69	17.64		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.18	21.14	21.16	22.5	0
15	QPSK	1	37	21.08	21.12	21.03		
15	QPSK	1	74	20.98	21.16	21.10		
15	QPSK	36	0	21.05	21.14	21.11	22.5	0
15	QPSK	36	20	21.09	21.09	21.14		
15	QPSK	36	39	21.03	21.14	21.15		
15	QPSK	75	0	21.06	21.07	21.08		
15	16QAM	1	0	21.07	21.08	20.99	22.5	0
15	16QAM	1	37	20.99	20.94	20.94		
15	16QAM	1	74	20.94	21.05	21.06		
15	16QAM	36	0	20.58	20.57	20.63	22	0.5
15	16QAM	36	20	20.51	20.56	20.53		
15	16QAM	36	39	20.56	20.72	20.59		
15	16QAM	75	0	20.41	20.65	20.60		
15	64QAM	1	0	20.56	20.52	20.60	22	0.5
15	64QAM	1	37	20.51	20.58	20.51		
15	64QAM	1	74	20.48	20.56	20.58		
15	64QAM	36	0	19.58	19.68	19.66	21	1.5
15	64QAM	36	20	19.63	19.58	19.57		
15	64QAM	36	39	19.44	19.61	19.57		
15	64QAM	75	0	19.51	19.56	19.58		
15	256QAM	1	0	17.63	17.66	17.72	19	3.5
15	256QAM	1	37	17.65	17.61	17.56		
15	256QAM	1	74	17.50	17.64	17.61		
15	256QAM	36	0	17.51	17.53	17.54	19	3.5
15	256QAM	36	20	17.61	17.52	17.64		
15	256QAM	36	39	17.62	17.60	17.60		
15	256QAM	75	0	17.64	17.58	17.57		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.15	21.12	21.19	22.5	0
10	QPSK	1	25	21.06	21.13	21.11		
10	QPSK	1	49	21.05	21.09	21.15		
10	QPSK	25	0	21.01	21.07	21.11	22.5	0
10	QPSK	25	12	21.03	21.02	21.11		
10	QPSK	25	25	21.08	21.05	21.10		
10	QPSK	50	0	21.09	21.05	21.09		
10	16QAM	1	0	21.00	21.06	21.01	22.5	0
10	16QAM	1	25	21.01	20.91	20.97		
10	16QAM	1	49	21.04	21.03	21.07		
10	16QAM	25	0	20.58	20.64	20.61	22	0.5
10	16QAM	25	12	20.48	20.58	20.48		
10	16QAM	25	25	20.60	20.71	20.61		
10	16QAM	50	0	20.42	20.71	20.62		
10	64QAM	1	0	20.51	20.50	20.66	22	0.5
10	64QAM	1	25	20.52	20.53	20.59		
10	64QAM	1	49	20.54	20.50	20.55		
10	64QAM	25	0	19.57	19.58	19.61	21	1.5
10	64QAM	25	12	19.62	19.66	19.56		
10	64QAM	25	25	19.51	19.67	19.56		
10	64QAM	50	0	19.55	19.56	19.55		
10	256QAM	1	0	17.72	17.63	17.70	19	3.5
10	256QAM	1	25	17.61	17.63	17.54		
10	256QAM	1	49	17.44	17.72	17.70		
10	256QAM	25	0	17.50	17.57	17.61	19	3.5
10	256QAM	25	12	17.58	17.60	17.61		
10	256QAM	25	25	17.59	17.59	17.67		
10	256QAM	50	0	17.64	17.64	17.59		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.14	21.19	21.14	22.5	0
5	QPSK	1	12	21.06	21.07	21.06		
5	QPSK	1	24	21.04	21.13	21.10		
5	QPSK	12	0	21.08	21.12	21.07	22.5	0
5	QPSK	12	7	21.11	21.06	21.10		
5	QPSK	12	13	21.08	21.12	21.09		
5	QPSK	25	0	21.09	21.17	21.03		
5	16QAM	1	0	21.04	21.13	21.05	22.5	0
5	16QAM	1	12	21.02	20.96	20.96		
5	16QAM	1	24	20.93	20.99	21.05		
5	16QAM	12	0	20.64	20.67	20.53	22	0.5
5	16QAM	12	7	20.49	20.56	20.50		
5	16QAM	12	13	20.50	20.70	20.67		
5	16QAM	25	0	20.48	20.62	20.54		
5	64QAM	1	0	20.54	20.50	20.59	22	0.5
5	64QAM	1	12	20.53	20.54	20.54		
5	64QAM	1	24	20.54	20.60	20.58		
5	64QAM	12	0	19.60	19.66	19.64	21	1.5
5	64QAM	12	7	19.60	19.61	19.56		
5	64QAM	12	13	19.47	19.59	19.56		
5	64QAM	25	0	19.59	19.61	19.55		
5	256QAM	1	0	17.66	17.73	17.61	19	3.5
5	256QAM	1	12	17.68	17.53	17.53		
5	256QAM	1	24	17.43	17.69	17.71		
5	256QAM	12	0	17.57	17.57	17.61	19	3.5
5	256QAM	12	7	17.59	17.55	17.57		
5	256QAM	12	13	17.58	17.65	17.66		
5	256QAM	25	0	17.63	17.58	17.61		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.13	21.19	21.13	22.5	0
3	QPSK	1	8	21.03	21.14	21.08		
3	QPSK	1	14	21.06	21.21	21.11		
3	QPSK	8	0	21.09	21.14	21.12	22.5	0
3	QPSK	8	4	21.09	21.05	21.05		
3	QPSK	8	7	21.06	21.11	21.10		
3	QPSK	15	0	21.13	21.17	21.03		
3	16QAM	1	0	21.09	21.06	21.06	22.5	0
3	16QAM	1	8	21.11	20.99	21.00		
3	16QAM	1	14	21.00	21.08	21.05		
3	16QAM	8	0	20.60	20.62	20.54	22	0.5
3	16QAM	8	4	20.48	20.67	20.50		
3	16QAM	8	7	20.55	20.74	20.65		
3	16QAM	15	0	20.48	20.63	20.53		
3	64QAM	1	0	20.56	20.49	20.60	22	0.5
3	64QAM	1	8	20.56	20.50	20.51		
3	64QAM	1	14	20.51	20.50	20.52		
3	64QAM	8	0	19.64	19.66	19.57	21	1.5
3	64QAM	8	4	19.64	19.59	19.54		
3	64QAM	8	7	19.54	19.67	19.59		
3	64QAM	15	0	19.55	19.55	19.47		
3	256QAM	1	0	17.71	17.69	17.66	19	3.5
3	256QAM	1	8	17.68	17.54	17.48		
3	256QAM	1	14	17.43	17.71	17.62		
3	256QAM	8	0	17.52	17.54	17.60	19	3.5
3	256QAM	8	4	17.59	17.56	17.58		
3	256QAM	8	7	17.56	17.61	17.60		
3	256QAM	15	0	17.58	17.61	17.53		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.08	21.16	21.09	22.5	0
1.4	QPSK	1	3	21.04	21.11	21.01		
1.4	QPSK	1	5	21.03	21.17	21.08		
1.4	QPSK	3	0	21.09	21.18	21.02		
1.4	QPSK	3	1	21.05	21.04	21.05		
1.4	QPSK	3	3	21.00	21.14	21.10		
1.4	QPSK	6	0	21.02	21.06	21.08	22.5	0
1.4	16QAM	1	0	21.00	21.09	21.05	22.5	0
1.4	16QAM	1	3	21.06	20.97	20.99		
1.4	16QAM	1	5	21.01	21.05	21.06		
1.4	16QAM	3	0	20.88	20.99	20.96		
1.4	16QAM	3	1	20.99	20.94	20.87		
1.4	16QAM	3	3	20.91	20.96	20.96		
1.4	16QAM	6	0	20.50	20.60	20.53	22	0.5
1.4	64QAM	1	0	20.59	20.53	20.66	22	0.5
1.4	64QAM	1	3	20.47	20.54	20.49		
1.4	64QAM	1	5	20.54	20.54	20.61		
1.4	64QAM	3	0	20.53	20.49	20.58		
1.4	64QAM	3	1	20.35	20.47	20.42		
1.4	64QAM	3	3	20.51	20.46	20.54		
1.4	64QAM	6	0	19.53	19.61	19.50	21	1.5
1.4	256QAM	1	0	17.63	17.68	17.65	19	3.5
1.4	256QAM	1	3	17.63	17.56	17.52		
1.4	256QAM	1	5	17.42	17.65	17.68		
1.4	256QAM	3	0	17.57	17.57	17.59		
1.4	256QAM	3	1	17.50	17.51	17.64		
1.4	256QAM	3	3	17.54	17.66	17.63		
1.4	256QAM	6	0	17.66	17.58	17.57	19	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.51	22.54	22.52	24	0
20	QPSK	1	49	22.42	22.46	22.46		
20	QPSK	1	99	22.51	22.45	22.44		
20	QPSK	50	0	21.49	21.60	21.50	23	1
20	QPSK	50	24	21.43	21.46	21.35		
20	QPSK	50	50	21.44	21.53	21.47		
20	QPSK	100	0	21.48	21.61	21.52		
20	16QAM	1	0	21.49	21.53	21.46	23	1
20	16QAM	1	49	21.53	21.54	21.42		
20	16QAM	1	99	21.33	21.55	21.39		
20	16QAM	50	0	20.58	20.54	20.56	22	2
20	16QAM	50	24	20.68	20.60	20.54		
20	16QAM	50	50	20.56	20.61	20.33		
20	16QAM	100	0	20.48	20.68	20.58		
20	64QAM	1	0	20.60	20.61	20.52	22	2
20	64QAM	1	49	20.47	20.61	20.37		
20	64QAM	1	99	20.53	20.46	20.39		
20	64QAM	50	0	19.51	19.78	19.58	21	3
20	64QAM	50	24	19.49	19.70	19.54		
20	64QAM	50	50	19.47	19.52	19.59		
20	64QAM	100	0	19.48	19.53	19.33		
20	256QAM	1	0	17.66	17.67	17.66	19	5
20	256QAM	1	49	17.50	17.71	17.47		
20	256QAM	1	99	17.49	17.58	17.65		
20	256QAM	50	0	17.56	17.65	17.57	19	5
20	256QAM	50	24	17.50	17.54	17.64		
20	256QAM	50	50	17.62	17.62	17.68		
20	256QAM	100	0	17.48	17.57	17.54		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.43	22.50	22.39	24	0
15	QPSK	1	37	22.32	22.41	22.39		
15	QPSK	1	74	22.40	22.35	22.32		
15	QPSK	36	0	21.37	21.51	21.36	23	1
15	QPSK	36	20	21.37	21.36	21.20		
15	QPSK	36	39	21.32	21.48	21.38		
15	QPSK	75	0	21.36	21.58	21.40		
15	16QAM	1	0	21.35	21.40	21.41	23	1
15	16QAM	1	37	21.38	21.48	21.36		
15	16QAM	1	74	21.23	21.51	21.35		
15	16QAM	36	0	20.52	20.48	20.42	22	2
15	16QAM	36	20	20.64	20.54	20.50		
15	16QAM	36	39	20.50	20.50	20.27		
15	16QAM	75	0	20.42	20.57	20.52		
15	64QAM	1	0	20.56	20.51	20.37	22	2
15	64QAM	1	37	20.32	20.50	20.26		
15	64QAM	1	74	20.47	20.32	20.29		
15	64QAM	36	0	19.37	19.68	19.50	21	3
15	64QAM	36	20	19.36	19.59	19.41		
15	64QAM	36	39	19.38	19.45	19.50		
15	64QAM	75	0	19.34	19.48	19.27		
15	256QAM	1	0	17.59	17.55	17.62	19	5
15	256QAM	1	37	17.38	17.62	17.35		
15	256QAM	1	74	17.41	17.48	17.51		
15	256QAM	36	0	17.52	17.55	17.50	19	5
15	256QAM	36	20	17.42	17.45	17.56		
15	256QAM	36	39	17.58	17.52	17.60		
15	256QAM	75	0	17.35	17.48	17.49		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.36	22.42	22.46	24	0
10	QPSK	1	25	22.34	22.31	22.36		
10	QPSK	1	49	22.45	22.36	22.35		
10	QPSK	25	0	21.34	21.55	21.36	23	1
10	QPSK	25	12	21.31	21.39	21.24		
10	QPSK	25	25	21.40	21.47	21.33		
10	QPSK	50	0	21.44	21.52	21.39		
10	16QAM	1	0	21.34	21.39	21.42	23	1
10	16QAM	1	25	21.39	21.51	21.28		
10	16QAM	1	49	21.22	21.43	21.31		
10	16QAM	25	0	20.46	20.49	20.49	22	2
10	16QAM	25	12	20.57	20.48	20.43		
10	16QAM	25	25	20.41	20.53	20.24		
10	16QAM	50	0	20.43	20.58	20.45		
10	64QAM	1	0	20.56	20.47	20.39	22	2
10	64QAM	1	25	20.36	20.48	20.29		
10	64QAM	1	49	20.44	20.40	20.30		
10	64QAM	25	0	19.47	19.73	19.44	21	3
10	64QAM	25	12	19.40	19.59	19.44		
10	64QAM	25	25	19.40	19.42	19.54		
10	64QAM	50	0	19.36	19.39	19.22		
10	256QAM	1	0	17.58	17.61	17.55	19	5
10	256QAM	1	25	17.38	17.59	17.41		
10	256QAM	1	49	17.43	17.55	17.56		
10	256QAM	25	0	17.45	17.56	17.49	19	5
10	256QAM	25	12	17.38	17.46	17.56		
10	256QAM	25	25	17.52	17.57	17.55		
10	256QAM	50	0	17.33	17.47	17.40		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.46	22.51	22.42	24	0
5	QPSK	1	12	22.31	22.34	22.32		
5	QPSK	1	24	22.39	22.31	22.33		
5	QPSK	12	0	21.43	21.49	21.44	23	1
5	QPSK	12	7	21.33	21.40	21.27		
5	QPSK	12	13	21.29	21.48	21.44		
5	QPSK	25	0	21.34	21.49	21.44		
5	16QAM	1	0	21.36	21.44	21.35	23	1
5	16QAM	1	12	21.43	21.42	21.32		
5	16QAM	1	24	21.19	21.43	21.27		
5	16QAM	12	0	20.51	20.45	20.43	22	2
5	16QAM	12	7	20.65	20.51	20.47		
5	16QAM	12	13	20.46	20.49	20.21		
5	16QAM	25	0	20.35	20.55	20.48		
5	64QAM	1	0	20.53	20.49	20.41	22	2
5	64QAM	1	12	20.42	20.48	20.28		
5	64QAM	1	24	20.42	20.34	20.31		
5	64QAM	12	0	19.41	19.69	19.49	21	3
5	64QAM	12	7	19.39	19.60	19.50		
5	64QAM	12	13	19.43	19.38	19.51		
5	64QAM	25	0	19.35	19.49	19.20		
5	256QAM	1	0	17.56	17.62	17.55	19	5
5	256QAM	1	12	17.43	17.56	17.33		
5	256QAM	1	24	17.36	17.52	17.61		
5	256QAM	12	0	17.45	17.53	17.46	19	5
5	256QAM	12	7	17.38	17.51	17.55		
5	256QAM	12	13	17.53	17.58	17.58		
5	256QAM	25	0	17.33	17.51	17.49		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.75	21.79	21.72	22.6	0
20	QPSK	1	49	21.68	21.73	21.63		
20	QPSK	1	99	21.69	21.68	21.69		
20	QPSK	50	0	21.66	21.76	21.60	22.6	0
20	QPSK	50	24	21.68	21.66	21.67		
20	QPSK	50	50	21.66	21.61	21.68		
20	QPSK	100	0	21.65	21.75	21.65		
20	16QAM	1	0	21.70	21.71	21.73	22.6	0
20	16QAM	1	49	21.65	21.73	21.61		
20	16QAM	1	99	21.66	21.53	21.58		
20	16QAM	50	0	21.47	21.57	21.50	22.6	0
20	16QAM	50	24	21.55	21.68	21.50		
20	16QAM	50	50	21.53	21.62	21.65		
20	16QAM	100	0	21.59	21.63	21.60		
20	64QAM	1	0	21.74	21.65	21.73	22.6	0
20	64QAM	1	49	21.52	21.63	21.53		
20	64QAM	1	99	21.53	21.64	21.52		
20	64QAM	50	0	21.26	21.23	21.19	22	0.6
20	64QAM	50	24	20.99	21.19	21.08		
20	64QAM	50	50	21.05	21.11	21.12		
20	64QAM	100	0	21.07	21.19	20.95		
20	256QAM	1	0	19.18	19.21	19.14	20	2.6
20	256QAM	1	49	19.07	19.24	19.04		
20	256QAM	1	99	19.04	19.13	19.01		
20	256QAM	50	0	19.05	19.17	19.08	20	2.6
20	256QAM	50	24	19.03	19.09	19.07		
20	256QAM	50	50	19.10	19.14	19.07		
20	256QAM	100	0	19.07	19.09	19.02		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.65	21.73	21.65	22.6	0
15	QPSK	1	37	21.59	21.62	21.55		
15	QPSK	1	74	21.61	21.56	21.58		
15	QPSK	36	0	21.57	21.63	21.55	22.6	0
15	QPSK	36	20	21.62	21.58	21.59		
15	QPSK	36	39	21.56	21.54	21.61		
15	QPSK	75	0	21.57	21.62	21.62		
15	16QAM	1	0	21.61	21.58	21.71	22.6	0
15	16QAM	1	37	21.53	21.62	21.50		
15	16QAM	1	74	21.58	21.46	21.53		
15	16QAM	36	0	21.41	21.44	21.38	22.6	0
15	16QAM	36	20	21.52	21.56	21.41		
15	16QAM	36	39	21.45	21.53	21.52		
15	16QAM	75	0	21.53	21.59	21.46		
15	64QAM	1	0	21.68	21.54	21.67	22.6	0
15	64QAM	1	37	21.43	21.51	21.48		
15	64QAM	1	74	21.45	21.50	21.47		
15	64QAM	36	0	21.18	21.20	21.14	22	0.6
15	64QAM	36	20	20.92	21.11	20.97		
15	64QAM	36	39	21.03	21.04	20.99		
15	64QAM	75	0	20.97	21.07	20.84		
15	256QAM	1	0	19.09	19.10	19.02	20	2.6
15	256QAM	1	37	18.98	19.14	18.99		
15	256QAM	1	74	18.92	19.09	18.90		
15	256QAM	36	0	19.00	19.06	18.97	20	2.6
15	256QAM	36	20	18.94	19.03	18.96		
15	256QAM	36	39	18.99	19.07	18.95		
15	256QAM	75	0	19.01	19.01	18.97		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.70	21.74	21.67	22.6	0
10	QPSK	1	25	21.56	21.65	21.59		
10	QPSK	1	49	21.57	21.64	21.55		
10	QPSK	25	0	21.54	21.69	21.57	22.6	0
10	QPSK	25	12	21.61	21.62	21.58		
10	QPSK	25	25	21.59	21.51	21.64		
10	QPSK	50	0	21.61	21.72	21.60		
10	16QAM	1	0	21.64	21.66	21.63	22.6	0
10	16QAM	1	25	21.61	21.68	21.54		
10	16QAM	1	49	21.62	21.50	21.54		
10	16QAM	25	0	21.34	21.53	21.47	22.6	0
10	16QAM	25	12	21.44	21.57	21.45		
10	16QAM	25	25	21.42	21.55	21.62		
10	16QAM	50	0	21.50	21.52	21.49		
10	64QAM	1	0	21.70	21.62	21.71	22.6	0
10	64QAM	1	25	21.39	21.54	21.42		
10	64QAM	1	49	21.48	21.61	21.42		
10	64QAM	25	0	21.19	21.19	21.11	22	0.6
10	64QAM	25	12	20.89	21.12	20.96		
10	64QAM	25	25	21.03	21.01	21.09		
10	64QAM	50	0	20.98	21.07	20.90		
10	256QAM	1	0	19.10	19.15	19.08	20	2.6
10	256QAM	1	25	19.01	19.13	18.96		
10	256QAM	1	49	18.92	19.09	18.88		
10	256QAM	25	0	19.00	19.09	19.02	20	2.6
10	256QAM	25	12	18.94	19.07	18.97		
10	256QAM	25	25	18.96	19.05	19.01		
10	256QAM	50	0	19.04	18.96	18.98		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.63	21.74	21.68	22.6	0
5	QPSK	1	12	21.66	21.67	21.52		
5	QPSK	1	24	21.64	21.57	21.60		
5	QPSK	12	0	21.63	21.71	21.55	22.6	0
5	QPSK	12	7	21.65	21.60	21.60		
5	QPSK	12	13	21.53	21.48	21.62		
5	QPSK	25	0	21.54	21.62	21.57		
5	16QAM	1	0	21.61	21.68	21.70	22.6	0
5	16QAM	1	12	21.55	21.62	21.50		
5	16QAM	1	24	21.59	21.45	21.55		
5	16QAM	12	0	21.41	21.46	21.44	22.6	0
5	16QAM	12	7	21.42	21.55	21.42		
5	16QAM	12	13	21.40	21.57	21.55		
5	16QAM	25	0	21.55	21.51	21.48		
5	64QAM	1	0	21.71	21.56	21.69	22.6	0
5	64QAM	1	12	21.46	21.51	21.42		
5	64QAM	1	24	21.51	21.50	21.48		
5	64QAM	12	0	21.20	21.21	21.06	22	0.6
5	64QAM	12	7	20.96	21.13	21.02		
5	64QAM	12	13	20.98	21.08	21.02		
5	64QAM	25	0	21.05	21.17	20.90		
5	256QAM	1	0	19.15	19.12	19.03	20	2.6
5	256QAM	1	12	18.98	19.15	18.99		
5	256QAM	1	24	19.00	19.06	18.92		
5	256QAM	12	0	18.99	19.11	19.02	20	2.6
5	256QAM	12	7	19.01	19.00	19.01		
5	256QAM	12	13	19.07	19.04	18.94		
5	256QAM	25	0	19.02	19.06	18.99		

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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	21.82	21.85	21.88	21.83	21.80	22.6	0
20	QPSK	1	49	21.76	21.75	21.85	21.74	21.75		
20	QPSK	1	99	21.76	21.74	21.75	21.78	21.69		
20	QPSK	50	0	21.73	21.71	21.81	21.70	21.74	22.6	0
20	QPSK	50	24	21.75	21.71	21.77	21.69	21.76		
20	QPSK	50	50	21.76	21.80	21.75	21.79	21.71		
20	QPSK	100	0	21.78	21.74	21.80	21.74	21.68		
20	16QAM	1	0	21.75	21.81	21.78	21.78	21.71	22.6	0
20	16QAM	1	49	21.69	21.67	21.80	21.66	21.60		
20	16QAM	1	99	21.65	21.70	21.64	21.70	21.64		
20	16QAM	50	0	21.58	21.57	21.67	21.61	21.69	22.6	0
20	16QAM	50	24	21.70	21.68	21.73	21.58	21.71		
20	16QAM	50	50	21.62	21.67	21.70	21.72	21.59		
20	16QAM	100	0	21.71	21.61	21.75	21.63	21.54		
20	64QAM	1	0	21.70	21.80	21.76	21.79	21.65	22.6	0
20	64QAM	1	49	21.73	21.64	21.72	21.61	21.68		
20	64QAM	1	99	21.67	21.66	21.70	21.64	21.56		
20	64QAM	50	0	21.26	21.30	21.33	21.28	21.25	22	0.6
20	64QAM	50	24	21.11	21.10	21.31	21.18	21.20		
20	64QAM	50	50	21.19	21.12	21.20	21.14	21.08		
20	64QAM	100	0	21.16	21.15	21.27	21.06	21.11		
20	256QAM	1	0	19.17	19.25	19.25	19.23	19.20	20	2.6
20	256QAM	1	49	19.15	19.18	19.29	19.09	19.12		
20	256QAM	1	99	19.10	19.13	19.16	19.15	19.11		
20	256QAM	50	0	19.18	19.08	19.25	19.12	19.20	20	2.6
20	256QAM	50	24	19.16	19.07	19.19	19.11	19.10		
20	256QAM	50	50	19.10	19.15	19.20	19.18	19.16		
20	256QAM	100	0	19.15	19.13	19.19	19.14	19.12		
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	21.74	21.73	21.82	21.76	21.72	23	0
15	QPSK	1	37	21.69	21.66	21.78	21.67	21.71		
15	QPSK	1	74	21.73	21.69	21.61	21.71	21.57		
15	QPSK	36	0	21.69	21.64	21.68	21.64	21.66	22.6	0
15	QPSK	36	20	21.71	21.69	21.70	21.60	21.66		
15	QPSK	36	39	21.72	21.70	21.64	21.74	21.64		
15	QPSK	75	0	21.64	21.65	21.67	21.66	21.59		
15	16QAM	1	0	21.62	21.70	21.71	21.73	21.62	22.6	0
15	16QAM	1	37	21.63	21.58	21.72	21.58	21.57		
15	16QAM	1	74	21.51	21.65	21.50	21.57	21.61		
15	16QAM	36	0	21.56	21.53	21.63	21.50	21.60	22.6	0
15	16QAM	36	20	21.57	21.57	21.68	21.53	21.63		
15	16QAM	36	39	21.59	21.60	21.65	21.66	21.46		
15	16QAM	75	0	21.63	21.53	21.61	21.55	21.41		
15	64QAM	1	0	21.56	21.69	21.65	21.70	21.55	22.6	0
15	64QAM	1	37	21.60	21.61	21.63	21.58	21.55		
15	64QAM	1	74	21.62	21.59	21.63	21.62	21.51		
15	64QAM	36	0	21.13	21.19	21.31	21.19	21.21	22	0.6
15	64QAM	36	20	21.06	21.05	21.25	21.12	21.16		
15	64QAM	36	39	21.16	21.03	21.16	21.01	21.03		
15	64QAM	75	0	21.07	21.05	21.21	21.04	21.07		
15	256QAM	1	0	19.14	19.12	19.15	19.09	19.12	20	2.6
15	256QAM	1	37	19.04	19.09	19.16	18.98	19.07		
15	256QAM	1	74	18.97	19.11	19.09	19.11	19.00		
15	256QAM	36	0	19.06	19.03	19.21	19.01	19.11	20	2.6
15	256QAM	36	20	19.12	19.03	19.14	19.02	19.05		
15	256QAM	36	39	19.08	19.03	19.06	19.06	19.04		
15	256QAM	75	0	19.03	19.02	19.17	19.08	19.02		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.75	21.71	21.79	21.73	21.77	23	0
10	QPSK	1	25	21.72	21.65	21.76	21.70	21.65		
10	QPSK	1	49	21.72	21.71	21.64	21.66	21.61		
10	QPSK	25	0	21.67	21.62	21.69	21.60	21.69	22.6	0
10	QPSK	25	12	21.71	21.65	21.72	21.61	21.69		
10	QPSK	25	25	21.69	21.76	21.72	21.70	21.65		
10	QPSK	50	0	21.71	21.60	21.75	21.66	21.62		
10	16QAM	1	0	21.67	21.75	21.69	21.69	21.66	22.6	0
10	16QAM	1	25	21.65	21.54	21.67	21.53	21.53		
10	16QAM	1	49	21.56	21.61	21.50	21.58	21.54		
10	16QAM	25	0	21.45	21.49	21.63	21.56	21.60	22.6	0
10	16QAM	25	12	21.57	21.65	21.70	21.55	21.67		
10	16QAM	25	25	21.55	21.54	21.62	21.59	21.52		
10	16QAM	50	0	21.67	21.48	21.71	21.49	21.49		
10	64QAM	1	0	21.66	21.77	21.64	21.67	21.59	22.6	0
10	64QAM	1	25	21.68	21.58	21.67	21.53	21.62		
10	64QAM	1	49	21.56	21.56	21.60	21.62	21.50		
10	64QAM	25	0	21.21	21.21	21.27	21.19	21.14	22	0.6
10	64QAM	25	12	21.01	20.98	21.19	21.15	21.15		
10	64QAM	25	25	21.11	21.01	21.08	21.07	20.95		
10	64QAM	50	0	21.07	21.07	21.22	20.92	21.08		
10	256QAM	1	0	19.11	19.14	19.16	19.10	19.06	20	2.6
10	256QAM	1	25	19.03	19.11	19.19	18.96	19.03		
10	256QAM	1	49	19.05	19.06	19.07	19.10	19.01		
10	256QAM	25	0	19.15	18.95	19.21	19.02	19.13	20	2.6
10	256QAM	25	12	19.09	18.99	19.12	19.07	19.06		
10	256QAM	25	25	18.96	19.02	19.12	19.08	19.12		
10	256QAM	50	0	19.06	19.03	19.16	19.11	18.99		
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	21.70	21.75	21.80	21.78	21.73	23	0
5	QPSK	1	12	21.72	21.67	21.77	21.67	21.61		
5	QPSK	1	24	21.64	21.61	21.64	21.68	21.61		
5	QPSK	12	0	21.61	21.65	21.68	21.66	21.63	22.6	0
5	QPSK	12	7	21.71	21.62	21.71	21.61	21.67		
5	QPSK	12	13	21.73	21.75	21.66	21.67	21.61		
5	QPSK	25	0	21.75	21.64	21.75	21.69	21.61		
5	16QAM	1	0	21.69	21.75	21.64	21.74	21.65	22.6	0
5	16QAM	1	12	21.64	21.63	21.74	21.59	21.53		
5	16QAM	1	24	21.53	21.64	21.61	21.59	21.58		
5	16QAM	12	0	21.44	21.52	21.58	21.48	21.57	22.6	0
5	16QAM	12	7	21.60	21.55	21.63	21.53	21.65		
5	16QAM	12	13	21.53	21.56	21.64	21.58	21.50		
5	16QAM	25	0	21.65	21.49	21.72	21.57	21.48		
5	64QAM	1	0	21.62	21.71	21.63	21.77	21.60	22.6	0
5	64QAM	1	12	21.66	21.52	21.66	21.57	21.58		
5	64QAM	1	24	21.56	21.61	21.66	21.56	21.54		
5	64QAM	12	0	21.14	21.25	21.25	21.25	21.13	22	0.6
5	64QAM	12	7	20.98	21.05	21.19	21.08	21.09		
5	64QAM	12	13	21.09	21.05	21.09	21.07	20.97		
5	64QAM	25	0	21.14	21.07	21.16	21.00	21.03		
5	256QAM	1	0	19.05	19.23	19.20	19.11	19.18	20	2.6
5	256QAM	1	12	19.02	19.14	19.22	19.03	18.99		
5	256QAM	1	24	19.03	19.06	19.03	19.05	18.99		
5	256QAM	12	0	19.14	19.04	19.20	19.05	19.09	20	2.6
5	256QAM	12	7	19.13	18.97	19.17	19.01	19.02		
5	256QAM	12	13	19.07	19.05	19.06	19.14	19.05		
5	256QAM	25	0	19.05	19.06	19.07	19.04	19.07		

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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	23.05	23.01	23.10	23.08	23.06	24.2	0
20	QPSK	1	49	22.95	22.97	23.02	23.04	22.92		
20	QPSK	1	99	22.92	22.90	22.96	23.02	23.02		
20	QPSK	50	0	22.95	22.89	23.03	23.00	22.99	24.2	0
20	QPSK	50	24	22.97	22.88	23.02	22.98	23.02		
20	QPSK	50	50	22.99	22.96	23.02	22.95	22.99		
20	QPSK	100	0	23.00	22.97	23.02	22.98	22.95		
20	16QAM	1	0	22.96	22.93	23.01	23.00	22.92	24.2	0
20	16QAM	1	49	22.82	22.94	22.99	22.90	22.86		
20	16QAM	1	99	22.82	22.78	22.94	22.99	22.95		
20	16QAM	50	0	22.88	22.84	22.91	22.91	22.90	24.2	0
20	16QAM	50	24	22.92	22.79	22.97	22.96	22.91		
20	16QAM	50	50	22.94	22.93	22.94	22.90	22.91		
20	16QAM	100	0	22.87	22.94	22.94	22.89	22.85		
20	64QAM	1	0	22.98	22.92	22.99	23.03	22.95	24.2	0
20	64QAM	1	49	22.89	22.92	22.90	23.02	22.79		
20	64QAM	1	99	22.84	22.78	22.86	22.95	22.92		
20	64QAM	50	0	22.91	22.82	22.90	22.86	22.90	24.2	0
20	64QAM	50	24	22.94	22.83	22.97	22.95	22.98		
20	64QAM	50	50	22.90	22.83	22.98	22.87	22.96		
20	64QAM	100	0	22.93	22.88	22.89	22.89	22.89		
20	256QAM	1	0	21.89	21.83	21.84	21.83	21.81	23	1.2
20	256QAM	1	49	21.74	21.82	21.77	21.82	21.67		
20	256QAM	1	99	21.66	21.65	21.77	21.87	21.81		
20	256QAM	50	0	21.74	21.74	21.87	21.85	21.81	23	1.2
20	256QAM	50	24	21.74	21.71	21.80	21.74	21.86		
20	256QAM	50	50	21.75	21.76	21.86	21.76	21.75		
20	256QAM	100	0	21.77	21.76	21.81	21.83	21.78		
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	22.63	22.95	23.02	23.02	22.99	24	0
15	QPSK	1	37	22.93	22.88	22.92	23.02	22.80		
15	QPSK	1	74	22.79	22.87	22.83	22.93	22.95		
15	QPSK	36	0	22.92	22.83	22.93	22.90	22.92	24.2	0
15	QPSK	36	20	22.91	22.86	22.89	22.88	22.98		
15	QPSK	36	39	22.88	22.83	22.99	22.87	22.88		
15	QPSK	75	0	22.94	22.87	22.94	22.93	22.90		
15	16QAM	1	0	22.89	22.89	22.96	22.88	22.81	24.2	0
15	16QAM	1	37	22.70	22.90	22.91	22.86	22.76		
15	16QAM	1	74	22.79	22.75	22.85	22.88	22.83		
15	16QAM	36	0	22.84	22.75	22.89	22.83	22.88	24.2	0
15	16QAM	36	20	22.85	22.74	22.83	22.82	22.83		
15	16QAM	36	39	22.82	22.79	22.90	22.81	22.80		
15	16QAM	75	0	22.78	22.85	22.86	22.81	22.80		
15	64QAM	1	0	22.88	22.79	22.95	22.99	22.84	24.2	0
15	64QAM	1	37	22.83	22.85	22.82	22.98	22.76		
15	64QAM	1	74	22.73	22.76	22.73	22.87	22.86		
15	64QAM	36	0	22.81	22.71	22.78	22.78	22.86	24.2	0
15	64QAM	36	20	22.85	22.76	22.83	22.89	22.94		
15	64QAM	36	39	22.79	22.72	22.87	22.77	22.88		
15	64QAM	75	0	22.79	22.76	22.87	22.76	22.80		
15	256QAM	1	0	21.77	21.70	21.81	21.70	21.72	23	1.2
15	256QAM	1	37	21.63	21.79	21.73	21.69	21.55		
15	256QAM	1	74	21.64	21.56	21.72	21.76	21.71		
15	256QAM	36	0	21.62	21.61	21.83	21.77	21.69	23	1.2
15	256QAM	36	20	21.63	21.58	21.69	21.63	21.75		
15	256QAM	36	39	21.72	21.64	21.74	21.72	21.67		
15	256QAM	75	0	21.67	21.63	21.78	21.70	21.66		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.96	22.93	22.97	23.01	22.93	24	0
10	QPSK	1	25	22.92	22.87	22.88	22.99	22.82		
10	QPSK	1	49	22.89	22.84	22.86	22.91	22.91		
10	QPSK	25	0	22.90	22.80	22.93	22.91	22.90	24.2	0
10	QPSK	25	12	22.91	22.80	22.89	22.94	22.95		
10	QPSK	25	25	22.91	22.88	22.94	22.87	22.97		
10	QPSK	50	0	22.87	22.87	22.95	22.90	22.84		
10	16QAM	1	0	22.92	22.80	22.93	22.88	22.79	24.2	0
10	16QAM	1	25	22.69	22.82	22.88	22.86	22.75		
10	16QAM	1	49	22.69	22.65	22.84	22.85	22.85		
10	16QAM	25	0	22.75	22.72	22.81	22.86	22.85	24.2	0
10	16QAM	25	12	22.80	22.75	22.84	22.84	22.77		
10	16QAM	25	25	22.87	22.80	22.86	22.84	22.86		
10	16QAM	50	0	22.81	22.83	22.81	22.84	22.77		
10	64QAM	1	0	22.92	22.86

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.25	18.32	18.22		
20	QPSK	1	49	18.08	18.22	18.11	19.5	0
20	QPSK	1	99	18.23	18.12	18.26		
20	QPSK	50	0	18.23	18.24	18.11		
20	QPSK	50	24	18.11	18.18	18.17	19.5	0
20	QPSK	50	50	18.15	18.19	18.18		
20	QPSK	100	0	18.12	18.19	18.07		
20	16QAM	1	0	18.10	18.18	18.14		
20	16QAM	1	49	18.05	18.13	18.08	19.5	0
20	16QAM	1	99	18.10	18.04	18.14		
20	16QAM	50	0	18.12	18.22	18.03		
20	16QAM	50	24	17.99	18.06	18.13	19.5	0
20	16QAM	50	50	17.99	18.15	18.09		
20	16QAM	100	0	18.00	18.10	18.04		
20	64QAM	1	0	18.12	18.14	18.20		
20	64QAM	1	49	18.13	18.21	17.98	19.5	0
20	64QAM	1	99	18.11	18.10	18.17		
20	64QAM	50	0	18.22	18.16	18.04		
20	64QAM	50	24	18.03	18.08	17.54	19.5	0
20	64QAM	50	50	18.12	18.18	18.03		
20	64QAM	100	0	18.09	18.12	18.06		
20	256QAM	1	0	17.73	17.78	17.78		
20	256QAM	1	49	17.57	17.72	17.68	19	0.5
20	256QAM	1	99	17.70	17.63	17.71		
20	256QAM	50	0	17.73	17.64	17.60		
20	256QAM	50	24	17.59	17.67	17.67	19	0.5
20	256QAM	50	50	17.69	17.68	17.54		
20	256QAM	100	0	17.62	17.63	17.62		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.20	18.26	18.14		
15	QPSK	1	37	17.96	18.13	18.00	19.5	0
15	QPSK	1	74	18.20	18.00	18.23		
15	QPSK	36	0	18.12	18.13	18.06		
15	QPSK	36	20	18.08	18.14	18.07	19.5	0
15	QPSK	36	39	18.06	18.16	18.06		
15	QPSK	75	0	17.99	18.16	17.99		
15	16QAM	1	0	18.01	18.14	18.01		
15	16QAM	1	37	17.92	18.00	17.99	19.5	0
15	16QAM	1	74	17.98	17.94	18.00		
15	16QAM	36	0	18.02	18.10	18.00		
15	16QAM	36	20	17.86	17.97	18.05	19.5	0
15	16QAM	36	39	17.92	18.08	18.03		
15	16QAM	75	0	17.85	18.05	17.99		
15	64QAM	1	0	18.09	18.02	18.14		
15	64QAM	1	37	18.08	18.15	17.95	19.5	0
15	64QAM	1	74	18.08	17.98	18.11		
15	64QAM	36	0	18.17	18.04	18.02		
15	64QAM	36	20	17.97	18.01	18.16	19.5	0
15	64QAM	36	39	18.02	18.14	17.96		
15	64QAM	75	0	18.06	18.04	18.01		
15	256QAM	1	0	17.65	17.75	17.76		
15	256QAM	1	37	17.47	17.64	17.60	19	0.5
15	256QAM	1	74	17.66	17.57	17.66		
15	256QAM	36	0	17.65	17.52	17.47		
15	256QAM	36	20	17.48	17.55	17.61	19	0.5
15	256QAM	36	39	17.58	17.56	17.42		
15	256QAM	75	0	17.54	17.60	17.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.21	18.28	18.12		
10	QPSK	1	25	17.99	18.09	18.09	19.5	0
10	QPSK	1	49	18.11	17.99	18.12		
10	QPSK	25	0	18.10	18.12	17.98		
10	QPSK	25	12	18.09	18.11	18.14	19.5	0
10	QPSK	25	25	18.04	18.10	18.06		
10	QPSK	50	0	18.07	18.07	17.99		
10	16QAM	1	0	17.97	18.12	18.06		
10	16QAM	1	25	17.95	18.03	17.98	19.5	0
10	16QAM	1	49	18.09	18.04	18.04		
10	16QAM	25	0	18.09	18.17	17.96		
10	16QAM	25	12	17.89	17.97	17.99	19.5	0
10	16QAM	25	25	17.89	18.08	18.00		
10	16QAM	50	0	17.93	17.97	17.96		
10	64QAM	1	0	18.03	18.12	18.17		
10	64QAM	1	25	18.04	18.17	17.85	19.5	0
10	64QAM	1	49	18.08	18.00	18.07		
10	64QAM	25	0	18.17	18.02	17.99		
10	64QAM	25	12	17.99	18.04	18.15	19.5	0
10	64QAM	25	25	17.99	18.06	17.91		
10	64QAM	50	0	18.01	18.06	17.95		
10	256QAM	1	0	17.67	17.71	17.66		
10	256QAM	1	25	17.48	17.69	17.65	19	0.5
10	256QAM	1	49	17.57	17.54	17.60		
10	256QAM	25	0	17.68	17.54	17.53		
10	256QAM	25	12	17.62	17.67	17.61	19	0.5
10	256QAM	25	25	17.64	17.63	17.46		
10	256QAM	50	0	17.51	17.55	17.49		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.12	18.22	18.18		
5	QPSK	1	12	17.96	18.20	18.07	19.5	0
5	QPSK	1	24	18.20	18.07	18.17		
5	QPSK	12	0	18.13	18.11	17.99		
5	QPSK	12	7	18.02	18.08	18.09	19.5	0
5	QPSK	12	13	18.04	18.16	18.14		
5	QPSK	25	0	18.10	18.17	18.00		
5	16QAM	1	0	18.01	18.09	18.11		
5	16QAM	1	12	17.95	18.07	17.99	19.5	0
5	16QAM	1	24	18.00	17.92	18.10		
5	16QAM	12	0	18.02	18.10	17.95		
5	16QAM	12	7	17.91	17.98	18.06	19.5	0
5	16QAM	12	13	17.89	17.98	17.96		
5	16QAM	25	0	17.89	17.97	17.93		
5	64QAM	1	0	18.05	18.06	18.10		
5	64QAM	1	12	18.07	18.17	17.87	19.5	0
5	64QAM	1	24	18.01	18.04	18.10		
5	64QAM	12	0	18.16	18.09	17.92		
5	64QAM	12	7	17.92	17.98	18.09	19.5	0
5	64QAM	12	13	18.07	18.08	18.00		
5	64QAM	25	0	18.01	17.90	17.98		
5	256QAM	1	0	17.68	17.72	17.70		
5	256QAM	1	12	17.46	17.69	17.64	19	0.5
5	256QAM	1	24	17.56	17.49	17.61		
5	256QAM	12	0	17.70	17.53	17.53		
5	256QAM	12	7	17.55	17.64	17.56	19	0.5
5	256QAM	12	13	17.67	17.63	17.50		
5	256QAM	25	0	17.58	17.57	17.55		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.13	18.27	18.12		
3	QPSK	1	8	18.03	18.19	18.06	19.5	0
3	QPSK	1	14	18.20	18.02	18.23		
3	QPSK	8	0	18.18	18.21	18.01		
3	QPSK	8	4	18.06	18.06	18.03	19.5	0
3	QPSK	8	7	18.06	18.10	18.07		
3	QPSK	15	0	18.06	18.16	17.97		
3	16QAM	1	0	17.97	18.15	18.10		
3	16QAM	1	8	17.92	18.11	17.97	19.5	0
3	16QAM	1	14	18.07	17.96	18.06		
3	16QAM	8	0	18.04	18.16	17.89		
3	16QAM	8	4	17.96	18.02	18.06	19.5	0
3	16QAM	8	7	17.89	18.10	18.03		
3	16QAM	15	0	17.88	18.07	17.94		
3	64QAM	1	0	18.09	18.04	18.14		
3	64QAM	1	8	18.02	18.11	17.86	19.5	0
3	64QAM	1	14	18.05	18.04	18.11		
3	64QAM	8	0	18.15	18.13	17.98		
3	64QAM	8	4	17.93	17.96	18.06	19.5	0
3	64QAM	8	7	18.08	18.08	18.00		
3	64QAM	15	0	18.02	18.00	17.95		
3	256QAM	1	0	17.65	17.68	17.69		
3	256QAM	1	8	17.54	17.61	17.60	19	0.5
3	256QAM	1	14	17.69	17.54	17.60		
3	256QAM	8	0	17.71	17.55	17.57		
3	256QAM	8	4	17.50	17.59	17.54	19	0.5
3	256QAM	8	7	17.55	17.59	17.40		
3	256QAM	15	0	17.56	17.58	17.50		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.20	18.19	18.15		
1.4	QPSK	1	3	17.99	18.14	18.08		
1.4	QPSK	1	5	18.11	18.03	18.13	19.5	0
1.4	QPSK	3	0	18.13	18.16	18.03		
1.4	QPSK	3	1	18.04	18.13	18.15		
1.4	QPSK	3	3	18.06	18.16	18.10		
1.4	QPSK	6	0	18.03	18.12	17.95	19.5	0
1.4	16QAM	1	0	18.01	18.10	18.05		
1.4	16QAM	1	3	17.98	18.06	18.01		
1.4	16QAM	1	5	18.01	17.99	18.09	19.5	0
1.4	16QAM	3	0	18.08	18.15	17.92		
1.4	16QAM	3	1	17.86	18.03	18.06		
1.4	16QAM	3	3	17.86	18.03	18.07		
1.4	16QAM	6	0	17.94	18.01	18.00	19.5	0
1.4	64QAM	1	0	18.03	18.01	18.15		
1.4	64QAM	1	3	18.09	18.17	17.94		
1.4	64QAM	1	5	18.08	18.04	18.07	19.5	0
1.4	64QAM	3	0	18.17	18.07	17.95		
1.4	64QAM	3	1	17.91	17.98	18.09		
1.4	64QAM	3	3	17.99	18.10	17.93		
1.4	64QAM	6	0	18.06	18.08	18.02	19.5	0
1.4	256QAM	1	0	17.68	17.70	17.73		
1.4	256QAM	1	3	17.54	17.65	17.58		
1.4	256QAM	1	5	17.59	17.57	17.64	19	0.5
1.4	256QAM	3	0	17.68	17.59	17.49		
1.4	256QAM	3	1	17.47	17.61	17.60		
1.4	256QAM	3	3	17.63	17.66	17.43		
1.4	256QAM	6	0	17.58	17.51	17.50	19	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.55	18.64	18.52		
20	QPSK	1	49	18.46	18.47	18.52	19.8	0
20	QPSK	1	99	18.43	18.54	18.31		
20	QPSK	50	0	18.48	18.56	18.39		
20	QPSK	50	24	18.50	18.53	18.44	19.8	0
20	QPSK	50	50	18.49	18.52	18.39		
20	QPSK	100	0	18.44	18.51	18.46		
20	16QAM	1	0	18.41	18.48	18.46		
20	16QAM	1	49	18.43	18.41	18.36	19.8	0
20	16QAM	1	99	18.39	18.43	18.47		
20	16QAM	50	0	18.46	18.43	18.31		
20	16QAM	50	24	18.42	18.42	18.26	19.8	0
20	16QAM	50	50	18.47	18.43	18.36		
20	16QAM	100	0	18.37	18.41	18.37		
20	64QAM	1	0	18.40	18.51	18.44		
20	64QAM	1	49	18.42	18.53	18.46	19.8	0
20	64QAM	1	99	18.41	18.47	18.41		
20	64QAM	50	0	18.40	18.51	18.32		
20	64QAM	50	24	18.54	18.45	18.40	19.8	0
20	64QAM	50	50	18.42	18.34	18.31		
20	64QAM	100	0	18.44	18.43	18.28		
20	256QAM	1	0	17.69	17.68	17.74		
20	256QAM	1	49	17.81	17.66	17.83	19	0.8
20	256QAM	1	99	17.59	17.73	17.61		
20	256QAM	50	0	17.59	17.67	17.65		
20	256QAM	50	24	17.63	17.69	17.68	19	0.8
20	256QAM	50	50	17.66	17.78	17.64		
20	256QAM	100	0	17.63	17.67	17.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.50	18.57	18.49		
15	QPSK	1	37	18.44	18.48	18.44	19.8	0
15	QPSK	1	74	18.38	18.42	18.47		
15	QPSK	36	0	18.39	18.49	18.33		
15	QPSK	36	20	18.47	18.49	18.34	19.8	0
15	QPSK	36	39	18.38	18.50	18.34		
15	QPSK	75	0	18.39	18.44	18.35		
15	16QAM	1	0	18.38	18.41	18.39		
15	16QAM	1	37	18.37	18.30	18.26	19.8	0
15	16QAM	1	74	18.32	18.33	18.45		
15	16QAM	36	0	18.35	18.34	18.20		
15	16QAM	36	20	18.30	18.38	18.15	19.8	0
15	16QAM	36	39	18.43	18.33	18.29		
15	16QAM	75	0	18.28	18.36	18.24		
15	64QAM	1	0	18.29	18.48	18.32		
15	64QAM	1	37	18.30	18.44	18.40	19.8	0
15	64QAM	1	74	18.31	18.35	18.33		
15	64QAM	36	0	18.29	18.44	18.25		
15	64QAM	36	20	18.42	18.33	18.37	19.8	0
15	64QAM	36	39	18.33	18.20	18.20		
15	64QAM	75	0	18.33	18.39	18.23		
15	256QAM	1	0	17.58	17.65	17.64		
15	256QAM	1	37	17.69	17.67	17.73	19	0.8
15	256QAM	1	74	17.56	17.63	17.53		
15	256QAM	36	0	17.49	17.56	17.61		
15	256QAM	36	20	17.54	17.61	17.64	19	0.8
15	256QAM	36	39	17.55	17.57	17.61		
15	256QAM	75	0	17.54	17.55	17.59		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.42	18.48	18.41		
10	QPSK	1	25	18.40	18.44	18.48	19.8	0
10	QPSK	1	49	18.31	18.49	18.53		
10	QPSK	25	0	18.38	18.50	18.36		
10	QPSK	25	12	18.43	18.50	18.33	19.8	0
10	QPSK	25	25	18.40	18.39	18.29		
10	QPSK	50	0	18.36	18.39	18.42		
10	16QAM	1	0	18.35	18.41	18.37		
10	16QAM	1	25	18.35	18.31	18.23	19.8	0
10	16QAM	1	49	18.25	18.40	18.40		
10	16QAM	25	0	18.37	18.37	18.21		
10	16QAM	25	12	18.30	18.32	18.17	19.8	0
10	16QAM	25	25	18.36	18.33	18.34		
10	16QAM	50	0	18.35	18.36	18.28		
10	64QAM	1	0	18.27	18.44	18.34		
10	64QAM	1	25	18.37	18.49	18.38	19.8	0
10	64QAM	1	49	18.30	18.33	18.33		
10	64QAM	25	0	18.37	18.43	18.23		
10	64QAM	25	12	18.43	18.38	18.31	19.8	0
10	64QAM	25	25	18.38	18.25	18.20		
10	64QAM	50	0	18.40	18.40	18.20		
10	256QAM	1	0	17.66	17.66	17.69		
10	256QAM	1	25	17.76	17.54	17.70	19	0.8
10	256QAM	1	49	17.56	17.69	17.51		
10	256QAM	25	0	17.52	17.62	17.51		
10	256QAM	25	12	17.62	17.58	17.62	19	0.8
10	256QAM	25	25	17.62	17.75	17.54		
10	256QAM	50	0	17.49	17.56	17.55		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.50	18.50	18.39		
5	QPSK	1	12	18.39	18.38	18.48	19.8	0
5	QPSK	1	24	18.29	18.49	18.48		
5	QPSK	12	0	18.37	18.48	18.32		
5	QPSK	12	7	18.44	18.40	18.42	19.8	0
5	QPSK	12	13	18.38	18.45	18.34		
5	QPSK	25	0	18.30	18.45	18.34		
5	16QAM	1	0	18.30	18.36	18.34		
5	16QAM	1	12	18.38	18.32	18.23	19.8	0
5	16QAM	1	24	18.32	18.39	18.39		
5	16QAM	12	0	18.38	18.39	18.22		
5	16QAM	12	7	18.29	18.30	18.15	19.8	0
5	16QAM	12	13	18.40	18.38	18.31		
5	16QAM	25	0	18.23	18.37	18.25		
5	64QAM	1	0	18.27	18.41	18.35		
5	64QAM	1	12	18.35	18.50	18.33	19.8	0
5	64QAM	1	24	18.29	18.33	18.39		
5	64QAM	12	0	18.28	18.48	18.23		
5	64QAM	12	7	18.51	18.36	18.38	19.8	0
5	64QAM	12	13	18.33	18.23	18.25		
5	64QAM	25	0	18.33	18.38	18.20		
5	256QAM	1	0	17.56	17.63	17.62		
5	256QAM	1	12	17.68	17.63	17.75	19	0.8
5	256QAM	1	24	17.53	17.62	17.55		
5	256QAM	12	0	17.68	17.63	17.68		
5	256QAM	12	7	17.58	17.60	17.58	19	0.8
5	256QAM	12	13	17.60	17.74	17.59		
5	256QAM	25	0	17.49	17.58	17.58		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.45	18.54	18.40		
3	QPSK	1	8	18.41	18.38	18.45	19.8	0
3	QPSK	1	14	18.34	18.45	18.45		
3	QPSK	8	0	18.41	18.49	18.28		
3	QPSK	8	4	18.38	18.48	18.38	19.8	0
3	QPSK	8	7	18.42	18.43	18.30		
3	QPSK	15	0	18.40	18.42	18.38		
3	16QAM	1	0	18.29	18.43	18.43		
3	16QAM	1	8	18.40	18.34	18.25	19.8	0
3	16QAM	1	14	18.29	18.29	18.41		
3	16QAM	8	0	18.40	18.29	18.20		
3	16QAM	8	4	18.35	18.33	18.13	19.8	0
3	16QAM	8	7	18.43	18.32	18.28		
3	16QAM	15	0	18.24	18.36	18.31		
3	64QAM	1	0	18.36	18.43	18.40		
3	64QAM	1	8	18.29	18.40	18.43	19.8	0
3	64QAM	1	14	18.34	18.37	18.38		
3	64QAM	8	0	18.37	18.40	18.29		
3	64QAM	8	4	18.43	18.32	18.38	19.8	0
3	64QAM	8	7	18.39	18.30	18.29		
3	64QAM	15	0	18.39	18.39	18.22		
3	256QAM	1	0	17.57	17.57	17.67		
3	256QAM	1	8	17.79	17.53	17.79	19	0.8
3	256QAM	1	14	17.52	17.62	17.56		
3	256QAM	8	0	17.54	17.60	17.62		
3	256QAM	8	4	17.50	17.56	17.58	19	0.8
3	256QAM	8	7	17.55	17.65	17.50		
3	256QAM	15	0	17.57	17.62	17.56		
Channel				19967	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.49	18.53	18.40		
1.4	QPSK	1	3	18.36	18.37	18.38		
1.4	QPSK	1	5	18.33	18.44	18.55	19.8	0
1.4	QPSK	3	0	18.39	18.49	18.31		
1.4	QPSK	3	1	18.38	18.49	18.36		
1.4	QPSK	3	3	18.44	18.38	18.25		
1.4	QPSK	6	0	18.41	18.48	18.43	19.8	0
1.4	16QAM	1	0	18.38	18.43	18.33		
1.4	16QAM	1	3	18.36	18.39	18.32		
1.4	16QAM	1	5	18.35	18.40	18.35	19.8	0
1.4	16QAM	3	0	18.37	18.39	18.24		
1.4	16QAM	3	1	18.37	18.39	18.19		
1.4	16QAM	3	3	18.36	18.30	18.32		
1.4	16QAM	6	0	18.25	18.33	18.34	19.8	0
1.4	64QAM	1	0	18.33	18.41	18.36		
1.4	64QAM	1	3	18.36	18.47	18.35		
1.4	64QAM	1	5	18.34	18.34	18.27	19.8	0
1.4	64QAM	3	0	18.33	18.47	18.23		
1.4	64QAM	3	1	18.41	18.36	18.33		
1.4	64QAM	3	3	18.31	18.22	18.18		
1.4	64QAM	6	0	18.32	18.33	18.22	19.8	0
1.4	256QAM	1	0	17.65	17.63	17.61		
1.4	256QAM	1	3	17.74	17.63	17.76		
1.4	256QAM	1	5	17.48	17.67	17.50	19	0.8
1.4	256QAM	3	0	17.56	17.61	17.55		
1.4	256QAM	3	1	17.49	17.65	17.56		
1.4	256QAM	3	3	17.62	17.68	17.57		
1.4	256QAM	6	0	17.61	17.61	17.62	19	0.8

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.72	21.82	21.79		
10	QPSK	1	25	21.64	21.75	21.65	23	0
10	QPSK	1	49	21.76	21.70	21.76		
10	QPSK	25	0	20.73	20.84	20.79		
10	QPSK	25	12	20.67	20.75	20.64	22	1
10	QPSK	25	25	20.74	20.64	20.76		
10	QPSK	50	0	20.70	20.78	20.75		
10	16QAM	1	0	20.69	20.78	20.79		
10	16QAM	1	25	20.66	20.79	20.65	22	1
10	16QAM	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.72	21.76	21.71	23	0
10	QPSK	1	25	21.66	21.70	21.66		
10	QPSK	1	49	21.61	21.69	21.67		
10	QPSK	25	0	20.68	20.78	20.77	22	1
10	QPSK	25	12	20.67	20.74	20.63		
10	QPSK	25	25	20.59	20.74	20.70		
10	QPSK	50	0	20.68	20.73	20.65		
10	16QAM	1	0	20.70	20.72	20.66	22	1
10	16QAM	1	25	20.63	20.70	20.70		
10	16QAM	1	49	20.62	20.69	20.62		
10	16QAM	25	0	19.66	19.74	19.74	21	2
10	16QAM	25	12	19.63	19.74	19.58		
10	16QAM	25	25	19.64	19.76	19.75		
10	16QAM	50	0	19.65	19.78	19.59		
10	64QAM	1	0	19.67	19.76	19.77	21	2
10	64QAM	1	25	19.61	19.69	19.69		
10	64QAM	1	49	19.58	19.74	19.64		
10	64QAM	25	0	18.66	18.76	18.82	20	3
10	64QAM	25	12	18.65	18.75	18.68		
10	64QAM	25	25	18.60	18.78	18.70		
10	64QAM	50	0	18.67	18.68	18.70		
10	256QAM	1	0	16.62	16.84	16.80	18	5
10	256QAM	1	25	16.70	16.75	16.63		
10	256QAM	1	49	16.55	16.80	16.73		
10	256QAM	25	0	16.67	16.73	16.70	18	5
10	256QAM	25	12	16.65	16.74	16.68		
10	256QAM	25	25	16.66	16.71	16.72		
10	256QAM	50	0	16.63	16.72	16.60		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.60	21.64	21.59	23	0
5	QPSK	1	12	21.62	21.66	21.52		
5	QPSK	1	24	21.51	21.64	21.58		
5	QPSK	12	0	20.59	20.65	20.69	22	1
5	QPSK	12	7	20.65	20.64	20.51		
5	QPSK	12	13	20.51	20.62	20.65		
5	QPSK	25	0	20.63	20.64	20.57		
5	16QAM	1	0	20.61	20.64	20.58	22	1
5	16QAM	1	12	20.56	20.58	20.63		
5	16QAM	1	24	20.59	20.63	20.57		
5	16QAM	12	0	19.57	19.65	19.71	21	2
5	16QAM	12	7	19.52	19.70	19.52		
5	16QAM	12	13	19.53	19.70	19.62		
5	16QAM	25	0	19.54	19.76	19.54		
5	64QAM	1	0	19.62	19.71	19.71	21	2
5	64QAM	1	12	19.55	19.61	19.55		
5	64QAM	1	24	19.55	19.62	19.57		
5	64QAM	12	0	18.57	18.70	18.77	20	3
5	64QAM	12	7	18.61	18.71	18.62		
5	64QAM	12	13	18.50	18.65	18.66		
5	64QAM	25	0	18.58	18.63	18.64		
5	256QAM	1	0	16.52	16.78	16.72	18	5
5	256QAM	1	12	16.64	16.64	16.50		
5	256QAM	1	24	16.42	16.76	16.68		
5	256QAM	12	0	16.64	16.63	16.65	18	5
5	256QAM	12	7	16.54	16.72	16.63		
5	256QAM	12	13	16.59	16.61	16.59		
5	256QAM	25	0	16.59	16.70	16.53		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.59	21.65	21.66	23	0
3	QPSK	1	8	21.60	21.64	21.62		
3	QPSK	1	14	21.57	21.56	21.54		
3	QPSK	8	0	20.65	20.67	20.71	22	1
3	QPSK	8	4	20.60	20.66	20.59		
3	QPSK	8	7	20.52	20.63	20.61		
3	QPSK	15	0	20.60	20.63	20.53		
3	16QAM	1	0	20.66	20.64	20.59	22	1
3	16QAM	1	8	20.58	20.60	20.60		
3	16QAM	1	14	20.59	20.63	20.56		
3	16QAM	8	0	19.63	19.64	19.72	21	2
3	16QAM	8	4	19.52	19.66	19.55		
3	16QAM	8	7	19.53	19.64	19.62		
3	16QAM	15	0	19.52	19.64	19.51		
3	64QAM	1	0	19.59	19.69	19.73	21	2
3	64QAM	1	8	19.50	19.67	19.65		
3	64QAM	1	14	19.55	19.69	19.55		
3	64QAM	8	0	18.60	18.73	18.74	20	3
3	64QAM	8	4	18.59	18.71	18.66		
3	64QAM	8	7	18.55	18.75	18.64		
3	64QAM	15	0	18.58	18.64	18.59		
3	256QAM	1	0	16.54	16.81	16.75	18	5
3	256QAM	1	8	16.65	16.62	16.54		
3	256QAM	1	14	16.53	16.71	16.60		
3	256QAM	8	0	16.63	16.62	16.64	18	5
3	256QAM	8	4	16.53	16.62	16.63		
3	256QAM	8	7	16.62	16.59	16.69		
3	256QAM	15	0	16.53	16.62	16.50		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.67	21.66	21.59	23	0
1.4	QPSK	1	3	21.59	21.62	21.55		
1.4	QPSK	1	5	21.58	21.64	21.59		
1.4	QPSK	3	0	21.59	21.58	21.48		
1.4	QPSK	3	1	21.57	21.56	21.47		
1.4	QPSK	3	3	21.46	21.57	21.55		
1.4	QPSK	6	0	20.59	20.70	20.56	22	1
1.4	16QAM	1	0	20.61	20.59	20.63	22	1
1.4	16QAM	1	3	20.58	20.68	20.67		
1.4	16QAM	1	5	20.53	20.60	20.51		
1.4	16QAM	3	0	20.56	20.58	20.51		
1.4	16QAM	3	1	20.54	20.48	20.50		
1.4	16QAM	3	3	20.49	20.66	20.55		
1.4	16QAM	6	0	19.59	19.65	19.54	21	2
1.4	64QAM	1	0	19.56	19.67	19.65	21	2
1.4	64QAM	1	3	19.57	19.62	19.56		
1.4	64QAM	1	5	19.51	19.69	19.60		
1.4	64QAM	3	0	19.57	19.52	19.46		
1.4	64QAM	3	1	19.53	19.59	19.62		
1.4	64QAM	3	3	19.52	19.50	19.47		
1.4	64QAM	6	0	18.58	18.59	18.57	20	3
1.4	256QAM	1	0	16.50	16.79	16.74	18	5
1.4	256QAM	1	3	16.66	16.68	16.61		
1.4	256QAM	1	5	16.51	16.74	16.61		
1.4	256QAM	3	0	16.60	16.62	16.66		
1.4	256QAM	3	1	16.60	16.64	16.54		
1.4	256QAM	3	3	16.55	16.62	16.63		
1.4	256QAM	6	0	16.52	16.61	16.57	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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.92		23	0
10	QPSK	1	25		21.85			
10	QPSK	1	49		21.81			
10	QPSK	25	0		20.97		22	1
10	QPSK	25	12		20.87			
10	QPSK	25	25		20.80			
10	QPSK	50	0		20.88			
10	16QAM	1	0		20.87		22	1
10	16QAM	1	25		20.87			
10	16QAM	1	49		20.75			
10	16QAM	25	0		19.96		21	2
10	16QAM	25	12		19.82			
10	16QAM	25	25		19.77			
10	16QAM	50	0		19.86			
10	64QAM	1	0		19.87		21	2
10	64QAM	1	25		19.88			
10	64QAM	1	49		19.83			
10	64QAM	25	0		19.01		20	3
10	64QAM	25	12		18.92			
10	64QAM	25	25		18.85			
10	64QAM	50	0		18.93			
10	256QAM	1	0		16.98		18	5
10	256QAM	1	25		16.82			
10	256QAM	1	49		16.84			
10	256QAM	25	0		16.85		18	5
10	256QAM	25	12		16.86			
10	256QAM	25	25		16.88			
10	256QAM	50	0		16.70			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.78	21.88	21.79	23	0
5	QPSK	1	12	21.72	21.72	21.76		
5	QPSK	1	24	21.78	21.78	21.78		
5	QPSK	12	0	20.86	20.89	20.84	22	1
5	QPSK	12	7	20.76	20.75	20.74		
5	QPSK	12	13	20.76	20.73	20.74		
5	QPSK	25	0	20.86	20.79	20.80		
5	16QAM	1	0	20.83	20.74	20.82	22	1
5	16QAM	1	12	20.82	20.84	20.79		
5	16QAM	1	24	20.66	20.68	20.71		
5	16QAM	12	0	19.85	19.91	19.90	21	2
5	16QAM	12	7	19.74	19.80	19.75		
5	16QAM	12	13	19.65	19.68	19.71		
5	16QAM	25	0	19.83	19.77	19.72		
5	64QAM	1	0	19.75	19.83	19.82	21	2
5	64QAM	1	12	19.75	19.77	19.79		
5	64QAM	1	24	19.73	19.69	19.75		
5	64QAM	12	0	18.90	18.87	18.97	20	3
5	64QAM	12	7	18.84	18.87	18.82		
5	64QAM	12	13	18.79	18.82	18.82		
5	64QAM	25	0	18.85	18.89	18.82		
5	256QAM	1	0	16.85	16.89	16.91	18	5
5	256QAM	1	12	16.80	16.76	16.76		
5	256QAM	1	24	16.72	16.74	16.71		
5	256QAM	12	0	16.77	16.81	16.75	18	5
5	256QAM	12	7	16.73	16.78	16.78		
5	256QAM	12	13	16.83	16.86	16.74		
5	256QAM	25	0	16.62	16.66	16.67		

Band 14 Ant 1 ECI 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.95		23	0
10	QPSK	1	25		21.91			
10	QPSK	1	49		21.86			
10	QPSK	25	0		20.98		22	1
10	QPSK	25	12		20.85			
10	QPSK	25	25		20.86			
10	QPSK	50	0		20.94			
10	16QAM	1	0		20.92		22	1
10	16QAM	1	25		20.88			
10	16QAM	1	49		20.83			
10	16QAM	25	0		19.98		21	2
10	16QAM	25	12		19.84			
10	16QAM	25	25		19.84			
10	16QAM	50	0		19.89			
10	64QAM	1	0		19.92		21	2
10	64QAM	1	25		19.95			
10	64QAM	1	49		19.85			
10	64QAM	25	0		18.94		20	3
10	64QAM	25	12		18.80			
10	64QAM	25	25		18.89			
10	64QAM	50	0		18.99			
10	256QAM	1	0		16.98		18	5
10	256QAM	1	25		16.87			
10	256QAM	1	49		16.89			
10	256QAM	25	0		16.96		18	5
10	256QAM	25	12		16.96			
10	256QAM	25	25		16.94			
10	256QAM	50	0		16.82			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.89	21.93	21.84	23	0
5	QPSK	1	12	21.83	21.86	21.82		
5	QPSK	1	24	21.78	21.81	21.83		
5	QPSK	12	0	20.85	20.96	20.93	22	1
5	QPSK	12	7	20.79	20.72	20.81		
5	QPSK	12	13	20.79	20.76	20.82		
5	QPSK	25	0	20.90	20.90	20.80		
5	16QAM	1	0	20.82	20.84	20.87	22	1
5	16QAM	1	12	20.86	20.80	20.75		
5	16QAM	1	24	20.79	20.76	20.80		
5	16QAM	12	0	19.88	19.87	19.94	21	2
5	16QAM	12	7	19.77	19.77	19.75		
5	16QAM	12	13	19.81	19.76	19.79		
5	16QAM	25	0	19.84	19.78	19.85		
5	64QAM	1	0	19.87	19.87	19.80	21	2
5	64QAM	1	12	19.90	19.92	19.87		
5	64QAM	1	24	19.80	19.73	19.72		
5	64QAM	12	0	18.83	18.83	18.91	20	3
5	64QAM	12	7	18.72	18.76	18.69		
5	64QAM	12	13	18.76	18.80	18.82		
5	64QAM	25	0	18.95	18.97	18.95		
5	256QAM	1	0	16.91	16.86	16.88	18	5
5	256QAM	1	12	16.82	16.74	16.78		
5	256QAM	1	24	16.86	16.76	16.78		
5	256QAM	12	0	16.85	16.87	16.90	18	5
5	256QAM	12	7	16.93	16.94	16.94		
5	256QAM	12	13	16.92	16.84	16.86		
5	256QAM	25	0	16.71	16.73	16.75		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.67	21.70	21.62	23	0
10	QPSK	1	25	21.59	21.67	21.63		
10	QPSK	1	49	21.57	21.62	21.53		
10	QPSK	25	0	20.58	20.75	20.67	22	1
10	QPSK	25	12	20.63	20.70	20.57		
10	QPSK	25	25	20.47	20.71	20.64		
10	QPSK	50	0	20.60	20.69	20.62		
10	16QAM	1	0	20.56	20.58	20.55	22	1
10	16QAM	1	25	20.56	20.64	20.66		
10	16QAM	1	49	20.56	20.65	20.55		
10	16QAM	25	0	19.55	19.70	19.62	21	2
10	16QAM	25	12	19.58	19.64	19.51		
10	16QAM	25	25	19.61	19.73	19.72		
10	16QAM	50	0	19.63	19.71	19.56		
10	64QAM	1	0	19.64	19.68	19.74	21	2
10	64QAM	1	25	19.53	19.63	19.62		
10	64QAM	1	49	19.52	19.67	19.54		
10	64QAM	25	0	18.59	18.66	18.69	20	3
10	64QAM	25	12	18.58	18.71	18.57		
10	64QAM	25	25	18.52	18.71	18.59		
10	64QAM	50	0	18.59	18.58	18.62		
10	256QAM	1	0	16.54	16.79	16.66	18	5
10	256QAM	1	25	16.59	16.65	16.54		
10	256QAM	1	49	16.47	16.70	16.68		
10	256QAM	25	0	16.63	16.68	16.66	18	5
10	256QAM	25	12	16.52	16.63	16.55		
10	256QAM	25	25	16.63	16.60	16.62		
10	256QAM	50	0	16.56	16.60	16.48		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.61	21.64	21.53	23	0
5	QPSK	1	12	21.49	21.54	21.57		
5	QPSK	1	24	21.46	21.57	21.44		
5	QPSK	12	0	20.51	20.66	20.55	22	1
5	QPSK	12	7	20.59	20.63	20.52		
5	QPSK	12	13	20.45	20.64	20.56		
5	QPSK	25	0	20.56	20.65	20.49		
5	16QAM	1	0	20.44	20.47	20.50	22	1
5	16QAM	1	12	20.53	20.59	20.60		
5	16QAM	1	24	20.44	20.58	20.51		
5	16QAM	12	0	19.43	19.59	19.50	21	2
5	16QAM	12	7	19.51	19.61	19.44		
5	16QAM	12	13	19.57	19.71	19.58		
5	16QAM	25	0	19.58	19.58	19.43		
5	64QAM	1	0	19.51	19.58	19.70	21	2
5	64QAM	1	12	19.45	19.52	19.50		
5	64QAM	1	24	19.46	19.62	19.41		
5	64QAM	12	0	18.47	18.62	18.65	20	3
5	64QAM	12	7	18.46	18.69	18.43		
5	64QAM	12	13	18.43	18.62	18.51		
5	64QAM	25	0	18.55	18.50	18.60		
5	256QAM	1	0	16.41	16.77	16.64	18	5
5	256QAM	1	12	16.46	16.57	16.46		
5	256QAM	1	24	16.38	16.64	16.59		
5	256QAM	12	0	16.60	16.62	16.55	18	5
5	256QAM	12	7	16.45	16.52	16.45		
5	256QAM	12	13	16.61	16.55	16.57		
5	256QAM	25	0	16.46	16.55	16.37		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.32	18.36	18.34	19.5	0
20	QPSK	1	49	18.19	18.33	18.22		
20	QPSK	1	99	18.29	18.25	18.28		
20	QPSK	50	0	18.30	18.31	18.23	19.5	0
20	QPSK	50	24	18.20	18.26	18.30		
20	QPSK	50	50	18.26	18.27	18.20		
20	QPSK	100	0	18.25	18.28	18.20		
20	16QAM	1	0	18.20	18.26	18.22	19.5	0
20	16QAM	1	49	18.15	18.23	18.15		
20	16QAM	1	99	18.18	18.15	18.16		
20	16QAM	50	0	18.18	18.27	18.15	19.5	0
20	16QAM	50	24	18.10	18.15	18.18		
20	16QAM	50	50	18.12	18.22	18.14		
20	16QAM	100	0	18.13	18.19	18.17		
20	64QAM	1	0	18.20	18.24	18.28	19.5	0
20	64QAM	1	49	18.16	18.30	18.09		
20	64QAM	1	99	18.19	18.17	18.24		
20	64QAM	50	0	18.27	18.19	18.16	19.5	0
20	64QAM	50	24	18.12	18.20	18.27		
20	64QAM	50	50	18.18	18.21	18.13		
20	64QAM	100	0	18.17	18.22	18.13		
20	256QAM	1	0	17.77	17.90	17.83	19	0.5
20	256QAM	1	49	17.68	17.80	17.71		
20	256QAM	1	99	17.78	17.70	17.80		
20	256QAM	50	0	17.79	17.76	17.73	19	0.5
20	256QAM	50	24	17.68	17.80	17.77		
20	256QAM	50	50	17.73	17.74	17.67		
20	256QAM	100	0	17.71	17.72	17.69		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.19	18.22	18.31	19.5	0
15	QPSK	1	37	18.06	18.22	18.11		
15	QPSK	1	74	18.21	18.22	18.25		
15	QPSK	36	0	18.18	18.24	18.14	19.5	0
15	QPSK	36	20	18.17	18.19	18.21		
15	QPSK	36	39	18.20	18.15	18.17		
15	QPSK	75	0	18.21	18.15	18.06		
15	16QAM	1	0	18.12	18.12	18.14	19.5	0
15	16QAM	1	37	18.09	18.18	18.06		
15	16QAM	1	74	18.11	18.02	18.03		
15	16QAM	36	0	18.14	18.14	18.05	19.5	0
15	16QAM	36	20	17.99	18.09	18.07		
15	16QAM	36	39	17.98	18.10	18.04		
15	16QAM	75	0	18.02	18.15	18.05		
15	64QAM	1	0	18.14	18.16	18.21	19.5	0
15	64QAM	1	37	18.11	18.16	17.99		
15	64QAM	1	74	18.07	18.07	18.11		
15	64QAM	36	0	18.19	18.15	18.06	19.5	0
15	64QAM	36	20	18.05	18.17	18.21		
15	64QAM	36	39	18.14	18.08	18.03		
15	64QAM	75	0	18.15	18.09	18.05		
15	256QAM	1	0	17.73	17.79	17.71	19	0.5
15	256QAM	1	37	17.55	17.73	17.69		
15	256QAM	1	74	17.68	17.67	17.73		
15	256QAM	36	0	17.67	17.71	17.66	19	0.5
15	256QAM	36	20	17.54	17.74	17.70		
15	256QAM	36	39	17.63	17.62	17.63		
15	256QAM	75	0	17.67	17.68	17.57		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.28	18.22	18.22	19.5	0
10	QPSK	1	25	18.10	18.23	18.10		
10	QPSK	1	49	18.26	18.20	18.23		
10	QPSK	25	0	18.25	18.24	18.18	19.5	0
10	QPSK	25	12	18.12	18.14	18.21		
10	QPSK	25	25	18.14	18.20	18.13		
10	QPSK	50	0	18.22	18.26	18.17		
10	16QAM	1	0	18.17	18.15	18.13	19.5	0
10	16QAM	1	25	18.05	18.21	18.06		
10	16QAM	1	49	18.12	18.09	18.07		
10	16QAM	25	0	18.08	18.18	18.10	19.5	0
10	16QAM	25	12	18.05	18.02	18.06		
10	16QAM	25	25	18.10	18.12	18.08		
10	16QAM	50	0	18.07	18.12	18.08		
10	64QAM	1	0	18.11	18.16	18.16	19.5	0
10	64QAM	1	25	18.10	18.21	18.02		
10	64QAM	1	49	18.11	18.11	18.15		
10	64QAM	25	0	18.20	18.15	18.13	19.5	0
10	64QAM	25	12	18.06	18.09	18.14		
10	64QAM	25	25	18.15	18.14	18.06		
10	64QAM	50	0	18.05	18.18	18.03		
10	256QAM	1	0	17.72	17.85	17.79	19	0.5
10	256QAM	1	25	17.59	17.76	17.60		
10	256QAM	1	49	17.66	17.57	17.75		
10	256QAM	25	0	17.70	17.64	17.64	19	0.5
10	256QAM	25	12	17.55	17.78	17.65		
10	256QAM	25	25	17.62	17.68	17.61		
10	256QAM	50	0	17.57	17.66	17.63		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.22	18.31	18.24	19.5	0
5	QPSK	1	12	18.06	18.31	18.13		
5	QPSK	1	24	18.16	18.12	18.17		
5	QPSK	12	0	18.19	18.22	18.11	19.5	0
5	QPSK	12	7	18.12	18.24	18.20		
5	QPSK	12	13	18.21	18.17	18.11		
5	QPSK	25	0	18.15	18.21	18.09		
5	16QAM	1	0	18.17	18.14	18.18	19.5	0
5	16QAM	1	12	18.05	18.21	18.11		
5	16QAM	1	24	18.11	18.06	18.09		
5	16QAM	12	0	18.10	18.19	18.05	19.5	0
5	16QAM	12	7	18.02	18.01	18.06		
5	16QAM	12	13	18.02	18.15	18.01		
5	16QAM	25	0	18.09	18.06	18.13		
5	64QAM	1	0	18.09	18.15	18.19	19.5	0
5	64QAM	1	12	18.09	18.25	18.02		
5	64QAM	1	24	18.16	18.10	18.14		
5	64QAM	12	0	18.22	18.17	18.09	19.5	0
5	64QAM	12	7	18.08	18.14	18.13		
5	64QAM	12	13	18.16	18.15	18.01		
5	64QAM	25	0	18.12	18.11	18.09		
5	256QAM	1	0	17.72	17.85	17.80	19	0.5
5	256QAM	1	12	17.57	17.74	17.68		
5	256QAM	1	24	17.74	17.59	17.75		
5	256QAM	12	0	17.68	17.62	17.59	19	0.5
5	256QAM	12	7	17.63	17.69	17.74		
5	256QAM	12	13	17.71	17.71	17.60		
5	256QAM	25	0	17.60	17.67	17.60		
Channel				26015	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.27	18.33	18.25	19.5	0
3	QPSK	1	8	18.16	18.31	18.12		
3	QPSK	1	14	18.18	18.13	18.17		
3	QPSK	8	0	18.24	18.28	18.19	19.5	0
3	QPSK	8	4	18.12	18.21	18.17		
3	QPSK	8	7	18.13	18.22	18.08		
3	QPSK	15	0	18.23	18.20	18.07	19.5	0
3	16QAM	1	0	18.17	18.18	18.18		
3	16QAM	1	8	18.04	18.14	18.02		
3	16QAM	1	14	18.06	18.11	18.06		
3	16QAM	8	0	18.08	18.24	18.10	19.5	0
3	16QAM	8	4	18.04	18.05	18.07		
3	16QAM	8	7	18.05	18.15	18.07		
3	16QAM	15	0	18.01	18.06	18.09	19.5	0
3	64QAM	1	0	18.12	18.11	18.17		
3	64QAM	1	8	18.03	18.16	17.96		
3	64QAM	1	14	18.12	18.10	18.16		
3	64QAM	8	0	18.13	18.08	18.02	19.5	0
3	64QAM	8	4	18.02	18.10	18.20		
3	64QAM	8	7	18.07	18.09	18.08		
3	64QAM	15	0	18.12	18.20	18.10	19	0.5
3	256QAM	1	0	17.65	17.82	17.76		
3	256QAM	1	8	17.54	17.72	17.60		
3	256QAM	1	14	17.71	17.66	17.76		
3	256QAM	8	0	17.71	17.67	17.64	19	0.5
3	256QAM	8	4	17.63	17.69	17.63		
3	256QAM	8	7	17.64	17.64	17.57		
3	256QAM	15	0	17.62	17.58	17.64		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.19	18.24	18.27	19.5	0
1.4	QPSK	1	3	18.09	18.23	18.12		
1.4	QPSK	1	5	18.17	18.17	18.24		
1.4	QPSK	3	0	18.24	18.24	18.09		
1.4	QPSK	3	1	18.17	18.12	18.26		
1.4	QPSK	3	3	18.17	18.14	18.06		
1.4	QPSK	6	0	18.21	18.18	18.09	19.5	0
1.4	16QAM	1	0	18.12	18.18	18.11	19.5	0
1.4	16QAM	1	3	18.04	18.13	18.09		
1.4	16QAM	1	5	18.13	18.11	18.07		
1.4	16QAM	3	0	18.07	18.21	18.03		
1.4	16QAM	3	1	18.00	18.12	18.10		
1.4	16QAM	3	3	18.08	18.18	18.10		
1.4	16QAM	6	0	18.09	18.14	18.04	19.5	0
1.4	64QAM	1	0	18.11	18.14	18.24	19.5	0
1.4	64QAM	1	3	18.03	18.17	18.01		
1.4	64QAM	1	5	18.05	18.09	18.14		
1.4	64QAM	3	0	18.14	18.09	18.03		
1.4	64QAM	3	1	18.07	18.12	18.20		
1.4	64QAM	3	3	18.13	18.12	18.06		
1.4	64QAM	6	0	18.05	18.19	17.99	19.5	0
1.4	256QAM	1	0	17.69	17.81	17.73	19	0.5
1.4	256QAM	1	3	17.58	17.77	17.67		
1.4	256QAM	1	5	17.65	17.58	17.67		
1.4	256QAM	3	0	17.66	17.71	17.64		
1.4	256QAM	3	1	17.63	17.67	17.67		
1.4	256QAM	3	3	17.66	17.65	17.64		
1.4	256QAM	6	0	17.68	17.70	17.58	19	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.76	21.92	21.81	23	0
15	QPSK	1	37	21.70	21.83	21.70		
15	QPSK	1	74	21.71	21.73	21.83		
15	QPSK	36	0	20.75	20.95	20.89	22	1
15	QPSK	36	20	20.67	20.77	20.70		
15	QPSK	36	39	20.78	20.67	20.84		
15	QPSK	75	0	20.78	20.90	20.77		
15	16QAM	1	0	20.72	20.86	20.84	22	1
15	16QAM	1	37	20.68	20.87	20.65		
15	16QAM	1	74	20.83	20.75	20.87		
15	16QAM	36	0	19.85	19.94	19.81	21	2
15	16QAM	36	20	19.71	19.74	19.67		
15	16QAM	36	39	19.79	19.71	19.85		
15	16QAM	75	0	19.74	19.80	19.82		
15	64QAM	1	0	19.73	19.93	19.84	21	2
15	64QAM	1	37	19.68	19.79	19.74		
15	64QAM	1	74	19.78	19.75	19.83		
15	64QAM	36	0	18.71	18.87	18.85	20	3
15	64QAM	36	20	18.72	18.70	18.71		
15	64QAM	36	39	18.77	18.62	18.80		
15	64QAM	75	0	18.71	18.78	18.83		
15	256QAM	1	0	16.73	16.93	16.80	18	5
15	256QAM	1	37	16.70	16.85	16.61		
15	256QAM	1	74	16.82	16.68	16.75		
15	256QAM	36	0	16.81	16.84	16.84	18	5
15	256QAM	36	20	16.79	16.82	16.85		
15	256QAM	36	39	16.73	16.83	16.68		
15	256QAM	75	0	16.81	16.73	16.86		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.71	21.87	21.79	23	0
10	QPSK	1	25	21.61	21.79	21.58		
10	QPSK	1	49	21.67	21.65	21.71		
10	QPSK	25	0	20.70	20.82	20.79	22	1
10	QPSK	25	12	20.64	20.70	20.57		
10	QPSK	25	25	20.75	20.57	20.81		
10	QPSK	50	0	20.75	20.72	20.73		
10	16QAM	1	0	20.62	20.73	20.78	22	1
10	16QAM	1	25	20.54	20.76	20.61		
10	16QAM	1	49	20.71	20.68	20.75		
10	16QAM	25	0	19.80	19.81	19.73	21	2
10	16QAM	25	12	19.67	19.61	19.56		
10	16QAM	25	25	19.68	19.64	19.72		
10	16QAM	50	0	19.65	19.78	19.77		
10	64QAM	1	0	19.61	19.86	19.82	21	2
10	64QAM	1	25	19.62	19.75	19.60		
10	64QAM	1	49	19.74	19.66	19.73		
10	64QAM	25	0	18.61	18.84	18.83	20	3
10	64QAM	25	12	18.58	18.61	18.62		
10	64QAM	25	25	18.64	18.54	18.68		
10	64QAM	50	0	18.60	18.71	18.70		
10	256QAM	1	0	16.67	16.84	16.75	18	5
10	256QAM	1	25	16.66	16.77	16.50		
10	256QAM	1	49	16.70	16.58	16.73		
10	256QAM	25	0	16.69	16.81	16.80	18	5
10	256QAM	25	12	16.69	16.79	16.78		
10	256QAM	25	25	16.64	16.80	16.63		
10	256QAM	50	0	16.71	16.68	16.74		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.65	21.83	21.71	23	0
5	QPSK	1	12	21.66	21.80	21.61		
5	QPSK	1	24	21.67	21.65	21.78		
5	QPSK	12	0	20.66	20.85	20.86	22	1
5	QPSK	12	7	20.55	20.73	20.61		
5	QPSK	12	13	20.75	20.54	20.72		
5	QPSK	25	0	20.75	20.78	20.67		
5	16QAM	1	0	20.64	20.82	20.70	22	1
5	16QAM	1	12	20.58	20.74	20.62		
5	16QAM	1	24	20.77	20.63	20.85		
5	16QAM	12	0	19.81	19.88	19.70	21	2
5	16QAM	12	7	19.59	19.67	19.58		
5	16QAM	12	13	19.72	19.69	19.83		
5	16QAM	25	0	19.63	19.76	19.70		
5	64QAM	1	0	19.60	19.85	19.81	21	2
5	64QAM	1	12	19.60	19.70	19.63		
5	64QAM	1	24	19.69	19.63	19.75		
5	64QAM	12	0	18.61	18.81	18.83	20	3
5	64QAM	12	7	18.63	18.60	18.67		
5	64QAM	12	13	18.75	18.49	18.71		
5	64QAM	25	0	18.60	18.65	18.72		
5	256QAM	1	0	16.65	16.88	16.78	18	5
5	256QAM	1	12	16.58	16.76	16.50		
5	256QAM	1	24	16.76	16.60	16.72		
5	256QAM	12	0	16.70	16.70	16.81	18	5
5	256QAM	12	7	16.74	16.71	16.79		
5	256QAM	12	13	16.61	16.71	16.56		
5	256QAM	25	0	16.70	16.65	16.77		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.67	21.81	21.78	23	0
3	QPSK	1	8	21.66	21.72	21.65		
3	QPSK	1	14	21.61	21.61	21.72		
3	QPSK	8	0	20.66	20.85	20.87	22	1
3	QPSK	8	4	20.64	20.74	20.62		
3	QPSK	8	7	20.67	20.62	20.75		
3	QPSK	15	0	20.72	20.71	20.71		
3	16QAM	1	0	20.68	20.74	20.72	22	1
3	16QAM	1	8	20.58	20.85	20.53		
3	16QAM	1	14	20.75	20.67	20.74		
3	16QAM	8	0	19.74	19.81	19.76	21	2
3	16QAM	8	4	19.67	19.68	19.63		
3	16QAM	8	7	19.72	19.68	19.81		
3	16QAM	15	0	19.61	19.69	19.71		
3	64QAM	1	0	19.61	19.88	19.79	21	2
3	64QAM	1	8	19.60	19.70	19.67		
3	64QAM	1	14	19.74	19.62	19.80		
3	64QAM	8	0	18.63	18.77	18.74	20	3
3	64QAM	8	4	18.64	18.64	18.64		
3	64QAM	8	7	18.70	18.57	18.71		
3	64QAM	15	0	18.65	18.66	18.70		
3	256QAM	1	0	16.60	16.83	16.75	18	5
3	256QAM	1	8	16.64	16.79	16.54		
3	256QAM	1	14	16.71	16.65	16.64		
3	256QAM	8	0	16.69	16.75	16.72	18	5
3	256QAM	8	4	16.69	16.77	16.81		
3	256QAM	8	7	16.65	16.72	16.58		
3	256QAM	15	0	16.74	16.68	16.73		
Channel				26667	26865	27063	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.66	21.79	21.73	23	0
1.4	QPSK	1	3	21.58	21.69	21.58		
1.4	QPSK	1	5	21.61	21.59	21.78		
1.4	QPSK	3	0	21.61	21.67	21.66		
1.4	QPSK	3	1	21.44	21.62	21.45		
1.4	QPSK	3	3	21.47	21.52	21.68		
1.4	QPSK	6	0	20.72	20.70	20.71	22	1
1.4	16QAM	1	0	20.63	20.81	20.78	22	1
1.4	16QAM	1	3	20.55	20.74	20.51		
1.4	16QAM	1	5	20.78	20.69	20.75		
1.4	16QAM	3	0	20.67	20.61	20.62		
1.4	16QAM	3	1	20.52	20.75	20.74		
1.4	16QAM	3	3	20.46	20.70	20.45		
1.4	16QAM	6	0	19.65	19.70	19.69	21	2
1.4	64QAM	1	0	19.68	19.87	19.78	21	2
1.4	64QAM	1	3	19.55	19.76	19.60		
1.4	64QAM	1	5	19.69	19.65	19.71		
1.4	64QAM	3	0	19.58	19.58	19.56		
1.4	64QAM	3	1	19.65	19.84	19.68		
1.4	64QAM	3	3	19.43	19.68	19.49		
1.4	64QAM	6	0	18.58	18.65	18.80	20	3
1.4	256QAM	1	0	16.68	16.79	16.71	18	5
1.4	256QAM	1	3	16.58	16.73	16.55		
1.4	256QAM	1	5	16.77	16.58	16.65		
1.4	256QAM	3	0	16.74	16.71	16.72		
1.4	256QAM	3	1	16.68	16.78	16.72		
1.4	256QAM	3	3	16.60	16.75	16.62		
1.4	256QAM	6	0	16.73	16.60	16.75	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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.21		21.3	0
10	QPSK	1	25		20.18			
10	QPSK	1	49		20.15			
10	QPSK	25	0		20.14		21.3	0
10	QPSK	25	12		20.06			
10	QPSK	25	25		20.06			
10	QPSK	50	0		20.07			
10	16QAM	1	0		20.10		21.3	0
10	16QAM	1	25		20.08			
10	16QAM	1	49		20.05			
10	16QAM	25	0		20.03		21.3	0
10	16QAM	25	12		20.04			
10	16QAM	25	25		19.95			
10	16QAM	50	0		19.93			
10	64QAM	1	0		20.08		21.3	0
10	64QAM	1	25		20.11			
10	64QAM	1	49		20.07			
10	64QAM	25	0		19.89		21	0.3
10	64QAM	25	12		19.81			
10	64QAM	25	25		19.78			
10	64QAM	50	0		19.80			
10	256QAM	1	0		17.88		19	2.3
10	256QAM	1	25		17.85			
10	256QAM	1	49		17.79			
10	256QAM	25	0		17.79		19	2.3
10	256QAM	25	12		17.82			
10	256QAM	25	25		17.75			
10	256QAM	50	0		17.80			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.10	20.15	20.09	21.3	0
5	QPSK	1	12	20.08	20.10	20.05		
5	QPSK	1	24	20.08	20.06	20.10		
5	QPSK	12	0	20.02	20.01	20.02	21.3	0
5	QPSK	12	7	20.03	20.04	20.05		
5	QPSK	12	13	20.01	19.94	20.01		
5	QPSK	25	0	20.04	19.98	19.98		
5	16QAM	1	0	20.04	20.00	19.99	21.3	0
5	16QAM	1	12	20.02	20.06	20.02		
5	16QAM	1	24	19.93	20.04	19.98		
5	16QAM	12	0	19.97	19.94	19.99	21.3	0
5	16QAM	12	7	19.97	19.91	19.98		
5	16QAM	12	13	19.91	19.85	19.82		
5	16QAM	25	0	19.91	19.89	19.86		
5	64QAM	1	0	19.96	20.06	20.05	21.3	0
5	64QAM	1	12	20.09	20.08	20.00		
5	64QAM	1	24	19.99	20.02	19.95		
5	64QAM	12	0	19.84	19.87	19.81	21	0.3
5	64QAM

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BW [MHz]	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	18.63	18.66	18.62	19.8	0
20	QPSK	1	49	18.59	18.60	18.60		
20	QPSK	1	99	18.53	18.64	18.60		
20	QPSK	50	0	18.52	18.64	18.49	19.8	0
20	QPSK	50	24	18.58	18.58	18.52		
20	QPSK	50	50	18.58	18.57	18.52		
20	QPSK	100	0	18.56	18.59	18.55		
20	16QAM	1	0	18.52	18.53	18.56	19.8	0
20	16QAM	1	49	18.52	18.50	18.49		
20	16QAM	1	99	18.48	18.55	18.52		
20	16QAM	50	0	18.49	18.54	18.38	19.8	0
20	16QAM	50	24	18.53	18.52	18.38		
20	16QAM	50	50	18.54	18.53	18.39		
20	16QAM	100	0	18.51	18.49	18.49		
20	64QAM	1	0	18.50	18.55	18.51	19.8	0
20	64QAM	1	49	18.51	18.55	18.52		
20	64QAM	1	99	18.47	18.51	18.50		
20	64QAM	50	0	18.44	18.59	18.35	19.8	0
20	64QAM	50	24	18.56	18.48	18.48		
20	64QAM	50	50	18.55	18.48	18.42		
20	64QAM	100	0	18.50	18.55	18.41		
20	256QAM	1	0	17.79	17.81	17.79	19	0.8
20	256QAM	1	49	17.83	17.76	17.85		
20	256QAM	1	99	17.67	17.80	17.74		
20	256QAM	50	0	17.70	17.79	17.73	19	0.8
20	256QAM	50	24	17.75	17.79	17.75		
20	256QAM	50	50	17.73	17.80	17.69		
20	256QAM	100	0	17.72	17.75	17.79		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.54	18.63	18.49	19.8	0
15	QPSK	1	37	18.54	18.52	18.53		
15	QPSK	1	74	18.48	18.60	18.48		
15	QPSK	36	0	18.40	18.52	18.47	19.8	0
15	QPSK	36	20	18.51	18.46	18.47		
15	QPSK	36	39	18.53	18.47	18.46		
15	QPSK	75	0	18.44	18.48	18.49		
15	16QAM	1	0	18.41	18.46	18.51	19.8	0
15	16QAM	1	37	18.49	18.44	18.39		
15	16QAM	1	74	18.41	18.50	18.38		
15	16QAM	36	0	18.40	18.50	18.33	19.8	0
15	16QAM	36	20	18.50	18.40	18.33		
15	16QAM	36	39	18.44	18.39	18.29		
15	16QAM	75	0	18.45	18.46	18.38		
15	64QAM	1	0	18.38	18.46	18.39	19.8	0
15	64QAM	1	37	18.41	18.48	18.41		
15	64QAM	1	74	18.41	18.44	18.46		
15	64QAM	36	0	18.35	18.48	18.29	19.8	0
15	64QAM	36	20	18.45	18.37	18.44		
15	64QAM	36	39	18.41	18.36	18.37		
15	64QAM	75	0	18.36	18.47	18.38		
15	256QAM	1	0	17.70	17.70	17.67	19	0.8
15	256QAM	1	37	17.71	17.70	17.76		
15	256QAM	1	74	17.62	17.75	17.72		
15	256QAM	36	0	17.67	17.72	17.66	19	0.8
15	256QAM	36	20	17.63	17.67	17.64		
15	256QAM	36	39	17.63	17.76	17.65		
15	256QAM	75	0	17.62	17.68	17.65		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.50	18.54	18.56	19.8	0
10	QPSK	1	25	18.56	18.54	18.55		
10	QPSK	1	49	18.50	18.58	18.46		
10	QPSK	25	0	18.43	18.60	18.46	19.8	0
10	QPSK	25	12	18.54	18.45	18.47		
10	QPSK	25	25	18.48	18.47	18.46		
10	QPSK	50	0	18.51	18.54	18.42		
10	16QAM	1	0	18.44	18.47	18.54	19.8	0
10	16QAM	1	25	18.44	18.36	18.37		
10	16QAM	1	49	18.45	18.41	18.46		
10	16QAM	25	0	18.47	18.50	18.26	19.8	0
10	16QAM	25	12	18.50	18.38	18.29		
10	16QAM	25	25	18.52	18.40	18.37		
10	16QAM	50	0	18.39	18.37	18.45		
10	64QAM	1	0	18.45	18.52	18.48	19.8	0
10	64QAM	1	25	18.46	18.45	18.38		
10	64QAM	1	49	18.35	18.40	18.38		
10	64QAM	25	0	18.32	18.52	18.22	19.8	0
10	64QAM	25	12	18.46	18.40	18.37		
10	64QAM	25	25	18.42	18.39	18.35		
10	64QAM	50	0	18.40	18.41	18.31		
10	256QAM	1	0	17.68	17.70	17.77	19	0.8
10	256QAM	1	25	17.80	17.64	17.75		
10	256QAM	1	49	17.62	17.68	17.69		
10	256QAM	25	0	17.59	17.68	17.71	19	0.8
10	256QAM	25	12	17.70	17.74	17.71		
10	256QAM	25	25	17.67	17.76	17.66		
10	256QAM	50	0	17.63	17.65	17.74		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.49	18.59	18.51	19.8	0
5	QPSK	1	12	18.57	18.52	18.57		
5	QPSK	1	24	18.40	18.58	18.55		
5	QPSK	12	0	18.42	18.55	18.36	19.8	0
5	QPSK	12	7	18.52	18.48	18.49		
5	QPSK	12	13	18.52	18.43	18.42		
5	QPSK	25	0	18.44	18.55	18.49		
5	16QAM	1	0	18.42	18.42	18.45	19.8	0
5	16QAM	1	12	18.45	18.38	18.43		
5	16QAM	1	24	18.43	18.49	18.40		
5	16QAM	12	0	18.46	18.48	18.27	19.8	0
5	16QAM	12	7	18.49	18.49	18.34		
5	16QAM	12	13	18.45	18.51	18.35		
5	16QAM	25	0	18.40	18.36	18.41		
5	64QAM	1	0	18.41	18.47	18.47	19.8	0
5	64QAM	1	12	18.47	18.47	18.47		
5	64QAM	1	24	18.44	18.39	18.36		
5	64QAM	12	0	18.38	18.50	18.23	19.8	0
5	64QAM	12	7	18.42	18.38	18.36		
5	64QAM	12	13	18.46	18.41	18.38		
5	64QAM	25	0	18.44	18.48	18.29		
5	256QAM	1	0	17.69	17.68	17.72	19	0.8
5	256QAM	1	12	17.75	17.73	17.75		
5	256QAM	1	24	17.57	17.71	17.64		
5	256QAM	12	0	17.65	17.76	17.64	19	0.8
5	256QAM	12	7	17.70	17.72	17.68		
5	256QAM	12	13	17.67	17.70	17.59		
5	256QAM	25	0	17.68	17.70	17.66		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.60	18.54	18.60	19.8	0
3	QPSK	1	8	18.49	18.46	18.54		
3	QPSK	1	14	18.48	18.60	18.52		
3	QPSK	8	0	18.49	18.58	18.45	19.8	0
3	QPSK	8	4	18.48	18.44	18.46		
3	QPSK	8	7	18.46	18.47	18.47		
3	QPSK	15	0	18.46	18.56	18.47		
3	16QAM	1	0	18.42	18.49	18.47	19.8	0
3	16QAM	1	8	18.46	18.38	18.41		
3	16QAM	1	14	18.39	18.51	18.49		
3	16QAM	8	0	18.37	18.44	18.27	19.8	0
3	16QAM	8	4	18.42	18.40	18.33		
3	16QAM	8	7	18.42	18.49	18.33		
3	16QAM	15	0	18.45	18.38	18.44		
3	64QAM	1	0	18.48	18.46	18.45	19.8	0
3	64QAM	1	8	18.43	18.48	18.41		
3	64QAM	1	14	18.38	18.49	18.45		
3	64QAM	8	0	18.36	18.51	18.27	19.8	0
3	64QAM	8	4	18.49	18.44	18.36		
3	64QAM	8	7	18.43	18.43	18.38		
3	64QAM	15	0	18.47	18.45	18.28		
3	256QAM	1	0	17.69	17.74	17.66	19	0.8
3	256QAM	1	8	17.74	17.73	17.82		
3	256QAM	1	14	17.54	17.77	17.60		
3	256QAM	8	0	17.63	17.75	17.70	19	0.8
3	256QAM	8	4	17.68	17.72	17.67		
3	256QAM	8	7	17.64	17.71	17.66		
3	256QAM	15	0	17.59	17.67	17.66		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.50	18.56	18.51	19.8	0
1.4	QPSK	1	3	18.47	18.58	18.49		
1.4	QPSK	1	5	18.39	18.61	18.53		
1.4	QPSK	3	0	18.49	18.62	18.35		
1.4	QPSK	3	1	18.47	18.53	18.47		
1.4	QPSK	3	3	18.50	18.47	18.41		
1.4	QPSK	6	0	18.49	18.51	18.45	19.8	0
1.4	16QAM	1	0	18.39	18.47	18.43	19.8	0
1.4	16QAM	1	3	18.50	18.39	18.35		
1.4	16QAM	1	5	18.38	18.44	18.41		
1.4	16QAM	3	0	18.43	18.45	18.32		
1.4	16QAM	3	1	18.50	18.40	18.24		
1.4	16QAM	3	3	18.46	18.49	18.26		
1.4	16QAM	6	0	18.37	18.36	18.35	19.8	0
1.4	64QAM	1	0	18.43	18.51	18.41	19.8	0
1.4	64QAM	1	3	18.46	18.46	18.42		
1.4	64QAM	1	5	18.45	18.45	18.37		
1.4	64QAM	3	0	18.42	18.56	18.28		
1.4	64QAM	3	1	18.44	18.42	18.42		
1.4	64QAM	3	3	18.51	18.41	18.32		
1.4	64QAM	6	0	18.38	18.41	18.38	19.8	0
1.4	256QAM	1	0	17.68	17.74	17.76	19	0.8
1.4	256QAM	1	3	17.70	17.72	17.80		
1.4	256QAM	1	5	17.63	17.70	17.68		
1.4	256QAM	3	0	17.60	17.72	17.64		
1.4	256QAM	3	1	17.71	17.71	17.69		
1.4	256QAM	3	3	17.70	17.76	17.59		
1.4	256QAM	6	0	17.60	17.73	17.72	19	0.8

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.11	22.13	22.12	23	0
20	QPSK	1	49	22.05	22.08	22.02		
20	QPSK	1	99	22.04	22.02	22.04		
20	QPSK	50	0	21.07	21.18	21.08	22	1
20	QPSK	50	24	21.10	21.10	21.03		
20	QPSK	50	50	21.02	21.01	21.02		
20	QPSK	100	0	21.09	21.14	21.11		
20	16QAM	1	0	21.07	21.10	21.07	22	1
20	16QAM	1	49	21.03	21.14	20.99		
20	16QAM	1	99	21.00	21.05	21.08		
20	16QAM	50	0	20.11	20.13	20.02	21	2
20	16QAM	50	24	20.04	20.15	20.06		
20	16QAM	50	50	20.06	20.02	20.07		
20	16QAM	100	0	20.15	20.16	20.13		
20	64QAM	1	0	20.17	20.15	20.14	21	2
20	64QAM	1	49	20.07	20.12	19.96		
20	64QAM	1	99	20.10	19.99	20.06		
20	64QAM	50	0	19.10	19.22	19.13	20	3
20	64QAM	50	24	19.08	19.07	19.06		
20	64QAM	50	50	18.99	19.06	19.05		
20	64QAM	100	0	19.10	19.18	19.13		
20	256QAM	1	0	17.10	17.21	17.07	18	5
20	256QAM	1	49	17.16	17.14	17.05		
20	256QAM	1	99	17.00	16.96	17.03		
20	256QAM	50	0	17.11	17.16	17.16	18	5
20	256QAM	50	24	17.03	17.05	17.02		
20	256QAM	50	50	16.98	17.18	16.98		
20	256QAM	100	0	17.02	17.10	17.05		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.98	22.10	22.01	23	0
15	QPSK	1	37	22.01	21.96	21.89		
15	QPSK	1	74	21.98	21.96	21.90		
15	QPSK	36	0	20.94	21.10	21.00	22	1
15	QPSK	36	20	21.03	21.01	20.97		
15	QPSK	36	39	20.93	20.94	20.92		
15	QPSK	75	0	21.02	21.01	20.97		
15	16QAM	1	0	21.05	21.03	21.02	22	1
15	16QAM	1	37	21.01	21.07	20.92		
15	16QAM	1	74	20.90	20.94	21.05		
15	16QAM	36	0	20.04	20.00	19.95	21	2
15	16QAM	36	20	19.98	20.07	20.04		
15	16QAM	36	39	20.03	19.95	20.02		
15	16QAM	75	0	20.02	20.05	19.99		
15	64QAM	1	0	20.11	20.11	20.01	21	2
15	64QAM	1	37	19.96	20.08	19.93		
15	64QAM	1	74	20.03	19.96	20.01		
15	64QAM	36	0	19.07	19.16	19.07	20	3
15	64QAM	36	20	19.04	18.98	18.94		
15	64QAM	36	39	18.87	18.93	18.99		
15	64QAM	75	0	19.07	19.09	19.02		
15	256QAM	1	0	16.99	17.09	16.96	18	5
15	256QAM	1	37	17.14	17.11	16.99		
15	256QAM	1	74	16.95	16.87	16.99		
15	256QAM	36	0	17.02	17.12	17.03	18	5
15	256QAM	36	20	16.97	16.93	16.98		
15	256QAM	36	39	16.87	17.09	16.91		
15	256QAM	75	0	17.00	17.04	16.92		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.04	22.05	22.06	23	0
10	QPSK	1	25	21.95	22.00	21.97		
10	QPSK	1	49	21.94	21.98	21.90		
10	QPSK	25	0	21.00	21.13	21.01	22	1
10	QPSK	25	12	21.08	21.05	20.96		
10	QPSK	25	25	20.93	20.99	20.91		
10	QPSK	50	0	21.00	21.10	21.07		
10	16QAM	1	0	21.00	21.06	21.03	22	1
10	16QAM	1	25	20.94	21.10	20.96		
10	16QAM	1	49	20.87	20.99	21.02		
10	16QAM	25	0	19.98	20.04	19.95	21	2
10	16QAM	25	12	19.99	20.10	19.94		
10	16QAM	25	25	20.01	19.91	19.98		
10	16QAM	50	0	20.10	20.06	20.00		
10	64QAM	1	0	20.14	20.05	20.06	21	2
10	64QAM	1	25	20.01	20.04	19.87		
10	64QAM	1	49	19.99	19.87	20.01		
10	64QAM	25	0	19.00	19.13	19.06	20	3
10	64QAM	25	12	19.02	18.97	18.98		
10	64QAM	25	25	18.92	18.97	18.98		
10	64QAM	50	0	18.98	19.15	19.11		
10	256QAM	1	0	16.98	17.08	17.05	18	5
10	256QAM	1	25	17.10	17.01	17.00		
10	256QAM	1	49	16.97	16.83	16.94		
10	256QAM	25	0	16.97	17.03	17.06	18	5
10	256QAM	25	12	16.94	16.92	16.91		
10	256QAM	25	25	16.89	17.12	16.86		
10	256QAM	50	0	16.96	17.00	16.99		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.05	22.08	22.05	23	0
5	QPSK	1	12	22.02	22.01	21.97		
5	QPSK	1	24	21.99	21.95	21.92		
5	QPSK	12	0	21.02	21.11	21.04	22	1
5	QPSK	12	7	21.01	21.05	20.99		
5	QPSK	12	13	20.98	20.88	20.97		
5	QPSK	25	0	21.07	21.02	20.99		
5	16QAM	1	0	21.01	21.00	20.95	22	1
5	16QAM	1	12	20.97	21.12	20.91		
5	16QAM	1	24	20.91	20.93	21.01		
5	16QAM	12	0	19.98	20.03	20.00	21	2
5	16QAM	12	7	20.00	20.06	19.97		
5	16QAM	12	13	19.98	19.90	19.96		
5	16QAM	25	0	20.11	20.03	20.07		
5	64QAM	1	0	20.05	20.03	20.01	21	2
5	64QAM	1	12	20.04	20.05	19.93		
5	64QAM	1	24	20.02	19.86	19.99		
5	64QAM	12	0	19.00	19.18	19.09	20	3
5	64QAM	12	7	19.05	19.01	18.96		
5	64QAM	12	13	18.92	18.96	18.93		
5	64QAM	25	0	18.97	19.14	19.01		
5	256QAM	1	0	17.08	17.10	16.99	18	5
5	256QAM	1	12	17.06	17.02	16.97		
5	256QAM	1	24	16.95	16.84	16.98		
5	256QAM	12	0	16.99	17.03	17.10	18	5
5	256QAM	12	7	16.91	16.97	16.91		
5	256QAM	12	13	16.88	17.04	16.88		
5	256QAM	25	0	16.96	17.06	17.00		

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BW [MHz]	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	19.69	19.80	19.74	20.9	0
20	QPSK	1	49	19.57	19.60	19.64		
20	QPSK	1	99	19.72	19.66	19.55		
20	QPSK	50	0	19.70	19.77	19.60		
20	QPSK	50	24	19.58	19.70	19.64		
20	QPSK	50	50	19.63	19.63	19.63		
20	QPSK	100	0	19.56	19.72	19.64		
20	16QAM	1	0	19.72	19.64	19.61		
20	16QAM	1	49	19.50	19.61	19.52	20.9	0
20	16QAM	1	99	19.69	19.55	19.62		
20	16QAM	50	0	19.62	19.67	19.55		
20	16QAM	50	24	19.56	19.58	19.60	20.9	0
20	16QAM	50	50	19.50	19.68	19.60		
20	16QAM	100	0	19.51	19.64	19.61		
20	64QAM	1	0	19.67	19.57	19.52		
20	64QAM	1	49	19.50	19.49	19.44	20.9	0
20	64QAM	1	99	19.66	19.57	19.54		
20	64QAM	50	0	19.56	19.75	19.56		
20	64QAM	50	24	19.60	19.56	19.60	20.9	0
20	64QAM	50	50	19.53	19.58	19.57		
20	64QAM	100	0	19.56	19.62	19.55		
20	256QAM	1	0	18.83	18.86	18.75	20	0.9
20	256QAM	1	49	18.69	18.78	18.79		
20	256QAM	1	99	18.73	18.81	18.68		
20	256QAM	50	0	18.87	18.92	18.67		
20	256QAM	50	24	18.68	18.74	18.74	20	0.9
20	256QAM	50	50	18.65	18.72	18.74		
20	256QAM	100	0	18.66	18.83	18.78		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.56	19.70	19.72	20.9	0
15	QPSK	1	37	19.52	19.49	19.61		
15	QPSK	1	74	19.63	19.56	19.45		
15	QPSK	36	0	19.63	19.65	19.56		
15	QPSK	36	20	19.53	19.67	19.51	20.9	0
15	QPSK	36	39	19.58	19.55	19.53		
15	QPSK	75	0	19.43	19.63	19.62		
15	16QAM	1	0	19.61	19.55	19.58	20.9	0
15	16QAM	1	37	19.37	19.53	19.45		
15	16QAM	1	74	19.59	19.51	19.54		
15	16QAM	36	0	19.57	19.57	19.45	20.9	0
15	16QAM	36	20	19.48	19.46	19.49		
15	16QAM	36	39	19.45	19.65	19.54		
15	16QAM	75	0	19.45	19.51	19.51		
15	64QAM	1	0	19.56	19.52	19.46		
15	64QAM	1	37	19.39	19.41	19.35	20.9	0
15	64QAM	1	74	19.55	19.45	19.51		
15	64QAM	36	0	19.49	19.62	19.49		
15	64QAM	36	20	19.55	19.47	19.53	20.9	0
15	64QAM	36	39	19.47	19.53	19.46		
15	64QAM	75	0	19.53	19.53	19.47		
15	256QAM	1	0	18.78	18.81	18.63	20	0.9
15	256QAM	1	37	18.64	18.65	18.71		
15	256QAM	1	74	18.64	18.77	18.63		
15	256QAM	36	0	18.82	18.82	18.56	20	0.9
15	256QAM	36	20	18.64	18.60	18.63		
15	256QAM	36	39	18.56	18.58	18.60		
15	256QAM	75	0	18.59	18.75	18.71		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.58	19.76	19.71	20.9	0
10	QPSK	1	25	19.47	19.47	19.62		
10	QPSK	1	49	19.64	19.63	19.41		
10	QPSK	25	0	19.64	19.70	19.54		
10	QPSK	25	12	19.54	19.62	19.52	20.9	0
10	QPSK	25	25	19.54	19.57	19.53		
10	QPSK	50	0	19.44	19.67	19.50		
10	16QAM	1	0	19.58	19.54	19.59	20.9	0
10	16QAM	1	25	19.45	19.58	19.43		
10	16QAM	1	49	19.58	19.48	19.53		
10	16QAM	25	0	19.54	19.57	19.48	20.9	0
10	16QAM	25	12	19.53	19.51	19.57		
10	16QAM	25	25	19.45	19.54	19.51		
10	16QAM	50	0	19.43	19.56	19.54		
10	64QAM	1	0	19.62	19.43	19.49	20.9	0
10	64QAM	1	25	19.38	19.41	19.42		
10	64QAM	1	49	19.59	19.53	19.46		
10	64QAM	25	0	19.44	19.67	19.51	20.9	0
10	64QAM	25	12	19.51	19.48	19.48		
10	64QAM	25	25	19.41	19.48	19.52		
10	64QAM	50	0	19.51	19.49	19.50		
10	256QAM	1	0	18.75	18.80	18.71	20	0.9
10	256QAM	1	25	18.66	18.67	18.73		
10	256QAM	1	49	18.62	18.67	18.60		
10	256QAM	25	0	18.80	18.82	18.59	20	0.9
10	256QAM	25	12	18.66	18.64	18.60		
10	256QAM	25	25	18.54	18.65	18.60		
10	256QAM	50	0	18.58	18.76	18.69		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.59	19.73	19.65	20.9	0
5	QPSK	1	12	19.53	19.52	19.59		
5	QPSK	1	24	19.65	19.60	19.41		
5	QPSK	12	0	19.64	19.70	19.66	20.9	0
5	QPSK	12	7	19.52	19.58	19.52		
5	QPSK	12	13	19.58	19.54	19.57		
5	QPSK	25	0	19.51	19.65	19.52		
5	16QAM	1	0	19.66	19.53	19.66	20.9	0
5	16QAM	1	12	19.39	19.57	19.49		
5	16QAM	1	24	19.60	19.43	19.59		
5	16QAM	12	0	19.58	19.57	19.52	20.9	0
5	16QAM	12	7	19.52	19.48	19.52		
5	16QAM	12	13	19.46	19.55	19.52		
5	16QAM	25	0	19.48	19.59	19.54		
5	64QAM	1	0	19.62	19.53	19.42	20.9	0
5	64QAM	1	12	19.42	19.43	19.32		
5	64QAM	1	24	19.62	19.45	19.40		
5	64QAM	12	0	19.42	19.64	19.51	20.9	0
5	64QAM	12	7	19.48	19.52	19.47		
5	64QAM	12	13	19.47	19.55	19.47		
5	64QAM	25	0	19.51	19.58	19.46		
5	256QAM	1	0	18.78	18.76	18.62	20	0.9
5	256QAM	1	12	18.62	18.70	18.68		
5	256QAM	1	24	18.67	18.71	18.61		
5	256QAM	12	0	18.81	18.81	18.60	20	0.9
5	256QAM	12	7	18.58	18.62	18.70		
5	256QAM	12	13	18.58	18.70	18.68		
5	256QAM	25	0	18.58	18.80	18.72		

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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	19.75	19.80	19.82	19.78	19.79	20.9	0
20	QPSK	1	49	19.68	19.70	19.71	19.67	19.71		
20	QPSK	1	99	19.67	19.77	19.72	19.68	19.77		
20	QPSK	50	0	19.69	19.76	19.81	19.73	19.68		
20	QPSK	50	24	19.64	19.72	19.75	19.73	19.68		
20	QPSK	50	50	19.65	19.68	19.74	19.71	19.69		
20	QPSK	100	0	19.66	19.67	19.79	19.72	19.72		
20	16QAM	1	0	19.67	19.77	19.77	19.69	19.67		
20	16QAM	1	49	19.65	19.63	19.70	19.59	19.63	20.9	0
20	16QAM	1	99	19.64	19.76	19.67	19.67	19.71		
20	16QAM	50	0	19.62	19.72	19.79	19.66	19.66		
20	16QAM	50	24	19.52	19.59	19.70	19.71	19.59	20.9	0
20	16QAM	50	50	19.58	19.60	19.71	19.70	19.63		
20	16QAM	100	0	19.56	19.56	19.75	19.66	19.59		
20	64QAM	1	0	19.69	19.76	19.70	19.65	19.72		
20	64QAM	1	49	19.65	19.60	19.61	19.55	19.68	20.9	0
20	64QAM	1	99	19.65	19.74	19.62	19.58	19.73		
20	64QAM	50	0	19.57	19.68	19.78	19.67	19.65		
20	64QAM	50	24	19.63	19.68	19.63	19.67	19.59	20.9	0
20	64QAM	50	50	19.61	19.62	19.66	19.66	19.63		
20	64QAM	100	0	19.54	19.64	19.75	19.63	19.62		
20	256QAM	1	0	18.85	18.94	18.88	18.86	18.87		
20	256QAM	1	49	18.79	18.79	18.80	18.82	18.86	20	0.9
20	256QAM	1	99	18.82	18.87	18.86	18.78	18.86		
20	256QAM	50	0	18.76	18.92	18.96	18.81	18.82		
20	256QAM	50	24	18.72	18.77	18.87	18.85	18.77	20	0.9
20	256QAM	50	50	18.69	18.74	18.79	18.87	18.73		
20	256QAM	100	0	18.80	18.72	18.93	18.84	18.76		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.70	19.70	19.77	19.75	19.65	21	0
15	QPSK	1	37	19.62	19.68	19.62	19.54	19.64		
15	QPSK	1	74	19.55	19.71	19.62	19.63	19.66		
15	QPSK	36	0	19.64	19.69	19.77	19.62	19.59		
15	QPSK	36	20	19.60	19.62	19.62	19.65	19.66	20.9	0
15	QPSK	36	39	19.60	19.59	19.64	19.67	19.65		
15	QPSK	75	0	19.55	19.59	19.69	19.66	19.60		
15	16QAM	1	0	19.64	19.74	19.69	19.67	19.58		
15	16QAM	1	37	19.53	19.56	19.61	19.56	19.51	20.9	0
15	16QAM	1	74	19.56	19.71	19.54	19.60	19.59		
15	16QAM	36	0	19.57	19.70	19.69	19.62	19.60		
15	16QAM	36	20	19.49	19.50	19.62	19.63	19.54	20.9	0
15	16QAM	36	39	19.52	19.55	19.67	19.65	19.53		
15	16QAM	75	0	19.43	19.48	19.62	19.61	19.57		
15	64QAM	1	0	19.62	19.63	19.64	19.56	19.64		
15	64QAM	1	37	19.61	19.47	19.52	19.41	19.57	20.9	0
15	64QAM	1	74	19.62	19.62	19.51	19.54	19.66		
15	64QAM	36	0	19.49	19.63	19.72	19.59	19.57		
15	64QAM	36	20	19.49	19.56	19.60	19.61	19.49	20.9	0
15	64QAM	36	39	19.57	19.55	19.62	19.63	19.54		
15	64QAM	75	0	19.51	19.52	19.61	19.56	19.49		
15	256QAM	1	0	18.83	18.89	18.78	18.73	18.79		
15	256QAM	1	37	18.76	18.66	18.69	18.71	18.83	20	0.9
15	256QAM	1	74	18.71	18.73	18.81	18.65	18.72		
15	256QAM	36	0	18.64	18.79	18.92	18.76	18.71		
15	256QAM	36	20	18.62	18.71	18.76	18.73	18.72	20	0.9
15	256QAM	36	39	18.63	18.66	18.73	18.73	18.67		
15	256QAM	75	0	18.77	18.61	18.81	18.76	18.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.63	19.78	19.72	19.73	19.71	21	0
10	QPSK	1	25	19.61	19.61	19.66	19.59	19.68		
10	QPSK	1	49	19.62	19.65	19.65	19.59	19.75		
10	QPSK	25	0	19.60	19.67	19.75	19.59	19.65		
10	QPSK	25	12	19.51	19.58	19.71	19.63	19.65	20.9	0
10	QPSK	25	25	19.59	19.57	19.63	19.68	19.66		
10	QPSK	50	0	19.63	19.65	19.65	19.66	19.60		
10	16QAM	1	0	19.60	19.72	19.74	19.62	19.64		
10	16QAM	1	25	19.57	19.51	19.58	19.46	19.51	20.9	0
10	16QAM	1	49	19.50	19.72	19.63	19.55	19.63		
10	16QAM	25	0	19.54	19.67	19.74	19.59	19.54		
10	16QAM	25	12	19.45	19.47	19.68	19.68	19.50	20.9	0
10	16QAM	25	25	19.52	19.49	19.60	19.58	19.59		
10	16QAM	50	0	19.50	19.44	19.70	19.57	19.47		
10	64QAM	1	0	19.57	19.64	19.57	19.58	19.67		
10	64QAM	1	25	19.52	19.50	19.57	19.46	19.62	20.9	0
10	64QAM	1	49	19.54	19.70	19.53	19.47	19.70		
10	64QAM	25	0	19.48	19.56	19.67	19.63	19.57		
10	64QAM	25	12	19.52	19.54	19.55	19.64	19.53	20.9	0
10	64QAM	25	25	19.53	19.51	19.56	19.55	19.60		
10	64QAM	50	0	19.51	19.54	19.62	19.54	19.51		
10	256QAM	1	0	18.80	18.91	18.81	18.82	18.80		
10	256QAM	1	25	18.75	18.70	18.67	18.73	18.77	20	0.9
10	256QAM	1	49	18.69	18.80	18.76	18.68	18.79		
10	256QAM	25	0	18.65	18.86	18.89	18.77	18.69		
10	256QAM	25	12	18.66	18.72	18.81	18.82	18.71	20	0.9
10	256QAM	25	25	18.58	18.66	18.75	18.78	18.61		
10	256QAM	50	0	18.67	18.67	18.81	18.79	18.72		
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	19.72	19.69	19.75	19.73	19.77	21	0
5	QPSK	1	12	19.60	19.67	19.68	19.64	19.60		
5	QPSK	1	24	19.57	19.67	19.60	19.65	19.71		
5	QPSK	12	0	19.58	19.70	19.75	19.66	19.55		
5	QPSK	12	7	19.56	19.69	19.73	19.64	19.61	20.9	0
5	QPSK	12	13	19.53	19.58	19.71	19.69	19.63		
5	QPSK	25	0	19.56	19.56	19.75	19.64	19.68		
5	16QAM	1	0	19.54	19.64	19.66	19.56	19.58		
5	16QAM	1	12	19.59	19.58	19.64	19.50	19.50	20.9	0
5	16QAM	1	24	19.53	19.68	19.60	19.62	19.60		
5	16QAM	12	0	19.51	19.68	19.73	19.59	19.52		
5	16QAM	12	7	19.48	19.56	19.65	19.59	19.56	20.9	0
5	16QAM	12	13	19.51	19.57	19.66	19.58	19.50		
5	16QAM	25	0	19.45	19.46	19.65	19.55	19.50		
5	64QAM	1	0	19.59	19.63	19.62	19.59	19.64		
5	64QAM	1	12	19.53	19.58	19.53	19.51	19.65	20.9	0
5	64QAM	1	24	19.62	19.66	19.58	19.51	19.64		
5	64QAM	12	0	19.49	19.59	19.68	19.56	19.52		
5	64QAM	12	7	19.60	19.51	19.64	19.76	19.56	20.9	0
5	64QAM	12	13	19.49	19.58	19.63	19.62	19.60		
5	64QAM	25	0	19.51	19.59	19.73	19.49	19.59		
5	256QAM	1	0	18.79	18.82	18.81	18.79	18.82	20	0.9
5	256QAM	1	12	18.72	18.75	18.73	18.73	18.79		
5	256QAM	1	24	18.79	18.85	18.78	18.74	18.78		
5	256QAM	12	0	18.66	18.80	18.90	18.68	18.76	20	0.9
5	256QAM	12	7	18.66	18.67	18.82	18.72	18.68		
5	256QAM	12	13	18.65	18.66	18.71	18.77	18.67		
5	256QAM	25	0	18.68	18.60	18.79	18.76	18.62		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.10	21.08	21.13	21.07	21.09	22.5	0
20	QPSK	1	49	20.96	20.98	21.03	20.95	21.05		
20	QPSK	1	99	21.07	21.05	21.11	21.01	21.05		
20	QPSK	50	0	21.02	21.01	21.10	20.99	21.04		
20	QPSK	50	24	21.06	20.95	21.01	20.96	21.03		
20	QPSK	50	50	21.03	20.97	21.03	20.94	21.07		
20	QPSK	100	0	20.97	21.01	21.07	21.05	20.98		
20	16QAM	1	0	21.07	21.01	21.01	21.01	20.98		
20	16QAM	1	49	20.87	20.86	20.90	20.87	20.93	22.5	0
20	16QAM	1	99	21.02	20.92	21.06	20.92	21.01		
20	16QAM	50	0	20.88	20.93	21.05	20.86	20.98		
20	16QAM	50	24	21.04	20.90	20.88	20.89	20.89	22.5	0
20	16QAM	50	50	20.99	20.89	20.89	20.90	20.94		
20	16QAM	100	0	20.89	20.87	21.03	20.99	20.93		
20	64QAM	1	0	21.00	20.95	21.00	20.95	20.97		
20	64QAM	1	49	20.83	20.85	20.96	20.87	20.92	22.5	0
20	64QAM	1	99	21.03	20.96	21.04	20.98	20.92		
20	64QAM	50	0	20.93	20.89	20.97	20.96	21.02		
20	64QAM	50	24	20.99	20.90	20.90	20.91	20.97	22.5	0
20	64QAM	50	50	20.98	20.85	20.91	20.85	20.94		
20	64QAM	100	0	20.88	20.94	20.99	20.96	20.92		
20	256QAM	1	0	20.63	20.60	20.57	20.53	20.63	22	0.5
20	256QAM	1	49	20.50	20.50	20.55	20.41	20.54		
20	256QAM	1	99	20.58	20.58	20.60	20.54	20.51		
20	256QAM	50	0	20.46	20.49	20.61	20.49	20.58		
20	256QAM	50	24	20.62	20.48	20.47	20.41	20.51	22	0.5
20	256QAM	50	50	20.50	20.44	20.51	20.47	20.58		
20	256QAM	100	0	20.42	20.51	20.58	20.52	20.48		
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	21.06	20.99	21.04	21.02	20.95	23	0
15	QPSK	1	37	20.93	20.95	20.94	20.87	20.97		
15	QPSK	1	74	21.05	20.93	20.97	20.88	20.97		
15	QPSK	36	0	20.91	20.95	20.99	20.89	20.92	22.5	0
15	QPSK	36	20	21.01	20.84	20.96	20.91	20.94		
15	QPSK	36	39	20.95	20.86	20.96	20.88	20.99		
15	QPSK	75	0	20.88	20.88	21.03	21.02	20.87		
15	16QAM	1	0	20.94	20.97	20.92	20.90	20.84	22.5	0
15	16QAM	1	37	20.79	20.76	20.84	20.80	20.88		
15	16QAM	1	74	20.91	20.90	20.92	20.82	20.98		
15	16QAM	36	0	20.79	20.88	20.92	20.77	20.95	22.5	0
15	16QAM	36	20	20.97	20.79	20.83	20.82	20.79		
15	16QAM	36	39	20.93	20.84	20.77	20.78	20.92		
15	16QAM	75	0	20.77	20.80	20.96	20.87	20.82		
15	64QAM	1	0	20.92	20.91	20.97	20.83	20.86	22.5	0
15	64QAM	1	37	20.74	20.75	20.87	20.74	20.81		
15	64QAM	1	74	20.93	20.93	20.96	20.95	20.87		
15	64QAM	36	0	20.83	20.78	20.83	20.84	20.89	22.5	0
15	64QAM	36	20	20.90	20.80	20.85	20.80	20.83		
15	64QAM	36	39	20.91	20.76	20.81	20.73	20.90		
15	64QAM	75	0	20.75	20.90	20.97	20.94	20.89		
15	256QAM	1	0	20.59	20.52	20.47	20.50	20.59	22	0.5
15	256QAM	1	37	20.40	20.47	20.43	20.32	20.41		
15	256QAM	1	74	20.46	20.47	20.47	20.42	20.46		
15	256QAM	36	0	20.32	20.45	20.58	20.47	20.46	22	0.5
15	256QAM	36	20	20.55	20.38	20.43	20.31	20.48		
15	256QAM	36	39	20.39	20.39	20.46	20.42	20.53		
15	256QAM	75	0	20.39	20.45	20.52	20.43	20.42		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.06	21.00	21.10	20.97	21.01	23	0
10	QPSK	1	25	20.87	20.94	20.94	20.92	20.96		
10	QPSK	1	49	20.98	21.00	21.04	20.92	20.93		
10	QPSK	25	0	20.99	20.88	21.01	20.89	20.99	22.5	0
10	QPSK	25	12	21.02	20.92	20.88	20.91	20.99		
10	QPSK	25	25	20.97	20.92	20.94	20.82	21.03		
10	QPSK	50	0	20.87	20.90	21.04	20.93	20.92		
10	16QAM	1	0	20.96	20.92	20.98	20.88	20.89	22.5	0
10	16QAM	1	25	20.73	20.73	20.81	20.77	20.88		
10	16QAM	1	49	20.99	20.80	21.03	20.84	20.98		
10	16QAM	25	0	20.84	20.84	20.99	20.84	20.95	22.5	0
10	16QAM	25	12	20.96	20.87	20.82	20.84	20.86		
10	16QAM	25	25	20.92	20.83	20.76	20.78	20.86		
10	16QAM	50	0	20.81	20.83	20.93	20.86	20.80		
10	64QAM	1	0	20.96	20.85	20.87	20.90	20.92	22.5

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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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	11.89	11.93	11.85		
20	QPSK	1	49	11.80	11.83	11.77	13.1	0
20	QPSK	1	99	11.78	11.87	11.81		
20	QPSK	50	0	11.72	11.92	11.84		
20	QPSK	50	24	11.79	11.80	11.85	13.1	0
20	QPSK	50	50	11.72	11.87	11.87		
20	QPSK	100	0	11.72	11.85	11.74		
20	16QAM	1	0	11.84	11.85	11.80		
20	16QAM	1	49	11.68	11.79	11.82	13.1	0
20	16QAM	1	99	11.66	11.81	11.74		
20	16QAM	50	0	11.66	11.84	11.76		
20	16QAM	50	24	11.84	11.69	11.74	13.1	0
20	16QAM	50	50	11.72	11.82	11.76		
20	16QAM	100	0	11.72	11.81	11.71		
20	64QAM	1	0	11.79	11.80	11.76		
20	64QAM	1	49	11.70	11.79	11.68	13.1	0
20	64QAM	1	99	11.68	11.81	11.71		
20	64QAM	50	0	11.64	11.75	11.85		
20	64QAM	50	24	11.65	11.74	11.65	13.1	0
20	64QAM	50	50	11.63	11.76	11.84		
20	64QAM	100	0	11.64	11.78	11.75		
20	256QAM	1	0	11.88	11.79	11.68		
20	256QAM	1	49	11.67	11.79	11.67	13.1	0
20	256QAM	1	99	11.62	11.81	11.71		
20	256QAM	50	0	11.69	11.83	11.77		
20	256QAM	50	24	11.69	11.78	11.72	13.1	0
20	256QAM	50	50	11.69	11.76	11.83		
20	256QAM	100	0	11.64	11.83	11.73		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	11.80	11.91	11.80		
15	QPSK	1	37	11.68	11.76	11.67	13.1	0
15	QPSK	1	74	11.66	11.76	11.80		
15	QPSK	36	0	11.70	11.78	11.79		
15	QPSK	36	20	11.65	11.73	11.74	13.1	0
15	QPSK	36	39	11.70	11.80	11.80		
15	QPSK	75	0	11.69	11.73	11.64		
15	16QAM	1	0	11.74	11.81	11.76		
15	16QAM	1	37	11.54	11.76	11.74	13.1	0
15	16QAM	1	74	11.52	11.67	11.82		
15	16QAM	36	0	11.56	11.82	11.70		
15	16QAM	36	20	11.80	11.66	11.64	13.1	0
15	16QAM	36	39	11.62	11.77	11.66		
15	16QAM	75	0	11.66	11.79	11.68		
15	64QAM	1	0	11.75	11.67	11.64		
15	64QAM	1	37	11.60	11.67	11.64	13.1	0
15	64QAM	1	74	11.63	11.67	11.64		
15	64QAM	36	0	11.60	11.61	11.72		
15	64QAM	36	20	11.62	11.62	11.59	13.1	0
15	64QAM	36	39	11.53	11.69	11.78		
15	64QAM	75	0	11.61	11.68	11.67		
15	256QAM	1	0	11.85	11.74	11.59		
15	256QAM	1	37	11.63	11.70	11.65	13.1	0
15	256QAM	1	74	11.52	11.76	11.65		
15	256QAM	36	0	11.59	11.80	11.63		
15	256QAM	36	20	11.67	11.75	11.65	13.1	0
15	256QAM	36	39	11.60	11.69	11.71		
15	256QAM	75	0	11.52	11.71	11.69		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	11.77	11.84	11.82		
10	QPSK	1	25	11.69	11.72	11.64	13.1	0
10	QPSK	1	49	11.69	11.76	11.82		
10	QPSK	25	0	11.67	11.86	11.81		
10	QPSK	25	12	11.77	11.71	11.75	13.1	0
10	QPSK	25	25	11.62	11.79	11.73		
10	QPSK	50	0	11.69	11.74	11.65		
10	16QAM	1	0	11.70	11.75	11.67		
10	16QAM	1	25	11.62	11.74	11.69	13.1	0
10	16QAM	1	49	11.52	11.79	11.62		
10	16QAM	25	0	11.53	11.77	11.70		
10	16QAM	25	12	11.76	11.55	11.68	13.1	0
10	16QAM	25	25	11.70	11.80	11.74		
10	16QAM	50	0	11.62	11.69	11.61		
10	64QAM	1	0	11.70	11.70	11.73		
10	64QAM	1	25	11.62	11.68	11.63	13.1	0
10	64QAM	1	49	11.57	11.70	11.68		
10	64QAM	25	0	11.52	11.68	11.77		
10	64QAM	25	12	11.57	11.71	11.60	13.1	0
10	64QAM	25	25	11.57	11.62	11.74		
10	64QAM	50	0	11.57	11.70	11.72		
10	256QAM	1	0	11.77	11.70	11.64		
10	256QAM	1	25	11.62	11.76	11.56	13.1	0
10	256QAM	1	49	11.57	11.69	11.62		
10	256QAM	25	0	11.56	11.75	11.73		
10	256QAM	25	12	11.56	11.72	11.60	13.1	0
10	256QAM	25	25	11.65	11.62	11.79		
10	256QAM	50	0	11.55	11.71	11.67		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	11.86	11.84	11.82		
5	QPSK	1	12	11.66	11.75	11.75	13.1	0
5	QPSK	1	24	11.75	11.82	11.78		
5	QPSK	12	0	11.66	11.87	11.81		
5	QPSK	12	7	11.69	11.72	11.77	13.1	0
5	QPSK	12	13	11.68	11.83	11.77		
5	QPSK	25	0	11.64	11.78	11.65		
5	16QAM	1	0	11.79	11.72	11.75		
5	16QAM	1	12	11.65	11.66	11.68	13.1	0
5	16QAM	1	24	11.55	11.73	11.69		
5	16QAM	12	0	11.58	11.74	11.73		
5	16QAM	12	7	11.79	11.65	11.61	13.1	0
5	16QAM	12	13	11.66	11.80	11.69		
5	16QAM	25	0	11.65	11.67	11.67		
5	64QAM	1	0	11.74	11.75	11.69		
5	64QAM	1	12	11.67	11.74	11.64	13.1	0
5	64QAM	1	24	11.61	11.68	11.66		
5	64QAM	12	0	11.60	11.64	11.72		
5	64QAM	12	7	11.51	11.68	11.60	13.1	0
5	64QAM	12	13	11.58	11.62	11.71		
5	64QAM	25	0	11.54	11.65	11.73		
5	256QAM	1	0	11.74	11.72	11.62		
5	256QAM	1	12	11.62	11.67	11.59	13.1	0
5	256QAM	1	24	11.49	11.68	11.60		
5	256QAM	12	0	11.64	11.78	11.67		
5	256QAM	12	7	11.63	11.75	11.63	13.1	0
5	256QAM	12	13	11.59	11.63	11.76		
5	256QAM	25	0	11.50	11.77	11.65		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	11.81	11.85	11.74		
3	QPSK	1	8	11.69	11.79	11.75	13.1	0
3	QPSK	1	14	11.67	11.78	11.84		
3	QPSK	8	0	11.65	11.85	11.71		
3	QPSK	8	4	11.76	11.70	11.79	13.1	0
3	QPSK	8	7	11.69	11.75	11.76		
3	QPSK	15	0	11.67	11.83	11.60		
3	16QAM	1	0	11.73	11.81	11.70		
3	16QAM	1	8	11.61	11.66	11.80	13.1	0
3	16QAM	1	14	11.52	11.75	11.60		
3	16QAM	8	0	11.63	11.76	11.71		
3	16QAM	8	4	11.62	11.62	11.67	13.1	0
3	16QAM	8	7	11.62	11.76	11.64		
3	16QAM	15	0	11.62	11.77	11.57		
3	64QAM	1	0	11.76	11.69	11.66		
3	64QAM	1	8	11.67	11.69	11.56	13.1	0
3	64QAM	1	14	11.59	11.78	11.59		
3	64QAM	8	0	11.57	11.70	11.75		
3	64QAM	8	4	11.56	11.69	11.63	13.1	0
3	64QAM	8	7	11.59	11.63	11.80		
3	64QAM	15	0	11.59	11.75	11.68		
3	256QAM	1	0	11.82	11.85	11.57		
3	256QAM	1	8	11.61	11.68	11.61	13.1	0
3	256QAM	1	14	11.59	11.72	11.68		
3	256QAM	8	0	11.64	11.74	11.65		
3	256QAM	8	4	11.64	11.73	11.69	13.1	0
3	256QAM	8	7	11.62	11.71	11.71		
3	256QAM	15	0	11.57	11.77	11.68		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	11.83	11.79	11.79		
1.4	QPSK	1	3	11.77	11.74	11.68		
1.4	QPSK	1	5	11.66	11.78	11.76	13.1	0
1.4	QPSK	3	0	11.70	11.86	11.74		
1.4	QPSK	3	1	11.76	11.71	11.81		
1.4	QPSK	3	3	11.58	11.76	11.75		
1.4	QPSK	6	0	11.66	11.82	11.71	13.1	0
1.4	16QAM	1	0	11.71	11.78	11.78		
1.4	16QAM	1	3	11.65	11.68	11.73		
1.4	16QAM	1	5	11.59	11.78	11.68	13.1	0
1.4	16QAM	3	0	11.63	11.76	11.68		
1.4	16QAM	3	1	11.78	11.66	11.66		
1.4	16QAM	3	3	11.63	11.80	11.74		
1.4	16QAM	6	0	11.70	11.77	11.61	13.1	0
1.4	64QAM	1	0	11.69	11.66	11.72		
1.4	64QAM	1	3	11.63	11.77	11.58		
1.4	64QAM	1	5	11.64	11.76	11.62	13.1	0
1.4	64QAM	3	0	11.59	11.66	11.77		
1.4	64QAM	3	1	11.60	11.65	11.52		
1.4	64QAM	3	3	11.54	11.70	11.75		
1.4	64QAM	6	0	11.61	11.64	11.69	13.1	0
1.4	256QAM	1	0	11.84	11.72	11.63		
1.4	256QAM	1	3	11.54	11.71	11.55		
1.4	256QAM	1	5	11.56	11.69	11.61	13.1	0
1.4	256QAM	3	0	11.66	11.79	11.70		
1.4	256QAM	3	1	11.59	11.68	11.68		
1.4	256QAM	3	3	11.55	11.65	11.70		
1.4	256QAM	6	0	11.60	11.73	11.59	13.1	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	9.97	10.12	10.08		
20	QPSK	1	49	10.03	10.07	10.00	11.3	0
20	QPSK	1	99	9.91	9.99	10.00		
20	QPSK	50	0	10.02	10.09	10.02		
20	QPSK	50	24	9.97	10.02	9.95	11.3	0
20	QPSK	50	50	9.91	9.95	10.00		
20	QPSK	100	0	9.94	10.03	9.90		
20	16QAM	1	0	10.03	9.94	10.07		
20	16QAM	1	49	9.92	9.87	9.86	11.3	0
20	16QAM	1	99	10.00	9.85	9.92		
20	16QAM	50	0	9.90	9.99	9.92		
20	16QAM	50	24	9.82	9.98	9.91	11.3	0
20	16QAM	50	50	9.90	9.97	9.95		
20	16QAM	100	0	9.81	9.94	9.87		
20	64QAM	1	0	9.93	9.95	9.90		
20	64QAM	1	49	9.86	9.89	9.95	11.3	0
20	64QAM	1	99	9.91	9.87	9.97		
20	64QAM	50	0	9.93	10.01	9.88		
20	64QAM	50	24	9.87	9.98	9.92	11.3	0
20	64QAM	50	50	9.96	9.90	9.92		
20	64QAM	100	0	9.81	9.96	9.91		
20	256QAM	1	0	9.95	9.99	9.96		
20	256QAM	1	49	9.93	10.05	9.84	11.3	0
20	256QAM	1	99	10.02	9.89	9.90		
20	256QAM	50	0	9.92	9.96	9.99		
20	256QAM	50	24	9.88	9.96	9.89	11.3	0
20	256QAM	50	50	9.86	9.92	9.89		
20	256QAM	100	0	9.77	9.97	9.86		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	9.95	10.09	10.05		
15	QPSK	1	37	10.02	9.98	9.91	11.3	0
15	QPSK	1	74	9.94	9.89	9.99		
15	QPSK	36	0	9.96	10.04	9.93		
15	QPSK	36	20	9.96	9.98	9.91	11.3	0
15	QPSK	36	39	9.81	9.95	9.89		
15	QPSK	75	0	9.90	9.93	9.80		
15	16QAM	1	0	9.97	9.87	10.01		
15	16QAM	1	37	9.80	9.78	9.77	11.3	0
15	16QAM	1	74	9.92	9.75	9.81		
15	16QAM	36	0	9.85	9.89	9.91		
15	16QAM	36	20	9.76	9.97	9.82	11.3	0
15	16QAM	36	39	9.85	9.94	9.88		
15	16QAM	75	0	9.90	9.90	9.77		
15	64QAM	1	0	9.86	9.83	9.89		
15	64QAM	1	37	9.83	9.87	9.85	11.3	0
15	64QAM	1	74	9.83	9.81	9.97		
15	64QAM	36	0	9.81	9.92	9.82		
15	64QAM	36	20	9.79	9.90	9.82	11.3	0
15	64QAM	36	39	9.95	9.82	9.92		
15	64QAM	75	0	9.80	9.84	9.88		
15	256QAM	1	0	9.86	9.95	9.91		
15	256QAM	1	37	9.83	10.05	9.72	11.3	0
15	256QAM	1	74	10.01	9.86	9.86		
15	256QAM	36	0	9.81	9.93	9.97		
15	256QAM	36	20	9.79	9.94	9.85	11.3	0
15	256QAM	36	39	9.75	9.90	9.87		
15	256QAM	75	0	9.71	9.93	9.85		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	9.85	10.05	10.06		
10	QPSK	1	25	10.02	10.01	9.94	11.3	0
10	QPSK	1	49	9.89	9.90	9.91		
10	QPSK	25	0	10.00	10.00	9.97		
10	QPSK	25	12	9.91	9.95	9.90	11.3	0
10	QPSK	25	25	9.80	9.95	9.98		
10	QPSK	50	0	9.88	9.95	9.82		
10	16QAM	1	0	9.92	9.90	10.06		
10	16QAM	1	25	9.90	9.84	9.86	11.3	0
10	16QAM	1	49	9.95	9.74	9.85		
10	16QAM	25	0	9.90	9.88	9.80		
10	16QAM	25	12	9.75	9.90	9.80	11.3	0
10	16QAM	25	25	9.89	9.95	9.92		
10	16QAM	50	0	9.81	9.94	9.85		
10	64QAM	1	0	9.83	9.94	9.79		
10	64QAM	1	25	9.80	9.86	9.90	11.3	0
10	64QAM	1	49	9.82	9.82	9.96		
10	64QAM	25	0	9.84	9.97	9.84		
10	64QAM	25	12	9.80	9.97	9.81	11.3	0
10	64QAM	25	25	9.95	9.84	9.81		
10	64QAM	50	0	9.78	9.85	9.80		
10	256QAM	1	0	9.95	9.96	9.95		
10	256QAM	1	25	9.86	9.98	9.84	11.3	0
10	256QAM	1	49	9.93	9.86	9.82		
10	256QAM	25	0	9.88	9.89	9.92		
10	256QAM	25	12	9.84	9.87	9.85	11.3	0
10	256QAM	25	25	9.81	9.87	9.78		
10	256QAM	50	0	9.70	9.96	9.74		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	9.96	10.04	10.02		
5	QPSK	1	12	10.02	10.05	9.99	11.3	0
5	QPSK	1	24	9.94	9.87	9.95		
5	QPSK	12	0	9.99	10.08	9.99		
5	QPSK	12	7	9.89	9.92	9.85	11.3	0
5	QPSK	12	13	9.86	9.92	9.93		
5	QPSK	25	0	9.93	9.97	9.89		
5	16QAM	1	0	9.98	9.90	10.03		
5	16QAM	1	12	9.91	9.80	9.80	11.3	0
5	16QAM	1	24	9.96	9.79	9.88		
5	16QAM	12	0	9.82	9.88	9.88		
5	16QAM	12	7	9.78	9.90	9.87	11.3	0
5	16QAM	12	13	9.89	9.89	9.90		
5	16QAM	25	0	9.75	9.84	9.78		
5	64QAM	1	0	9.89	9.92	9.85		
5	64QAM	1	12	9.83	9.81	9.90	11.3	0
5	64QAM	1	24	9.89	9.82	9.87		
5	64QAM	12	0	9.88	10.01	9.77		
5	64QAM	12	7	9.76	9.93	9.83	11.3	0
5	64QAM	12	13	9.84	9.86	9.83		
5	64QAM	25	0	9.77	9.94	9.79		
5	256QAM	1	0	9.92	9.94	9.89		
5	256QAM	1	12	9.92	9.99	9.81	11.3	0
5	256QAM	1	24	9.91	9.79	9.82		
5	256QAM	12	0	9.94	9.92	9.99		
5	256QAM	12	7	9.79	9.89	9.81	11.3	0
5	256QAM	12	13	9.82	9.83	9.84		
5	256QAM	25	0	9.69	9.88	9.74		
Channel				19925	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	9.92	10.03	9.97		
3	QPSK	1	8	9.99	9.97	9.90	11.3	0
3	QPSK	1	14	9.91	9.84	9.96		
3	QPSK	8	0	9.93	10.07	10.02		
3	QPSK	8	4	9.95	10.00	9.84	11.3	0
3	QPSK	8	7	9.83	9.84	9.99		
3	QPSK	15	0	9.85	9.95	9.89		
3	16QAM	1	0	9.93	9.92	9.98		
3	16QAM	1	8	9.92	9.81	9.84	11.3	0
3	16QAM	1	14	9.90	9.79	9.81		
3	16QAM	8	0	9.85	9.95	9.82		
3	16QAM	8	4	9.71	9.95	9.81	11.3	0
3	16QAM	8	7	9.89	9.88	9.85		
3	16QAM	15	0	9.71	9.92	9.81		
3	64QAM	1	0	9.82	9.84	9.88		
3	64QAM	1	8	9.84	9.82	9.86	11.3	0
3	64QAM	1	14	9.89	9.81	9.87		
3	64QAM	8	0	9.82	9.95	9.76		
3	64QAM	8	4	9.87	9.86	9.84	11.3	0
3	64QAM	8	7	9.92	9.87	9.92		
3	64QAM	15	0	9.69	9.86	9.86		
3	256QAM	1	0	9.90	9.97	9.94		
3	256QAM	1	8	9.82	9.96	9.82	11.3	0
3	256QAM	1	14	9.99	9.86	9.86		
3	256QAM	8	0	9.82	9.92	9.97		
3	256QAM	8	4	9.78	9.87	9.78	11.3	0
3	256QAM	8	7	9.76	9.80	9.83		
3	256QAM	15	0	9.68	9.91	9.77		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	9.93	10.05	9.98		
1.4	QPSK	1	3	9.96	9.98	9.95		
1.4	QPSK	1	5	9.91	9.88	9.95	11.3	0
1.4	QPSK	3	0	9.91	10.05	9.93		
1.4	QPSK	3	1	9.91	10.02	9.94		
1.4	QPSK	3	3	9.88	9.95	9.92		
1.4	QPSK	6	0	9.94	9.95	9.83	11.3	0
1.4	16QAM	1	0	10.02	9.91	9.97		
1.4	16QAM	1	3	9.84	9.79	9.80		
1.4	16QAM	1	5	9.92	9.77	9.86	11.3	0
1.4	16QAM	3	0	9.84	9.90	9.82		
1.4	16QAM	3	1	9.75	9.98	9.79		
1.4	16QAM	3	3	9.86	9.92	9.84		
1.4	16QAM	6	0	9.76	9.85	9.81	11.3	0
1.4	64QAM	1	0	9.81	9.91	9.82		
1.4	64QAM	1	3	9.85	9.80	9.85		
1.4	64QAM	1	5	9.86	9.78	9.94	11.3	0
1.4	64QAM	3	0	9.92	9.98	9.80		
1.4	64QAM	3	1	9.77	9.87	9.83		
1.4	64QAM	3	3	9.90	9.79	9.89		
1.4	64QAM	6	0	9.78	9.92	9.79	11.3	0
1.4	256QAM	1	0	9.91	9.94	9.93		
1.4	256QAM	1	3	9.90	9.96	9.82		
1.4	256QAM	1	5	9.96	9.81	9.88	11.3	0
1.4	256QAM	3	0	9.91	9.96	9.95		
1.4	256QAM	3	1	9.87	9.93	9.81		
1.4	256QAM	3	3	9.78	9.80	9.88		
1.4	256QAM	6	0	9.67	9.96	9.85	11.3	0

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BW [MHz]	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	13.70	13.75	13.72		
20	QPSK	1	49	13.69	13.70	13.62	15	0
20	QPSK	1	99	13.61	13.68	13.71		
20	QPSK	50	0	13.62	13.72	13.60		
20	QPSK	50	24	13.64	13.70	13.71	15	0
20	QPSK	50	50	13.69	13.64	13.70		
20	QPSK	100	0	13.65	13.70	13.67		
20	16QAM	1	0	13.67	13.69	13.72		
20	16QAM	1	49	13.60	13.69	13.53	15	0
20	16QAM

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BW [MHz]	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	26599		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	11.95	12.00	11.96		
20	QPSK	1	49	11.82	11.96	11.86	13.1	0
20	QPSK	1	99	11.84	11.96	11.90		
20	QPSK	50	0	11.81	11.97	11.93		
20	QPSK	50	24	11.90	11.86	11.87	13.1	0
20	QPSK	50	50	11.81	11.95	11.94		
20	QPSK	100	0	11.83	11.94	11.84		
20	16QAM	1	0	11.87	11.91	11.92		
20	16QAM	1	49	11.78	11.85	11.84	13.1	0
20	16QAM	1	99	11.70	11.90	11.78		
20	16QAM	50	0	11.73	11.88	11.84		
20	16QAM	50	24	11.88	11.80	11.78	13.1	0
20	16QAM	50	50	11.76	11.92	11.90		
20	16QAM	100	0	11.77	11.88	11.75		
20	64QAM	1	0	11.85	11.90	11.87		
20	64QAM	1	49	11.74	11.85	11.78	13.1	0
20	64QAM	1	99	11.78	11.91	11.78		
20	64QAM	50	0	11.78	11.83	11.88		
20	64QAM	50	24	11.77	11.82	11.75	13.1	0
20	64QAM	50	50	11.70	11.86	11.89		
20	64QAM	100	0	11.77	11.86	11.78		
20	256QAM	1	0	11.92	11.88	11.82		
20	256QAM	1	49	11.71	11.87	11.78	13.1	0
20	256QAM	1	99	11.73	11.84	11.82		
20	256QAM	50	0	11.73	11.91	11.81		
20	256QAM	50	24	11.81	11.84	11.82	13.1	0
20	256QAM	50	50	11.78	11.89	11.92		
20	256QAM	100	0	11.72	11.92	11.81		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	11.84	11.95	11.87		
15	QPSK	1	37	11.71	11.88	11.76	13.1	0
15	QPSK	1	74	11.71	11.88	11.77		
15	QPSK	36	0	11.77	11.94	11.85		
15	QPSK	36	20	11.86	11.80	11.84	13.1	0
15	QPSK	36	39	11.69	11.91	11.89		
15	QPSK	75	0	11.80	11.92	11.72		
15	16QAM	1	0	11.81	11.86	11.89		
15	16QAM	1	37	11.69	11.80	11.72	13.1	0
15	16QAM	1	74	11.60	11.76	11.72		
15	16QAM	36	0	11.67	11.82	11.72		
15	16QAM	36	20	11.78	11.71	11.72	13.1	0
15	16QAM	36	39	11.67	11.89	11.85		
15	16QAM	75	0	11.65	11.75	11.68		
15	64QAM	1	0	11.72	11.84	11.81		
15	64QAM	1	37	11.68	11.74	11.73	13.1	0
15	64QAM	1	74	11.68	11.83	11.75		
15	64QAM	36	0	11.72	11.73	11.78		
15	64QAM	36	20	11.67	11.79	11.73	13.1	0
15	64QAM	36	39	11.61	11.81	11.77		
15	64QAM	75	0	11.75	11.83	11.67		
15	256QAM	1	0	11.81	11.85	11.74		
15	256QAM	1	37	11.59	11.82	11.73	13.1	0
15	256QAM	1	74	11.62	11.75	11.79		
15	256QAM	36	0	11.65	11.78	11.69		
15	256QAM	36	20	11.68	11.77	11.77	13.1	0
15	256QAM	36	39	11.71	11.77	11.81		
15	256QAM	75	0	11.59	11.79	11.78		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	11.84	11.89	11.91		
10	QPSK	1	25	11.79	11.90	11.72	13.1	0
10	QPSK	1	49	11.74	11.91	11.85		
10	QPSK	25	0	11.73	11.91	11.89		
10	QPSK	25	12	11.82	11.79	11.78	13.1	0
10	QPSK	25	25	11.77	11.90	11.87		
10	QPSK	50	0	11.75	11.82	11.79		
10	16QAM	1	0	11.75	11.81	11.79		
10	16QAM	1	25	11.72	11.80	11.79	13.1	0
10	16QAM	1	49	11.64	11.85	11.69		
10	16QAM	25	0	11.70	11.78	11.79		
10	16QAM	25	12	11.77	11.66	11.64	13.1	0
10	16QAM	25	25	11.64	11.85	11.85		
10	16QAM	50	0	11.67	11.79	11.65		
10	64QAM	1	0	11.77	11.82	11.78		
10	64QAM	1	25	11.61	11.74	11.75	13.1	0
10	64QAM	1	49	11.67	11.79	11.70		
10	64QAM	25	0	11.69	11.80	11.79		
10	64QAM	25	12	11.65	11.77	11.62	13.1	0
10	64QAM	25	25	11.61	11.77	11.75		
10	64QAM	50	0	11.75	11.73	11.74		
10	256QAM	1	0	11.79	11.76	11.73		
10	256QAM	1	25	11.58	11.84	11.67	13.1	0
10	256QAM	1	49	11.63	11.81	11.76		
10	256QAM	25	0	11.60	11.88	11.78		
10	256QAM	25	12	11.72	11.77	11.69	13.1	0
10	256QAM	25	25	11.73	11.78	11.87		
10	256QAM	50	0	11.63	11.88	11.70		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	11.83	11.95	11.93		
5	QPSK	1	12	11.77	11.87	11.78	13.1	0
5	QPSK	1	24	11.72	11.83	11.84		
5	QPSK	12	0	11.71	11.90	11.83		
5	QPSK	12	7	11.79	11.79	11.74	13.1	0
5	QPSK	12	13	11.74	11.82	11.83		
5	QPSK	25	0	11.73	11.89	11.76		
5	16QAM	1	0	11.83	11.84	11.82		
5	16QAM	1	12	11.71	11.79	11.74	13.1	0
5	16QAM	1	24	11.66	11.86	11.73		
5	16QAM	12	0	11.71	11.76	11.78		
5	16QAM	12	7	11.79	11.67	11.70	13.1	0
5	16QAM	12	13	11.72	11.83	11.88		
5	16QAM	25	0	11.73	11.77	11.66		
5	64QAM	1	0	11.79	11.86	11.83		
5	64QAM	1	12	11.60	11.79	11.71	13.1	0
5	64QAM	1	24	11.69	11.79	11.75		
5	64QAM	12	0	11.72	11.77	11.85		
5	64QAM	12	7	11.64	11.75	11.65	13.1	0
5	64QAM	12	13	11.57	11.80	11.82		
5	64QAM	25	0	11.68	11.73	11.66		
5	256QAM	1	0	11.82	11.75	11.77		
5	256QAM	1	12	11.60	11.76	11.75	13.1	0
5	256QAM	1	24	11.61	11.80	11.69		
5	256QAM	12	0	11.67	11.85	11.70		
5	256QAM	12	7	11.78	11.72	11.75	13.1	0
5	256QAM	12	13	11.68	11.87	11.90		
5	256QAM	25	0	11.68	11.89	11.70		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	11.87	11.93	11.93		
3	QPSK	1	8	11.68	11.83	11.82	13.1	0
3	QPSK	1	14	11.72	11.89	11.86		
3	QPSK	8	0	11.71	11.87	11.80		
3	QPSK	8	4	11.88	11.80	11.81	13.1	0
3	QPSK	8	7	11.71	11.81	11.81		
3	QPSK	15	0	11.80	11.85	11.77		
3	16QAM	1	0	11.74	11.84	11.87		
3	16QAM	1	8	11.71	11.82	11.78	13.1	0
3	16QAM	1	14	11.57	11.83	11.65		
3	16QAM	8	0	11.69	11.74	11.81		
3	16QAM	8	4	11.82	11.72	11.67	13.1	0
3	16QAM	8	7	11.63	11.83	11.78		
3	16QAM	15	0	11.68	11.83	11.66		
3	64QAM	1	0	11.80	11.85	11.80		
3	64QAM	1	8	11.61	11.78	11.70	13.1	0
3	64QAM	1	14	11.74	11.78	11.72		
3	64QAM	8	0	11.72	11.78	11.78		
3	64QAM	8	4	11.64	11.77	11.62	13.1	0
3	64QAM	8	7	11.68	11.76	11.76		
3	64QAM	15	0	11.66	11.75	11.68		
3	256QAM	1	0	11.85	11.83	11.69		
3	256QAM	1	8	11.67	11.80	11.74	13.1	0
3	256QAM	1	14	11.64	11.71	11.72		
3	256QAM	8	0	11.63	11.80	11.72		
3	256QAM	8	4	11.69	11.78	11.69	13.1	0
3	256QAM	8	7	11.64	11.82	11.84		
3	256QAM	15	0	11.59	11.83	11.68		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	11.91	11.91	11.85		
1.4	QPSK	1	3	11.74	11.85	11.82		
1.4	QPSK	1	5	11.74	11.85	11.86	13.1	0
1.4	QPSK	3	0	11.75	11.94	11.90		
1.4	QPSK	3	1	11.79	11.82	11.81		
1.4	QPSK	3	3	11.68	11.84	11.87		
1.4	QPSK	6	0	11.79	11.86	11.78	13.1	0
1.4	16QAM	1	0	11.85	11.79	11.87		
1.4	16QAM	1	3	11.69	11.78	11.77		
1.4	16QAM	1	5	11.68	11.88	11.76	13.1	0
1.4	16QAM	3	0	11.59	11.81	11.78		
1.4	16QAM	3	1	11.76	11.73	11.66		
1.4	16QAM	3	3	11.72	11.82	11.80		
1.4	16QAM	6	0	11.75	11.83	11.73	13.1	0
1.4	64QAM	1	0	11.77	11.81	11.79		
1.4	64QAM	1	3	11.63	11.82	11.70		
1.4	64QAM	1	5	11.75	11.80	11.75	13.1	0
1.4	64QAM	3	0	11.71	11.79	11.75		
1.4	64QAM	3	1	11.74	11.77	11.68		
1.4	64QAM	3	3	11.66	11.78	11.76		
1.4	64QAM	6	0	11.64	11.73	11.67	13.1	0
1.4	256QAM	1	0	11.78	11.76	11.69		
1.4	256QAM	1	3	11.62	11.79	11.69		
1.4	256QAM	1	5	11.62	11.77	11.76	13.1	0
1.4	256QAM	3	0	11.70	11.88	11.77		
1.4	256QAM	3	1	11.78	11.75	11.77		
1.4	256QAM	3	3	11.72	11.80	11.87		
1.4	256QAM	6	0	11.61	11.88	11.77	13.1	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		13.11			
10	QPSK	1	25		13.08		14.3	0
10	QPSK	1	49		13.05			
10	QPSK	25	0		13.09			
10	QPSK	25	12		12.99		14.3	0
10	QPSK	25	25		12.96			
10	QPSK	50	0		13.05			
10	16QAM	1	0		13.04			
10	16QAM	1	25		13.07		14.3	0
10	16QAM	1	49		13.03			
10	16QAM	25	0		13.01			
10	16QAM	25	12		12.90		14.3	0
10	16QAM	25	25		12.93			
10	16QAM	50	0		12.94			
10	64QAM	1	0		12.99			
10	64QAM	1	25		12.97		14.3	0
10	64QAM	1	49		13.03			
10	64QAM	25	0		13.03			
10	64QAM	25	12		12.97		14.3	0
10	64QAM	25	25		12.87			
10	64QAM	50	0		13.05			
10	256QAM	1	0		13.04			
10	256QAM	1	25		13.03		14.3	0
10	256QAM	1	49		13.01			
10	256QAM	25	0		13.07			
10	256QAM	25	12		12.89		14.3	0
10	256QAM	25	25		12.95			
10	256QAM	50	0		13.04			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	13.04	13.08	13.02		
5	QPSK	1	12	12.96	13.06	13.02	14.3	0
5	QPSK	1	24	13.03	13.02	13.02		
5	QPSK	12	0	13.03	13.02	13.01		
5	QPSK	12	7	12.99	12.88	12.98	14.3	0
5	QPSK	12	13	12.85	12.92	12.85		
5	QPSK	25	0	12.98	13.04	12.94		
5	16QAM	1	0	12.95	12.97	12.98		
5	16QAM	1	12	12.98	13.02	13.01	14.3	0
5	16QAM	1	24	12.98	12.97	12.97		
5	16QAM	12	0	12.90	13.00	12.94		
5	16QAM	12	7	12.84	12.89	12.82	14.3	0
5	16QAM	12	13	12.91	12.88	12.81		
5	16QAM	25	0	12.94	12.90	12.93		
5	64QAM	1	0	12.88	12.90	12.96		
5	64QAM	1	12	12.95	12.87	12.92	14.3	0
5	64QAM	1	24	12.97	13.01	12.93		
5	64QAM	12	0	13.02	12.99	13.02		
5	64QAM	12	7	12.91	12.97	12.91	14.3	0
5	64QAM	12	13	12.81	12.87	12.83		
5	64QAM	25	0	12.93	13.00	13.01		
5	256QAM	1	0	12.99	12.95	12.97		
5	256QAM	1	12	12.92	12.94	13.02	14.3	0
5	256QAM	1	24	12.93	12.93	12.93		
5	256QAM	12	0	13.02	13.06	12.96		
5	256QAM	12	7	12.84	12.80	12.83	14.3	0
5	256QAM	12	13	12.94	12.93	12.86		
5	256QAM	25	0	12.94	12.96	12.99		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				131972	132322	132672		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	10.08	10.13	10.09		
20	QPSK	1	49	10.07	10.08	10.03	11.3	0
20	QPSK	1	99	10.06	10.02	10.01		
20	QPSK	50	0	10.04	10.10	10.03		
20	QPSK	50	24	10.00	10.09	10.01	11.3	0
20	QPSK	50	50	10.01	10.06	10.02		
20	QPSK	100	0	9.98	10.07	10.01		
20	16QAM	1	0	10.08	10.03	10.08		
20	16QAM	1	49	9.98	9.99	9.91	11.3	0
20	16QAM	1	99	10.00	9.90	10.00		
20	16QAM	50	0	10.00	10.09	9.93		
20	16QAM	50	24	9.90	10.08	9.96	11.3	0
20	16QAM	50	50	9.98	10.02	9.97		
20	16QAM	100	0	9.89	10.06	9.91		
20	64QAM	1	0	10.05	10.06	10.01		
20	64QAM	1	49	9.96	10.00	10.03	11.3	0
20	64QAM	1	99	10.00	9.96	10.00		
20	64QAM	50	0	9.98	10.02	9.99		
20	64QAM	50	24	9.90	10.03	9.97	11.3	0
20	64QAM	50	50	10.01	9.99	9.96		
20	64QAM	100	0	9.90	10.01	9.92		
20	256QAM	1	0	9.98	10.04	10.04		
20	256QAM	1	49	9.98	10.07	9.95	11.3	0
20	256QAM	1	99	10.02	9.96	9.99		
20	256QAM	50	0	9.99	9.99	10.03		
20	256QAM	50	24	9.99	10.06	9.97	11.3	0
20	256QAM	50	50	9.95	9.99	9.92		
20	256QAM	100	0	9.87	10.07	9.97		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	10.08	10.05	10.06		
15	QPSK	1	37	9.99	10.08	9.95	11.3	0
15	QPSK	1	74	10.02	9.91	10.00		
15	QPSK	36	0	9.96	10.05	9.94		
15	QPSK	36	20	9.99	9.99	9.93	11.3	0
15	QPSK	36	39	9.91	9.97	9.98		
15	QPSK	75	0	9.94	9.95	9.95		
15	16QAM	1	0	10.00	9.99	10.07		
15	16QAM	1	37	9.86	9.88	9.89	11.3	0
15	16QAM	1	74	9.98	9.86	9.97		
15	16QAM	36	0	10.00	10.09	9.90		
15	16QAM	36	20	9.80	10.08	9.86	11.3	0
15	16QAM	36	39	9.94	9.96	9.94		
15	16QAM	75	0	9.86	10.06	9.79		
15	64QAM	1	0	10.01	9.99	10.00		
15	64QAM	1	37	9.84	9.99	10.01	11.3	0
15	64QAM	1	74	9.96	9.96	9.98		
15	64QAM	36	0	9.95	9.99	9.94		
15	64QAM	36	20	9.79	9.97	9.89	11.3	0
15	64QAM	36	39	9.91	9.95	9.94		
15	64QAM	75	0	9.82	10.01	9.89		
15	256QAM	1	0	9.97	10.03	9.98		
15	256QAM	1	37	9.90	10.00	9.93	11.3	0
15	256QAM	1	74	9.97	9.88	9.95		
15	256QAM	36	0	9.91	9.90	9.96		
15	256QAM	36	20	9.91	10.02	9.94	11.3	0
15	256QAM	36	39	9.94	9.98	9.87		
15	256QAM	75	0	9.80	9.98	9.92		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	9.99	10.07	10.02		
10	QPSK	1	25	9.98	9.98	9.99	11.3	0
10	QPSK	1	49	9.95	9.93	10.01		
10	QPSK	25	0	9.97	9.99	9.95		
10	QPSK	25	12	9.97	10.02	10.00	11.3	0
10	QPSK	25	25	10.00	10.02	10.02		
10	QPSK	50	0	9.88	10.06	9.99		
10	16QAM	1	0	9.96	10.02	10.03		
10	16QAM	1	25	9.94	9.92	9.87	11.3	0
10	16QAM	1	49	9.99	9.78	9.91		
10	16QAM	25	0	9.93	10.01	9.84		
10	16QAM	25	12	9.79	10.03	9.85	11.3	0
10	16QAM	25	25	9.90	9.98	9.90		
10	16QAM	50	0	9.87	10.03	9.87		
10	64QAM	1	0	9.99	9.99	9.97		
10	64QAM	1	25	9.87	9.97	9.91	11.3	0
10	64QAM	1	49	9.92	9.87	9.88		
10	64QAM	25	0	9.92	9.98	9.92		
10	64QAM	25	12	9.87	9.94	9.86	11.3	0
10	64QAM	25	25	9.91	9.91	9.92		
10	64QAM	50	0	9.86	9.95	9.83		
10	256QAM	1	0	9.91	9.98	10.03		
10	256QAM	1	25	9.93	10.06	9.84	11.3	0
10	256QAM	1	49	9.94	9.90	9.95		
10	256QAM	25	0	9.89	9.97	10.00		
10	256QAM	25	12	9.95	9.97	9.85	11.3	0
10	256QAM	25	25	9.93	9.96	9.88		
10	256QAM	50	0	9.80	10.04	9.89		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	10.02	10.02	10.06		
5	QPSK	1	12	9.99	9.98	9.92	11.3	0
5	QPSK	1	24	9.97	9.95	9.91		
5	QPSK	12	0	9.94	9.98	9.98		
5	QPSK	12	7	9.94	10.02	9.90	11.3	0
5	QPSK	12	13	10.01	9.97	10.01		
5	QPSK	25	0	9.91	10.07	9.95		
5	16QAM	1	0	9.96	10.00	10.05		
5	16QAM	1	12	9.97	9.97	9.84	11.3	0
5	16QAM	1	24	9.89	9.81	9.88		
5	16QAM	12	0	9.99	10.06	9.84		
5	16QAM	12	7	9.82	10.05	9.94	11.3	0
5	16QAM	12	13	9.86	9.92	9.91		
5	16QAM	25	0	9.85	9.96	9.91		
5	64QAM	1	0	9.98	9.95	9.96		
5	64QAM	1	12	9.95	9.99	9.95	11.3	0
5	64QAM	1	24	9.90	9.94	9.92		
5	64QAM	12	0	9.93	9.98	9.90		
5	64QAM	12	7	9.78	9.94	9.86	11.3	0
5	64QAM	12	13	9.98	9.97	9.88		
5	64QAM	25	0	9.81	9.92	9.91		
5	256QAM	1	0	9.89	9.99	10.04		
5	256QAM	1	12	9.98	10.01	9.94	11.3	0
5	256QAM	1	24	9.96	9.87	9.93		
5	256QAM	12	0	9.93	9.94	9.94		
5	256QAM	12	7	9.91	10.06	9.88	11.3	0
5	256QAM	12	13	9.94	9.92	9.81		
5	256QAM	25	0	9.87	9.97	9.97		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	10.00	10.08	9.98		
3	QPSK	1	8	10.06	9.98	10.01	11.3	0
3	QPSK	1	14	10.02	9.95	9.99		
3	QPSK	8	0	9.96	10.07	9.92		
3	QPSK	8	4	9.94	9.98	9.90	11.3	0
3	QPSK	8	7	9.98	9.99	9.99		
3	QPSK	15	0	9.96	10.00	9.93		
3	16QAM	1	0	9.98	10.02	10.04		
3	16QAM	1	8	9.92	9.91	9.87	11.3	0
3	16QAM	1	14	9.93	9.83	9.93		
3	16QAM	8	0	9.97	10.07	9.92		
3	16QAM	8	4	9.89	10.06	9.91	11.3	0
3	16QAM	8	7	9.98	9.91	9.93		
3	16QAM	15	0	9.84	10.03	9.85		
3	64QAM	1	0	9.98	9.97	9.92		
3	64QAM	1	8	9.85	9.95	9.93	11.3	0
3	64QAM	1	14	9.97	9.85	9.96		
3	64QAM	8	0	9.93	9.93	9.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.55	16.60	16.48	17.3	0
20	QPSK	1	49	16.51	16.51	16.49		
20	QPSK	1	99	16.57	16.59	16.49		
20	QPSK	50	0	16.45	16.58	16.54		
20	QPSK	50	24	16.53	16.51	16.48		
20	QPSK	50	50	16.50	16.50	16.49		
20	QPSK	100	0	16.48	16.55	16.41		
20	16QAM	1	0	16.50	16.53	16.53		
20	16QAM	1	49	16.43	16.39	16.44	17.3	0
20	16QAM	1	99	16.42	16.55	16.39		
20	16QAM	50	0	16.45	16.51	16.45		
20	16QAM	50	24	16.48	16.36	16.30		
20	16QAM	50	50	16.46	16.48	16.48		
20	16QAM	100	0	16.51	16.48	16.34		
20	64QAM	1	0	16.40	16.47	16.47		
20	64QAM	1	49	16.41	16.41	16.47	17.3	0
20	64QAM	1	99	16.49	16.58	16.37		
20	64QAM	50	0	16.40	16.56	16.44		
20	64QAM	50	24	16.46	16.45	16.41	17.3	0
20	64QAM	50	50	16.48	16.33	16.39		
20	64QAM	100	0	16.35	16.57	16.34		
20	256QAM	1	0	16.51	16.49	16.53		
20	256QAM	1	49	16.43	16.53	16.39	17.3	0
20	256QAM	1	99	16.49	16.57	16.37		
20	256QAM	50	0	16.47	16.57	16.51		
20	256QAM	50	24	16.51	16.38	16.36	17.3	0
20	256QAM	50	50	16.42	16.45	16.45		
20	256QAM	100	0	16.37	16.42	16.37		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.51	16.49	16.48	17.3	0
15	QPSK	1	37	16.49	16.42	16.48		
15	QPSK	1	74	16.54	16.56	16.43		
15	QPSK	36	0	16.38	16.55	16.50		
15	QPSK	36	20	16.49	16.50	16.47		
15	QPSK	36	39	16.38	16.42	16.46		
15	QPSK	75	0	16.42	16.46	16.31		
15	16QAM	1	0	16.40	16.45	16.47		
15	16QAM	1	37	16.39	16.35	16.38	17.3	0
15	16QAM	1	74	16.39	16.45	16.35		
15	16QAM	36	0	16.34	16.42	16.43		
15	16QAM	36	20	16.42	16.26	16.26	17.3	0
15	16QAM	36	39	16.34	16.46	16.45		
15	16QAM	75	0	16.50	16.39	16.23		
15	64QAM	1	0	16.31	16.46	16.36		
15	64QAM	1	37	16.34	16.31	16.38	17.3	0
15	64QAM	1	74	16.48	16.50	16.32		
15	64QAM	36	0	16.39	16.52	16.39		
15	64QAM	36	20	16.35	16.40	16.36	17.3	0
15	64QAM	36	39	16.45	16.28	16.28		
15	64QAM	75	0	16.27	16.55	16.32		
15	256QAM	1	0	16.48	16.47	16.50		
15	256QAM	1	37	16.39	16.43	16.31	17.3	0
15	256QAM	1	74	16.43	16.54	16.30		
15	256QAM	36	0	16.38	16.56	16.43		
15	256QAM	36	20	16.50	16.31	16.33	17.3	0
15	256QAM	36	39	16.35	16.36	16.44		
15	256QAM	75	0	16.29	16.31	16.28		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.43	16.55	16.36	17.3	0
10	QPSK	1	25	16.49	16.48	16.41		
10	QPSK	1	49	16.57	16.48	16.48		
10	QPSK	25	0	16.45	16.57	16.45		
10	QPSK	25	12	16.51	16.46	16.40		
10	QPSK	25	25	16.49	16.47	16.46		
10	QPSK	50	0	16.46	16.46	16.36		
10	16QAM	1	0	16.39	16.44	16.45		
10	16QAM	1	25	16.40	16.32	16.38	17.3	0
10	16QAM	1	49	16.32	16.49	16.30		
10	16QAM	25	0	16.44	16.46	16.38		
10	16QAM	25	12	16.41	16.34	16.23	17.3	0
10	16QAM	25	25	16.41	16.48	16.44		
10	16QAM	50	0	16.49	16.47	16.22		
10	64QAM	1	0	16.32	16.38	16.44		
10	64QAM	1	25	16.34	16.34	16.43	17.3	0
10	64QAM	1	49	16.48	16.52	16.27		
10	64QAM	25	0	16.38	16.50	16.40		
10	64QAM	25	12	16.38	16.36	16.40	17.3	0
10	64QAM	25	25	16.39	16.27	16.39		
10	64QAM	50	0	16.32	16.57	16.29		
10	256QAM	1	0	16.39	16.43	16.52		
10	256QAM	1	25	16.36	16.50	16.28	17.3	0
10	256QAM	1	49	16.43	16.54	16.30		
10	256QAM	25	0	16.43	16.46	16.42		
10	256QAM	25	12	16.39	16.33	16.29	17.3	0
10	256QAM	25	25	16.30	16.37	16.37		
10	256QAM	50	0	16.25	16.39	16.27		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.51	16.56	16.47	17.3	0
5	QPSK	1	12	16.48	16.45	16.48		
5	QPSK	1	24	16.46	16.53	16.46		
5	QPSK	12	0	16.40	16.55	16.47		
5	QPSK	12	7	16.48	16.40	16.38		
5	QPSK	12	13	16.50	16.47	16.47		
5	QPSK	25	0	16.37	16.49	16.34		
5	16QAM	1	0	16.39	16.48	16.34		
5	16QAM	1	12	16.34	16.36	16.38	17.3	0
5	16QAM	1	24	16.41	16.46	16.39		
5	16QAM	12	0	16.39	16.40	16.39		
5	16QAM	12	7	16.36	16.25	16.28	17.3	0
5	16QAM	12	13	16.39	16.41	16.37		
5	16QAM	25	0	16.43	16.47	16.31		
5	64QAM	1	0	16.37	16.46	16.39		
5	64QAM	1	12	16.30	16.38	16.40	17.3	0
5	64QAM	1	24	16.41	16.51	16.26		
5	64QAM	12	0	16.30	16.45	16.35		
5	64QAM	12	7	16.40	16.41	16.32	17.3	0
5	64QAM	12	13	16.44	16.23	16.31		
5	64QAM	25	0	16.24	16.54	16.28		
5	256QAM	1	0	16.43	16.42	16.44		
5	256QAM	1	12	16.32	16.49	16.32	17.3	0
5	256QAM	1	24	16.49	16.51	16.27		
5	256QAM	12	0	16.44	16.55	16.39		
5	256QAM	12	7	16.42	16.32	16.31	17.3	0
5	256QAM	12	13	16.37	16.42	16.38		
5	256QAM	25	0	16.29	16.35	16.35		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	16.58	16.63	16.65	16.60	16.62	17.3	0
20	QPSK	1	49	16.51	16.60	16.58	16.56	16.55		
20	QPSK	1	99	16.52	16.59	16.64	16.52	16.53		
20	QPSK	50	0	16.48	16.54	16.63	16.56	16.57		
20	QPSK	50	24	16.49	16.61	16.55	16.50	16.58		
20	QPSK	50	50	16.52	16.53	16.53	16.57	16.53		
20	QPSK	100	0	16.54	16.55	16.61	16.50	16.57		
20	16QAM	1	0	16.47	16.53	16.54	16.57	16.51		
20	16QAM	1	49	16.49	16.50	16.46	16.47	16.55	17.3	0
20	16QAM	1	99	16.41	16.47	16.57	16.48	16.45		
20	16QAM	50	0	16.38	16.51	16.63	16.54	16.55		
20	16QAM	50	24	16.38	16.58	16.43	16.38	16.53	17.3	0
20	16QAM	50	50	16.47	16.49	16.51	16.54	16.52		
20	16QAM	100	0	16.44	16.55	16.56	16.39	16.50		
20	64QAM	1	0	16.49	16.52	16.56	16.48	16.50		
20	64QAM	1	49	16.50	16.49	16.46	16.51	16.48	17.3	0
20	64QAM	1	99	16.49	16.50	16.62	16.43	16.49		
20	64QAM	50	0	16.37	16.45	16.63	16.48	16.49		
20	64QAM	50	24	16.43	16.58	16.50	16.48	16.47	17.3	0
20	64QAM	50	50	16.51	16.51	16.43	16.46	16.50		
20	64QAM	100	0	16.44	16.44	16.61	16.43	16.55		
20	256QAM	1	0	16.52	16.57	16.60	16.59	16.59		
20	256QAM	1	49	16.41	16.50	16.57	16.48	16.53	17.3	0
20	256QAM	1	99	16.41	16.55	16.64	16.46	16.46		
20	256QAM	50	0	16.38	16.52	16.58	16.53	16.53		
20	256QAM	50	24	16.47	16.51	16.44	16.39	16.47	17.3	0
20	256QAM	50	50	16.47	16.42	16.47	16.53	16.43		
20	256QAM	100	0	16.53	16.45	16.53	16.44	16.48		
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	16.58	16.57	16.61	16.49	16.51	17	0
15	QPSK	1	37	16.50	16.48	16.46	16.46	16.52		
15	QPSK	1	74	16.49	16.50	16.52	16.41	16.47		
15	QPSK	36	0	16.37	16.50	16.57	16.49	16.56		
15	QPSK	36	20	16.47	16.50	16.49	16.49	16.49	17.3	0
15	QPSK	36	39	16.50	16.45	16.49	16.56	16.43		
15	QPSK	75	0	16.51	16.55	16.58	16.40	16.56		
15	16QAM	1	0	16.38	16.49	16.48	16.55	16.45		
15	16QAM	1	37	16.45	16.42	16.35	16.38	16.51	17.3	0
15	16QAM	1	74	16.33	16.41	16.48	16.38	16.33		
15	16QAM	36	0	16.31	16.46	16.53	16.44	16.49		
15	16QAM	36	20	16.37	16.58	16.42	16.28	16.52	17.3	0
15	16QAM	36	39	16.45	16.44	16.48	16.49	16.48		
15	16QAM	75	0	16.36	16.51	16.54	16.29	16.45		
15	64QAM	1	0	16.44	16.45	16.53	16.42	16.41		
15	64QAM	1	37	16.49	16.44	16.40	16.40	16.46	17.3	0
15	64QAM	1	74	16.45	16.40	16.59	16.40	16.47		
15	64QAM	36	0	16.34	16.44	16.55	16.37	16.39		
15	64QAM	36	20	16.35	16.49	16.48	16.45	16.43	17.3	0
15	64QAM	36	39	16.43	16.39	16.33	16.41	16.44		
15	64QAM	75	0	16.40	16.33	16.53	16.37	16.49		
15	256QAM	1	0	16.49	16.46	16.54	16.58	16.54		
15	256QAM	1	37	16.29	16.43	16.50	16.42	16.42	17.3	0
15	256QAM	1	74	16.40	16.48	16.62	16.46	16.40		
15	256QAM	36	0	16.37	16.50	16.52	16.51	16.43		
15	256QAM	36	20	16.41	16.47	16.34	16.38	16.46	17.3	0
15	256QAM	36	39	16.45	16.41	16.47	16.48	16.40		
15	256QAM	75	0	16.49	16.45	16.46	16.34	16.38		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.49	16.58	16.62	16.60	16.57	17	0
10	QPSK	1	25	16.45	16.49	16.53	16.48	16.48		
10	QPSK	1	49	16.49	16.56	16.54	16.48	16.49		
10	QPSK	25	0	16.36	16.53	16.51	16.51	16.51		
10	QPSK	25	12	16.49	16.58	16.52	16.42	16.57	17.3	0
10	QPSK	25	25	16.43	16.49	16.52	16.55	16.41		
10	QPSK	50	0	16.53	16.44	16.57	16.40	16.48		
10	16QAM	1	0	16.36	16.41	16.45	16.51	16.45		
10	16QAM	1	25	16.45	16.49	16.39	16.46	16.55	17.3	0
10	16QAM	1	49	16.33	16.37	16.53	16.40	16.35		
10	16QAM	25	0	16.34	16.50	16.54	16.46	16.43		
10	16QAM	25	12	16.26	16.47	16.35	16.30	16.49	17.3	0
10	16QAM	25	25	16.42	16.40	16.41	16.45	16.44		
10	16QAM	50	0	16.40	16.53	16.47	16.32	16.46		
10	64QAM	1	0	16.47	16.45	16.54	16.37	16.43		
10	64QAM	1	25	16.39	16.40	16.37	16.39	16.46	17.3	0
10	64QAM	1	49	16.49	16.42	16.53	16.38	16.46		
10	64QAM	25	0	16.32	16.36	16.56	16.45	16.41		
10	64QAM	25	12	16.38	16.55	16.43	16.44	16.42	17.3	0
10	64QAM	25	25	16.40	16.41	16.38	16.37	16.45		
10	64QAM	50	0	16.38	16.35	16.53	16.41	16.54		
10	256QAM	1	0	16.52	16.54	16.50	16.54	16.52		
10	256QAM	1	25	16.40	16.39	16.53	16.44	16.45	17.3	0
10	256QAM	1	49	16.36	16.51	16.58	16.37	16.34		
10	256QAM	25	0	16.37	16.43	16.52	16.52	16.50		
10	256QAM	25	12	16.38	16.43	16.40	16.28	16.43	17.3	0
10	256QAM	25	25	16.41	16.38	16.42	16.46	16.32		
10	256QAM	50	0	16.51	16.33	16.45	16.38	16.42		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	16.55	16.54	16.59	16.59	16.60	17	0
5	QPSK	1	12	16.49	16.50	16.55	16.48	16.53		
5	QPSK	1	24	16.43	16.51	16.62	16.51	16.45		
5	QPSK	12	0	16.46	16.53	16.54	16.56	16.53	17.3	0
5	QPSK	12	7	16.38	16.49	16.54	16.43	16.57		
5	QPSK	12	13	16.41	16.49	16.49	16.49	16.50		
5	QPSK	25	0	16.51	16.53	16.50	16.48	16.57		
5	16QAM	1	0	16.44	16.49	16.49	16.56	16.49		
5	16QAM	1	12	16.41	16.46	16.45	16.45	16.52	17.3	0
5	16QAM	1	24	16.31	16.43	16.47	16.38	16.35		
5	16QAM	12	0	16.27	16.42	16.55	16.50	16.47		
5	16QAM	12	7	16.33	16.53	16.35	16.31	16.43	17.3	0
5	16QAM	12	13	16.36	16.46	16.45	16.47	16.51		
5	16QAM	25	0	16.41	16.48	16.50	16.28	16.48		
5	64QAM	1	0	16.44	16.43	16.48	16.45	16.49		
5	64QAM	1	12	16.48	16.42	16.45	16.42	16.40	17.3	0
5	64QAM	1	24	16.38	16.46	16.53	16.43	16.42		
5	64QAM	12	0	16.35	16.42	16.53	16.41	16.42		
5	64QAM	12	7	16.42	16.39	16.40	16.40	16.39	17.3	0
5	64QAM	12	13	16.39	16.43	16.32	16.43	16.39		
5	64QAM	25	0	16.41	16.42	16.55	16.35	16.49		
5	256QAM	1	0	16.43	16.53	16.56	16.57	16.48		
5	256QAM	1	12	16.39	16.50	16.48	16.45	16.53	17.3	0
5	256QAM	1	24	16.39	16.46	16.58	16.42	16.42		
5	256QAM	12	0	16.37	16.52	16.47	16.44	16.50		
5	256QAM	12	7	16.46	16.47	16.36	16.32	16.44	17.3	0
5	256QAM	12	13	16.36	16.38	16.39	16.48	16.33		
5	256QAM	25	0	16.43	16.35	16.52	16.41	16.42		

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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	17.82	17.84	17.90	17.85	17.88	18.9	0
20	QPSK	1	49	17.73	17.78	17.85	17.78	17.82		
20	QPSK	1	99	17.79	17.83	17.86	17.82	17.79		
20	QPSK	50	0	17.76	17.74	17.87	17.85	17.78		
20	QPSK	50	24	17.80	17.73	17.82	17.80	17.80		
20	QPSK	50	50	17.78	17.82	17.84	17.73	17.79		
20	QPSK	100	0	17.75	17.78	17.83	17.80	17.80		
20	16QAM	1	0	17.82	17.72	17.82	17.80	17.87		
20	16QAM	1	49	17.63	17.77	17.84	17.74	17.73	18.9	0
20	16QAM	1	99	17.68	17.74	17.76	17.74	17.78		
20	16QAM	50	0	17.73	17.70	17.78	17.84	17.67		
20	16QAM	50	24	17.77	17.68	17.71	17.75	17.73	18.9	0
20	16QAM	50	50	17.72	17.71	17.80	17.64	17.73		
20	16QAM	100	0	17.70	17.73	17.75	17.78	17.73		
20	64QAM	1	0	17.81	17.81	17.80	17.78	17.82		
20	64QAM	1	49	17.66	17.73	17.82	17.72	17.72	18.9	0
20	64QAM	1	99	17.73	17.73	17.82	17.75	17.68		
20	64QAM	50	0	17.69	17.72	17.76	17.75	17.67		
20	64QAM	50	24	17.72	17.65	17.74	17.70	17.75	18.9	0
20	64QAM	50	50	17.66	17.74	17.78	17.68	17.74		
20	64QAM	100	0	17.74	17.78	17.74	17.70	17.74		
20	256QAM	1	0	17.78	17.78	17.80	17.82	17.87		
20	256QAM	1	49	17.65	17.72	17.77	17.70	17.80	18.9	0
20	256QAM	1	99	17.74	17.78	17.77	17.72	17.75		
20	256QAM	50	0	17.73	17.64	17.82	17.76	17.77		
20	256QAM	50	24	17.77	17.64	17.76	17.79	17.70	18.9	0
20	256QAM	50	50	17.70	17.75	17.80	17.72	17.70		
20	256QAM	100	0	17.72	17.75	17.76	17.76	17.74		
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	17.79	17.81	17.87	17.82	17.80	19	0
15	QPSK	1	37	17.69	17.74	17.74	17.67	17.78		
15	QPSK	1	74	17.74	17.73	17.74	17.76	17.69		
15	QPSK	36	0	17.69	17.72	17.78	17.78	17.74		
15	QPSK	36	20	17.72	17.62	17.72	17.76	17.71	18.9	0
15	QPSK	36	39	17.76	17.79	17.82	17.70	17.68		
15	QPSK	75	0	17.67	17.68	17.83	17.76	17.69		
15	16QAM	1	0	17.82	17.71	17.75	17.73	17.83		
15	16QAM	1	37	17.51	17.68	17.77	17.70	17.73	18.9	0
15	16QAM	1	74	17.66	17.72	17.72	17.64	17.75		
15	16QAM	36	0	17.61	17.67	17.77	17.81	17.64		
15	16QAM	36	20	17.69	17.59	17.60	17.68	17.62	18.9	0
15	16QAM	36	39	17.67	17.60	17.77	17.57	17.70		
15	16QAM	75	0	17.66	17.69	17.63	17.72	17.63		
15	64QAM	1	0	17.76	17.78	17.72	17.70	17.82		
15	64QAM	1	37	17.62	17.69	17.70	17.71	17.63	18.9	0
15	64QAM	1	74	17.69	17.65	17.75	17.73	17.65		
15	64QAM	36	0	17.64	17.69	17.70	17.64	17.63		
15	64QAM	36	20	17.65	17.55	17.73	17.58	17.75	18.9	0
15	64QAM	36	39	17.59	17.68	17.77	17.62	17.63		
15	64QAM	75	0	17.71	17.67	17.63	17.66	17.68		
15	256QAM	1	0	17.73	17.67	17.74	17.75	17.81		
15	256QAM	1	37	17.55	17.72	17.76	17.66	17.75	18.9	0
15	256QAM	1	74	17.74	17.69	17.74	17.60	17.69		
15	256QAM	36	0	17.65	17.53	17.73	17.67	17.70		
15	256QAM	36	20	17.66	17.57	17.67	17.70	17.67	18.9	0
15	256QAM	36	39	17.60	17.72	17.76	17.72	17.61		
15	256QAM	75	0	17.66	17.67	17.75	17.72	17.66		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.75	17.81	17.89	17.83	17.78	19	0
10	QPSK	1	25	17.71	17.74	17.74	17.71	17.76		
10	QPSK	1	49	17.71	17.81	17.79	17.74	17.76		
10	QPSK	25	0	17.73	17.71	17.85	17.75	17.70		
10	QPSK	25	12	17.69	17.78	17.86	17.71	17.71	18.9	0
10	QPSK	25	25	17.68	17.80	17.80	17.68	17.78		
10	QPSK	50	0	17.66	17.75	17.81	17.76	17.71		
10	16QAM	1	0	17.78	17.70	17.73	17.73	17.77		
10	16QAM	1	25	17.63	17.76	17.76	17.73	17.62	18.9	0
10	16QAM	1	49	17.61	17.66	17.70	17.74	17.68		
10	16QAM	25	0	17.63	17.60	17.68	17.79	17.59		
10	16QAM	25	12	17.66	17.65	17.70	17.72	17.62	18.9	0
10	16QAM	25	25	17.72	17.62	17.74	17.59	17.69		
10	16QAM	50	0	17.62	17.62	17.69	17.78	17.73		
10	64QAM	1	0	17.78	17.70	17.74	17.71	17.73		
10	64QAM	1	25	17.54	17.67	17.73	17.65	17.67	18.9

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.93	17.06	16.93		
20	QPSK	1	49	16.91	17.02	16.95	18.1	0
20	QPSK	1	99	16.92	17.01	16.94		
20	QPSK	50	0	16.95	17.05	16.98		
20	QPSK	50	24	17.00	16.95	16.88	18.1	0
20	QPSK	50	50	16.90	16.91	16.85		
20	QPSK	100	0	16.94	16.96	16.89		
20	16QAM	1	0	16.97	16.95	16.95		
20	16QAM	1	49	16.73	17.04	16.82	18.1	0
20	16QAM	1	99	16.86	16.88	16.87		
20	16QAM	50	0	16.89	16.90	16.85		
20	16QAM	50	24	16.89	16.90	16.82	18.1	0
20	16QAM	50	50	16.84	16.84	16.80		
20	16QAM	100	0	16.90	16.89	16.85		
20	64QAM	1	0	16.91	16.88	16.93		
20	64QAM	1	49	16.82	16.87	16.87	18.1	0
20	64QAM	1	99	16.82	16.94	16.82		
20	64QAM	50	0	16.95	17.02	16.84		
20	64QAM	50	24	16.91	16.89	16.79	18.1	0
20	64QAM	50	50	16.78	16.86	16.81		
20	64QAM	100	0	16.92	16.98	16.86		
20	256QAM	1	0	16.94	16.93	16.98		
20	256QAM	1	49	16.84	16.94	16.86	18.1	0
20	256QAM	1	99	16.88	16.85	16.87		
20	256QAM	50	0	16.87	16.99	16.91		
20	256QAM	50	24	16.80	16.81	16.85	18.1	0
20	256QAM	50	50	16.84	16.84	16.86		
20	256QAM	100	0	16.87	16.92	16.85		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.82	17.01	16.91		
15	QPSK	1	37	16.83	16.91	16.88	18.1	0
15	QPSK	1	74	16.81	16.90	16.91		
15	QPSK	36	0	16.85	16.96	16.96		
15	QPSK	36	20	16.96	16.86	16.77	18.1	0
15	QPSK	36	39	16.88	16.91	16.75		
15	QPSK	75	0	16.83	16.91	16.83		
15	16QAM	1	0	16.86	16.83	16.92		
15	16QAM	1	37	16.69	17.03	16.72	18.1	0
15	16QAM	1	74	16.78	16.77	16.81		
15	16QAM	36	0	16.84	16.81	16.83		
15	16QAM	36	20	16.82	16.87	16.74	18.1	0
15	16QAM	36	39	16.81	16.76	16.78		
15	16QAM	75	0	16.84	16.79	16.77		
15	64QAM	1	0	16.81	16.84	16.91		
15	64QAM	1	37	16.75	16.83	16.84	18.1	0
15	64QAM	1	74	16.79	16.84	16.74		
15	64QAM	36	0	16.84	16.99	16.76		
15	64QAM	36	20	16.88	16.80	16.71	18.1	0
15	64QAM	36	39	16.76	16.76	16.74		
15	64QAM	75	0	16.80	16.88	16.83		
15	256QAM	1	0	16.87	16.92	16.88		
15	256QAM	1	37	16.75	16.89	16.76	18.1	0
15	256QAM	1	74	16.79	16.80	16.80		
15	256QAM	36	0	16.86	16.92	16.90		
15	256QAM	36	20	16.69	16.71	16.82	18.1	0
15	256QAM	36	39	16.81	16.81	16.84		
15	256QAM	75	0	16.87	16.89	16.79		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.86	16.95	16.83		
10	QPSK	1	25	16.81	16.94	16.85	18.1	0
10	QPSK	1	49	16.84	16.93	16.89		
10	QPSK	25	0	16.93	16.97	16.86		
10	QPSK	25	12	16.93	16.94	16.81	18.1	0
10	QPSK	25	25	16.88	16.80	16.81		
10	QPSK	50	0	16.87	16.90	16.79		
10	16QAM	1	0	16.88	16.90	16.89		
10	16QAM	1	25	16.72	16.97	16.73	18.1	0
10	16QAM	1	49	16.82	16.85	16.76		
10	16QAM	25	0	16.81	16.83	16.82		
10	16QAM	25	12	16.84	16.80	16.71	18.1	0
10	16QAM	25	25	16.79	16.80	16.76		
10	16QAM	50	0	16.83	16.81	16.77		
10	64QAM	1	0	16.85	16.83	16.83		
10	64QAM	1	25	16.73	16.87	16.87	18.1	0
10	64QAM	1	49	16.70	16.85	16.76		
10	64QAM	25	0	16.95	16.92	16.76		
10	64QAM	25	12	16.84	16.81	16.73	18.1	0
10	64QAM	25	25	16.77	16.76	16.77		
10	64QAM	50	0	16.89	16.88	16.84		
10	256QAM	1	0	16.91	16.87	16.97		
10	256QAM	1	25	16.72	16.85	16.81	18.1	0
10	256QAM	1	49	16.83	16.79	16.76		
10	256QAM	25	0	16.77	16.91	16.82		
10	256QAM	25	12	16.76	16.81	16.81	18.1	0
10	256QAM	25	25	16.76	16.77	16.78		
10	256QAM	50	0	16.87	16.89	16.81		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.92	17.03	16.86		
5	QPSK	1	12	16.79	17.00	16.88	18.1	0
5	QPSK	1	24	16.86	16.96	16.85		
5	QPSK	12	0	16.92	16.98	16.97		
5	QPSK	12	7	16.88	16.94	16.84	18.1	0
5	QPSK	12	13	16.90	16.83	16.81		
5	QPSK	25	0	16.89	16.92	16.83		
5	16QAM	1	0	16.87	16.88	16.92		
5	16QAM	1	12	16.68	17.03	16.75	18.1	0
5	16QAM	1	24	16.85	16.85	16.82		
5	16QAM	12	0	16.87	16.82	16.79		
5	16QAM	12	7	16.80	16.86	16.75	18.1	0
5	16QAM	12	13	16.76	16.90	16.72		
5	16QAM	25	0	16.82	16.87	16.81		
5	64QAM	1	0	16.81	16.79	16.84		
5	64QAM	1	12	16.81	16.78	16.86	18.1	0
5	64QAM	1	24	16.79	16.90	16.80		
5	64QAM	12	0	16.88	16.91	16.72		
5	64QAM	12	7	16.89	16.88	16.69	18.1	0
5	64QAM	12	13	16.77	16.75	16.79		
5	64QAM	25	0	16.88	16.92	16.75		
5	256QAM	1	0	16.90	16.92	16.93		
5	256QAM	1	12	16.84	16.89	16.85	18.1	0
5	256QAM	1	24	16.78	16.78	16.85		
5	256QAM	12	0	16.81	16.98	16.80		
5	256QAM	12	7	16.70	16.80	16.74	18.1	0
5	256QAM	12	13	16.74	16.78	16.83		
5	256QAM	25	0	16.77	16.87	16.81		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.87	17.04	16.90		
3	QPSK	1	8	16.80	16.95	16.94	18.1	0
3	QPSK	1	14	16.91	17.00	16.91		
3	QPSK	8	0	16.88	16.97	16.86		
3	QPSK	8	4	16.91	16.83	16.86	18.1	0
3	QPSK	8	7	16.88	16.88	16.77		
3	QPSK	15	0	16.85	16.89	16.86		
3	16QAM	1	0	16.88	16.87	16.83		
3	16QAM	1	8	16.64	17.02	16.81	18.1	0
3	16QAM	1	14	16.86	16.87	16.75		
3	16QAM	8	0	16.80	16.82	16.82		
3	16QAM	8	4	16.84	16.88	16.70	18.1	0
3	16QAM	8	7	16.73	16.79	16.75		
3	16QAM	15	0	16.86	16.89	16.81		
3	64QAM	1	0	16.90	16.80	16.83		
3	64QAM	1	8	16.79	16.76	16.81	18.1	0
3	64QAM	1	14	16.72	16.89	16.76		
3	64QAM	8	0	16.88	16.93	16.75		
3	64QAM	8	4	16.87	16.83	16.76	18.1	0
3	64QAM	8	7	16.74	16.82	16.78		
3	64QAM	15	0	16.81	16.90	16.78		
3	256QAM	1	0	16.83	16.84	16.92		
3	256QAM	1	8	16.83	16.91	16.83	18.1	0
3	256QAM	1	14	16.80	16.80	16.87		
3	256QAM	8	0	16.86	16.93	16.85		
3	256QAM	8	4	16.69	16.75	16.74	18.1	0
3	256QAM	8	7	16.77	16.80	16.74		
3	256QAM	15	0	16.87	16.83	16.83		
Channel				18607	18900	19192	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.82	17.02	16.81		
1.4	QPSK	1	3	16.88	16.94	16.90		
1.4	QPSK	1	5	16.84	16.90	16.82	18.1	0
1.4	QPSK	3	0	16.91	17.02	16.87		
1.4	QPSK	3	1	16.92	16.90	16.83		
1.4	QPSK	3	3	16.88	16.88	16.77		
1.4	QPSK	6	0	16.93	16.95	16.78	18.1	0
1.4	16QAM	1	0	16.88	16.86	16.87		
1.4	16QAM	1	3	16.73	17.00	16.75		
1.4	16QAM	1	5	16.79	16.78	16.82	18.1	0
1.4	16QAM	3	0	16.85	16.87	16.79		
1.4	16QAM	3	1	16.81	16.84	16.74		
1.4	16QAM	3	3	16.84	16.75	16.77		
1.4	16QAM	6	0	16.88	16.88	16.85	18.1	0
1.4	64QAM	1	0	16.85	16.87	16.90		
1.4	64QAM	1	3	16.78	16.77	16.77		
1.4	64QAM	1	5	16.76	16.87	16.73	18.1	0
1.4	64QAM	3	0	16.83	17.00	16.77		
1.4	64QAM	3	1	16.83	16.84	16.72		
1.4	64QAM	3	3	16.73	16.79	16.69		
1.4	64QAM	6	0	16.81	16.89	16.79	18.1	0
1.4	256QAM	1	0	16.83	16.87	16.92		
1.4	256QAM	1	3	16.74	16.88	16.76		
1.4	256QAM	1	5	16.88	16.77	16.87	18.1	0
1.4	256QAM	3	0	16.84	16.89	16.86		
1.4	256QAM	3	1	16.75	16.70	16.79		
1.4	256QAM	3	3	16.76	16.82	16.82		
1.4	256QAM	6	0	16.79	16.82	16.73	18.1	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.19	17.23	17.16		
20	QPSK	1	49	17.09	17.21	17.17	18.3	0
20	QPSK	1	99	17.11	17.08	17.12		
20	QPSK	50	0	17.09	17.20	17.12		
20	QPSK	50	24	17.12	17.15	17.09	18.3	0
20	QPSK	50	50	17.03	17.17	17.07		
20	QPSK	100	0	17.10	17.18	17.05		
20	16QAM	1	0	17.08	17.19	17.16		
20	16QAM	1	49	17.10	17.18	17.17	18.3	0
20	16QAM	1	99	17.08	17.09	17.10		
20	16QAM	50	0	17.09	17.08	17.17		
20	16QAM	50	24	17.05	17.06	17.05	18.3	0
20	16QAM	50	50	17.03	17.04	17.00		
20	16QAM	100	0	17.08	17.06	17.02		
20	64QAM	1	0	17.19	17.10	17.02		
20	64QAM	1	49	17.07	17.01	17.10	18.3	0
20	64QAM	1	99	17.04	17.05	17.07		
20	64QAM	50	0	17.03	17.14	17.12		
20	64QAM	50	24	17.10	17.09	16.99	18.3	0
20	64QAM	50	50	16.96	17.19	17.04		
20	64QAM	100	0	17.15	17.15	16.96		
20	256QAM	1	0	17.07	17.14	17.04		
20	256QAM	1	49	17.04	17.10	17.16	18.3	0
20	256QAM	1	99	17.07	17.00	17.10		
20	256QAM	50	0	17.12	17.12	17.04		
20	256QAM	50	24	17.13	17.17	17.06	18.3	0
20	256QAM	50	50	17.00	17.09	17.01		
20	256QAM	100	0	17.10	17.22	16.99		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.16	17.16	17.09		
15	QPSK	1	37	17.04	17.10	17.13	18.3	0
15	QPSK	1	74	17.09	17.04	17.05		
15	QPSK	36	0	17.01	17.16	17.05		
15	QPSK	36	20	17.10	17.04	16.97	18.3	0
15	QPSK	36	39	16.97	17.07	17.00		
15	QPSK	75	0	17.12	17.17	16.94		
15	16QAM	1	0	16.99	17.16	17.15		
15	16QAM	1	37	17.10	17.12	17.16	18.3	0
15	16QAM	1	74	17.06	17.08	17.09		
15	16QAM	36	0	16.99	17.01	17.15		
15	16QAM	36	20	17.04	17.02	17.01	18.3	0
15	16QAM	36	39	16.92	17.02	16.98		
15	16QAM	75	0	17.01	17.01	17.01		
15	64QAM	1	0	17.17	17.10	16.92		
15	64QAM	1	37	16.96	16.98	16.99	18.3	0
15	64QAM	1	74	17.02	17.02	17.01		
15	64QAM	36	0	17.02	17.10	17.01		
15	64QAM	36	20	17.00	16.97	16.99	18.3	0
15	64QAM	36	39	16.93	17.08	16.92		
15	64QAM	75	0	17.08	17.09	16.91		
15	256QAM	1	0	17.02	17.03	16.92		
15	256QAM	1	37	16.99	17.05	17.07	18.3	0
15	256QAM	1	74	17.02	16.94	17.07		
15	256QAM	36	0	17.06	17.08	17.00		
15	256QAM	36	20	17.04	17.15	17.03	18.3	0
15	256QAM	36	39	16.96	16.91	16.98		
15	256QAM	75	0	17.07	17.19	16.88		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.14	17.17	17.12		
10	QPSK	1	25	17.03	17.09	17.09	18.3	0
10	QPSK	1	49	17.07	17.05	17.04		
10	QPSK	25	0	17.05	17.16	17.10		
10	QPSK	25	12	17.03	17.13	17.01	18.3	0
10	QPSK	25	25	16.92	17.12	16.98		
10	QPSK	50	0	17.13	17.17	16.94		
10	16QAM	1	0	17.03	17.16	17.07		
10	16QAM	1	25	17.02	17.08	17.11	18.3	0
10	16QAM	1	49	17.03	17.00	17.00		
10	16QAM	25	0	17.02	17.05	17.16		
10	16QAM	25	12	17.03	17.00	16.99	18.3	0
10	16QAM	25	25	16.94	16.97	16.94		
10	16QAM	50	0	17.06	17.00	16.96		
10	64QAM	1	0	17.08	17.09	16.95		
10	64QAM	1	25	17.05	16.98	17.06	18.3	0
10	64QAM	1	49	17.04	17.02	17.01		
10	64QAM	25	0	16.97	17.08	17.07		
10	64QAM	25	12	17.00	17.01	16.93	18.3	0
10	64QAM	25	25	16.87	17.13	17.03		
10	64QAM	50	0	17.05	17.06	16.86		
10	256QAM	1	0	16.97	17.04	16.96		
10	256QAM	1	25	16.99	17.02	17.10	18.3	0
10	256QAM	1	49	17.03	16.90	17.01		
10	256QAM	25	0	17.11	17.04	17.00		
10	256QAM	25	12	17.01	17.06	17.01	18.3	0
10	256QAM	25	25	16.98	16.88	16.92		
10	256QAM	50	0	17.01	17.14	16.97		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.17	17.15	17.04		
5	QPSK	1	12	17.07	17.20	17.16	18.3	0
5	QPSK	1	24	17.00	17.04	17.10		
5	QPSK	12	0	17.03	17.17	17.02		
5	QPSK	12	7	17.04	17.05	17.09	18.3	0
5	QPSK	12	13	16.93	17.07	16.95		
5	QPSK	25	0	17.04	17.16	17.04		
5	16QAM	1	0	17.06	17.09	17.15		
5	16QAM	1	12	17.06	17.18	17.16	18.3	0
5	16QAM	1	24	17.01	17.07	16.99		
5	16QAM	12	0	16.98	17.01	17.11		
5	16QAM	12	7	16.99	17.00	17.01	18.3	0
5	16QAM	12	13	17.02	17.00	16.94		
5	16QAM	25	0	17.02	16.99	16.90		
5	64QAM	1	0	17.16	17.04	16.90		
5	64QAM	1	12	17.07	16.93	17.08	18.3	0
5	64QAM	1	24	16.99	16.96	17.03		
5	64QAM	12	0	16.96	17.13	17.12		
5	64QAM	12	7	17.09	16.99	16.91	18.3	0
5	64QAM	12	13	16.93	17.11	16.98		
5	64QAM	25	0	17.07	17.10	16.95		
5	256QAM	1	0	17.05	17.06	17.03		
5	256QAM	1	12	17.00	16.98	17.13	18.3	0
5	256QAM	1	24	17.04	16.91	17.03		
5	256QAM	12	0	17.07	17.08	16.95		
5	256QAM	12	7	17.07	17.13	17.02	18.3	0
5	256QAM	12	13	16.92	16.93	16.94		
5	256QAM	25	0	17.08	17.18	16.88		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.15	17.21	17.14		
3	QPSK	1	8	17.00	17.14	17.08	18.3	0
3	QPSK	1	14	17.04	17.06	17.12		
3	QPSK	8	0	17.02	17.13	17.09		
3	QPSK	8	4	17.06	17.07	16.99	18.3	0
3	QPSK	8	7	17.00	17.07	16.96		
3	QPSK	15	0	17.07	17.07	16.95		
3	16QAM	1	0	17.01	17.09	17.15		
3	16QAM	1	8	17.06	17.12	17.09	18.3	0
3	16QAM	1	14	16.97	17.01	17.05		
3	16QAM	8	0	17.09	17.01	17.10		
3	16QAM	8	4	16.99	17.01	17.01	18.3	0
3	16QAM	8	7	16.92	16.98	16.96		
3	16QAM	15	0	16.98	16.96	16.91		
3	64QAM	1	0	17.19	17.03	16.90		
3	64QAM	1	8	16.97	16.92	17.10	18.3	0
3	64QAM	1	14	16.95	16.96	17.03		
3	64QAM	8	0	16.91	17.08	17.06		
3	64QAM	8	4	17.08	17.01	16.90	18.3	0
3	64QAM	8	7	16.93	17.19	17.02		
3	64QAM	15	0	17.10	17.04	16.92		
3	256QAM	1	0	17.01	17.09	17.00		
3	256QAM	1	8	16.98	17.01	17.08	18.3	0
3	256QAM	1	14	16.96	16.96	17.03		
3	256QAM	8	0	17.09	17.10	17.02		
3	256QAM	8	4	17.09	17.10	17.03	18.3	0
3	256QAM	8	7	16.96	16.96	16.91		
3	256QAM	15	0	17.09	17.15	16.88		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.11	17.22	17.13		
1.4	QPSK	1	3	17.06	17.17	17.14		
1.4	QPSK	1	5	17.01	17.06	17.04	18.3	0
1.4	QPSK	3	0	17.01	17.08	17.02		
1.4	QPSK	3	1	17.05	17.05	17.02		
1.4	QPSK	3	3	16.92	17.12	17.06		
1.4	QPSK	6	0	17.07	17.13	16.99	18.3	0
1.4	16QAM	1	0	17.02	17.07	17.07		
1.4	16QAM	1	3	16.99	17.16	17.13		
1.4	16QAM	1	5	17.04	16.98	16.98	18.3	0
1.4	16QAM	3	0	17.00	17.02	17.08		
1.4	16QAM	3	1	16.99	16.96	16.95		
1.4	16QAM	3	3	17.01	16.94	16.92		
1.4	16QAM	6	0	17.00	17.05	16.91	18.3	0
1.4	64QAM	1	0	17.10	17.05	16.99		
1.4	64QAM	1	3	16.97	17.00	17.05		
1.4	64QAM	1	5	16.93	17.01	17.07	18.3	0
1.4	64QAM	3	0	17.00	17.04	17.06		
1.4	64QAM	3	1	17.07	16.98	16.94		
1.4	64QAM	3	3	16.87	17.13	16.92		
1.4	64QAM	6	0	17.13	17.09	16.92	18.3	0
1.4	256QAM	1	0	17.00	17.07	16.97		
1.4	256QAM	1	3	16.97	17.03	17.06		
1.4	256QAM	1	5	17.00	16.90	17.06	18.3	0
1.4	256QAM	3	0	17.03	17.08	16.92		
1.4	256QAM	3	1	17.06	17.07	16.99		
1.4	256QAM	3	3	17.00	16.89	16.92		
1.4	256QAM	6	0	16.99	17.12	16.97	18.3	0

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BW [MHz]	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	13.80	13.85	13.81		
20	QPSK	1	49	13.70	13.79	13.71	15.2	0
20	QPSK	1	99	13.75	13.74	13.74		
20	QPSK	50	0	13.73	13.79	13.72		
20	QPSK	50	24	13.72	13.77	13.78	15.2	0
20	QPSK	50	50	13.72	13.74	13.73		
20	QPSK	100	0	13.72	13.75	13.74		
20	16QAM	1	0	13.72	13.74	13.76		
20	16QAM	1	49	13.61	13.69	13.63	15.2	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				26140	26340	26599		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	17.03	17.08	17.05	18.1	0
20	QPSK	1	49	16.94	17.07	16.97		
20	QPSK	1	99	16.97	17.02	17.02		
20	QPSK	50	0	17.03	17.06	16.98		
20	QPSK	50	24	17.03	16.96	16.96	18.1	0
20	QPSK	50	50	16.97	16.96	16.94		
20	QPSK	100	0	16.98	17.02	16.97		
20	16QAM	1	0	16.97	17.02	17.05	18.1	0
20	16QAM	1	49	16.82	17.06	16.91		
20	16QAM	1	99	16.94	16.97	16.95		
20	16QAM	50	0	16.97	17.00	16.87	18.1	0
20	16QAM	50	24	16.97	16.92	16.89		
20	16QAM	50	50	16.90	16.93	16.85		
20	16QAM	100	0	16.95	16.97	16.88		
20	64QAM	1	0	16.97	16.97	16.96	18.1	0
20	64QAM	1	49	16.89	16.98	16.93		
20	64QAM	1	99	16.89	17.02	16.93		
20	64QAM	50	0	17.01	17.06	16.93	18.1	0
20	64QAM	50	24	16.92	16.91	16.86		
20	64QAM	50	50	16.90	16.87	16.91		
20	64QAM	100	0	16.94	17.00	16.87		
20	256QAM	1	0	17.01	17.02	17.01	18.1	0
20	256QAM	1	49	16.86	17.04	16.97		
20	256QAM	1	99	16.92	16.94	16.97		
20	256QAM	50	0	16.91	17.03	16.96	18.1	0
20	256QAM	50	24	16.92	16.89	16.89		
20	256QAM	50	50	16.89	16.87	16.90		
20	256QAM	100	0	16.90	16.98	16.88		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	16.94	17.04	16.96	18.1	0
15	QPSK	1	37	16.82	16.98	16.89		
15	QPSK	1	74	16.94	17.01	17.00		
15	QPSK	36	0	16.97	16.95	16.94	18.1	0
15	QPSK	36	20	16.93	16.90	16.93		
15	QPSK	36	39	16.86	16.95	16.93		
15	QPSK	75	0	16.95	16.93	16.90		
15	16QAM	1	0	16.85	17.02	16.98	18.1	0
15	16QAM	1	37	16.75	16.94	16.88		
15	16QAM	1	74	16.87	16.95	16.91		
15	16QAM	36	0	16.86	16.89	16.87	18.1	0
15	16QAM	36	20	16.93	16.90	16.79		
15	16QAM	36	39	16.82	16.91	16.79		
15	16QAM	75	0	16.95	16.88	16.78		
15	64QAM	1	0	16.92	16.91	16.94	18.1	0
15	64QAM	1	37	16.87	16.91	16.90		
15	64QAM	1	74	16.87	16.96	16.91		
15	64QAM	36	0	16.91	17.00	16.88	18.1	0
15	64QAM	36	20	16.87	16.85	16.84		
15	64QAM	36	39	16.78	16.86	16.81		
15	64QAM	75	0	16.89	16.98	16.84		
15	256QAM	1	0	16.93	17.01	16.97	18.1	0
15	256QAM	1	37	16.81	16.93	16.94		
15	256QAM	1	74	16.81	16.88	16.94		
15	256QAM	36	0	16.80	17.01	16.84	18.1	0
15	256QAM	36	20	16.89	16.86	16.84		
15	256QAM	36	39	16.86	16.75	16.82		
15	256QAM	75	0	16.90	16.94	16.82		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	16.92	16.99	17.02	18.1	0
10	QPSK	1	25	16.93	17.06	16.87		
10	QPSK	1	49	16.86	17.00	16.99		
10	QPSK	25	0	16.92	17.02	16.98	18.1	0
10	QPSK	25	12	16.96	16.91	16.94		
10	QPSK	25	25	16.95	16.86	16.90		
10	QPSK	50	0	16.98	16.95	16.88		
10	16QAM	1	0	16.95	16.92	16.93	18.1	0
10	16QAM	1	25	16.82	16.96	16.87		
10	16QAM	1	49	16.83	16.85	16.94		
10	16QAM	25	0	16.95	16.97	16.77	18.1	0
10	16QAM	25	12	16.85	16.90	16.78		
10	16QAM	25	25	16.80	16.86	16.76		
10	16QAM	50	0	16.85	16.88	16.77		
10	64QAM	1	0	16.86	16.91	16.95	18.1	0
10	64QAM	1	25	16.77	16.89	16.91		
10	64QAM	1	49	16.81	17.02	16.89		
10	64QAM	25	0	16.99	17.01	16.90	18.1	0
10	64QAM	25	12	16.80	16.90	16.85		
10	64QAM	25	25	16.79	16.85	16.81		
10	64QAM	50	0	16.91	16.96	16.83		
10	256QAM	1	0	16.93	16.97	16.93	18.1	0
10	256QAM	1	25	16.78	16.93	16.94		
10	256QAM	1	49	16.86	16.85	16.96		
10	256QAM	25	0	16.81	16.95	16.94	18.1	0
10	256QAM	25	12	16.67	16.85	16.83		
10	256QAM	25	25	16.80	16.79	16.79		
10	256QAM	50	0	16.85	16.89	16.81		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	16.91	16.99	17.04	18.1	0
5	QPSK	1	12	16.84	17.01	16.96		
5	QPSK	1	24	16.86	16.91	16.91		
5	QPSK	12	0	16.96	17.06	16.94	18.1	0
5	QPSK	12	7	16.95	16.96	16.88		
5	QPSK	12	13	16.93	16.88	16.90		
5	QPSK	25	0	16.94	16.99	16.86		
5	16QAM	1	0	16.94	16.91	17.03	18.1	0
5	16QAM	1	12	16.79	16.96	16.88		
5	16QAM	1	24	16.84	16.96	16.87		
5	16QAM	12	0	16.91	16.91	16.86	18.1	0
5	16QAM	12	7	16.90	16.84	16.80		
5	16QAM	12	13	16.87	16.84	16.74		
5	16QAM	25	0	16.83	16.92	16.88		
5	64QAM	1	0	16.88	16.91	16.85	18.1	0
5	64QAM	1	12	16.84	16.98	16.82		
5	64QAM	1	24	16.89	16.96	16.90		
5	64QAM	12	0	16.99	17.01	16.91	18.1	0
5	64QAM	12	7	16.90	16.84	16.77		
5	64QAM	12	13	16.85	16.79	16.79		
5	64QAM	25	0	16.92	16.96	16.76		
5	256QAM	1	0	16.91	17.00	16.98	18.1	0
5	256QAM	1	12	16.75	16.97	16.92		
5	256QAM	1	24	16.87	16.89	16.90		
5	256QAM	12	0	16.81	17.01	16.86	18.1	0
5	256QAM	12	7	16.82	16.77	16.86		
5	256QAM	12	13	16.78	16.78	16.84		
5	256QAM	25	0	16.82	16.91	16.86		
Channel				26055	26340	26625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	17.00	16.97	16.99	18.1	0
3	QPSK	1	8	16.84	17.02	16.89		
3	QPSK	1	14	16.91	16.96	16.98		
3	QPSK	8	0	16.92	17.02	16.95	18.1	0
3	QPSK	8	4	16.95	16.84	16.93		
3	QPSK	8	7	16.85	16.95	16.90		
3	QPSK	15	0	16.95	16.92	16.85		
3	16QAM	1	0	16.86	16.99	17.05	18.1	0
3	16QAM	1	8	16.72	16.96	16.89		
3	16QAM	1	14	16.89	16.85	16.91		
3	16QAM	8	0	16.97	16.93	16.83	18.1	0
3	16QAM	8	4	16.88	16.84	16.79		
3	16QAM	8	7	16.80	16.93	16.80		
3	16QAM	15	0	16.86	16.95	16.83		
3	64QAM	1	0	16.97	16.85	16.96	18.1	0
3	64QAM	1	8	16.83	16.96	16.83		
3	64QAM	1	14	16.81	16.92	16.83		
3	64QAM	8	0	16.92	16.98	16.82	18.1	0
3	64QAM	8	4	16.80	16.80	16.80		
3	64QAM	8	7	16.82	16.75	16.83		
3	64QAM	15	0	16.84	16.88	16.78		
3	256QAM	1	0	16.94	16.94	16.98	18.1	0
3	256QAM	1	8	16.82	17.03	16.90		
3	256QAM	1	14	16.86	16.85	16.97		
3	256QAM	8	0	16.85	16.99	16.93	18.1	0
3	256QAM	8	4	16.91	16.89	16.79		
3	256QAM	8	7	16.81	16.85	16.79		
3	256QAM	15	0	16.84	16.88	16.84		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	16.95	17.02	16.98	18.1	0
1.4	QPSK	1	3	16.89	17.05	16.86		
1.4	QPSK	1	5	16.95	16.93	16.97		
1.4	QPSK	3	0	16.94	17.03	16.96		
1.4	QPSK	3	1	16.93	16.86	16.89		
1.4	QPSK	3	3	16.92	16.90	16.83		
1.4	QPSK	6	0	16.93	16.97	16.95	18.1	0
1.4	16QAM	1	0	16.86	17.01	16.99	18.1	0
1.4	16QAM	1	3	16.79	17.05	16.91		
1.4	16QAM	1	5	16.88	16.93	16.83		
1.4	16QAM	3	0	16.85	16.98	16.84		
1.4	16QAM	3	1	16.90	16.85	16.88		
1.4	16QAM	3	3	16.89	16.85	16.73		
1.4	16QAM	6	0	16.84	16.97	16.78	18.1	0
1.4	64QAM	1	0	16.90	16.96	16.86	18.1	0
1.4	64QAM	1	3	16.77	16.93	16.89		
1.4	64QAM	1	5	16.78	17.01	16.84		
1.4	64QAM	3	0	16.97	17.02	16.87		
1.4	64QAM	3	1	16.89	16.88	16.78		
1.4	64QAM	3	3	16.85	16.79	16.90		
1.4	64QAM	6	0	16.89	17.00	16.81	18.1	0
1.4	256QAM	1	0	16.93	16.94	16.93	18.1	0
1.4	256QAM	1	3	16.80	17.01	16.87		
1.4	256QAM	1	5	16.91	16.90	16.94		
1.4	256QAM	3	0	16.83	17.00	16.87		
1.4	256QAM	3	1	16.88	16.82	16.82		
1.4	256QAM	3	3	16.78	16.77	16.88		
1.4	256QAM	6	0	16.88	16.88	16.80	18.1	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		18.02		19.3	0
10	QPSK	1	25		17.98			
10	QPSK	1	49		17.95			
10	QPSK	25	0		17.97		19.3	0
10	QPSK	25	12		17.89			
10	QPSK	25	25		17.94			
10	QPSK	50	0		17.92			
10	16QAM	1	0		17.91		19.3	0
10	16QAM	1	25		17.91			
10	16QAM	1	49		17.94			
10	16QAM	25	0		17.95		19.3	0
10	16QAM	25	12		17.78			
10	16QAM	25	25		17.94			
10	16QAM	50	0		17.89			
10	64QAM	1	0		17.92		19.3	0
10	64QAM	1	25		17.88			
10	64QAM	1	49		17.88			
10	64QAM	25	0		17.87		19.3	0
10	64QAM	25	12		17.86			
10	64QAM	25	25		17.91			
10	64QAM	50	0		17.80			
10	256QAM	1	0		17.92		19	0.3
10	256QAM	1	25		17.91			
10	256QAM	1	49		17.94			
10	256QAM	25	0		17.91		19	0.3
10	256QAM	25	12		17.83			
10	256QAM	25	25		17.93			
10	256QAM	50	0		17.82			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	17.92	17.99	17.98	19.3	0
5	QPSK	1	12	17.95	17.87	17.87		
5	QPSK	1	24	17.94	17.85	17.88		
5	QPSK	12	0	17.97	17.90	17.87	19.3	0
5	QPSK	12	7	17.80	17.87	17.87		
5	QPSK	12	13	17.93	17.91	17.91		
5	QPSK	25	0	17.85	17.91	17.89		
5	16QAM	1	0	17.84	17.89	17.80	19.3	0
5	16QAM	1	12	17.91	17.87	17.82		
5	16QAM	1	24	17.86	17.84	17.84		
5	16QAM	12	0	17.85	17.88	17.93	19.3	0
5	16QAM	12	7	17.69	17.71	17.68		
5	16QAM	12	13	17.91	17.83	17.88		
5	16QAM	25	0	17.83	17.88	17.86		
5	64QAM	1	0	17.85	17.84	17.85	19.3	0
5	64QAM	1	12	17.87	17.77	17.80		
5	64QAM	1	24	17.82	17.85	17.80		
5	64QAM	12	0	17.86	17.79	17.85	19.3	0
5	64QAM	12	7	17.84	17.79	17.78		
5	64QAM	12	13	17.85	17.88	17.81		
5	64QAM	25	0	17.74	17.77	17.77	19	0.3
5	256QAM	1	0	17.86	17.92	17.88		
5	256QAM	1	12	17.79	17.80	17.88		
5	256QAM	1	24	17.93	17.87	17.84		
5	256QAM	12	0	17.89	17.83	17.82	19	0.3
5	256QAM	12	7	17.77	17.78	17.71		
5	256QAM	12	13	17.91	17.82	17.84		
5	256QAM	25	0	17.78	17.80	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.25	17.30	17.23	18.3	0
20	QPSK	1	49	17.15	17.23	17.22		
20	QPSK	1	99	17.19	17.18	17.21		
20	QPSK	50	0	17.19	17.26	17.20		
20	QPSK	50	24	17.17	17.22	17.13	18.3	0
20	QPSK	50	50	17.14	17.20	17.14		
20	QPSK	100	0	17.23	17.25	17.11		
20	16QAM	1	0	17.19	17.22	17.23	18.3	0
20	16QAM	1	49	17.11	17.20	17.20		
20	16QAM	1	99	17.15	17.14	17.11		
20	16QAM	50	0	17.19	17.15	17.17	18.3	0
20	16QAM	50	24	17.16	17.14	17.07		
20	16QAM	50	50	17.06	17.10	17.11		
20	16QAM	100	0	17.17	17.18	17.05		
20	64QAM	1	0	17.25	17.20	17.13	18.3	0
20	64QAM	1	49	17.07	17.11	17.20		
20	64QAM	1	99	17.11	17.15	17.11		
20	64QAM	50	0	17.09	17.20	17.17	18.3	0
20	64QAM	50	24	17.10	17.19	17.06		
20	64QAM	50	50	17.03	17.19	17.07		
20	64QAM	100	0	17.20	17.25	17.05		
20	256QAM	1	0	17.14	17.22	17.15	18.3	0
20	256QAM	1	49	17.05	17.22	17.17		
20	256QAM	1	99	17.11	17.11	17.19		
20	256QAM	50	0	17.16	17.16	17.15	18.3	0
20	256QAM	50	24	17.16	17.18	17.11		
20	256QAM	50	50	17.03	17.12	17.12		
20	256QAM	100	0	17.16	17.23	17.02		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.17	17.28	17.21	18.3	0
15	QPSK	1	37	17.11	17.18	17.16		
15	QPSK	1	74	17.09	17.14	17.14		
15	QPSK	36	0	17.16	17.22	17.14	18.3	0
15	QPSK	36	20	17.12	17.11	17.04		
15	QPSK	36	39	17.12	17.17	17.03		
15	QPSK	75	0	17.18	17.19	17.00		
15	16QAM	1	0	17.14	17.15	17.13	18.3	0
15	16QAM	1	37	17.10	17.16	17.14		
15	16QAM	1	74	17.06	17.03	17.01		
15	16QAM	36	0	17.08	17.09	17.11	18.3	0
15	16QAM	36	20	17.06	17.03	16.98		
15	16QAM	36	39	16.95	17.03	17.02		
15	16QAM	75	0	17.08	17.07	16.95		
15	64QAM	1	0	17.19	17.10	17.02	18.3	0
15	64QAM	1	37	17.06	17.06	17.09		
15	64QAM	1	74	17.09	17.11	17.07		
15	64QAM	36	0	17.01	17.11	17.08	18.3	0
15	64QAM	36	20	17.10	17.13	17.00		
15	64QAM	36	39	16.99	17.10	16.98		
15	64QAM	75	0	17.13	17.23	17.05		
15	256QAM	1	0	17.08	17.14	17.11	18.3	0
15	256QAM	1	37	16.99	17.13	17.12		
15	256QAM	1	74	17.08	17.04	17.13		
15	256QAM	36	0	17.08	17.16	17.07	18.3	0
15	256QAM	36	20	17.13	17.11	17.10		
15	256QAM	36	39	17.03	17.11	17.03		
15	256QAM	75	0	17.14	17.15	16.95		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.15	17.25	17.18	18.3	0
10	QPSK	1	25	17.04	17.22	17.12		
10	QPSK	1	49	17.14	17.10	17.21		
10	QPSK	25	0	17.12	17.16	17.11	18.3	0
10	QPSK	25	12	17.16	17.19	17.03		
10	QPSK	25	25	17.03	17.15	17.07		
10	QPSK	50	0	17.21	17.23	17.01		
10	16QAM	1	0	17.17	17.19	17.19	18.3	0
10	16QAM	1	25	17.07	17.16	17.10		
10	16QAM	1	49	17.08	17.10	17.07		
10	16QAM	25	0	17.12	17.09	17.10	18.3	0
10	16QAM	25	12	17.09	17.11	17.06		
10	16QAM	25	25	17.05	17.03	17.02		
10	16QAM	50	0	17.05	17.08	17.04		
10	64QAM	1	0	17.23	17.12	17.13	18.3	0
10	64QAM	1	25	16.95	17.04	17.13		
10	64QAM	1	49	17.05	17.06	17.00		
10	64QAM	25	0	17.09	17.20	17.12	18.3	0
10	64QAM	25	12	17.07	17.14	16.99		
10	64QAM	25	25	16.93	17.19	16.96		
10	64QAM	50	0	17.15	17.17	16.97		
10	256QAM	1	0	17.10	17.20	17.03	18.3	0
10	256QAM	1	25	17.01	17.17	17.08		
10	256QAM	1	49	17.03	17.02	17.16		
10	256QAM	25	0	17.10	17.11	17.12	18.3	0
10	256QAM	25	12	17.11	17.08	17.03		
10	256QAM	25	25	16.97	17.01	17.01		
10	256QAM	50	0	17.12	17.17	17.01		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.15	17.22	17.22	18.3	0
5	QPSK	1	12	17.06	17.14	17.14		
5	QPSK	1	24	17.12	17.09	17.11		
5	QPSK	12	0	17.09	17.17	17.18	18.3	0
5	QPSK	12	7	17.15	17.20	17.12		
5	QPSK	12	13	17.03	17.10	17.08		
5	QPSK	25	0	17.22	17.15	17.04		
5	16QAM	1	0	17.12	17.15	17.16	18.3	0
5	16QAM	1	12	17.10	17.12	17.18		
5	16QAM	1	24	17.08	17.06	17.00		
5	16QAM	12	0	17.14	17.04	17.08	18.3	0
5	16QAM	12	7	17.10	17.11	16.96		
5	16QAM	12	13	16.98	17.08	17.09		
5	16QAM	25	0	17.16	17.12	16.96		
5	64QAM	1	0	17.19	17.13	17.01	18.3	0
5	64QAM	1	12	17.03	17.02	17.16		
5	64QAM	1	24	17.06	17.10	17.07		
5	64QAM	12	0	17.02	17.17	17.09	18.3	0
5	64QAM	12	7	17.07	17.16	17.00		
5	64QAM	12	13	16.97	17.07	16.99		
5	64QAM	25	0	17.12	17.23	16.95		
5	256QAM	1	0	17.13	17.20	17.06	18.3	0
5	256QAM	1	12	16.94	17.13	17.08		
5	256QAM	1	24	17.06	17.02	17.18		
5	256QAM	12	0	17.16	17.08	17.11	18.3	0
5	256QAM	12	7	17.14	17.09	17.03		
5	256QAM	12	13	17.03	17.08	17.08		
5	256QAM	25	0	17.08	17.15	16.92		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.23	17.28	17.14	18.3	0
3	QPSK	1	8	17.05	17.17	17.17		
3	QPSK	1	14	17.13	17.11	17.15		
3	QPSK	8	0	17.12	17.21	17.09	18.3	0
3	QPSK	8	4	17.07	17.18	17.02		
3	QPSK	8	7	17.09	17.13	17.07		
3	QPSK	15	0	17.22	17.19	17.09		
3	16QAM	1	0	17.10	17.13	17.19	18.3	0
3	16QAM	1	8	17.04	17.12	17.11		
3	16QAM	1	14	17.12	17.02	17.00		
3	16QAM	8	0	17.08	17.14	17.08	18.3	0
3	16QAM	8	4	17.12	17.11	17.00		
3	16QAM	8	7	17.06	17.01	17.03		
3	16QAM	15	0	17.12	17.12	17.03		
3	64QAM	1	0	17.19	17.17	17.05	18.3	0
3	64QAM	1	8	16.99	17.09	17.09		
3	64QAM	1	14	17.04	17.09	17.04		
3	64QAM	8	0	17.06	17.11	17.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2586	2596	2610		
20	QPSK	1	0	16.04	16.10	16.05	16.9	0
20	QPSK	1	49	16.04	16.13	15.99		
20	QPSK	1	99	15.96	15.95	16.03		
20	QPSK	50	0	16.00	16.11	16.00	16.9	0
20	QPSK	50	24	15.90	16.02	16.01		
20	QPSK	50	50	15.90	16.06	16.09		
20	QPSK	100	0	15.98	15.99	15.93		
20	16QAM	1	0	16.04	15.99	16.00	16.9	0
20	16QAM	1	49	16.05	15.98	15.87		
20	16QAM	1	99	15.93	15.89	16.00		
20	16QAM	50	0	15.89	16.00	16.01	16.9	0
20	16QAM	50	24	15.87	16.00	16.04		
20	16QAM	50	50	15.93	15.97	15.98		
20	16QAM	100	0	15.98	15.95	15.87		
20	64QAM	1	0	16.09	16.08	16.01	16.9	0
20	64QAM	1	49	16.04	16.07	15.91		
20	64QAM	1	99	15.90	15.96	15.91		
20	64QAM	50	0	15.93	15.96	16.00	16.9	0
20	64QAM	50	24	15.87	15.89	16.04		
20	64QAM	50	50	15.82	15.96	16.04		
20	64QAM	100	0	15.89	16.01	15.94		
20	256QAM	1	0	15.95	15.96	16.07	16.9	0
20	256QAM	1	49	15.96	16.02	15.91		
20	256QAM	1	99	15.88	15.92	15.98		
20	256QAM	50	0	15.82	15.98	16.06	16.9	0
20	256QAM	50	24	15.78	16.03	15.88		
20	256QAM	50	50	15.96	16.00	16.05		
20	256QAM	100	0	15.95	15.97	15.94		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	16.04	16.09	16.03	16.9	0
15	QPSK	1	37	15.92	16.03	15.94		
15	QPSK	1	74	15.86	15.92	15.96		
15	QPSK	36	0	15.89	16.05	15.96	16.9	0
15	QPSK	36	20	15.82	15.94	15.99		
15	QPSK	36	39	15.80	16.02	15.98		
15	QPSK	75	0	15.88	15.90	15.90		
15	16QAM	1	0	15.96	15.89	15.95	16.9	0
15	16QAM	1	37	16.03	15.89	15.75		
15	16QAM	1	74	15.87	15.88	15.90		
15	16QAM	36	0	15.89	15.92	15.93	16.9	0
15	16QAM	36	20	15.77	15.89	15.97		
15	16QAM	36	39	15.90	15.85	15.92		
15	16QAM	75	0	15.94	15.84	15.85		
15	64QAM	1	0	16.05	15.96	15.93	16.9	0
15	64QAM	1	37	15.94	16.03	15.86		
15	64QAM	1	74	15.81	15.84	15.89		
15	64QAM	36	0	15.92	15.92	15.90	16.9	0
15	64QAM	36	20	15.84	15.84	16.02		
15	64QAM	36	39	15.72	15.93	16.00		
15	64QAM	75	0	15.83	15.91	15.90		
15	256QAM	1	0	15.89	15.84	16.06	16.9	0
15	256QAM	1	37	15.88	15.92	15.80		
15	256QAM	1	74	15.80	15.80	15.87		
15	256QAM	36	0	15.72	15.96	16.04	16.9	0
15	256QAM	36	20	15.71	15.96	15.79		
15	256QAM	36	39	15.88	15.96	15.97		
15	256QAM	75	0	15.90	15.86	15.86		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572	2596	2615		
10	QPSK	1	0	16.02	16.10	16.00	16.9	0
10	QPSK	1	25	15.96	16.01	15.88		
10	QPSK	1	49	15.95	15.90	16.01		
10	QPSK	25	0	15.93	16.07	15.95	16.9	0
10	QPSK	25	12	15.83	16.01	15.91		
10	QPSK	25	25	15.86	15.95	16.03		
10	QPSK	50	0	15.93	15.92	15.90		
10	16QAM	1	0	15.97	15.96	15.89	16.9	0
10	16QAM	1	25	16.03	15.90	15.82		
10	16QAM	1	49	15.89	15.79	15.96		
10	16QAM	25	0	15.81	16.00	15.97	16.9	0
10	16QAM	25	12	15.82	15.94	16.03		
10	16QAM	25	25	15.91	15.89	15.86		
10	16QAM	50	0	15.91	15.85	15.83		
10	64QAM	1	0	16.02	16.04	15.89	16.9	0
10	64QAM	1	25	15.98	15.96	15.89		
10	64QAM	1	49	15.87	15.93	15.90		
10	64QAM	25	0	15.93	15.85	15.91	16.9	0
10	64QAM	25	12	15.81	15.86	16.02		
10	64QAM	25	25	15.73	15.94	15.98		
10	64QAM	50	0	15.78	16.00	15.85		
10	256QAM	1	0	15.86	15.92	16.01	16.9	0
10	256QAM	1	25	15.89	15.98	15.90		
10	256QAM	1	49	15.87	15.90	15.95		
10	256QAM	25	0	15.78	15.90	15.95	16.9	0
10	256QAM	25	12	15.71	16.02	15.85		
10	256QAM	25	25	15.85	15.93	16.00		
10	256QAM	50	0	15.94	15.97	15.89		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	16.00	16.08	16.04	16.9	0
5	QPSK	1	12	16.02	16.12	15.96		
5	QPSK	1	24	15.92	15.89	16.02		
5	QPSK	12	0	15.99	16.10	15.91	16.9	0
5	QPSK	12	7	15.82	16.00	15.90		
5	QPSK	12	13	15.84	16.04	16.03		
5	QPSK	25	0	15.88	15.93	15.88		
5	16QAM	1	0	15.99	15.92	15.88	16.9	0
5	16QAM	1	12	15.94	15.89	15.83		
5	16QAM	1	24	15.84	15.83	15.90		
5	16QAM	12	0	15.84	15.94	15.91	16.9	0
5	16QAM	12	7	15.79	15.99	16.02		
5	16QAM	12	13	15.91	15.90	15.95		
5	16QAM	25	0	15.96	15.93	15.86		
5	64QAM	1	0	16.01	16.04	16.00	16.9	0
5	64QAM	1	12	16.02	16.04	15.90		
5	64QAM	1	24	15.82	15.86	15.90		
5	64QAM	12	0	15.88	15.90	15.89	16.9	0
5	64QAM	12	7	15.84	15.89	15.93		
5	64QAM	12	13	15.71	15.94	15.95		
5	64QAM	25	0	15.86	16.00	15.82		
5	256QAM	1	0	15.83	15.91	16.04	16.9	0
5	256QAM	1	12	15.91	15.98	15.89		
5	256QAM	1	24	15.76	15.88	15.98		
5	256QAM	12	0	15.73	15.89	16.01	16.9	0
5	256QAM	12	7	15.72	16.00	15.78		
5	256QAM	12	13	15.86	15.96	16.01		
5	256QAM	25	0	15.91	15.92	15.91		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.15	16.12	16.17	16.13	16.11	16.9	0
20	QPSK	1	49	16.13	16.09	16.15	16.04	16.09		
20	QPSK	1	99	16.09	16.01	16.06	16.11	16.06		
20	QPSK	50	0	16.05	16.03	16.14	16.10	16.10	16.9	0
20	QPSK	50	24	16.07	16.01	16.11	16.07	16.07		
20	QPSK	50	50	16.07	16.00	16.09	16.12	16.03		
20	QPSK	100	0	16.06	16.09	16.10	16.03	16.02		
20	16QAM	1	0	16.08	16.07	16.07	16.04	16.08	16.9	0
20	16QAM	1	49	16.01	16.09	16.09	15.96	15.98		
20	16QAM	1	99	16.07	15.95	15.95	16.06	15.98		
20	16QAM	50	0	16.03	15.98	16.05	16.05	16.00	16.9	0
20	16QAM	50	24	16.00	15.93	16.08	16.06	15.97		
20	16QAM	50	50	15.96	15.98	16.01	16.05	16.02		
20	16QAM	100	0	16.04	15.98	16.00	15.93	15.98		
20	64QAM	1	0	16.10	16.09	16.09	16.11	16.04	16.9	0
20	64QAM	1	49	16.11	16.08	16.08	16.03	16.06		
20	64QAM	1	99	16.01	15.93	16.01	16.03	16.05		
20	64QAM	50	0	16.03	15.97	16.04	16.10	16.05	16.9	0
20	64QAM	50	24	15.97	15.95	16.00	16.05	16.07		
20	64QAM	50	50	15.98	15.90	16.04	16.10	16.03		
20	64QAM	100	0	16.04	16.00	16.05	16.01	15.95		
20	256QAM	1	0	16.13	16.05	16.05	16.11	16.00	16.9	0
20	256QAM	1	49	16.01	16.02	16.08	15.99	16.06		
20	256QAM	1	99	16.02	15.97	15.95	16.09	15.94		
20	256QAM	50	0	15.95	15.92	16.08	16.07	16.10	16.9	0
20	256QAM	50	24	16.07	15.89	16.08	15.99	15.97		
20	256QAM	50	50	16.01	15.98	16.04	16.08	16.02		
20	256QAM	100	0	15.95	16.02	16.03	15.99	15.95		
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	16.05	16.02	16.07	16.12	15.99	17	0
15	QPSK	1	37	16.13	16.04	16.12	15.98	16.03		
15	QPSK	1	74	15.99	15.97	15.99	16.04	15.97		
15	QPSK	36	0	15.93	15.91	16.09	16.09	15.98	16.9	0
15	QPSK	36	20	15.97	15.98	16.11	16.03	16.02		
15	QPSK	36	39	16.03	15.93	16.02	16.05	15.96		
15	QPSK	75	0	15.95	16.04	16.01	15.93	15.96		
15	16QAM	1	0	15.98	15.97	16.01	15.95	16.01	16.9	0
15	16QAM	1	37	15.95	15.99	16.03	15.95	15.87		
15	16QAM	1	74	16.04	15.86	15.91	16.04	15.97		
15	16QAM	36	0	15.98	15.97	16.01	16.01	15.89	16.9	0
15	16QAM	36	20	15.97	15.90	16.04	15.95	15.97		
15	16QAM	36	39	15.96	15.93	15.96	15.99	15.98		
15	16QAM	75	0	15.94	15.88	15.99	15.93	15.94		
15	64QAM	1	0	16.02	16.08	15.98	16.08	15.95	16.9	0
15	64QAM	1	37	16.09	16.04	15.99	15.98	15.97		
15	64QAM	1	74	15.97	15.89	15.97	16.03	15.99		
15	64QAM	36	0	15.98	15.88	16.04	16.01	15.95	16.9	0
15	64QAM	36	20	15.94	15.93	15.98	16.04	16.03		
15	64QAM	36	39	15.86	15.83	15.95	16.07	15.98		
15	64QAM	75	0	15.97	15.95	15.95	15.92	15.95		
15	256QAM	1	0	16.03	15.97	16.04	16.10	15.93	16.9	0
15	256QAM	1	37	15.89	15.91	16.04	15.90	16.02		
15	256QAM	1	74	15.91	15.94	15.95	16.06	15.91		
15	256QAM	36	0	15.87	15.89	16.02	16.06	16.10	16.9	0
15	256QAM	36	20	15.99	15.81	16.03	15.90	15.93		
15	256QAM	36	39	15.98	15.89	16.02	15.99	15.93		
15	256QAM	75	0	15.93	15.92	15.95	15.97	15.88		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.06	16.05	16.12	16.03	16.10	17	0
10	QPSK	1	25	16.05	16.08	16.04	15.94	15.98		
10	QPSK	1	49	16.07	15.93	15.95	16.04	15.99		
10	QPSK	25	0	15.98	15.94	16.09	15.98	15.98	16.9	0
10	QPSK	25	12	16.04	15.96	16.11	16.06	15.97		
10	QPSK	25	25	16.01	15.94	16.00	16.03	15.99		
10	QPSK	50	0	16.04	15.98	16.06	15.91	15.97		
10	16QAM	1	0	15.99	16.02	15.95	15.92	16.04	16.9	0
10	16QAM	1	25	15.98	16.01	16.01	15.87	15.87		
10	16QAM	1	49	16.04	15.85	15.85	15.97	15.87		
10	16QAM	25	0	15.94	15.89	15.94	15.95	15.90	16.9	0
10	16QAM	25	12	15.91	15.83	15.97	15.98	15.94		
10	16QAM	25	25	15.95	15.95	15.99	15.97	15.93		
10	16QAM	50	0	16.01	15.89	15.91	15.83	15.88		
10	64QAM	1	0	16.05	16.04	16.03	16.03	16.04	16.9	0
10	64QAM	1	25	16.10	16.08	16.01	16.00	15.98		
10	64QAM	1	49	16.00	15.90	15.97	15.97	16.04		
10	64QAM	25	0	15.93	15.92	16.01	15.99	16.01	16.9	0
10	64QAM	25	12	15.94	15.83	15.93	16.05	15.98		
10	64QAM	25	25	15.96	15.88	15.94	16.09	16.02		
10	64QAM	50	0	16.00	15.88	15.96	15.99	15.91		
10	256QAM	1	0	16.08	16.00	16.02	16.03	15.92	16.9	0
10	256QAM	1	25	15.98	15.94	16.07	15.94	15.95		
10	256QAM	1	49	15.92	15.88	15.95	16.05	15.91		
10	256QAM	25	0	15.95	15.91	16.02	15.96	16.01	16.9	0
10	256QAM	25	12	16.05	15.88	16.03	15.95	15.85		
10	256QAM	25	25	15.94	15.92	16.02	16.01	15.90		
10	256QAM	50	0	15.93	16.02	15.92	15.95	15.94		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	16.12	16.02	16.11	16.11	16.11	17	0
5	QPSK	1	12	16.11	16.09	16.14	16.04	16.05		
5	QPSK	1	24	16.05	16.00	16.03	16.05	16.04		
5	QPSK	12	0	16.04	16.01	16.09	16.09	16.08	16.9	0
5	QPSK	12	7	15.99	16.01	16.10	16.02	15.99		
5	QPSK	12	13	15.95	15.88	16.01	16.04	15.92		
5	QPSK	25	0	16.04	15.97	16.09	15.93	15.97		
5	16QAM	1	0	15.94	16.06	16.06	16.00	16.00	16.9	0
5	16QAM	1	12	15.96	16.00	16.01	15.86	15.98		
5	16QAM	1	24	16.03	15.91	15.93	16.01	15.88		
5	16QAM	12	0	15.94	15.96	16.00	15.94	15.90	16.9	0
5	16QAM	12	7	15.94	15.91	16.00	16.03	15.88		
5	16QAM	12	13	15.95	15.90	15.98	15.98	15.95		
5	16QAM	25	0	16.00	15.96	15.95	15.86	15.94		
5	64QAM	1	0	16.09	16.05	16.09	16.10	15.99	16.9	0
5	64QAM	1	12	16.10	16.01	15.99	16.03	16.00		
5	64QAM	1	24	15.94	15.83	16.01	16.00	15.96		
5	64QAM	12	0	15.96	15.97	16.03	16.09	15.96	16.9	0
5	64QAM	12	7	15.85	15.84	15.95	15.99	16.00		
5	64QAM	12	13	15.93	15.85	16.02	16.05	15.92		
5	64QAM	25	0	16.04	15.88	16.02	15.96	15.85		
5	256QAM	1	0	16.08	16.02	16.03	16.03	15.89	16.9	0
5	256QAM	1	12	15.90	15.92	16.05	15.99	15.98		
5	256QAM	1	24	15.94	15.91	15.88	16.03	15.91		
5	256QAM	12	0	15.91	15.90	16.04	16.02	16.00	16.9	0
5	256QAM	12	7	16.02	15.84	15.97	15.93	15.87		
5	256QAM	12	13	15.96	15.96	16.01	15.91	15.91		
5	256QAM	25	0	15.90	15.99	15.91	15.91	15.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.32	17.35	17.39	17.33	17.30		
20	QPSK	1	49	17.21	17.35	17.32	17.25	17.25	18.5	0
20	QPSK	1	99	17.30	17.24	17.35	17.23	17.26		
20	QPSK	50	0	17.23	17.23	17.38	17.26	17.20		
20	QPSK	50	24	17.32	17.32	17.31	17.24	17.19	18.5	0
20	QPSK	50	50	17.31	17.34	17.30	17.25	17.28		
20	QPSK	100	0	17.28	17.32	17.33	17.32	17.29		
20	16QAM	1	0	17.31	17.29	17.30	17.21	17.25		
20	16QAM	1	49	17.17	17.29	17.24	17.19	17.16	18.5	0
20	16QAM	1	99	17.22	17.19	17.30	17.11	17.22		
20	16QAM	50	0	17.17	17.11	17.34	17.22	17.10		
20	16QAM	50	24	17.30	17.20	17.20	17.23	17.15	18.5	0
20	16QAM	50	50	17.22	17.27	17.26	17.21	17.20		
20	16QAM	100	0	17.21	17.24	17.31	17.28	17.21		
20	64QAM	1	0	17.24	17.28	17.31	17.23	17.23		
20	64QAM	1	49	17.16	17.31	17.32	17.18	17.17	18.5	0
20	64QAM	1	99	17.19	17.14	17.35	17.22	17.15		
20	64QAM	50	0	17.14	17.14	17.37	17.22	17.13		
20	64QAM	50	24	17.28	17.24	17.21	17.13	17.19	18.5	0
20	64QAM	50	50	17.30	17.25	17.28	17.24	17.18		
20	64QAM	100	0	17.25	17.25	17.32	17.24	17.22		
20	256QAM	1	0	17.22	17.26	17.30	17.30	17.25		
20	256QAM	1	49	17.13	17.32	17.21	17.15	17.17	18.5	0
20	256QAM	1	99	17.28	17.15	17.28	17.15	17.16		
20	256QAM	50	0	17.16	17.22	17.37	17.19	17.08		
20	256QAM	50	24	17.30	17.21	17.28	17.24	17.13	18.5	0
20	256QAM	50	50	17.24	17.33	17.24	17.14	17.26		
20	256QAM	100	0	17.22	17.30	17.30	17.29	17.28		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.24	17.27	17.35	17.28	17.20		
15	QPSK	1	37	17.17	17.24	17.26	17.18	17.25	19	0
15	QPSK	1	74	17.28	17.17	17.32	17.16	17.16		
15	QPSK	36	0	17.14	17.13	17.38	17.24	17.14		
15	QPSK	36	20	17.24	17.29	17.20	17.14	17.16	18.5	0
15	QPSK	36	39	17.26	17.33	17.24	17.14	17.20		
15	QPSK	75	0	17.16	17.29	17.32	17.30	17.21		
15	16QAM	1	0	17.24	17.20	17.21	17.18	17.16		
15	16QAM	1	37	17.13	17.23	17.19	17.16	17.09	18.5	0
15	16QAM	1	74	17.19	17.09	17.29	17.10	17.22		
15	16QAM	36	0	17.08	17.01	17.22	17.14	17.08		
15	16QAM	36	20	17.21	17.16	17.11	17.18	17.08	18.5	0
15	16QAM	36	39	17.19	17.24	17.19	17.20	17.13		
15	16QAM	75	0	17.13	17.20	17.20	17.28	17.10		
15	64QAM	1	0	17.18	17.25	17.25	17.16	17.20		
15	64QAM	1	37	17.15	17.28	17.26	17.16	17.08	18.5	0
15	64QAM	1	74	17.13	17.10	17.30	17.14	17.05		
15	64QAM	36	0	17.03	17.06	17.30	17.14	17.06		
15	64QAM	36	20	17.24	17.20	17.13	17.06	17.17	18.5	0
15	64QAM	36	39	17.20	17.15	17.26	17.12	17.10		
15	64QAM	75	0	17.20	17.18	17.27	17.15	17.14		
15	256QAM	1	0	17.13	17.26	17.28	17.26	17.15		
15	256QAM	1	37	17.07	17.31	17.16	17.03	17.12	18.5	0
15	256QAM	1	74	17.20	17.10	17.19	17.08	17.09		
15	256QAM	36	0	17.16	17.15	17.37	17.13	17.00		
15	256QAM	36	20	17.24	17.18	17.20	17.20	17.03	18.5	0
15	256QAM	36	39	17.22	17.28	17.23	17.04	17.23		
15	256QAM	75	0	17.20	17.19	17.18	17.21	17.20		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.23	17.29	17.30	17.33	17.30		
10	QPSK	1	25	17.15	17.29	17.31	17.15	17.19	19	0
10	QPSK	1	49	17.20	17.15	17.24	17.20	17.21		
10	QPSK	25	0	17.17	17.11	17.36	17.19	17.09		
10	QPSK	25	12	17.30	17.20	17.23	17.13	17.19	18.5	0
10	QPSK	25	25	17.27	17.29	17.20	17.15	17.27		
10	QPSK	50	0	17.21	17.23	17.23	17.22	17.28		
10	16QAM	1	0	17.31	17.23	17.16	17.14	17.23		
10	16QAM	1	25	17.10	17.20	17.22	17.15	17.09	18.5	0
10	16QAM	1	49	17.20	17.13	17.22	17.00	17.18		
10	16QAM	25	0	17.17	17.00	17.28	17.15	17.03		
10	16QAM	25	12	17.23	17.09	17.13	17.21	17.10	18.5	0
10	16QAM	25	25	17.17	17.20	17.25	17.12	17.09		
10	16QAM	50	0	17.15	17.21	17.26	17.22	17.09		
10	64QAM	1	0	17.13	17.25	17.26	17.20	17.15		
10	64QAM	1	25	17.07	17.22	17.21	17.15	17.14	18.5	0
10	64QAM	1	49	17.15	17.10	17.28	17.14	17.08		
10	64QAM	25	0	17.08	17.03	17.34	17.14	17.06		
10	64QAM	25	12	17.17	17.16	17.19	17.03	17.11	18.5	0
10	64QAM	25	25	17.27	17.24	17.19	17.14	17.09		
10	64QAM	50	0	17.22	17.24	17.26	17.18	17.13		
10	256QAM	1	0	17.21	17.19	17.20	17.23	17.18		
10	256QAM	1	25	17.06	17.32	17.19	17.12	17.11	18.5	0
10	256QAM	1	49	17.24	17.10	17.24	17.10	17.14		
10	256QAM	25	0	17.15	17.12	17.28	17.10	17.06		
10	256QAM	25	12	17.29	17.17	17.21	17.19	17.08	18.5	0
10	256QAM	25	25	17.23	17.25	17.18	17.11	17.15		
10	256QAM	50	0	17.17	17.24	17.21	17.19	17.17		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.28	17.25	17.34	17.23	17.27		
5	QPSK	1	12	17.15	17.27	17.21	17.15	17.21	19	0
5	QPSK	1	24	17.26	17.23	17.32	17.12	17.23		
5	QPSK	12	0	17.17	17.19	17.37	17.20	17.14		
5	QPSK	12	7	17.31	17.29	17.23	17.16	17.17	18.5	0
5	QPSK	12	13	17.28	17.22	17.21	17.19	17.17		
5	QPSK	25	0	17.21	17.31	17.28	17.27	17.17		
5	16QAM	1	0	17.21	17.21	17.22	17.15	17.17		
5	16QAM	1	12	17.10	17.23	17.21	17.11	17.07	18.5	0
5	16QAM	1	24	17.16	17.17	17.29	17.02	17.18		
5	16QAM	12	0	17.08	17.06	17.25	17.11	17.00		
5	16QAM	12	7	17.30	17.09	17.16	17.13	17.11	18.5	0
5	16QAM	12	13	17.10	17.19	17.24	17.20	17.16		
5	16QAM	25	0	17.14	17.16	17.25	17.21	17.15		
5	64QAM	1	0	17.19	17.28	17.24	17.21	17.15		
5	64QAM	1	12	17.14	17.27	17.28	17.15	17.13	18.5	0
5	64QAM	1	24	17.18	17.07	17.31	17.15	17.15		
5	64QAM	12	0	17.14	17.07	17.32	17.15	17.10		
5	64QAM	12	7	17.24	17.17	17.18	17.02	17.10	18.5	0
5	64QAM	12	13	17.30	17.19	17.21	17.16	17.15		
5	64QAM	25	0	17.20	17.17	17.22	17.21	17.20		
5	256QAM	1	0	17.19	17.24	17.19	17.26	17.24		
5	256QAM	1	12	17.11	17.21	17.18	17.11	17.07	18.5	0
5	256QAM	1	24	17.19	17.06	17.25	17.09	17.11		
5	256QAM	12	0	17.06	17.21	17.37	17.09	17.05		
5	256QAM	12	7	17.22	17.12	17.27	17.12	17.03	18.5	0
5	256QAM	12	13	17.18	17.29	17.16	17.13	17.15		
5	256QAM	25	0	17.19	17.28	17.24	17.26	17.24		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	15.22	15.25	15.20	15.23		
20	QPSK	1	49	15.15	15.18	15.20	15.22	16.4	0
20	QPSK	1	99	15.16	15.19	15.14	15.15		
20	QPSK	50	0	15.20	15.24	15.19	15.18		
20	QPSK	50	24	15.12	15.17	15.11	15.19	16.4	0
20	QPSK	50	50	15.13	15.23	15.10	15.15		
20	QPSK	100	0	15.13	15.21	15.10	15.15		
20	16QAM	1	0	15.21	15.18	15.09	15.14		
20	16QAM	1	49	15.08	15.07	15.08	15.19	16.4	0
20	16QAM	1	99	15.04	15.17	15.10	15.10		
20	16QAM	50	0	15.09	15.16	15.10	15.10		
20	16QAM	50	24	15.03	15.16	15.08	15.10	16.4	0
20	16QAM	50	50	15.03	15.20	15.04	15.11		
20	16QAM	100	0	15.10	15.11	15.09	15.04		
20	64QAM	1	0	15.20	15.17	15.17	15.13		
20	64QAM	1	49	15.09	15.18	15.11	15.12	16.4	0
20	64QAM	1	99	15.06	15.10	15.02	15.05		
20	64QAM	50	0	15.11	15.22	15.10	15.18		
20	64QAM	50	24	15.04	15.15	15.01	15.12	16.4	0
20	64QAM	50	50	15.12	15.16	15.10	15.09		
20	64QAM	100	0	15.06	15.14	15.02	15.04		
20	256QAM	1	0	15.17	15.22	15.10	15.13		
20	256QAM	1	49	15.08	15.15	15.10	15.20	16.4	0
20	256QAM	1	99	15.15	15.14	15.10	15.11		
20	256QAM	50	0	15.14	15.22	15.07	15.09		
20	256QAM	50	24	15.04	15.12	15.02	15.12	16.4	0
20	256QAM	50	50	15.02	15.12	15.09	15.11		
20	256QAM	100	0	15.12	15.17	15.06	15.03		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	15.19	15.23	15.10	15.13		
15	QPSK	1	37	15.14	15.12	15.16	15.12	16.4	0
15	QPSK	1	74	15.15	15.17	15.10	15.12		
15	QPSK	36	0	15.18	15.12	15.16	15.09		
15	QPSK	36	20	15.02	15.07	15.01	15.16	16.4	0
15	QPSK	36	39	15.10	15.13	15.07	15.15		
15	QPSK	75	0	15.11	15.12	14.98	15.06		
15	16QAM	1	0	15.16	15.11	15.09	15.08		
15	16QAM	1	37	15.08	14.97	15.05	15.14	16.4	0
15	16QAM	1	74	14.97	15.16	15.00	15.06		
15	16QAM	36	0	15.07	15.05	15.07	15.08		
15	16QAM	36	20	14.99	15.09	15.01	14.99	16.4	0
15	16QAM	36	39	14.98	15.17	14.92	15.03		
15	16QAM	75	0	15.06	15.10	15.07	14.95		
15	64QAM	1	0	15.14	15.06	15.13	15.04		
15	64QAM	1	37	15.09	15.10	15.08	15.05	16.4	0
15	64QAM	1	74	14.95	15.02	14.91	14.96		
15	64QAM	36	0	15.00	15.12	15.00	15.12		
15	64QAM	36	20	15.03	15.07	14.96	15.12	16.4	0
15	64QAM	36	39	15.03	15.13	15.06	15.02		
15	64QAM	75	0	15.05	15.05	15.00	14.94		
15	256QAM	1	0	15.10	15.18	15.08	15.08		
15	256QAM	1	37	15.01	15.07	15.01	15.15	16.4	0
15	256QAM	1	74	15.08	15.06	15.01	15.09		
15	256QAM	36	0	15.04	15.10	14.99	14.99		
15	256QAM	36	20	14.96	15.01	14.92	15.03	16.4	0
15	256QAM	36	39	14.94	15.03	15.08	15.03		
15	256QAM	75	0	15.08	15.12	15.05	14.99		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	15.21	15.23	15.14	15.14		
10	QPSK	1	25	15.04	15.09	15.14	15.16	16.4	0
10	QPSK	1	49	15.14	15.11	15.03	15.09		
10	QPSK	25	0	15.14	15.14	15.12	15.14		
10	QPSK	25	12	15.01	15.07	15.08	15.15	16.4	0
10	QPSK	25	25	15.04	15.20	15.01	15.09		
10	QPSK	50	0	15.04	15.13	15.02	15.03		
10	16QAM	1	0	15.14	15.13	15.05	15.04		
10	16QAM	1	25	15.01	15.04	14.97	15.09	16.4	0
10	16QAM	1	49	14.95	15.09	15.01	15.02		
10	16QAM	25	0	14.97	15.07	15.06	15.08		
10	16QAM	25	12	14.92	15.08	15.07	15.09	16.4	0
10	16QAM	25	25	14.99	15.19	14.95	15.01		
10	16QAM	50	0	15.06	15.07	15.03	14.96		
10	64QAM	1	0	15.11	15.13	15.17	15.13		
10	64QAM	1	25	14.97	15.08	15.10	15.08	16.4	0
10	64QAM	1	49	14.94	15.02	14.95	14.94		
10	64QAM	25	0	15.04	15.12	15.00	15.16		
10	64QAM	25	12	15.00	15.15	14.96	15.06	16.4	0
10	64QAM	25	25	15.10	15.06	15.04	15.00		
10	64QAM	50	0	14.97	15.10	14.99	14.94		
10	256QAM	1	0	15.15	15.20	15.08	15.02		
10	256QAM	1	25	15.07	15.14	15.05	15.13	16.4	0
10	256QAM	1	49	15.08	15.03	15.01	15.01		
10	256QAM	25	0	15.08	15.22	15.06	15.00		
10	256QAM	25	12	14.96	15.01	14.94	15.05	16.4	0
10	256QAM	25	25	14.91	15.04	15.05	15.11		
10	256QAM	50	0	15.05	15.13	14.98	14.98		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	15.21	15.19	15.10	15.15		
5	QPSK	1	12	15.04	15.09	15.17	15.12	16.4	0
5	QPSK	1	24	15.07	15.18	15.04	15.05		
5	QPSK	12	0	15.09	15.22	15.15	15.12		
5	QPSK	12	7	15.02	15.14	15.10	15.10	16.4	0
5	QPSK	12	13	15.05	15.15	15.02	15.03		
5	QPSK	25	0	15.08	15.19	15.10	15.04		
5	16QAM	1	0	15.11	15.14	15.00	15.10		
5	16QAM	1	12	14.96	15.00	15.04	15.11	16.4	0
5	16QAM	1	24	15.00	15.14	15.02	15.10		
5	16QAM	12	0	14.98	15.07	14.99	15.02		
5	16QAM	12	7	14.93	15.14	14.96	15.03	16.4	0
5	16QAM	12	13	14.98	15.18	15.01	15.09		
5	16QAM	25	0	15.04	15.02	15.00	14.98		
5	64QAM	1	0	15.19	15.06	15.08	15.02		
5	64QAM	1	12	14.99	15.11	15.01	15.04	16.4	0
5	64QAM	1	24	14.97	15.07	14.99	15.03		
5	64QAM	12	0	15.08	15.16	15.06	15.15		
5	64QAM	12	7	14.96	15.12	14.93	15.01	16.4	0
5	64QAM	12	13	15.04	15.13	15.03	14.99		
5	64QAM	25	0	14.97	15.03	14.95	14.98		
5	256QAM	1	0	15.12	15.12	15.07	15.08		
5	256QAM	1	12	15.08	15.11	15.06	15.19	16.4	0
5	256QAM	1	24	15.09	15.10	15.01	15.06		
5	256QAM	12	0	15.13	15.16	15.02	15.08		
5	256QAM	12	7	15.03	15.06	15.00	15.11	16.4	0
5	256QAM	12	13	14.98	15.11	14.99	15.00		
5	256QAM	25	0	15.04	15.13	15.03	15.00		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	12.58	12.60	12.55	12.54	13.7	0
20	QPSK	1	49	12.50	12.58	12.47	12.48		
20	QPSK	1	99	12.52	12.49	12.44	12.49		
20	QPSK	50	0	12.50	12.57	12.49	12.47	13.7	0
20	QPSK	50	24	12.54	12.49	12.53	12.46		
20	QPSK	50	50	12.50	12.51	12.54	12.46		
20	QPSK	100	0	12.50	12.52	12.44	12.45		
20	16QAM	1	0	12.55	12.50	12.48	12.44	13.7	0
20	16QAM	1	49	12.43	12.51	12.39	12.39		
20	16QAM	1	99	12.47	12.46	12.43	12.37		
20	16QAM	50	0	12.41	12.53	12.45	12.45	13.7	0
20	16QAM	50	24	12.49	12.39	12.47	12.36		
20	16QAM	50	50	12.44	12.42	12.51	12.37		
20	16QAM	100	0	12.46	12.44	12.38	12.42		
20	64QAM	1	0	12.52	12.48	12.44	12.50	13.7	0
20	64QAM	1	49	12.40	12.48	12.39	12.44		
20	64QAM	1	99	12.45	12.45	12.34	12.47		
20	64QAM	50	0	12.42	12.47	12.48	12.39	13.7	0
20	64QAM	50	24	12.46	12.38	12.46	12.44		
20	64QAM	50	50	12.39	12.41	12.46	12.43		
20	64QAM	100	0	12.39	12.50	12.33	12.33		
20	256QAM	1	0	12.49	12.50	12.47	12.45	13.7	0
20	256QAM	1	49	12.40	12.49	12.37	12.39		
20	256QAM	1	99	12.44	12.42	12.36	12.38		
20	256QAM	50	0	12.38	12.54	12.44	12.45	13.7	0
20	256QAM	50	24	12.43	12.44	12.50	12.42		
20	256QAM	50	50	12.48	12.41	12.48	12.37		
20	256QAM	100	0	12.44	12.49	12.39	12.44		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	12.58	12.48	12.44	12.45	13.7	0
15	QPSK	1	37	12.47	12.56	12.43	12.43		
15	QPSK	1	74	12.41	12.40	12.32	12.38		
15	QPSK	36	0	12.48	12.56	12.47	12.42	13.7	0
15	QPSK	36	20	12.44	12.45	12.43	12.35		
15	QPSK	36	39	12.40	12.43	12.45	12.36		
15	QPSK	75	0	12.43	12.44	12.39	12.33		
15	16QAM	1	0	12.47	12.43	12.40	12.35	13.7	0
15	16QAM	1	37	12.31	12.40	12.38	12.28		
15	16QAM	1	74	12.39	12.41	12.39	12.35		
15	16QAM	36	0	12.30	12.46	12.35	12.34	13.7	0
15	16QAM	36	20	12.45	12.38	12.38	12.31		
15	16QAM	36	39	12.44	12.32	12.49	12.30		
15	16QAM	75	0	12.40	12.43	12.35	12.33		
15	64QAM	1	0	12.50	12.43	12.44	12.48	13.7	0
15	64QAM	1	37	12.29	12.46	12.37	12.33		
15	64QAM	1	74	12.42	12.41	12.22	12.43		
15	64QAM	36	0	12.39	12.42	12.39	12.27	13.7	0
15	64QAM	36	20	12.42	12.32	12.43	12.33		
15	64QAM	36	39	12.27	12.35	12.44	12.32		
15	64QAM	75	0	12.29	12.47	12.27	12.24		
15	256QAM	1	0	12.37	12.40	12.41	12.42	13.7	0
15	256QAM	1	37	12.38	12.44	12.29	12.28		
15	256QAM	1	74	12.35	12.33	12.35	12.33		
15	256QAM	36	0	12.29	12.43	12.34	12.39	13.7	0
15	256QAM	36	20	12.35	12.39	12.40	12.35		
15	256QAM	36	39	12.40	12.32	12.36	12.29		
15	256QAM	75	0	12.33	12.46	12.36	12.35		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	12.49	12.58	12.44	12.45	13.7	0
10	QPSK	1	25	12.40	12.54	12.37	12.43		
10	QPSK	1	49	12.44	12.47	12.37	12.45		
10	QPSK	25	0	12.41	12.47	12.49	12.37	13.7	0
10	QPSK	25	12	12.47	12.39	12.45	12.37		
10	QPSK	25	25	12.42	12.45	12.42	12.41		
10	QPSK	50	0	12.47	12.48	12.41	12.38		
10	16QAM	1	0	12.54	12.48	12.40	12.40	13.7	0
10	16QAM	1	25	12.36	12.50	12.33	12.37		
10	16QAM	1	49	12.45	12.36	12.32	12.28		
10	16QAM	25	0	12.32	12.43	12.37	12.36	13.7	0
10	16QAM	25	12	12.41	12.33	12.37	12.26		
10	16QAM	25	25	12.41	12.33	12.40	12.34		
10	16QAM	50	0	12.44	12.33	12.32	12.32		
10	64QAM	1	0	12.48	12.45	12.38	12.43	13.7	0
10	64QAM	1	25	12.28	12.42	12.28	12.38		
10	64QAM	1	49	12.41	12.41	12.33	12.43		
10	64QAM	25	0	12.38	12.40	12.43	12.34	13.7	0
10	64QAM	25	12	12.41	12.37	12.45	12.33		
10	64QAM	25	25	12.31	12.35	12.36	12.37		
10	64QAM	50	0	12.31	12.47	12.31	12.24		
10	256QAM	1	0	12.46	12.48	12.37	12.35	13.7	0
10	256QAM	1	25	12.31	12.44	12.28	12.35		
10	256QAM	1	49	12.38	12.36	12.34	12.27		
10	256QAM	25	0	12.34	12.47	12.39	12.43	13.7	0
10	256QAM	25	12	12.36	12.43	12.39	12.31		
10	256QAM	25	25	12.36	12.41	12.39	12.28		
10	256QAM	50	0	12.36	12.43	12.30	12.33		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3645	3697.5		
5	QPSK	1	0	12.50	12.56	12.53	12.49	13.7	0
5	QPSK	1	12	12.38	12.57	12.44	12.36		
5	QPSK	1	24	12.43	12.40	12.36	12.40		
5	QPSK	12	0	12.46	12.47	12.38	12.35	13.7	0
5	QPSK	12	7	12.43	12.44	12.44	12.42		
5	QPSK	12	13	12.47	12.44	12.54	12.43		
5	QPSK	25	0	12.42	12.51	12.40	12.38		
5	16QAM	1	0	12.51	12.41	12.46	12.39	13.7	0
5	16QAM	1	12	12.36	12.49	12.35	12.37		
5	16QAM	1	24	12.44	12.40	12.31	12.33		
5	16QAM	12	0	12.30	12.47	12.43	12.41	13.7	0
5	16QAM	12	7	12.42	12.32	12.45	12.33		
5	16QAM	12	13	12.34	12.38	12.46	12.28		
5	16QAM	25	0	12.43	12.40	12.29	12.36		
5	64QAM	1	0	12.49	12.45	12.35	12.45	13.7	0
5	64QAM	1	12	12.38	12.38	12.36	12.39		
5	64QAM	1	24	12.45	12.44	12.33	12.42		
5	64QAM	12	0	12.40	12.44	12.45	12.32	13.7	0
5	64QAM	12	7	12.37	12.34	12.35	12.39		
5	64QAM	12	13	12.36	12.37	12.44	12.36		
5	64QAM	25	0	12.32	12.46	12.24	12.23		
5	256QAM	1	0	12.38	12.44	12.45	12.43	13.7	0
5	256QAM	1	12	12.29	12.41	12.36	12.36		
5	256QAM	1	24	12.42	12.33	12.31	12.38		
5	256QAM	12	0	12.38	12.42	12.32	12.43	13.7	0
5	256QAM	12	7	12.32	12.41	12.40	12.33		
5	256QAM	12	13	12.37	12.37	12.39	12.28		
5	256QAM	25	0	12.37	12.40	12.35	12.44		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3680	3609	3641	3690		
20	QPSK	1	0	12.45	12.52	12.47	12.49	13.7	0
20	QPSK	1	49	12.37	12.41	12.46	12.40		
20	QPSK	1	99	12.39	12.45	12.36	12.42		
20	QPSK	50	0	12.37	12.50	12.40	12.42	13.7	0
20	QPSK	50	24	12.34	12.47	12.36	12.48		
20	QPSK	50	50	12.36	12.47	12.36	12.37		
20	QPSK	100	0	12.41	12.46	12.38	12.44		
20	16QAM	1	0	12.38	12.43	12.37	12.46	13.7	0
20	16QAM	1	49	12.33	12.40	12.39	12.36		
20	16QAM	1	99	12.36	12.37	12.33	12.31		
20	16QAM	50	0	12.31	12.48	12.34	12.33	13.7	0
20	16QAM	50	24	12.30	12.37	12.29	12.45		
20	16QAM	50	50	12.32	12.39	12.36	12.31		
20	16QAM	100	0	12.32	12.45	12.31	12.34		
20	64QAM	1	0	12.37	12.40	12.47	12.38	13.7	0
20	64QAM	1	49	12.28	12.29	12.35	12.38		
20	64QAM	1	99	12.29	12.41	12.32	12.36		
20	64QAM	50	0	12.31	12.44	12.40	12.40	13.7	0
20	64QAM	50	24	12.27	12.44	12.31	12.43		
20	64QAM	50	50	12.31	12.42	12.28	12.36		
20	64QAM	100	0	12.40	12.41	12.37	12.44		
20	256QAM	1	0	12.35	12.46	12.38	12.41	13.7	0
20	256QAM	1	49	12.31	12.38	12.42	12.39		
20	256QAM	1	99	12.36	12.38	12.28	12.42		
20	256QAM	50	0	12.26	12.42	12.32	12.41	13.7	0
20	256QAM	50	24	12.32	12.43	12.33	12.45		
20	256QAM	50	50	12.36	12.38	12.27	12.36		
20	256QAM	100	0	12.36	12.40	12.27	12.32		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	12.42	12.49	12.43	12.40	13.7	0
15	QPSK	1	37	12.28	12.37	12.36	12.40		
15	QPSK	1	74	12.36	12.34	12.25	12.40		
15	QPSK	36	0	12.36	12.38	12.33	12.30	13.7	0
15	QPSK	36	20	12.26	12.40	12.26	12.38		
15	QPSK	36	39	12.28	12.43	12.32	12.32		
15	QPSK	75	0	12.31	12.38	12.36	12.34		
15	16QAM	1	0	12.32	12.38	12.27	12.39	13.7	0
15	16QAM	1	37	12.24	12.30	12.34	12.34		
15	16QAM	1	74	12.35	12.35	12.21	12.31		
15	16QAM	36	0	12.23	12.46	12.24	12.23	13.7	0
15	16QAM	36	20	12.25	12.27	12.22	12.44		
15	16QAM	36	39	12.25	12.32	12.26	12.28		
15	16QAM	75	0	12.32	12.35	12.27	12.25		
15	64QAM	1	0	12.33	12.38	12.44	12.33	13.7	0
15	64QAM	1	37	12.28	12.24	12.29	12.27		
15	64QAM	1	74	12.25	12.37	12.28	12.35		
15	64QAM	36	0	12.25	12.38	12.28	12.34	13.7	0
15	64QAM	36	20	12.20	12.39	12.28	12.43		
15	64QAM	36	39	12.20	12.41	12.25	12.34		
15	64QAM	75	0	12.40	12.32	12.28	12.37		
15	256QAM	1	0	12.25	12.37	12.28	12.32	13.7	0
15	256QAM	1	37	12.19	12.31	12.36	12.33		
15	256QAM	1	74	12.31	12.28	12.23	12.40		
15	256QAM	36	0	12.14	12.31	12.22	12.36	13.7	0
15	256QAM	36	20	12.28	12.33	12.25	12.40		
15	256QAM	36	39	12.27	12.33	12.16	12.27		
15	256QAM	75	0	12.35	12.28	12.19	12.20		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	12.34	12.45	12.43	12.47	13.7	0
10	QPSK	1	25	12.35	12.32	12.46	12.36		
10	QPSK	1	49	12.33	12.34	12.31	12.38		
10	QPSK	25	0	12.28	12.42	12.35	12.33	13.7	0
10	QPSK	25	12	12.26	12.44	12.28	12.43		
10	QPSK	25	25	12.28	12.37	12.27	12.34		
10	QPSK	50	0	12.38	12.42	12.34	12.40		
10	16QAM	1	0	12.37	12.32	12.25	12.34	13.7	0
10	16QAM	1	25	12.25	12.34	12.30	12.31		
10	16QAM	1	49	12.25	12.28	12.28	12.30		
10	16QAM	25	0	12.22	12.45	12.27	12.23	13.7	0
10	16QAM	25	12	12.27	12.27	12.19	12.38		
10	16QAM	25	25	12.29	12.37	12.26	12.30		
10	16QAM	50	0	12.31	12.38	12.29	12.30		
10	64QAM	1	0	12.33	12.39	12.41	12.34	13.7	0
10	64QAM	1	25	12.26	12.22	12.29	12.29		
10	64QAM	1	49	12.25	12.38	12.31	12.32		
10	64QAM	25	0	12.26	12.38	12.31	12.28	13.7	0
10	64QAM	25	12	12.23	12.42	12.21	12.32		
10	64QAM	25	25	12.22	12.41	12.21	12.30		
10	64QAM	50	0	12.29	12.30	12.36	12.39		
10	256QAM	1	0	12.30	12.44	12.29	12.40	13.7	0
10	256QAM	1	25	12.23	12.29	12.42	12.30		
10	256QAM	1	49	12.29	12.36	12.21	12.39		
10	256QAM	25	0	12.22	12.32	12.27	12.34	13.7	0
10	256QAM	25	12	12.28	12.40	12.29	12.43		
10	256QAM	25	25	12.27	12.29	12.19	12.25		
10	256QAM	50	0	12.32	12.31	12.20	12.23		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3645	3697.5		
5	QPSK	1	0	12.44	12.42	12.40	12.44	13.7	0
5	QPSK	1	12	12.33	12.30	12.41	12.29		
5	QPSK	1	24	12.36	12.41	12.35	12.40		
5	QPSK	12	0	12.33	12.45	12.40	12.36	13.7	0
5	QPSK	12	7	12.31	12.45	12.35	12.36		
5	QPSK	12	13	12.33	12.38	12.31	12.28		
5	QPSK	25	0	12.37	12.44	12.30	12.35	13.7	0
5	16QAM	1	0	12.29	12.32	12.26	12.35		
5	16QAM	1	12	12.23	12.32	12.38	12.31		
5	16QAM	1	24	12.29	12.34	12.21	12.29		
5	16QAM	12	0	12.30	12.43	12.31	12.25	13.7	0
5	16QAM	12	7	12.23	12.32	12.17	12.35		
5	16QAM	12	13	12.27	12.32	12.28	12.30		
5	16QAM	25	0	12.22	12.39	12.25	12.34	13.7	0
5	64QAM	1	0	12.25	12.29	12.38	12.28		
5	64QAM	1	12	12.28	12.22	12.34	12.32		
5	64QAM	1	24	12.21	12.34	12.26	12.27		
5	64QAM	12	0	12.22	12.41	12.32	12.33	13.7	0
5	64QAM	12	7	12.25	12.37	12.19	12.39		
5	64QAM	12	13	12.30	12.34	12.25	12.29		
5	64QAM	25	0	12.35	12.29	12.37	12.36		
5	256QAM	1	0	12.34	12.45	12.30	12.29	13.7	0
5	256QAM	1	12	12.26	12.35	12.32	12.28		
5	256QAM	1	24	12.31	12.31	12.27	12.31		
5	256QAM	12	0	12.19	12.35	12.21	12.29	13.7	0
5	256QAM	12	7	12.30	12.39	12.29	12.37		
5	256QAM	12	13	12.31	12.26	12.26	12.27		
5	256QAM	25	0	12.30	12.39	12.23	12.23		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	15.66	15.68	15.62	15.60	16.7	0
20	QPSK	1	49	15.64	15.66	15.55	15.54		
20	QPSK	1	99	15.61	15.65	15.53	15.52		
20	QPSK	50	0	15.65	15.67	15.51	15.53	16.7	0
20	QPSK	50	24	15.59	15.63	15.58	15.49		
20	QPSK	50	50	15.65	15.58	15.50	15.59		
20	QPSK	100	0	15.54	15.64	15.59	15.52		
20	16QAM	1	0	15.54	15.61	15.51	15.52	16.7	0
20	16QAM	1	49	15.53	15.64	15.52	15.44		
20	16QAM	1	99	15.59	15.61	15.49	15.43		
20	16QAM	50	0	15.59	15.63	15.41	15.42	16.7	0
20	16QAM	50	24	15.48	15.60	15.52	15.48		
20	16QAM	50	50	15.64	15.53	15.47	15.47		
20	16QAM	100	0	15.46	15.58	15.53	15.50		
20	64QAM	1	0	15.61	15.59	15.55	15.54	16.7	0
20	64QAM	1	49	15.56	15.55	15.53	15.47		
20	64QAM	1	99	15.61	15.59	15.44	15.50		
20	64QAM	50	0	15.57	15.64	15.42	15.48	16.7	0
20	64QAM	50	24	15.59	15.53	15.57	15.38		
20	64QAM	50	50	15.54	15.48	15.49	15.53		
20	64QAM	100	0	15.53	15.57	15.58	15.40		
20	256QAM	1	0	15.55	15.56	15.59	15.58	16.7	0
20	256QAM	1	49	15.63	15.57	15.50	15.48		
20	256QAM	1	99	15.50	15.58	15.47	15.50		
20	256QAM	50	0	15.53	15.61	15.39	15.45	16.7	0
20	256QAM	50	24	15.48	15.52	15.55	15.44		
20	256QAM	50	50	15.55	15.53	15.40	15.52		
20	256QAM	100	0	15.52	15.61	15.47	15.48		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	15.58	15.65	15.52	15.58	16.7	0
15	QPSK	1	37	15.58	15.57	15.47	15.51		
15	QPSK	1	74	15.53	15.57	15.47	15.49		
15	QPSK	36	0	15.62	15.64	15.51	15.53	16.7	0
15	QPSK	36	20	15.56	15.56	15.52	15.46		
15	QPSK	36	39	15.57	15.54	15.41	15.59		
15	QPSK	75	0	15.48	15.55	15.47	15.50		
15	16QAM	1	0	15.53	15.60	15.41	15.48	16.7	0
15	16QAM	1	37	15.44	15.62	15.51	15.32		
15	16QAM	1	74	15.56	15.58	15.40	15.35		
15	16QAM	36	0	15.52	15.54	15.33	15.34	16.7	0
15	16QAM	36	20	15.37	15.54	15.41	15.36		
15	16QAM	36	39	15.59	15.45	15.42	15.44		
15	16QAM	75	0	15.45	15.56	15.53	15.47		
15	64QAM	1	0	15.58	15.49	15.54	15.43	16.7	0
15	64QAM	1	37	15.54	15.53	15.49	15.40		
15	64QAM	1	74	15.58	15.58	15.35	15.39		
15	64QAM	36	0	15.56	15.60	15.32	15.42	16.7	0
15	64QAM	36	20	15.53	15.44	15.47	15.52		
15	64QAM	36	39	15.43	15.38	15.40	15.51		
15	64QAM	75	0	15.46	15.46	15.49	15.31		
15	256QAM	1	0	15.53	15.46	15.58	15.47	16.7	0
15	256QAM	1	37	15.60	15.53	15.41	15.37		
15	256QAM	1	74	15.43	15.53	15.39	15.50		
15	256QAM	36	0	15.49	15.52	15.35	15.34	16.7	0
15	256QAM	36	20	15.40	15.47	15.50	15.34		
15	256QAM	36	39	15.46	15.47	15.30	15.51		
15	256QAM	75	0	15.48	15.52	15.42	15.40		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	15.61	15.67	15.58	15.57	16.7	0
10	QPSK	1	25	15.60	15.63	15.54	15.42		
10	QPSK	1	49	15.58	15.58	15.48	15.50		
10	QPSK	25	0	15.59	15.65	15.44	15.43	16.7	0
10	QPSK	25	12	15.49	15.58	15.54	15.44		
10	QPSK	25	25	15.54	15.56	15.41	15.50		
10	QPSK	50	0	15.47	15.57	15.55	15.47		
10	16QAM	1	0	15.46	15.51	15.44	15.50	16.7	0
10	16QAM	1	25	15.53	15.60	15.40	15.38		
10	16QAM	1	49	15.53	15.57	15.47	15.35		
10	16QAM	25	0	15.48	15.53	15.35	15.41	16.7	0
10	16QAM	25	12	15.41	15.54	15.47	15.43		
10	16QAM	25	25	15.54	15.51	15.38	15.41		
10	16QAM	50	0	15.39	15.51	15.48	15.41		
10	64QAM	1	0	15.56	15.59	15.49	15.52	16.7	0
10	64QAM	1	25	15.47	15.52	15.51	15.44		
10	64QAM	1	49	15.51	15.48	15.39	15.49		
10	64QAM	25	0	15.46	15.62	15.38	15.37	16.7	0
10	64QAM	25	12	15.54	15.41	15.50	15.28		
10	64QAM	25	25	15.46	15.47	15.47	15.49		
10	64QAM	50	0	15.47	15.52	15.57	15.30		
10	256QAM	1	0	15.53	15.45	15.52	15.47	16.7	0
10	256QAM	1	25	15.57	15.50	15.47	15.40		
10	256QAM	1	49	15.48	15.51	15.42	15.38		
10	256QAM	25	0	15.53	15.50	15.28	15.38	16.7	0
10	256QAM	25	12	15.47	15.44	15.52	15.39		
10	256QAM	25	25	15.43	15.43	15.31	15.50		
10	256QAM	50	0	15.45	15.52	15.42	15.39		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	15.61	15.64	15.59	15.51	16.7	0
5	QPSK	1	12	15.57	15.55	15.46	15.49		
5	QPSK	1	24	15.51	15.58	15.43	15.45		
5	QPSK	12	0	15.60	15.61	15.41	15.46	16.7	0
5	QPSK	12	7	15.54	15.51	15.48	15.45		
5	QPSK	12	13	15.61	15.56	15.45	15.48		
5	QPSK	25	0	15.49	15.63	15.54	15.47	16.7	0
5	16QAM	1	0	15.49	15.54	15.45	15.43		
5	16QAM	1	12	15.46	15.63	15.51	15.41		
5	16QAM	1	24	15.52	15.53	15.40	15.33		
5	16QAM	12	0	15.50	15.61	15.38	15.33	16.7	0
5	16QAM	12	7	15.48	15.48	15.45	15.42		
5	16QAM	12	13	15.55	15.43	15.38	15.40		
5	16QAM	25	0	15.35	15.49	15.43	15.42	16.7	0
5	64QAM	1	0	15.61	15.50	15.47	15.48		
5	64QAM	1	12	15.51	15.54	15.47	15.36		
5	64QAM	1	24	15.51	15.52	15.34	15.48		
5	64QAM	12	0	15.50	15.54	15.37	15.38	16.7	0
5	64QAM	12	7	15.58	15.48	15.56	15.38		
5	64QAM	12	13	15.49	15.39	15.46	15.48		
5	64QAM	25	0	15.47	15.52	15.52	15.39	16.7	0
5	256QAM	1	0	15.54	15.52	15.48	15.47		
5	256QAM	1	12	15.55	15.47	15.49	15.46		
5	256QAM	1	24	15.48	15.48	15.41	15.40		
5	256QAM	12	0	15.45	15.50	15.28	15.35	16.7	0
5	256QAM	12	7	15.39	15.50	15.50	15.40		
5	256QAM	12	13	15.48	15.52	15.30	15.48		
5	256QAM	25	0	15.46	15.60	15.45	15.41		

Reduced Power Mode for ECI 10

GSM850 Ant 0 ECI 10	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	31.64	31.70	31.67	33.50	22.64	22.70	22.67	24.50
GPRS 1 Tx slot	31.66	31.68	31.65	33.50	22.66	22.68	22.65	24.50
GPRS 2 Tx slots	30.07	30.02	29.93	31.40	24.07	24.02	23.93	25.40
GPRS 3 Tx slots	28.10	28.22	28.23	29.60	23.84	23.96	23.97	25.34
GPRS 4 Tx slots	26.94	26.98	26.91	28.40	23.94	23.98	23.91	25.40
EDGE 1 Tx slot	26.64	26.88	26.85	28.00	17.84	17.88	17.85	19.00
EDGE 2 Tx slots	25.55	25.64	25.62	26.50	19.55	19.64	19.62	20.50
EDGE 3 Tx slots	23.17	23.27	23.22	24.50	18.91	19.01	18.96	20.24
EDGE 4 Tx slots	21.83	21.94	21.93	23.00	18.83	18.94	18.93	20.00

GSM1900 Ant 0 ECI 10	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	27.69	28.10	28.06	29.00	18.99	19.10	19.06	20.00
GPRS 1 Tx slot	28.02	28.03	27.94	29.00	19.02	19.03	18.94	20.00
GPRS 2 Tx slots	27.00	27.06	26.98	28.00	21.00	21.06	20.98	22.00
GPRS 3 Tx slots	24.99	25.08	25.02	26.00	20.73	20.82	20.76	21.74
GPRS 4 Tx slots	23.94	24.04	23.99	25.00	20.94	21.04	20.99	22.00
EDGE 1 Tx slot	24.54	24.63	24.60	25.00	15.54	15.63	15.60	16.00
EDGE 2 Tx slots	23.15	23.18	23.16	24.00	17.15	17.18	17.16	18.00
EDGE 3 Tx slots	20.61	20.67	20.62	21.50	16.35	16.41	16.36	17.24
EDGE 4 Tx slots	19.04	19.09	19.05	20.00	16.04	16.09	16.05	17.00

Band		WCDMA II Ant 0 ECI 10			Tune-up Limit (dBm)	WCDMA IV Ant 0 ECI 10			Tune-up Limit (dBm)	WCDMA V Ant 0 ECI 10			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	16.83	16.84	16.82	18.10	17.19	17.27	17.21	18.40	22.37	22.41	22.38	23.70
3GPP Rel 99	RMC 12.2Kbps	16.87	16.90	16.85	18.10	17.30	17.32	17.28	18.40	22.45	22.50	22.48	23.70
3GPP Rel 6	HSDPA Subtest-1	15.82	15.89	15.84	17.10	16.29	16.35	16.32	17.40	21.47	21.44	21.52	22.70
3GPP Rel 6	HSDPA Subtest-2	15.88	15.89	15.81	17.10	16.26	16.30	16.32	17.40	21.43	21.47	21.44	22.70
3GPP Rel 6	HSDPA Subtest-3	15.42	15.46	15.41	16.60	15.82	15.82	15.76	16.90	20.93	21.05	20.94	22.20
3GPP Rel 6	HSDPA Subtest-4	15.39	15.36	15.32	16.60	15.76	15.87	15.77	16.90	21.00	20.98	20.97	22.20
3GPP Rel 8	DC-HSDPA Subtest-1	15.82	15.87	15.82	17.10	16.35	16.34	16.31	17.40	21.39	21.46	21.42	22.70
3GPP Rel 8	DC-HSDPA Subtest-2	15.85	15.91	15.89	17.10	16.28	16.36	16.25	17.40	21.48	21.52	21.42	22.70
3GPP Rel 8	DC-HSDPA Subtest-3	15.36	15.39	15.40	16.60	15.79	15.82	15.77	16.90	20.91	21.04	21.00	22.20
3GPP Rel 8	DC-HSDPA Subtest-4	15.32	15.44	15.40	16.60	15.77	15.80	15.77	16.90	20.94	21.04	20.98	22.20
3GPP Rel 6	HSUPA Subtest-1	15.90	15.91	15.86	17.10	16.25	16.32	16.32	17.40	21.41	21.50	21.44	22.70
3GPP Rel 6	HSUPA Subtest-2	13.86	13.86	13.88	15.10	14.28	14.36	14.24	15.40	19.41	19.50	19.43	20.70
3GPP Rel 6	HSUPA Subtest-3	14.83	14.89	14.81	16.10	15.35	15.31	15.31	16.40	20.40	20.53	20.43	21.70
3GPP Rel 6	HSUPA Subtest-4	13.88	13.89	13.83	15.10	14.24	14.28	14.23	15.40	19.46	19.48	19.53	20.70
3GPP Rel 6	HSUPA Subtest-5	15.91	15.96	15.90	17.10	16.28	16.29	16.31	17.40	21.42	21.52	21.49	22.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.38	13.36	13.41	14.60	13.83	13.76	13.78	14.90	18.96	19.05	18.98	20.20

GSM850 Ant 1 ECI 10	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	31.70	31.77	31.72	33.50	22.70	22.77	22.72	24.50
GPRS 1 Tx slot	31.69	31.74	31.67	33.50	22.69	22.74	22.67	24.50
GPRS 2 Tx slots	30.67	30.71	30.63	32.00	24.67	24.71	24.63	26.00
GPRS 3 Tx slots	28.55	28.64	28.59	30.00	24.29	24.38	24.33	25.74
GPRS 4 Tx slots	27.48	27.50	27.46	29.00	24.48	24.50	24.46	26.00
EDGE 1 Tx slot	26.58	26.69	26.68	28.00	17.58	17.69	17.68	19.00
EDGE 2 Tx slots	25.36	25.44	25.34	26.50	19.36	19.44	19.34	20.50
EDGE 3 Tx slots	23.05	23.10	23.01	24.50	18.79	18.84	18.75	20.24
EDGE 4 Tx slots	21.67	21.73	21.71	23.00	18.67	18.73	18.71	20.00

Band		WCDMA II Ant 1 ECI 10			Tune-up Limit (dBm)	WCDMA IV Ant 1 ECI 10			Tune-up Limit (dBm)	WCDMA V Ant 1 ECI 10			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	16.20	16.19	16.15	17.20	16.38	16.45	16.39	17.60	24.22	24.30	24.25	25.00
3GPP Rel 99	RMC 12.2Kbps	16.24	16.26	16.23	17.20	16.49	16.52	16.45	17.60	24.27	24.34	24.31	25.00
3GPP Rel 6	HSDPA Subtest-1	15.28	15.22	15.27	16.20	15.52	15.56	15.40	16.60	23.26	23.39	23.30	24.00
3GPP Rel 6	HSDPA Subtest-2	15.28	15.31	15.26	16.20	15.45	15.56	15.41	16.60	23.33	23.35	23.27	24.00
3GPP Rel 6	HSDPA Subtest-3	14.72	14.72	14.73	15.70	14.95	15.01	14.98	16.10	22.75	22.85	22.79	23.50
3GPP Rel 6	HSDPA Subtest-4	14.74	14.82	14.74	15.70	14.98	15.07	14.91	16.10	22.69	22.77	22.75	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	15.30	15.20	15.22	16.20	15.48	15.55	15.45	16.60	23.27	23.30	23.35	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	15.24	15.21	15.26	16.20	15.48	15.55	15.42	16.60	23.16	23.29	23.25	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	14.76	14.72	14.75	15.70	15.05	14.99	14.93	16.10	22.70	22.90	22.69	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	14.71	14.71	14.75	15.70	15.03	15.03	14.94	16.10	22.67	22.79	22.68	23.50
3GPP Rel 6	HSUPA Subtest-1	15.22	15.22	15.24	16.20	15.51	15.55	15.41	16.60	23.17	23.22	23.19	24.00
3GPP Rel 6	HSUPA Subtest-2	13.27	13.25	13.19	14.20	13.55	13.50	13.49	14.60	21.26	21.34	21.27	22.00
3GPP Rel 6	HSUPA Subtest-3	14.20	14.31	14.20	15.20	14.53	14.50	14.46	15.60	22.37	22.42	22.42	23.00
3GPP Rel 6	HSUPA Subtest-4	13.28	13.21	13.17	14.20	13.44	13.50	13.45	14.60	21.26	21.33	21.21	22.00
3GPP Rel 6	HSUPA Subtest-5	15.28	15.22	15.17	16.20	15.51	15.53	15.40	16.60	23.25	23.28	23.27	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.71	12.71	12.72	13.70	12.95	12.96	12.90	14.10	20.81	20.90	20.91	21.50

GSM1900 Ant 2 ECI 10	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	23.14	23.27	23.17	24.30	14.14	14.27	14.17	15.30
GPRS 1 Tx slot	23.13	23.23	23.10	24.30	14.13	14.23	14.10	15.30
GPRS 2 Tx slots	20.72	20.76	20.66	21.30	14.72	14.76	14.66	15.30
GPRS 3 Tx slots	18.90	18.94	18.89	19.50	14.64	14.68	14.63	15.24
GPRS 4 Tx slots	17.36	17.40	17.38	18.30	14.36	14.40	14.38	15.30
EDGE 1 Tx slot	23.10	23.10	23.01	24.30	14.10	14.10	14.01	15.30
EDGE 2 Tx slots	20.14	20.18	20.10	21.30	14.14	14.18	14.10	15.30
EDGE 3 Tx slots	18.31	18.39	18.37	19.50	14.05	14.13	14.11	15.24
EDGE 4 Tx slots	17.08	17.10	17.05	18.30	14.08	14.10	14.05	15.30

Band		WCDMA II Ant 2 ECI 10			Tune-up Limit (dBm)	WCDMA IV Ant 2 ECI 10			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	12.94	12.98	12.99	13.90	14.82	14.78	14.76	16.10
3GPP Rel 99	RMC 12.2Kbps	12.98	13.05	13.01	13.90	14.88	14.90	14.85	16.10
3GPP Rel 6	HSDPA Subtest-1	11.98	12.09	12.06	12.90	13.84	13.93	13.88	15.10
3GPP Rel 6	HSDPA Subtest-2	12.02	12.08	12.00	12.90	13.86	13.94	13.79	15.10
3GPP Rel 6	HSDPA Subtest-3	11.50	11.54	11.48	12.40	13.42	13.41	13.38	14.60
3GPP Rel 6	HSDPA Subtest-4	11.45	11.57	11.56	12.40	13.33	13.36	13.33	14.60
3GPP Rel 8	DC-HSDPA Subtest-1	11.97	12.05	12.05	12.90	13.84	13.92	13.81	15.10
3GPP Rel 8	DC-HSDPA Subtest-2	11.94	12.00	12.05	12.90	13.93	13.85	13.89	15.10
3GPP Rel 8	DC-HSDPA Subtest-3	11.46	11.56	11.52	12.40	13.39	13.45	13.33	14.60
3GPP Rel 8	DC-HSDPA Subtest-4	11.52	11.54	11.55	12.40	13.32	13.43	13.37	14.60
3GPP Rel 6	HSUPA Subtest-1	11.95	12.03	12.01	12.90	13.92	13.95	13.84	15.10
3GPP Rel 6	HSUPA Subtest-2	9.97	10.07	10.00	10.90	11.92	11.95	11.80	13.10
3GPP Rel 6	HSUPA Subtest-3	11.03	11.07	11.06	11.90	12.90	12.84	12.89	14.10
3GPP Rel 6	HSUPA Subtest-4	9.92	10.10	10.04	10.90	11.87	11.93	11.82	13.10
3GPP Rel 6	HSUPA Subtest-5	11.95	12.06	12.02	12.90	13.87	13.95	13.86	15.10
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	9.47	9.54	9.55	10.40	11.40	11.40	11.37	12.60

Band		WCDMA II Ant 3 ECI 10			Tune-up Limit (dBm)	WCDMA IV Ant 3 ECI 10			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	16.38	16.42	16.39	17.40	16.67	17.01	16.95	18.10
3GPP Rel 99	RMC 12.2Kbps	16.45	16.50	16.47	17.40	16.98	17.05	17.01	18.10
3GPP Rel 6	HSDPA Subtest-1	15.50	15.46	15.46	16.40	15.94	16.05	16.04	17.10
3GPP Rel 6	HSDPA Subtest-2	15.46	15.47	15.43	16.40	16.02	16.06	16.05	17.10
3GPP Rel 6	HSDPA Subtest-3	14.95	15.00	14.99	15.90	15.42	15.58	15.49	16.60
3GPP Rel 6	HSDPA Subtest-4	14.95	14.94	14.95	15.90	15.47	15.61	15.50	16.60
3GPP Rel 8	DC-HSDPA Subtest-1	15.50	15.48	15.43	16.40	16.01	16.06	16.03	17.10
3GPP Rel 8	DC-HSDPA Subtest-2	15.51	15.53	15.41	16.40	16.03	16.05	15.97	17.10
3GPP Rel 8	DC-HSDPA Subtest-3	14.96	15.01	15.00	15.90	15.43	15.53	15.51	16.60
3GPP Rel 8	DC-HSDPA Subtest-4	14.98	15.06	14.94	15.90	15.48	15.57	15.51	16.60
3GPP Rel 6	HSUPA Subtest-1	15.43	15.51	15.43	16.40	15.99	16.02	16.04	17.10
3GPP Rel 6	HSUPA Subtest-2	13.42	13.55	13.42	14.40	14.02	14.05	13.97	15.10
3GPP Rel 6	HSUPA Subtest-3	14.50	14.46	14.43	15.40	15.02	15.04	15.01	16.10
3GPP Rel 6	HSUPA Subtest-4	13.41	13.55	13.53	14.40	13.98	14.04	14.00	15.10
3GPP Rel 6	HSUPA Subtest-5	15.40	15.46	15.48	16.40	16.00	16.02	16.02	17.10
3GPP Rel 7	HSPA+ (HSDAM) Subtest-1	12.96	12.98	12.99	13.90	13.52	13.58	13.54	14.60

Band 2 Ant 0 ECI 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.13	18.19	18.11		
20	QPSK	1	49	18.01	18.08	17.98	19.6	0
20	QPSK	1	99	17.97	18.15	18.07		
20	QPSK	50	0	18.04	18.14	18.01		
20	QPSK	50	24	18.03	18.09	17.97	19.6	0
20	QPSK	50	50	18.10	18.09	17.99		
20	QPSK	100	0	18.02	18.13	18.06		
20	16QAM	1	0	18.08	18.07	18.08		
20	16QAM	1	49	17.95	17.97	17.95	19.6	0
20	16QAM	1	99	17.95	18.00	17.90		
20	16QAM	50	0	17.97	17.97	17.90		
20	16QAM	50	24	17.91	18.12	17.95	19.6	0
20	16QAM	50	50	18.00	18.06	17.88		
20	16QAM	100	0	17.86	18.02	18.00		
20	64QAM	1	0	17.92	18.07	18.02		
20	64QAM	1	49	17.87	17.94	17.88	19.6	0
20	64QAM	1	99	17.92	17.99	17.94		
20	64QAM	50	0	17.88	17.96	17.85		
20	64QAM	50	24	18.03	17.88	17.86	19.6	0
20	64QAM	50	50	17.98	18.03	17.83		
20	64QAM	100	0	17.93	18.00	17.92		
20	256QAM	1	0	17.50	17.53	17.45		
20	256QAM	1	49	17.30	17.44	17.31	19	0.6
20	256QAM	1	99	17.45	17.54	17.31		
20	256QAM	50	0	17.45	17.43	17.30		
20	256QAM	50	24	17.42	17.56	17.37	19	0.6
20	256QAM	50	50	17.47	17.53	17.25		
20	256QAM	100	0	17.37	17.40	17.38		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.01	18.11	18.05		
15	QPSK	1	37	17.95	18.01	17.86	19.6	0
15	QPSK	1	74	17.89	18.04	18.00		
15	QPSK	36	0	17.94	18.07	17.98		
15	QPSK	36	20	17.99	18.05	17.85	19.6	0
15	QPSK	36	39	18.03	17.99	17.93		
15	QPSK	75	0	17.93	18.07	17.98		
15	16QAM	1	0	17.95	17.98	17.97		
15	16QAM	1	37	17.91	17.88	17.83	19.6	0
15	16QAM	1	74	17.88	17.94	17.86		
15	16QAM	36	0	17.85	17.89	17.83		
15	16QAM	36	20	17.81	18.07	17.89	19.6	0
15	16QAM	36	39	17.92	18.00	17.81		
15	16QAM	75	0	17.90	17.95	17.91		
15	64QAM	1	0	17.86	17.98	17.97		
15	64QAM	1	37	17.77	17.89	17.83	19.6	0
15	64QAM	1	74	17.79	17.94	17.84		
15	64QAM	36	0	17.80	17.92	17.74		
15	64QAM	36	20	17.85	17.87	17.81	19.6	0
15	64QAM	36	39	17.87	17.94	17.72		
15	64QAM	75	0	17.86	17.94	17.82		
15	256QAM	1	0	17.48	17.48	17.40		
15	256QAM	1	37	17.28	17.41	17.20	19	0.6
15	256QAM	1	74	17.39	17.47	17.20		
15	256QAM	36	0	17.32	17.32	17.22		
15	256QAM	36	20	17.29	17.51	17.28	19	0.6
15	256QAM	36	39	17.40	17.32	17.16		
15	256QAM	75	0	17.30	17.33	17.32		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.01	18.16	18.01		
10	QPSK	1	25	17.92	18.00	17.91	19.6	0
10	QPSK	1	49	17.90	18.09	18.00		
10	QPSK	25	0	18.01	18.09	17.96		
10	QPSK	25	12	17.94	18.04	17.89	19.6	0
10	QPSK	25	25	18.06	17.93	17.93		
10	QPSK	50	0	17.92	18.07	17.94		
10	16QAM	1	0	17.97	17.99	18.00		
10	16QAM	1	25	17.92	17.90	17.91	19.6	0
10	16QAM	1	49	17.88	17.91	17.81		
10	16QAM	25	0	17.84	17.91	17.78		
10	16QAM	25	12	17.84	18.03	17.93	19.6	0
10	16QAM	25	25	17.94	18.01	17.86		
10	16QAM	50	0	17.91	17.92	17.92		
10	64QAM	1	0	17.86	18.04	17.94		
10	64QAM	1	25	17.76	17.92	17.86	19.6	0
10	64QAM	1	49	17.90	17.86	17.87		
10	64QAM	25	0	17.79	17.83	17.71		
10	64QAM	25	12	17.90	17.88	17.73	19.6	0
10	64QAM	25	25	17.85	17.93	17.77		
10	64QAM	50	0	17.89	17.98	17.85		
10	256QAM	1	0	17.28	17.42	17.34		
10	256QAM	1	25	17.28	17.33	17.25	19	0.6
10	256QAM	1	49	17.43	17.44	17.27		
10	256QAM	25	0	17.37	17.34	17.21		
10	256QAM	25	12	17.36	17.36	17.27	19	0.6
10	256QAM	25	25	17.35	17.42	17.23		
10	256QAM	50	0	17.24	17.30	17.36		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.04	18.17	18.09		
5	QPSK	1	12	17.99	18.05	17.89	19.6	0
5	QPSK	1	24	17.87	18.09	17.98		
5	QPSK	12	0	17.91	18.12	17.94		
5	QPSK	12	7	17.91	18.06	17.87	19.6	0
5	QPSK	12	13	17.98	18.03	17.94		
5	QPSK	25	0	17.96	18.00	18.03		
5	16QAM	1	0	17.99	17.97	18.04		
5	16QAM	1	12	17.83	17.85	17.86	19.6	0
5	16QAM	1	24	17.87	17.88	17.83		
5	16QAM	12	0	17.83	17.92	17.87		
5	16QAM	12	7	17.85	18.08	17.88	19.6	0
5	16QAM	12	13	17.94	17.79	17.79		
5	16QAM	25	0	17.75	17.92	17.96		
5	64QAM	1	0	17.88	17.96	17.96		
5	64QAM	1	12	17.81	17.87	17.85	19.6	0
5	64QAM	1	24	17.81	17.93	17.80		
5	64QAM	12	0	17.80	17.90	17.74		
5	64QAM	12	7	17.95	17.87	17.72	19.6	0
5	64QAM	12	13	17.94	17.93	17.71		
5	64QAM	25	0	17.91	17.91	17.78		
5	256QAM	1	0	17.39	17.45	17.32		
5	256QAM	1	12	17.19	17.30	17.23	19	0.6
5	256QAM	1	24	17.42	17.42	17.27		
5	256QAM	12	0	17.40	17.38	17.21		
5	256QAM	12	7	17.30	17.51	17.27	19	0.6
5	256QAM	12	13	17.42	17.48	17.13		
5	256QAM	25	0	17.35	17.35	17.29		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.06	18.10	18.07		
3	QPSK	1	8	17.95	18.00	17.87	19.6	0
3	QPSK	1	14	17.93	18.02	18.02		
3	QPSK	8	0	17.93	18.09	17.90		
3	QPSK	8	4	17.98	18.07	17.91	19.6	0
3	QPSK	8	7	17.96	17.97	17.93		
3	QPSK	15	0	18.00	18.02	17.93		
3	16QAM	1	0	18.05	18.02	18.00		
3	16QAM	1	8	17.92	17.86	17.85	19.6	0
3	16QAM	1	14	17.91	17.93	17.78		
3	16QAM	8	0	17.94	17.92	17.85		
3	16QAM	8	4	17.83	18.08	17.87	19.6	0
3	16QAM	8	7	17.87	18.02	17.75		
3	16QAM	15	0	17.75	17.93	17.95		
3	64QAM	1	0	17.90	18.01	17.89		
3	64QAM	1	8	17.83	17.83	17.75	19.6	0
3	64QAM	1	14	17.80	17.86	17.92		
3	64QAM	8	0	17.77	17.84	17.78		
3	64QAM	8	4	17.92	17.86	17.82	19.6	0
3	64QAM	8	7	17.84	17.94	17.75		
3	64QAM	15	0	17.81	17.92	17.81		
3	256QAM	1	0	17.45	17.50	17.41		
3	256QAM	1	8	17.20	17.34	17.18	19	0.6
3	256QAM	1	14	17.25	17.40	17.25		
3	256QAM	8	0	17.33	17.39	17.23		
3	256QAM	8	4	17.29	17.49	17.34	19	0.6
3	256QAM	8	7	17.39	17.49	17.13		
3	256QAM	15	0	17.34	17.36	17.27		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.08	18.06	18.06		
1.4	QPSK	1	3	17.94	18.04	17.84	19.6	0
1.4	QPSK	1	5	17.93	18.03	17.98		
1.4	QPSK	3	0	17.90	18.02	17.99		
1.4	QPSK	3	1	17.94	18.01	17.93		
1.4	QPSK	3	3	18.07	18.02	17.93		
1.4	QPSK	6	0	17.92	18.00	18.00	19.6	0
1.4	16QAM	1	0	18.04	18.00	18.00		
1.4	16QAM	1	3	17.81	17.84	17.84		
1.4	16QAM	1	5	17.90	17.88	17.88	19.6	0
1.4	16QAM	3	0	17.93	17.87	17.83		
1.4	16QAM	3	1	17.85	18.09	17.89		
1.4	16QAM	3	3	17.96	18.02	17.77		
1.4	16QAM	6	0	17.77	17.96	17.87	19.6	0
1.4	64QAM	1	0	17.91	17.95	17.92		
1.4	64QAM	1	3	17.78	17.81	17.84		
1.4	64QAM	1	5	17.89	17.88	17.83	19.6	0
1.4	64QAM	3	0	17.77	17.87	17.80		
1.4	64QAM	3	1	17.96	17.91	17.74		
1.4	64QAM	3	3	17.86	17.91	17.78		
1.4	64QAM	6	0	17.80	17.95	17.82	19.6	0
1.4	256QAM	1	0	17.39	17.44	17.41		
1.4	256QAM	1	3	17.25	17.38	17.23		
1.4	256QAM	1	5	17.34	17.40	17.18	19	0.6
1.4	256QAM	3	0	17.36	17.30	17.22		
1.4	256QAM	3	1	17.37	17.49	17.23		
1.4	256QAM	3	3	17.33	17.42	17.14		
1.4	256QAM	6	0	17.29	17.30	17.24	19	0.6

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.14	16.26	16.24		
20	QPSK	1	49	16.00	16.13	16.11	17.3	0
20	QPSK	1	99	15.96	16.16	16.11		
20	QPSK	50	0	16.09	16.24	16.13		
20	QPSK	50	24	16.09	16.15	16.09		
20	QPSK	50	50	16.12	16.09	16.17	17.3	0
20	QPSK	100	0	16.11	16.22	16.12		
20	16QAM	1	0	16.16	16.13	16.10		
20	16QAM	1	49	16.02	16.11	16.14	17.3	0
20	16QAM	1	99	15.99	16.06	15.93		
20	16QAM	50	0	15.96	16.16	16.11		
20	16QAM	50	24	16.05	16.04	16.06	17.3	0
20	16QAM	50	50	15.99	16.06	16.09		
20	16QAM	100	0	16.02	16.03	15.94		
20	64QAM	1	0	16.06	16.07	16.06		
20	64QAM	1	49	15.96	16.06	16.00	17.3	0
20	64QAM	1	99	15.96	16.17	16.05		
20	64QAM	50	0	16.01	16.17	16.04		
20	64QAM	50	24	16.03	15.99	16.03	17.3	0
20	64QAM	50	50	16.01	16.02	16.15		
20	64QAM	100	0	16.05	16.13	15.99		
20	256QAM	1	0	16.08	16.07	16.03		
20	256QAM	1	49	16.03	16.12	16.11	17.3	0
20	256QAM	1	99	15.99	16.10	16.05		
20	256QAM	50	0	15.91	16.15	16.01		
20	256QAM	50	24	16.06	15.98	16.02	17.3	0
20	256QAM	50	50	16.05	15.98	16.13		
20	256QAM	100	0	16.04	16.13	16.09		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.01	16.18	16.10		
15	QPSK	1	37	15.91	16.05	15.96	17.3	0
15	QPSK	1	74	15.97	16.12	16.00		
15	QPSK	36	0	16.01	16.20	16.09		
15	QPSK	36	20	15.97	16.03	15.97	17.3	0
15	QPSK	36	39	16.01	15.96	16.14		
15	QPSK	75	0	16.02	16.18	16.02		
15	16QAM	1	0	16.10	16.05	15.99		
15	16QAM	1	37	15.92	16.05	16.07	17.3	0
15	16QAM	1	74	15.89	16.02	15.90		
15	16QAM	36	0	15.91	16.15	16.03		
15	16QAM	36	20	15.99	16.00	15.93	17.3	0
15	16QAM	36	39	15.95	15.97	15.96		
15	16QAM	75	0	15.89	15.95	15.88		
15	64QAM	1	0	15.99	15.94	15.99		
15	64QAM	1	37	15.82	15.99	15.93	17.3	0
15	64QAM	1	74	15.88	16.11	16.00		
15	64QAM	36	0	15.96	16.04	16.01		
15	64QAM	36	20	15.89	15.92	15.94	17.3	0
15	64QAM	36	39	15.89	15.96	16.10		
15	64QAM	75	0	15.93	16.06	15.94		
15	256QAM	1	0	16.01	16.02	15.92		
15	256QAM	1	37	15.89	16.07	16.04	17.3	0
15	256QAM	1	74	15.87	16.06	16.01		
15	256QAM	36	0	15.79	16.04	15.90		
15	256QAM	36	20	15.99	15.96	15.93	17.3	0
15	256QAM	36	39	16.00	15.92	16.02		
15	256QAM	75	0	15.99	16.05	16.06		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.04	16.16	16.20		
10	QPSK	1	25	15.89	15.99	16.00	17.3	0
10	QPSK	1	49	15.95	16.03	16.00		
10	QPSK	25	0	16.05	16.20	16.11		
10	QPSK	25	12	15.99	16.11	16.03	17.3	0
10	QPSK	25	25	15.99	15.97	16.14		
10	QPSK	50	0	15.97	16.17	16.08		
10	16QAM	1	0	16.04	16.11	15.97		
10	16QAM	1	25	15.96	15.98	16.09	17.3	0
10	16QAM	1	49	15.92	15.93	15.86		
10	16QAM	25	0	15.83	16.13	16.06		
10	16QAM	25	12	15.98	15.91	15.96	17.3	0
10	16QAM	25	25	15.89	15.99	16.01		
10	16QAM	50	0	15.90	15.90	15.88		
10	64QAM	1	0	15.97	15.95	15.95		
10	64QAM	1	25	15.88	15.94	15.88	17.3	0
10	64QAM	1	49	15.87	16.12	15.94		
10	64QAM	25	0	15.99	16.06	15.97		
10	64QAM	25	12	15.95	15.89	15.98	17.3	0
10	64QAM	25	25	15.97	15.93	16.01		
10	64QAM	50	0	15.94	16.10	15.97		
10	256QAM	1	0	16.03	15.96	15.96		
10	256QAM	1	25	15.90	16.01	16.04	17.3	0
10	256QAM	1	49	15.85	16.06	15.91		
10	256QAM	25	0	15.78	16.05	15.95		
10	256QAM	25	12	15.96	15.85	15.94	17.3	0
10	256QAM	25	25	15.93	15.88	16.04		
10	256QAM	50	0	15.90	16.11	15.90		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.04	16.19	16.10		
5	QPSK	1	12	15.98	16.00	16.00	17.3	0
5	QPSK	1	24	15.92	16.08	15.99		
5	QPSK	12	0	15.97	16.22	16.01		
5	QPSK	12	7	15.99	16.06	15.98	17.3	0
5	QPSK	12	13	16.05	16.06	16.09		
5	QPSK	25	0	15.99	16.13	16.01		
5	16QAM	1	0	16.04	16.05	16.04		
5	16QAM	1	12	15.83	16.01	16.07	17.3	0
5	16QAM	1	24	15.89	15.93	15.84		
5	16QAM	12	0	15.87	16.06	16.07		
5	16QAM	12	7	15.95	16.02	16.00	17.3	0
5	16QAM	12	13	15.94	15.92	15.97		
5	16QAM	25	0	15.97	16.00	15.91		
5	64QAM	1	0	16.03	15.98	16.02		
5	64QAM	1	12	15.93	15.97	15.91	17.3	0
5	64QAM	1	24	15.94	16.13	15.92		
5	64QAM	12	0	15.95	16.10	15.94		
5	64QAM	12	7	15.95	15.97	16.00	17.3	0
5	64QAM	12	13	15.89	15.98	16.13		
5	64QAM	25	0	15.96	16.04	15.96		
5	256QAM	1	0	15.96	16.01	15.91		
5	256QAM	1	12	15.91	16.03	16.01	17.3	0
5	256QAM	1	24	15.90	16.06	15.95		
5	256QAM	12	0	15.79	16.08	15.97		
5	256QAM	12	7	16.00	15.88	15.88	17.3	0
5	256QAM	12	13	15.97	15.89	16.00		
5	256QAM	25	0	15.93	16.08	15.96		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.05	16.19	16.14		
3	QPSK	1	8	15.89	16.07	16.07	17.3	0
3	QPSK	1	14	16.01	16.03	16.05		
3	QPSK	8	0	16.00	16.18	16.04		
3	QPSK	8	4	16.03	16.10	16.02	17.3	0
3	QPSK	8	7	16.08	15.96	16.05		
3	QPSK	15	0	16.07	16.16	16.03		
3	16QAM	1	0	16.04	15.99	16.02		
3	16QAM	1	8	15.95	16.07	16.03	17.3	0
3	16QAM	1	14	15.86	15.99	15.84		
3	16QAM	8	0	15.93	16.06	16.06		
3	16QAM	8	4	16.02	15.91	16.03	17.3	0
3	16QAM	8	7	15.92	15.97	16.02		
3	16QAM	15	0	16.00	15.99	15.80		
3	64QAM	1	0	16.01	15.98	15.92		
3	64QAM	1	8	15.94	15.95	15.92	17.3	0
3	64QAM	1	14	15.88	16.07	15.98		
3	64QAM	8	0	15.90	16.14	15.98		
3	64QAM	8	4	15.96	15.94	15.92	17.3	0
3	64QAM	8	7	15.90	15.94	16.06		
3	64QAM	15	0	15.94	16.07	15.85		
3	256QAM	1	0	15.92	15.97	15.93		
3	256QAM	1	8	15.90	16.05	16.01	17.3	0
3	256QAM	1	14	15.87	15.96	16.00		
3	256QAM	8	0	15.79	16.13	15.95		
3	256QAM	8	4	15.94	15.89	15.96	17.3	0
3	256QAM	8	7	15.97	15.93	16.10		
3	256QAM	15	0	16.00	16.00	15.95		
Channel				19900	20175	20450	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.06	16.13	16.22		
1.4	QPSK	1	3	15.87	15.99	16.00	17.3	0
1.4	QPSK	1	5	16.01	16.08	15.98		
1.4	QPSK	3	0	16.02	16.18	16.09		
1.4	QPSK	3	1	16.03	16.06	15.96		
1.4	QPSK	3	3	16.03	16.04	16.12		
1.4	QPSK	6	0	16.00	16.10	16.02	17.3	0
1.4	16QAM	1	0	16.02	16.00	16.02		
1.4	16QAM	1	3	16.00	16.04	16.11		
1.4	16QAM	1	5	15.89	16.02	15.85	17.3	0
1.4	16QAM	3	0	15.85	16.10	16.08		
1.4	16QAM	3	1	15.95	16.00	16.01		
1.4	16QAM	3	3	15.90	15.94	16.02		
1.4	16QAM	6	0	15.96	15.98	15.81	17.3	0
1.4	64QAM	1	0	15.94	15.97	15.95		
1.4	64QAM	1	3	15.86	16.01	15.89		
1.4	64QAM	1	5	15.93	16.10	16.01	17.3	0
1.4	64QAM	3	0	15.98	16.09	15.94		
1.4	64QAM	3	1	15.96	15.87	15.99		
1.4	64QAM	3	3	15.97	15.96	16.11		
1.4	64QAM	6	0	15.97	16.02	15.92	17.3	0
1.4	256QAM	1	0	15.93	15.99	15.98		
1.4	256QAM	1	3	15.96	16.00	16.07		
1.4	256QAM	1	5	15.88	16.01	15.91	17.3	0
1.4	256QAM	3	0	15.81	16.08	15.91		
1.4	256QAM	3	1	16.01	15.88	15.97		
1.4	256QAM	3	3	15.93	15.94	16.02		
1.4	256QAM	6	0	15.94	16.07	16.01	17.3	0

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BW [MHz]	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	19.84	19.93	19.84		
10	QPSK	1	25	19.76	19.82	19.79	21.3	0
10	QPSK	1	49	19.83	19.78	19.71		
10	QPSK	25	0	19.79	19.88	19.78		
10	QPSK	25	12	19.79	19.74	19.81	21.3	0
10	QPSK	25	25	19.70	19.86	19.75		
10	QPSK	50	0	19.74	19.83	19.77		
10	16QAM	1	0	19.78	19.78	19.82		
10	16QAM	1	25	19.76	19.69	19.72	21.3	0
10	16

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.11	22.21	22.14	23	0
10	QPSK	1	25	22.01	22.11	21.95		
10	QPSK	1	49	22.07	22.20	22.03		
10	QPSK	25	0	21.16	21.18	21.13	22	1
10	QPSK	25	12	21.09	21.15	20.98		
10	QPSK	25	25	21.03	21.13	21.15		
10	QPSK	50	0	21.01	21.09	21.06		
10	16QAM	1	0	21.02	21.18	21.00	22	1
10	16QAM	1	25	21.00	21.11	21.06		
10	16QAM	1	49	21.02	21.08	21.03		
10	16QAM	25	0	20.17	20.23	20.12	21	2
10	16QAM	25	12	20.10	20.17	20.13		
10	16QAM	25	25	20.14	20.17	20.03		
10	16QAM	50	0	20.14	20.21	20.17		
10	64QAM	1	0	20.17	20.21	20.06	21	2
10	64QAM	1	25	20.01	20.07	20.06		
10	64QAM	1	49	19.99	20.11	19.98		
10	64QAM	25	0	19.16	19.23	19.17	20	3
10	64QAM	25	12	19.18	19.21	19.10		
10	64QAM	25	25	19.09	19.17	19.08		
10	64QAM	50	0	19.03	19.17	18.96		
10	256QAM	1	0	17.30	17.29	17.18	18	5
10	256QAM	1	25	17.20	17.33	17.15		
10	256QAM	1	49	17.17	17.28	17.14		
10	256QAM	25	0	17.10	17.13	17.08	18	5
10	256QAM	25	12	17.13	17.18	17.13		
10	256QAM	25	25	17.12	17.20	17.17		
10	256QAM	50	0	17.02	17.17	17.13		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.02	22.13	22.09	23	0
5	QPSK	1	12	21.91	21.96	21.90		
5	QPSK	1	24	22.04	22.03	21.94		
5	QPSK	12	0	21.09	21.05	21.09	22	1
5	QPSK	12	7	21.01	21.06	20.91		
5	QPSK	12	13	20.89	21.04	21.11		
5	QPSK	25	0	20.97	21.01	20.92		
5	16QAM	1	0	20.94	21.08	20.92	22	1
5	16QAM	1	12	20.92	20.98	20.95		
5	16QAM	1	24	20.94	20.97	20.90		
5	16QAM	12	0	20.05	20.10	20.01	21	2
5	16QAM	12	7	19.99	20.12	20.09		
5	16QAM	12	13	20.06	20.08	19.94		
5	16QAM	25	0	20.01	20.06	20.06		
5	64QAM	1	0	20.07	20.14	20.00	21	2
5	64QAM	1	12	19.96	19.94	20.02		
5	64QAM	1	24	19.84	20.06	19.86		
5	64QAM	12	0	19.08	19.08	19.11	20	3
5	64QAM	12	7	19.07	19.08	18.98		
5	64QAM	12	13	19.01	19.11	19.01		
5	64QAM	25	0	18.93	19.02	18.85		
5	256QAM	1	0	17.24	17.21	17.12	18	5
5	256QAM	1	12	17.08	17.18	17.06		
5	256QAM	1	24	17.13	17.24	17.06		
5	256QAM	12	0	16.97	17.04	17.05	18	5
5	256QAM	12	7	16.99	17.11	17.04		
5	256QAM	12	13	17.00	17.16	17.06		
5	256QAM	25	0	16.96	17.11	16.99		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.05	22.10	22.04	23	0
3	QPSK	1	8	21.95	21.98	21.85		
3	QPSK	1	14	22.03	21.95	21.92		
3	QPSK	8	0	21.09	21.09	21.01	22	1
3	QPSK	8	4	20.95	21.04	20.90		
3	QPSK	8	7	20.97	21.00	21.07		
3	QPSK	15	0	20.88	21.00	20.96		
3	16QAM	1	0	20.96	21.10	20.96	22	1
3	16QAM	1	8	20.87	21.07	21.02		
3	16QAM	1	14	20.90	20.98	20.89		
3	16QAM	8	0	20.06	20.11	19.98	21	2
3	16QAM	8	4	20.01	20.08	20.06		
3	16QAM	8	7	20.02	20.12	19.89		
3	16QAM	15	0	20.11	20.17	20.12		
3	64QAM	1	0	20.05	20.17	19.96	21	2
3	64QAM	1	8	19.89	20.02	19.96		
3	64QAM	1	14	19.87	20.00	19.88		
3	64QAM	8	0	19.05	19.08	19.13	20	3
3	64QAM	8	4	19.11	19.07	19.06		
3	64QAM	8	7	18.96	19.07	19.04		
3	64QAM	15	0	18.93	19.11	18.92		
3	256QAM	1	0	17.22	17.18	17.09	18	5
3	256QAM	1	8	17.06	17.29	17.05		
3	256QAM	1	14	17.14	17.24	17.04		
3	256QAM	8	0	16.98	17.02	16.96	18	5
3	256QAM	8	4	17.02	17.13	17.03		
3	256QAM	8	7	17.02	17.11	17.04		
3	256QAM	15	0	16.92	17.10	17.05		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.06	22.17	22.02	23	0
1.4	QPSK	1	3	21.87	22.06	21.85		
1.4	QPSK	1	5	22.04	22.05	21.89		
1.4	QPSK	3	0	22.07	22.11	22.03		
1.4	QPSK	3	1	21.88	21.97	21.87		
1.4	QPSK	3	3	21.96	21.99	21.97		
1.4	QPSK	6	0	21.04	21.08	21.02	22	1
1.4	16QAM	1	0	20.99	21.05	20.86	22	1
1.4	16QAM	1	3	20.92	21.07	21.04		
1.4	16QAM	1	5	20.94	20.98	20.93		
1.4	16QAM	3	0	20.92	21.14	20.87		
1.4	16QAM	3	1	20.90	20.96	21.01		
1.4	16QAM	3	3	20.91	20.94	20.90		
1.4	16QAM	6	0	20.11	20.11	19.98	21	2
1.4	64QAM	1	0	19.99	20.08	20.01	21	2
1.4	64QAM	1	3	20.10	20.04	19.88		
1.4	64QAM	1	5	20.03	20.07	20.07		
1.4	64QAM	3	0	20.10	20.17	19.93		
1.4	64QAM	3	1	19.90	19.99	20.00		
1.4	64QAM	3	3	19.87	20.08	19.90		
1.4	64QAM	6	0	19.09	19.13	19.05	20	3
1.4	256QAM	1	0	17.17	17.18	17.09	18	5
1.4	256QAM	1	3	17.13	17.30	17.11		
1.4	256QAM	1	5	17.12	17.20	17.07		
1.4	256QAM	3	0	17.02	17.06	17.05		
1.4	256QAM	3	1	17.06	17.05	17.06		
1.4	256QAM	3	3	17.00	17.11	17.12		
1.4	256QAM	6	0	16.97	17.13	17.06	18	5

Band 13 Ant 0 ECI 10

BW [MHz]	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		21.49		22.7	0
10	QPSK	1	25		21.45			
10	QPSK	1	49		21.43			
10	QPSK	25	0		20.83		22	0.7
10	QPSK	25	12		20.71			
10	QPSK	25	25		20.78			
10	QPSK	50	0		20.78			
10	16QAM	1	0		20.75		22	0.7
10	16QAM	1	25		20.63			
10	16QAM	1	49		20.68			
10	16QAM	25	0		19.77		21	1.7
10	16QAM	25	12		19.73			
10	16QAM	25	25		19.81			
10	16QAM	50	0		19.77			
10	64QAM	1	0		19.76		21	1.7
10	64QAM	1	25		19.67			
10	64QAM	1	49		19.65			
10	64QAM	25	0		18.88		20	2.7
10	64QAM	25	12		18.74			
10	64QAM	25	25		18.72			
10	64QAM	50	0		18.81			
10	256QAM	1	0		16.77		18	4.7
10	256QAM	1	25		16.75			
10	256QAM	1	49		16.78			
10	256QAM	25	0		16.78		18	4.7
10	256QAM	25	12		16.75			
10	256QAM	25	25		16.62			
10	256QAM	50	0		16.71			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.36	21.43	21.41	22.7	0
5	QPSK	1	12	21.41	21.38	21.34		
5	QPSK	1	24	21.39	21.39	21.40		
5	QPSK	12	0	20.70	20.72	20.78	22	0.7
5	QPSK	12	7	20.59	20.63	20.66		
5	QPSK	12	13	20.66	20.72	20.68		
5	QPSK	25	0	20.74	20.73	20.67		
5	16QAM	1	0	20.63	20.71	20.65	22	0.7
5	16QAM	1	12	20.50	20.58	20.60		
5	16QAM	1	24	20.54	20.62	20.60		
5	16QAM	12	0	19.66	19.74	19.69	21	1.7
5	16QAM	12	7	19.60	19.68	19.69		
5	16QAM	12	13	19.77	19.76	19.77		
5	16QAM	25	0	19.72	19.70	19.72		
5	64QAM	1	0	19.65	19.66	19.62	21	1.7
5	64QAM	1	12	19.60	19.54	19.57		
5	64QAM	1	24	19.60	19.61	19.59		
5	64QAM	12	0	18.80	18.83	18.78	20	2.7
5	64QAM	12	7	18.61	18.64	18.60		
5	64QAM	12	13	18.68	18.63	18.63		
5	64QAM	25	0	18.79	18.67	18.71		
5	256QAM	1	0	16.74	16.69	16.68	18	4.7
5	256QAM	1	12	16.65	16.70	16.72		
5	256QAM	1	24	16.66	16.68	16.68		
5	256QAM	12	0	16.75	16.75	16.72	18	4.7
5	256QAM	12	7	16.63	16.66	16.65		
5	256QAM	12	13	16.59	16.51	16.56		
5	256QAM	25	0	16.68	16.63	16.59		

Band 14 Ant 0 ECI 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.31		23	0
10	QPSK	1	25		22.28			
10	QPSK	1	49		22.24			
10	QPSK	25	0		21.31		22	1
10	QPSK	25	12		21.22			
10	QPSK	25	25		21.21			
10	QPSK	50	0		21.25			
10	16QAM	1	0		21.20		22	1
10	16QAM	1	25		21.14			
10	16QAM	1	49		21.21			
10	16QAM	25	0		20.39		21	2
10	16QAM	25	12		20.36			
10	16QAM	25	25		20.34			
10	16QAM	50	0		20.30			
10	64QAM	1	0		20.34		21	2
10	64QAM	1	25		20.22			
10	64QAM	1	49		20.16			
10	64QAM	25	0		19.37		20	3
10	64QAM	25	12		19.35			
10	64QAM	25	25		19.25			
10	64QAM	50	0		19.21			
10	256QAM	1	0		17.48		18	5
10	256QAM	1	25		17.47			
10	256QAM	1	49		17.42			
10	256QAM	25	0		17.21		18	5
10	256QAM	25	12		17.23			
10	256QAM	25	25		17.41			
10	256QAM	50	0		17.33			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.19	22.27	22.21	23	0
5	QPSK	1	12	22.15	22.21	22.16		
5	QPSK	1	24	22.10	22.14	22.18		
5	QPSK	12	0	21.27	21.27	21.27	22	1
5	QPSK	12	7	21.11	21.16	21.16		
5	QPSK	12	13	21.08	21.13	21.07		
5	QPSK	25	0	21.14	21.17	21.13		
5	16QAM	1	0	21.14	21.12	21.11	22	1
5	16QAM	1	12	21.01	21.08	21.10		
5	16QAM	1	24	21.14	21.11	21.18		
5	16QAM	12	0	20.34	20.24	20.28	21	2
5	16QAM	12	7	20.24	20.30	20.28		
5	16QAM	12	13	20.26	20.31	20.26		
5	16QAM	25	0	20.22	20.18	20.22		
5	64QAM	1	0	20.26	20.24	20.25	21	2
5	64QAM	1	12	20.09	20.08	20.14		
5	64QAM	1	24	20.07	20.09	20.06		
5	64QAM	12	0	19.29	19.29	19.29	20	3
5	64QAM	12	7	19.27	19.25	19.30		
5	64QAM	12	13	19.10	19.14	19.13		
5	64QAM	25	0	19.14	19.07	19.17		
5	256QAM	1	0	17.45	17.39	17.33	18	5
5	256QAM	1	12	17.39	17.35	17.42		
5	256QAM	1	24	17.36	17.35	17.28		
5	256QAM	12	0	17.10	17.08	17.12	18	5
5	256QAM	12	7	17.15	17.14	17.08		
5	256QAM	12	13	17.27	17.28	17.34		
5	256QAM	25	0	17.28	17.20	17.19		

Band 17 Ant 0 ECI 10

BW [MHz]	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		22.10		23	0
10	QPSK	1	25		22.08			
10	QPSK	1	49		21.95			
10	QPSK	25	0		21.14		22	1
10	QPSK	25	12		21.06			
10	QPSK	25	25		21.10			
10	QPSK	50	0		20.97			
10	16QAM	1	0		21.02		22	1
10	16QAM	1	25		21.03			
10	16QAM	1	49		21.00			
10	16QAM	25	0		20.16		21	2
10	16QAM	25	12		20.16			
10	16QAM	25	25		20.09			
10	16QAM	50	0		20.14			
10	64QAM	1	0		20.09		21	2
10	64QAM	1	25		20.09			
10	64QAM	1	49		20.06			
10	64QAM	25	0		19.18		20	3
10	64QAM	25	12		19.20			
10	64QAM	25	25		19.06			
10	64QAM	50	0		19.01			
10	256QAM	1	0		17.25		18	5
10	256QAM	1	25		17.31			
10	256QAM	1	49		17.25			
10	256QAM	25	0		16.99		18	5
10	256QAM	25	12		17.10			
10	256QAM	25	25		17.15			
10	256QAM	50	0		17.10			
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.03	22.07	22.00	23	0
5	QPSK	1	12	21.96	22.04	21.96		
5	QPSK	1	24	21.90	21.83	21.92		
5	QPSK	12	0	21.08	21.11	21.00	22	1
5	QPSK	12	7	20.96	20.97	21.02		
5	QPSK	12	13	21.02	20.96	20.96		
5	QPSK	25	0	20.94	20.89	20.91		
5	16QAM	1	0	20.94	20.95	20.90	22	1
5	16QAM	1	12	20.96	20.99	20.92		
5	16QAM	1	24	20.93	20.94	20.95		
5	16QAM	12	0	20.08	20.04	20.06	21	2
5	16QAM	12	7	20.06	20.01	20.03		
5	16QAM	12	13	19.96	19.98	20.01		
5	16QAM	25	0	20.10	20.05	20.07		
5	64QAM	1	0	19.96	19.96	19.99	21	2
5	64QAM	1	12	19.94	20.04	19.97		
5	64QAM	1	24	19.96	19.99	19.96		
5	64QAM	12	0	19.05	19.03	19.06	20	3
5	64QAM	12	7	19.11	19.14	19.11		
5	64QAM	12	13	18.95	18.93	19.00		
5	64QAM	25	0	18.92	18.90	18.90		
5	256QAM	1	0	17.19	17.19	17.17	18	5
5	256QAM	1	12	17.21	17.25	17.23		
5	256QAM	1	24	17.18	17.14	17.14		
5	256QAM	12	0	16.90	16.95	16.89	18	5
5	256QAM	12	7	17.07	17.04	17.07		
5	256QAM	12	13	17.03	17.06	17.05		
5	256QAM	25	0	16.97	16.96	17.01		

Band 25 Ant 0 ECI 10

BW [MHz]	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)				1880	1880	1905		
20	QPSK	1	0	18.20	18.25	18.18	19.6	0
20	QPSK	1	49	18.06	18.13	18.10		
20	QPSK	1	99	18.12	18.22	18.11		
20	QPSK	50	0	18.14	18.21	18.09		
20	QPSK	50	24	18.09	18.20	18.08	19.6	0
20	QPSK	50	50	18.15	18.20	18.05		
20	QPSK	100	0	18.08	18.19	18.14		
20	16QAM	1	0	18.14	18.17	18.15		
20	16QAM	1	49	18.03	18.00	18.04	19.6	0
20	16QAM	1	99	18.06	18.12	18.00		
20	16QAM	50	0	18.04	18.10	17.99		
20	16QAM	50	24	18.01	18.16	17.98	19.6	0
20	16QAM	50	50	18.09	18.11	18.00		
20	16QAM	100	0	17.98	18.07	18.11		
20	64QAM	1	0	18.08	18.14	18.09		
20	64QAM	1	49	17.98	18.06	18.00	19.6	0
20	64QAM	1	99	18.02	18.11	18.08		
20	64QAM	50	0	18.01	18.10	17.97		
20	64QAM	50	24	18.06	18.09	17.98	19.6	0
20	64QAM	50	50	18.05	18.08	17.95		
20	64QAM	100	0	18.04	18.13	18.02		
20	256QAM	1	0	17.56	17.62	17.52		
20	256QAM	1	49	17.40	17.52	17.40	19	0.6
20	256QAM	1	99	17.49	17.61	17.41		
20	256QAM	50	0	17.54	17.54	17.41		
20	256QAM	50	24	17.49	17.59	17.40	19	0.6
20	256QAM	50	50	17.51	17.56	17.36		
20	256QAM	100	0	17.49	17.52	17.44		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.08	18.15	18.11	19.6	0
15	QPSK	1	37	17.97	18.10	17.98		
15	QPSK	1	74	18.02	18.12	18.06		
15	QPSK	36	0	18.04	18.16	18.04		
15	QPSK	36	20	17.96	18.16	18.00	19.6	0
15	QPSK	36	39	18.10	18.07	17.97		
15	QPSK	75	0	17.96	18.15	18.03		
15	16QAM	1	0	18.05	18.12	18.05		
15	16QAM	1	37	17.99	17.97	17.99	19.6	0
15	16QAM	1	74	17.92	18.04	17.94		
15	16QAM	36	0	18.00	18.06	17.90		
15	16QAM	36	20	17.90	18.09	17.87	19.6	0
15	16QAM	36	39	18.06	17.98	17.90		
15	16QAM	75	0	17.93	17.99	17.99		
15	64QAM	1	0	18.01	18.01	18.00		
15	64QAM	1	37	17.94	18.04	17.94	19.6	0
15	64QAM	1	74	17.97	17.99	18.03		
15	64QAM	36	0	17.96	18.01	17.86		
15	64QAM	36	20	17.99	18.00	17.91	19.6	0
15	64QAM	36	39	17.95	18.01	17.87		
15	64QAM	75	0	17.93	17.99	17.94		
15	256QAM	1	0	17.42	17.58	17.38		
15	256QAM	1	37	17.29	17.40	17.36	19	0.6
15	256QAM	1	74	17.39	17.57	17.37		
15	256QAM	36	0	17.47	17.40	17.38		
15	256QAM	36	20	17.41	17.54	17.36	19	0.6
15	256QAM	36	39	17.48	17.47	17.34		
15	256QAM	75	0	17.36	17.44	17.34		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.12	18.19	18.14	19.6	0
10	QPSK	1	25	17.99	18.10	18.04		
10	QPSK	1	49	18.06	18.17	18.00		
10	QPSK	25	0	18.11	18.08	17.98		
10	QPSK	25	12	18.05	18.07	17.98	19.6	0
10	QPSK	25	25	18.10	18.13	18.01		
10	QPSK	50	0	18.06	18.07	18.01		
10	16QAM	1	0	18.09	18.08	18.02		
10	16QAM	1	25	17.89	17.92	18.00	19.6	0
10	16QAM	1	49	18.04	18.08	17.92		
10	16QAM	25	0	17.98	17.98	17.89		
10	16QAM	25	12	17.87	18.03	17.86	19.6	0
10	16QAM	25	25	18.01	18.08	17.90		
10	16QAM	50	0	17.92	17.99	18.00		
10	64QAM	1	0	18.04	18.03	17.99		
10	64QAM	1	25	17.88	17.96	17.96	19.6	0
10	64QAM	1	49	17.98	18.08	17.97		
10	64QAM	25	0	17.87	18.02	17.91		
10	64QAM	25	12	17.95	18.02	17.86	19.6	0
10	64QAM	25	25	17.99	17.97	17.93		
10	64QAM	50	0	18.02	18.07	17.94		
10	256QAM	1	0	17.45	17.57	17.41		
10	256QAM	1	25	17.33	17.39	17.31	19	0.6
10	256QAM	1	49	17.43	17.58	17.32		
10	256QAM	25	0	17.46	17.51	17.36		
10	256QAM	25	12	17.36	17.55	17.32	19	0.6
10	256QAM	25	25	17.46	17.47	17.31		
10	256QAM	50	0	17.36	17.50	17.37		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.16	18.14	18.11	19.6	0
5	QPSK	1	12	18.00	18.00	18.01		
5	QPSK	1	24	18.01	18.11	18.01		
5	QPSK	12	0	18.05	18.07	18.01		
5	QPSK	12	7	17.97	18.15	18.04	19.6	0
5	QPSK	12	13	18.06	18.16	18.02		
5	QPSK	25	0	17.96	18.15	18.04		
5	16QAM	1	0	18.05	18.12	18.05		
5	16QAM	1	12	18.00	17.94	18.01	19.6	0
5	16QAM	1	24	18.02	18.09	17.95		
5	16QAM	12	0	17.99	17.97	17.86		
5	16QAM	12	7	17.97	18.11	17.86	19.6	0
5	16QAM	12	13	17.95	18.04	17.91		
5	16QAM	25	0	17.93	17.96	18.01		
5	64QAM	1	0	18.03	18.07	18.01		
5	64QAM	1	12	17.96	17.92	17.86	19.6	0
5	64QAM	1	24	17.92	18.05	17.96		
5	64QAM	12	0	17.92	18.00	17.92		
5	64QAM	12	7	17.93	17.98	17.90	19.6	0
5	64QAM	12	13	17.95	17.95	17.92		
5	64QAM	25	0	17.99	18.04	17.96		
5	256QAM	1	0	17.44	17.55	17.45		
5	256QAM	1	12	17.34	17.45	17.32	19	0.6
5	256QAM	1	24	17.40	17.47	17.30		
5	256QAM	12	0	17.45	17.50	17.37		
5	256QAM	12	7	17.36	17.50	17.38	19	0.6
5	256QAM	12	13	17.41	17.42	17.29		
5	256QAM	25	0	17.37	17.39	17.34		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.08	18.20	18.07	19.6	0
3	QPSK	1	8	18.02	18.06	18.04		
3	QPSK	1	14	18.00	18.16	18.08		
3	QPSK	8	0	18.07	18.13	17.96		
3	QPSK	8	4	17.95	18.06	18.02	19.6	0
3	QPSK	8	7	18.11	18.09	17.94		
3	QPSK	15	0	18.00	18.06	18.06		
3	16QAM	1	0	18.12	18.10	18.08		
3	16QAM	1	8	17.90	17.91	17.96	19.6	0
3	16QAM	1	14	17.99	18.04	17.93		
3	16QAM	8	0	17.97	17.99	17.91		
3	16QAM	8	4	17.93	18.04	17.93	19.6	0
3	16QAM	8	7	18.01	18.02	17.92		
3	16QAM	15	0	17.94	18.01	18.05		
3	64QAM	1	0	18.02	18.09	18.07		
3	64QAM	1	8	17.89	17.93	17.88	19.6	0
3	64QAM	1	14	17.96	18.05	17.96		
3	64QAM	8	0	17.92	18.05	17.95		
3	64QAM	8	4	17.95	18.05	17.94	19.6	0
3	64QAM	8	7	17.92	17.96	17.82		
3	64QAM	15	0	17.94	18.05	17.96		
3	256QAM	1	0	17.44	17.49	17.45		
3	256QAM	1	8	17.29	17.38	17.28	19	0.6
3	256QAM	1	14	17.38	17.47	17.35		
3	256QAM	8	0	17.43	17.44	17.36		
3	256QAM	8	4	17.41	17.52	17.29	19	0.6
3	256QAM	8	7	17.49	17.46	17.28		
3	256QAM	15	0	17.45	17.40	17.40		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.11	18.14	18.09	19.6	0
1.4	QPSK	1	3	18.00	18.01	17.97		
1.4	QPSK	1	5	18.03	18.18	18.05		
1.4	QPSK	3	0	18.04	18.10	17.98		
1.4	QPSK	3	1	17.98	18.10	18.05		
1.4	QPSK	3	3	18.05	18.08	17.93		
1.4	QPSK	6	0	17.97	18.14	18.12	19.6	0
1.4	16QAM	1	0	18.08	18.15	18.04	19.6	0
1.4	16QAM	1	3	17.91	17.91	17.97		
1.4	16QAM	1	5	18.04	18.07	17.93		
1.4	16QAM	3	0	18.00	18.05	17.91		
1.4	16QAM	3	1	17.95	18.12	17.94		
1.4	16QAM	3	3	17.98	18.03	17.94		
1.4	16QAM	6	0	17.95	17.96	18.03	19.6	0
1.4	64QAM	1	0	18.03	18.03	18.02	19.6	0
1.4	64QAM	1	3	17.85	18.03	17.91		
1.4	64QAM	1	5	17.92	17.98	18.01		
1.4	64QAM	3	0	17.96	18.07	17.84		
1.4	64QAM	3	1	18.02	18.00	17.93		
1.4	64QAM	3	3	17.93	18.00	17.82		
1.4	64QAM	6	0	17.97	18.09	17.89	19.6	0
1.4	256QAM	1	0	17.45	17.54	17.43	19	0.6
1.4	256QAM	1	3	17.36	17.49	17.33		
1.4	256QAM	1	5	17.36	17.59	17.30		
1.4	256QAM	3	0	17.45	17.43	17.28		
1.4	256QAM	3	1	17.44	17.55	17.36		
1.4	256QAM	3	3	17.48	17.45	17.30		
1.4	256QAM	6	0	17.42	17.49	17.35	19	0.6

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	19.95	19.98	19.93	21.3	0
15	QPSK	1	37	19.86	19.88	19.85		
15	QPSK	1	74	19.89	19.91	19.82		
15	QPSK	36	0	19.90	19.95	19.90		
15	QPSK	36	20	19.86	19.87	19.91	21.3	0
15	QPSK	36	39	19.82	19.93	19.83		
15	QPSK	75	0	19.84	19.90	19.84		
15	16QAM	1	0	19.84	19.89	19.92		
15	16QAM	1	37	19.81	19.81	19.74	21.3	0
15	16QAM	1	74	19.86	19.82	19.76		
15	16QAM	36	0	19.70	19.94	19.67		
15	16QAM	36	20	19.54	19.57	19.60	21	0.3
15	16QAM	36	39	19.56	19.55	19.47		
15	16QAM	75	0	19.61	19.61	19.60		
15	64QAM	1	0	19.51	19.55	19.64		
15	64QAM	1	37	19.57	19.57	19.52	21	0.3
15	64QAM	1	74	19.55	19.62	19.55		
15	64QAM	36	0	18.67	18.63	18.61		
15	64QAM	36	20	18.62	18.55	18.51	20	1.3
15	64QAM	36	39	18.65	18.61	18.47		
15	64QAM	75	0	18.62	18.70	18.63		
15	256QAM	1	0	16.65	16.66	16.64		
15	256QAM	1	37	16.55	16.63	16.49	18	3.3
15	256QAM	1	74	16.54	16.58	16.53		
15	256QAM	36	0	16.60	16.70	16.64		
15	256QAM	36	20	16.59	16.58	16.67	18	3.3
15	256QAM	36	39	16.58	16.58	16.58		
15	256QAM	75	0	16.59	16.58	16.53		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.83	19.95	19.91	21.3	0
10	QPSK	1	25	19.91	19.76	19.79		
10	QPSK	1	49	19.86	19.79	19.77		
10	QPSK	25	0	19.88	19.87	19.87	21.3	0
10	QPSK	25	12	19.79	19.83	19.87		
10	QPSK	25	25	19.79	19.88	19.76		
10	QPSK	50	0	19.80	19.83	19.79		
10	16QAM	1	0	19.71	19.85	19.90		
10	16QAM	1	25	19.70	19.71	19.70	21.3	0
10	16QAM	1	49	19.83	19.79	19.65		
10	16QAM	25	0	19.61	19.52	19.63		
10	16QAM	25	12	19.40	19.43	19.55	21	0.3
10	16QAM	25	25	19.42	19.49	19.34		
10	16QAM	50	0	19.59	19.54	19.47		
10	64QAM	1	0	19.48	19.52	19.61		
10	64QAM	1	25	19.53	19.47	19.46	21	0.3
10	64QAM	1	49	19.51	19.50	19.51		
10	64QAM	25	0	18.62	18.51	18.52		
10	64QAM	25	12	18.57	18.44	18.42	20	1.3
10	64QAM	25	25	18.63	18.53	18.39		
10	64QAM	50	0	18.50	18.61	18.50		
10	256QAM	1	0	16.57	16.64	16.54		
10	256QAM	1	25	16.48	16.60	16.40	18	3.3
10	256QAM	1	49	16.49	16.47	16.45		
10	256QAM	25	0	16.46	16.61	16.59		
10	256QAM	25	12	16.53	16.53	16.61	18	3.3
10	256QAM	25	25	16.49	16.55	16.54		
10	256QAM	50	0	16.49	16.48	16.49		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.93	19.89	19.83	21.3	0
5	QPSK	1	12	19.76	19.77	19.80		
5	QPSK	1	24	19.79	19.87	19.78		
5	QPSK	12	0	19.87	19.83	19.81	21.3	0
5	QPSK	12	7	19.78	19.76	19.81		
5	QPSK	12	13	19.73	19.87	19.79		
5	QPSK	25	0	19.73	19.85	19.72		
5	16QAM	1	0	19.71	19.80	19.86		
5	16QAM	1	12	19.72	19.72	19.65	21.3	0
5	16QAM	1	24	19.76	19.79	19.66		
5	16QAM	12	0	19.57	19.51	19.60		
5	16QAM	12	7	19.41	19.43	19.48	21	0.3
5	16QAM	12	13	19.49	19.44	19.42		
5	16QAM	25	0	19.50	19.56	19.49		
5	64QAM	1	0	19.41	19.53	19.55		
5	64QAM	1	12	19.43	19.46	19.48	21	0.3
5	64QAM	1	24	19.41	19.50	19.46		
5	64QAM	12	0	18.58	18.52	18.59		
5	64QAM	12	7	18.58	18.51	18.49	20	1.3
5	64QAM	12	13	18.51	18.57	18.43		
5	64QAM	25	0	18.58	18.60	18.58		
5	256QAM	1	0	16.57	16.58	16.62		
5	256QAM	1	12	16.45	16.57	16.45	18	3.3
5	256QAM	1	24	16.43	16.54	16.40		
5	256QAM	12	0	16.50	16.62	16.62		
5	256QAM	12	7	16.56	16.48	16.56	18	3.3
5	256QAM	12	13	16.48	16.52	16.48		
5	256QAM	25	0	16.52	16.52	16.47		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.82	19.96	19.82	21.3	0
3	QPSK	1	8	19.83	19.81	19.82		
3	QPSK	1	14	19.79	19.80	19.73		
3	QPSK	8	0	19.84	19.86	19.84	21.3	0
3	QPSK	8	4	19.79	19.75	19.81		
3	QPSK	8	7	19.73	19.86	19.73		
3	QPSK	15	0	19.76	19.87	19.73		
3	16QAM	1	0	19.80	19.85	19.86	21.3	0
3	16QAM	1	8	19.79	19.77	19.69		
3	16QAM	1	14	19.77	19.72	19.74		
3	16QAM	8	0	19.66	19.50	19.62	21	0.3
3	16QAM	8	4	19.48	19.48	19.55		
3	16QAM	8	7	19.46	19.51	19.38		
3	16QAM	15	0	19.59	19.53	19.58		
3	64QAM	1	0	19.47	19.53	19.51	21	0.3
3	64QAM	1	8	19.52	19.48	19.50		
3	64QAM	1	14	19.42	19.51	19.51		
3	64QAM	8	0	18.61	18.55	18.58	20	1.3
3	64QAM	8	4	18.53	18.44	18.44		
3	64QAM	8	7	18.53	18.51	18.37		
3	64QAM	15	0	18.54	18.67	18.58		
3	256QAM	1	0	16.61	16.56	16.57	18	3.3
3	256QAM	1	8	16.52	16.52	16.43		
3	256QAM	1	14	16.50	16.45	16.43		
3	256QAM	8	0	16.55	16.65	16.57	18	3.3
3	256QAM	8	4	16.46	16.44	16.58		
3	256QAM	8	7	16.47	16.52	16.46		
3	256QAM	15	0	16.46	16.51	16.40		
Channel				26907	26965	27023	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.88	19.93	19.86	21.3	0
1.4	QPSK	1	3	19.81	19.79	19.72		
1.4	QPSK	1	5	19.80	19.80	19.71		
1.4	QPSK	3	0	19.80	19.92	19.79		
1.4	QPSK	3	1	19.82	19.75	19.88		
1.4	QPSK	3	3	19.78	19.88	19.75		
1.4	QPSK	6	0	19.70	19.83	19.80	21.3	0
1.4	16QAM	1	0	19.70	19.82	19.89	21.3	0
1.4	16QAM	1	3	19.73	19.71	19.60		
1.4	16QAM	1	5	19.75	19.75	19.71		
1.4	16QAM	3	0	19.62	19.61	19.64		
1.4	16QAM	3	1	19.46	19.51	19.58		
1.4	16QAM	3	3	19.44	19.44	19.33		
1.4	16QAM	6	0	19.51	19.55	19.49	21	0.3
1.4	64QAM	1	0	19.39	19.48	19.59	21	0.3
1.4	64QAM	1	3	19.51	19.44	19.41		
1.4	64QAM	1	5	19.46	19.56	19.42		
1.4	64QAM	3	0	19.28	19.40	19.54		
1.4	64QAM	3	1	19.40	19.39	19.38		
1.4	64QAM	3	3	19.36	19.48	19.28		
1.4	64QAM	6	0	18.51	18.63	18.49	20	1.3
1.4	256QAM	1	0	16.53	16.56	16.59	18	3.3
1.4	256QAM	1	3	16.48	16.57	16.42		
1.4	256QAM	1	5	16.46	16.45	16.41		
1.4	256QAM	3	0	16.46	16.65	16.60		
1.4	256QAM	3	1	16.50	16.52	16.61		
1.4	256QAM	3	3	16.52	16.47	16.45		
1.4	256QAM	6	0	16.56	16.51	16.40	18	3.3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		19.96		21.1	0
10	QPSK	1	25		19.94			
10	QPSK	1	49		19.92			
10	QPSK	25	0		19.93			
10	QPSK	25	12		19.82		21.1	0
10	QPSK	25	25		19.89			
10	QPSK	50	0		19.91			
10	16QAM	1	0		19.90			
10	16QAM	1	25		19.89		21.1	0
10	16QAM	1	49		19.90			
10	16QAM	25	0		19.86			
10	16QAM	25	12		19.74		21.1	0
10	16QAM	25	25		19.86			
10	16QAM	50	0		19.88			
10	64QAM	1	0		19.82			
10	64QAM	1	25		19.90		21.1	0
10	64QAM	1	49		19.89			
10	64QAM	25	0		19.89			
10	64QAM	25	12		19.70		21.1	0
10	64QAM	25	25		19.79			
10	64QAM	50	0		19.79			
10	256QAM	1	0		18.84			
10	256QAM	1	25		18.90		20	1.1
10	256QAM	1	49		18.88			
10	256QAM	25	0		18.88			
10	256QAM	25	12		18.73		20	1.1
10	256QAM	25	25		18.76			
10	256QAM	50	0		18.77			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	19.87	19.94	19.84	21.1	0
5	QPSK	1	12	19.86	19.83	19.89		
5	QPSK	1	24	19.83	19.79	19.81		
5	QPSK	12	0	19.87	19.80	19.91	21.1	0
5	QPSK	12	7	19.75	19.79	19.72		
5	QPSK	12	13	19.77	19.78	19.82		
5	QPSK	25	0	19.78	19.88	19.86		
5	16QAM	1	0	19.85	19.77	19.87	21.1	0
5	16QAM	1	12	19.80	19.79	19.83		
5	16QAM	1	24	19.84	19.88	19.80		
5	16QAM	12	0	19.75	19.82	19.81	21.1	0
5	16QAM	12	7	19.60	19.69	19.62		
5	16QAM	12	13	19.79	19.73	19.83		
5	16QAM	25	0	19.76	19.80	19.81		
5	64QAM	1	0	19.79	19.79	19.74	21.1	0
5	64QAM	1	12	19.79	19.79	19.83		
5	64QAM	1	24

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.24	16.30	16.28	17.3	0
20	QPSK	1	49	16.11	16.23	16.24		
20	QPSK	1	99	16.11	16.27	16.17		
20	QPSK	50	0	16.15	16.27	16.18	17.3	0
20	QPSK	50	24	16.19	16.21	16.22		
20	QPSK	50	50	16.15	16.18	16.24		
20	QPSK	100	0	16.19	16.25	16.19		
20	16QAM	1	0	16.21	16.24	16.22	17.3	0
20	16QAM	1	49	16.08	16.15	16.20		
20	16QAM	1	99	16.01	16.14	16.06		
20	16QAM	50	0	16.09	16.24	16.15	17.3	0
20	16QAM	50	24	16.16	16.08	16.18		
20	16QAM	50	50	16.10	16.10	16.15		
20	16QAM	100	0	16.09	16.11	16.08		
20	64QAM	1	0	16.14	16.18	16.20	17.3	0
20	64QAM	1	49	16.09	16.18	16.12		
20	64QAM	1	99	16.04	16.22	16.14		
20	64QAM	50	0	16.12	16.24	16.14	17.3	0
20	64QAM	50	24	16.07	16.12	16.13		
20	64QAM	50	50	16.06	16.13	16.21		
20	64QAM	100	0	16.08	16.18	16.12		
20	256QAM	1	0	16.11	16.19	16.14	17.3	0
20	256QAM	1	49	16.09	16.15	16.22		
20	256QAM	1	99	16.09	16.19	16.12		
20	256QAM	50	0	16.03	16.23	16.13	17.3	0
20	256QAM	50	24	16.09	16.08	16.12		
20	256QAM	50	50	16.04	16.05	16.17		
20	256QAM	100	0	16.09	16.20	16.12		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.12	16.24	16.17	17.3	0
15	QPSK	1	37	15.99	16.15	16.18		
15	QPSK	1	74	16.04	16.21	16.08		
15	QPSK	36	0	16.13	16.21	16.14	17.3	0
15	QPSK	36	20	16.08	16.16	16.13		
15	QPSK	36	39	16.04	16.15	16.17		
15	QPSK	75	0	16.15	16.20	16.06		
15	16QAM	1	0	16.13	16.21	16.08	17.3	0
15	16QAM	1	37	15.95	16.02	16.08		
15	16QAM	1	74	15.88	16.00	15.94		
15	16QAM	36	0	15.97	16.20	16.09	17.3	0
15	16QAM	36	20	16.05	16.00	16.09		
15	16QAM	36	39	16.01	16.00	16.13		
15	16QAM	75	0	15.96	15.98	16.05		
15	64QAM	1	0	16.06	16.07	16.13	17.3	0
15	64QAM	1	37	15.98	16.10	16.00		
15	64QAM	1	74	16.00	16.18	16.07		
15	64QAM	36	0	15.98	16.14	16.04	17.3	0
15	64QAM	36	20	15.94	16.07	16.04		
15	64QAM	36	39	16.02	15.99	16.12		
15	64QAM	75	0	15.96	16.12	16.04		
15	256QAM	1	0	16.02	16.09	16.06	17.3	0
15	256QAM	1	37	16.01	16.07	16.14		
15	256QAM	1	74	15.99	16.10	16.08		
15	256QAM	36	0	15.99	16.20	16.07	17.3	0
15	256QAM	36	20	16.05	16.05	15.99		
15	256QAM	36	39	15.96	16.02	16.06		
15	256QAM	75	0	15.95	16.11	16.02		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.13	16.26	16.24	17.3	0
10	QPSK	1	25	16.04	16.10	16.21		
10	QPSK	1	49	16.07	16.13	16.12		
10	QPSK	25	0	16.09	16.21	16.16	17.3	0
10	QPSK	25	12	16.05	16.17	16.17		
10	QPSK	25	25	16.03	16.07	16.19		
10	QPSK	50	0	16.09	16.15	16.15		
10	16QAM	1	0	16.07	16.17	16.09	17.3	0
10	16QAM	1	25	16.01	16.11	16.14		
10	16QAM	1	49	15.97	16.03	15.93		
10	16QAM	25	0	16.03	16.15	16.04	17.3	0
10	16QAM	25	12	16.05	15.99	16.14		
10	16QAM	25	25	15.97	16.00	16.05		
10	16QAM	50	0	15.99	16.03	16.01		
10	64QAM	1	0	16.05	16.04	16.13	17.3	0
10	64QAM	1	25	16.04	16.13	15.99		
10	64QAM	1	49	15.94	16.19	16.00		
10	64QAM	25	0	16.09	16.20	16.02	17.3	0
10	64QAM	25	12	15.94	16.00	16.02		
10	64QAM	25	25	15.92	16.00	16.16		
10	64QAM	50	0	16.03	16.07	16.09	17.3	0
10	256QAM	1	0	16.02	16.06	16.07		
10	256QAM	1	25	15.97	16.04	16.18		
10	256QAM	1	49	15.96	16.11	16.00		
10	256QAM	25	0	15.92	16.20	16.08	17.3	0
10	256QAM	25	12	16.02	16.05	15.98		
10	256QAM	25	25	16.01	15.96	16.13		
10	256QAM	50	0	16.07	16.08	16.07		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.14	16.24	16.16	17.3	0
5	QPSK	1	12	16.00	16.15	16.13		
5	QPSK	1	24	16.01	16.15	16.14		
5	QPSK	12	0	16.12	16.20	16.16	17.3	0
5	QPSK	12	7	16.11	16.18	16.15		
5	QPSK	12	13	16.06	16.08	16.19		
5	QPSK	25	0	16.17	16.15	16.12		
5	16QAM	1	0	16.07	16.14	16.11	17.3	0
5	16QAM	1	12	15.96	16.02	16.08		
5	16QAM	1	24	15.96	16.08	15.98		
5	16QAM	12	0	15.97	16.11	16.02	17.3	0
5	16QAM	12	7	16.03	16.04	16.14		
5	16QAM	12	13	15.99	16.01	16.04		
5	16QAM	25	0	16.01	16.08	16.03		
5	64QAM	1	0	16.00	16.10	16.16	17.3	0
5	64QAM	1	12	16.00	16.13	16.05		
5	64QAM	1	24	15.97	16.14	16.10		
5	64QAM	12	0	16.00	16.19	16.03	17.3	0
5	64QAM	12	7	15.96	16.08	16.05		
5	64QAM	12	13	15.96	16.05	16.10		
5	64QAM	25	0	16.02	16.05	16.04		
5	256QAM	1	0	15.98	16.15	16.02	17.3	0
5	256QAM	1	12	15.98	16.06	16.15		
5	256QAM	1	24	16.07	16.08	16.04		
5	256QAM	12	0	15.93	16.19	15.99	17.3	0
5	256QAM	12	7	16.00	16.03	16.06		
5	256QAM	12	13	16.00	15.98	16.09		
5	256QAM	25	0	16.07	16.18	16.02		
Channel				131982	132322	132662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.18	16.17	16.24	17.3	0
3	QPSK	1	8	16.02	16.09	16.19		
3	QPSK	1	14	16.04	16.20	16.09		
3	QPSK	8	0	16.06	16.24	16.10	17.3	0
3	QPSK	8	4	16.06	16.12	16.13		
3	QPSK	8	7	16.03	16.08	16.15		
3	QPSK	15	0	16.11	16.21	16.06		
3	16QAM	1	0	16.16	16.17	16.09	17.3	0
3	16QAM	1	8	15.98	16.12	16.17		
3	16QAM	1	14	15.92	16.11	15.94		
3	16QAM	8	0	16.00	16.16	16.12	17.3	0
3	16QAM	8	4	16.10	16.01	16.11		
3	16QAM	8	7	16.08	16.03	16.12		
3	16QAM	15	0	16.01	16.04	16.02		
3	64QAM	1	0	16.03	16.04	16.16	17.3	0
3	64QAM	1	8	16.04	16.05	16.03		
3	64QAM	1	14	15.96	16.19	16.03		
3	64QAM	8	0	16.08	16.12	16.00	17.3	0
3	64QAM	8	4	16.02	16.10	16.05		
3	64QAM	8	7	15.98	16.01	16.15		
3	64QAM	15	0	16.00	16.13	16.01		
3	256QAM	1	0	16.01	16.07	16.06	17.3	0
3	256QAM	1	8	15.98	16.02	16.12		
3	256QAM	1	14	15.96	16.10	16.03		
3	256QAM	8	0	15.99	16.09	16.00	17.3	0
3	256QAM	8	4	15.96	16.01	15.99		
3	256QAM	8	7	16.04	15.92	16.12		
3	256QAM	15	0	15.95	16.09	16.03		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.15	16.22	16.16	17.3	0
1.4	QPSK	1	3	16.00	16.21	16.15		
1.4	QPSK	1	5	15.99	16.16	16.11		
1.4	QPSK	3	0	16.06	16.14	16.06		
1.4	QPSK	3	1	16.11	16.19	16.18		
1.4	QPSK	3	3	16.02	16.04	16.12		
1.4	QPSK	6	0	16.13	16.16	16.11	17.3	0
1.4	16QAM	1	0	16.19	16.13	16.20	17.3	0
1.4	16QAM	1	3	16.02	16.05	16.09		
1.4	16QAM	1	5	15.92	16.09	16.03		
1.4	16QAM	3	0	15.99	16.10	16.06		
1.4	16QAM	3	1	16.02	15.95	16.14		
1.4	16QAM	3	3	15.97	16.07	16.07		
1.4	16QAM	6	0	16.02	16.01	15.97	17.3	0
1.4	64QAM	1	0	16.02	16.09	16.10	17.3	0
1.4	64QAM	1	3	16.00	16.13	16.05		
1.4	64QAM	1	5	15.94	16.09	16.00		
1.4	64QAM	3	0	16.10	16.12	16.08		
1.4	64QAM	3	1	16.05	16.08	16.08		
1.4	64QAM	3	3	16.03	16.06	16.09		
1.4	64QAM	6	0	16.03	16.10	16.09	17.3	0
1.4	256QAM	1	0	15.98	16.15	16.05	17.3	0
1.4	256QAM	1	3	16.04	16.07	16.09		
1.4	256QAM	1	5	16.04	16.06	16.09		
1.4	256QAM	3	0	15.93	16.16	16.05		
1.4	256QAM	3	1	16.06	15.95	16.07		
1.4	256QAM	3	3	16.00	15.94	16.08		
1.4	256QAM	6	0	16.07	16.10	15.98	17.3	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.51	22.54	22.52	23.7	0
20	QPSK	1	49	22.42	22.46	22.46		
20	QPSK	1	99	22.51	22.45	22.44		
20	QPSK	50	0	21.49	21.60	21.50	23	0.7
20	QPSK	50	24	21.43	21.46	21.35		
20	QPSK	50	50	21.44	21.53	21.47		
20	QPSK	100	0	21.48	21.61	21.52		
20	16QAM	1	0	21.49	21.53	21.46	23	0.7
20	16QAM	1	49	21.53	21.54	21.42		
20	16QAM	1	99	21.33	21.55	21.39		
20	16QAM	50	0	20.58	20.54	20.56	22	1.7
20	16QAM	50	24	20.68	20.60	20.54		
20	16QAM	50	50	20.56	20.61	20.33		
20	16QAM	100	0	20.48	20.68	20.58		
20	64QAM	1	0	20.60	20.61	20.52	22	1.7
20	64QAM	1	49	20.47	20.61	20.37		
20	64QAM	1	99	20.53	20.46	20.39		
20	64QAM	50	0	19.51	19.78	19.58	21	2.7
20	64QAM	50	24	19.49	19.70	19.54		
20	64QAM	50	50	19.47	19.52	19.59		
20	64QAM	100	0	19.48	19.53	19.33		
20	256QAM	1	0	17.66	17.67	17.66	19	4.7
20	256QAM	1	49	17.50	17.71	17.47		
20	256QAM	1	99	17.49	17.58	17.65		
20	256QAM	50	0	17.56	17.65	17.57	19	4.7
20	256QAM	50	24	17.50	17.54	17.64		
20	256QAM	50	50	17.62	17.62	17.68		
20	256QAM	100	0	17.48	17.57	17.54		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.43	22.50	22.39	23.7	0
15	QPSK	1	37	22.32	22.41	22.39		
15	QPSK	1	74	22.40	22.35	22.32		
15	QPSK	36	0	21.37	21.51	21.36	23	0.7
15	QPSK	36	20	21.37	21.36	21.20		
15	QPSK	36	39	21.32	21.48	21.38		
15	QPSK	75	0	21.36	21.58	21.40		
15	16QAM	1	0	21.35	21.40	21.41	23	0.7
15	16QAM	1	37	21.38	21.48	21.36		
15	16QAM	1	74	21.23	21.51	21.35		
15	16QAM	36	0	20.52	20.48	20.42	22	1.7
15	16QAM	36	20	20.64	20.54	20.50		
15	16QAM	36	39	20.50	20.50	20.27		
15	16QAM	75	0	20.42	20.57	20.52		
15	64QAM	1	0	20.56	20.51	20.37	22	1.7
15	64QAM	1	37	20.32	20.50	20.26		
15	64QAM	1	74	20.47	20.32	20.29		
15	64QAM	36	0	19.37	19.68	19.50	21	2.7
15	64QAM	36	20	19.36	19.59	19.41		
15	64QAM	36	39	19.38	19.45	19.50		
15	64QAM	75	0	19.34	19.48	19.27		
15	256QAM	1	0	17.59	17.55	17.62	19	4.7
15	256QAM	1	37	17.38	17.62	17.35		
15	256QAM	1	74	17.41	17.48	17.51		
15	256QAM	36	0	17.52	17.55	17.50	19	4.7
15	256QAM	36	20	17.42	17.45	17.56		
15	256QAM	36	39	17.58	17.52	17.60		
15	256QAM	75	0	17.35	17.48	17.49		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.36	22.42	22.46	23.7	0
10	QPSK	1	25	22.34	22.31	22.36		
10	QPSK	1	49	22.45	22.36	22.35		
10	QPSK	25	0	21.34	21.55	21.36	23	0.7
10	QPSK	25	12	21.31	21.39	21.24		
10	QPSK	25	25	21.40	21.47	21.33		
10	QPSK	50	0	21.44	21.52	21.39		
10	16QAM	1	0	21.34	21.39	21.42	23	0.7
10	16QAM	1	25	21.39	21.51	21.28		
10	16QAM	1	49	21.22	21.43	21.31		
10	16QAM	25	0	20.46	20.49	20.49	22	1.7
10	16QAM	25	12	20.57	20.48	20.43		
10	16QAM	25	25	20.41	20.53	20.24		
10	16QAM	50	0	20.43	20.58	20.45		
10	64QAM	1	0	20.56	20.47	20.39	22	1.7
10	64QAM	1	25	20.36	20.48	20.29		
10	64QAM	1	49	20.44	20.40	20.30		
10	64QAM	25	0	19.47	19.73	19.44	21	2.7
10	64QAM	25	12	19.40	19.59	19.44		
10	64QAM	25	25	19.40	19.42	19.54		
10	64QAM	50	0	19.36	19.39	19.22		
10	256QAM	1	0	17.58	17.61	17.55	19	4.7
10	256QAM	1	25	17.38	17.59	17.41		
10	256QAM	1	49	17.43	17.55	17.56		
10	256QAM	25	0	17.45	17.56	17.49	19	4.7
10	256QAM	25	12	17.38	17.46	17.56		
10	256QAM	25	25	17.52	17.57	17.55		
10	256QAM	50	0	17.33	17.47	17.40		
Channel				133147	133247	133347	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	685.5		
5	QPSK	1	0	22.46	22.51	22.42	23.7	0
5	QPSK	1	12	22.31	22.34	22.32		
5	QPSK	1	24	22.39	22.31	22.33		
5	QPSK	12	0	21.43	21.49	21.44	23	0.7
5	QPSK	12	7	21.33	21.40	21.27		
5	QPSK	12	13	21.29	21.48	21.44		
5	QPSK	25	0	21.34	21.49	21.44		
5	16QAM	1	0	21.36	21.44	21.35	23	0.7
5	16QAM	1	12	21.43	21.42	21.32		
5	16QAM	1	24	21.19	21.43	21.27		
5	16QAM	12	0	20.51	20.45	20.43	22	1.7
5	16QAM	12	7	20.65	20.51	20.47		
5	16QAM	12	13	20.46	20.49	20.21		
5	16QAM	25	0	20.35	20.55	20.48		
5	64QAM	1	0	20.53	20.49	20.41	22	1.7
5	64QAM	1	12	20.42	20.48	20.28		
5	64QAM	1	24	20.42	20.34	20.31		
5	64QAM	12	0	19.41	19.69	19.49	21	2.7
5	64QAM	12	7	19.39	19.60	19.50		
5	64QAM	12	13	19.43	19.38	19.51		
5	64QAM	25	0	19.35	19.49	19.20		
5	256QAM	1	0	17.56	17.62	17.55	19	4.7
5	256QAM	1	12	17.43	17.56	17.33		
5	256QAM	1	24	17.36	17.52	17.61		
5	256QAM	12	0	17.45	17.53	17.46	19	4.7
5	256QAM	12	7	17.38	17.51	17.55		
5	256QAM	12	13	17.53	17.58	17.58		
5	256QAM	25	0	17.33	17.51	17.49		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.22	22.30	22.17	22.8	0
20	QPSK	1	49	22.04	22.18	22.04		
20	QPSK	1	99	22.09	22.12	22.12		
20	QPSK	50	0	22.13	22.28	22.18		
20	QPSK	50	24	22.09	22.23	22.07		
20	QPSK	50	50	22.11	22.19	22.19		
20	QPSK	100	0	22.11	22.24	22.13		
20	16QAM	1	0	22.07	22.15	22.16		
20	16QAM	1	49	21.94	22.06	22.07		
20	16QAM	1	99	21.94	22.08	22.07		
20	16QAM	50	0	21.97	22.06	22.07		
20	16QAM	50	24	22.03	22.21	22.03		
20	16QAM	50	50	22.16	21.99	22.11		
20	16QAM	100	0	22.08	22.19	22.05		
20	64QAM	1	0	22.10	22.12	22.09		
20	64QAM	1	49	21.95	22.10	22.08		
20	64QAM	1	99	21.96	22.05	22.05		
20	64QAM	50	0	21.29	21.47	21.29		
20	64QAM	50	24	21.28	21.38	21.24		
20	64QAM	50	50	21.24	21.36	21.26		
20	64QAM	100	0	21.28	21.50	21.32		
20	256QAM	1	0	19.36	19.50	19.34		
20	256QAM	1	49	19.28	19.45	19.22		
20	256QAM	1	99	19.27	19.28	19.35		
20	256QAM	50	0	19.32	19.45	19.35		
20	256QAM	50	24	19.22	19.39	19.22		
20	256QAM	50	50	19.36	19.33	19.35		
20	256QAM	100	0	19.26	19.32	19.27		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.10	22.17	22.05	22.8	0
15	QPSK	1	37	22.00	22.09	21.91		
15	QPSK	1	74	22.07	22.01	22.06		
15	QPSK	36	0	21.99	22.25	22.05		
15	QPSK	36	20	21.97	22.12	22.00		
15	QPSK	36	39	22.05	22.14	22.09		
15	QPSK	75	0	21.99	22.12	22.01		
15	16QAM	1	0	21.97	22.11	22.07		
15	16QAM	1	37	21.86	21.99	22.00		
15	16QAM	1	74	21.90	21.94	22.00		
15	16QAM	36	0	21.95	21.94	21.98		
15	16QAM	36	20	21.95	22.12	22.00		
15	16QAM	36	39	22.07	21.95	22.09		
15	16QAM	75	0	21.96	22.16	22.02		
15	64QAM	1	0	21.98	21.98	22.01		
15	64QAM	1	37	21.89	22.05	21.98		
15	64QAM	1	74	21.85	22.01	21.98		
15	64QAM	36	0	21.26	21.42	21.26		
15	64QAM	36	20	21.20	21.29	21.13		
15	64QAM	36	39	21.12	21.23	21.23		
15	64QAM	75	0	21.25	21.46	21.20		
15	256QAM	1	0	19.26	19.40	19.29		
15	256QAM	1	37	19.22	19.39	19.16		
15	256QAM	1	74	19.13	19.21	19.23		
15	256QAM	36	0	19.28	19.34	19.23		
15	256QAM	36	20	19.19	19.35	19.15		
15	256QAM	36	39	19.31	19.26	19.31		
15	256QAM	75	0	19.18	19.26	19.21		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.17	22.23	22.09	22.8	0
10	QPSK	1	25	21.91	22.15	21.95		
10	QPSK	1	49	22.05	22.03	22.06		
10	QPSK	25	0	22.02	22.19	22.11		
10	QPSK	25	12	21.96	22.10	21.93		
10	QPSK	25	25	22.07	22.09	22.07		
10	QPSK	50	0	22.01	22.10	22.00		
10	16QAM	1	0	21.99	22.12	22.11		
10	16QAM	1	25	21.90	22.00	21.96	22.8	0
10	16QAM	1	49	21.87	22.01	21.99		
10	16QAM	25	0	21.83	22.04	21.96		
10	16QAM	25	12	21.99	22.11	21.99		
10	16QAM	25	25	22.05	21.93	22.04		
10	16QAM	50	0	21.99	22.06	22.02		
10	64QAM	1	0	21.98	22.08	22.07		
10	64QAM	1	25	21.82	22.04	22.05	22.8	0
10	64QAM	1	49	21.91	21.92	21.97		
10	64QAM	25	0	21.15	21.40	21.18		
10	64QAM	25	12	21.18	21.29	21.19	22	0.8
10	64QAM	25	25	21.12	21.23	21.13		
10	64QAM	50	0	21.22	21.40	21.21		
10	256QAM	1	0	19.34	19.41	19.22		
10	256QAM	1	25	19.23	19.37	19.13	20	2.8
10	256QAM	1	49	19.19	19.22	19.22		
10	256QAM	25	0	19.28	19.40	19.28		
10	256QAM	25	12	19.19	19.32	19.18	20	2.8
10	256QAM	25	25	19.29	19.21	19.28		
10	256QAM	50	0	19.24	19.19	19.14		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.17	22.25	22.13	22.8	0
5	QPSK	1	12	22.01	22.15	21.98		
5	QPSK	1	24	22.04	22.02	22.03		
5	QPSK	12	0	21.99	22.21	22.13		
5	QPSK	12	7	22.00	22.19	22.00		
5	QPSK	12	13	22.03	22.08	22.15		
5	QPSK	25	0	22.06	22.14	22.08		
5	16QAM	1	0	22.00	22.06	22.08		
5	16QAM	1	12	21.89	21.95	22.04	22.8	0
5	16QAM	1	24	21.81	22.03	22.02		
5	16QAM	12	0	21.88	21.95	21.97		
5	16QAM	12	7	22.00	22.09	22.00	22.8	0
5	16QAM	12	13	22.02	21.93	22.04		
5	16QAM	25	0	22.04	22.06	21.94		
5	64QAM	1	0	22.06	22.01	22.03		
5	64QAM	1	12	21.88	22.04	22.02	22.8	0
5	64QAM	1	24	21.83	21.97	21.91		
5	64QAM	12	0	21.23	21.38	21.17		
5	64QAM	12	7	21.15	21.25	21.12	22	0.8
5	64QAM	12	13	21.21	21.23	21.13		
5	64QAM	25	0	21.16	21.39	21.19		
5	256QAM	1	0	19.25	19.43	19.31		
5	256QAM	1	12	19.25	19.36	19.16	20	2.8
5	256QAM	1	24	19.21	19.20	19.28		
5	256QAM	12	0	19.23	19.40	19.27		
5	256QAM	12	7	19.11	19.31	19.11	20	2.8
5	256QAM	12	13	19.23	19.29	19.26		
5	256QAM	25	0	19.21	19.25	19.19		

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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	22.33	22.25	22.35	22.28	22.30	22.8	0
20	QPSK	1	49	22.24	22.14	22.26	22.17	22.21		
20	QPSK	1	99	22.23	22.12	22.23	22.18	22.27		
20	QPSK	50	0	22.30	22.18	22.32	22.22	22.23		
20	QPSK	50	24	22.24	22.16	22.29	22.18	22.24		
20	QPSK	50	50	22.27	22.22	22.24	22.22	22.22		
20	QPSK	100	0	22.22	22.18	22.29	22.20	22.26		
20	16QAM	1	0	22.30	22.17	22.25	22.19	22.17		
20	16QAM	1	49	22.12	22.01	22.14	22.09	22.16	22.8	0
20	16QAM	1	99	22.10	22.03	22.20	22.11	22.24		
20	16QAM	50	0	22.18	22.07	22.19	22.19	22.20		
20	16QAM	50	24	22.11	22.08	22.25	22.10	22.12	22.8	0
20	16QAM	50	50	22.21	22.19	22.13	22.19	22.18		
20	16QAM	100	0	22.10	22.15	22.26	22.15	22.19		
20	64QAM	1	0	22.28	22.15	22.21	22.17	22.24		
20	64QAM	1	49	22.18	22.01	22.17	22.13	22.09	22.8	0
20	64QAM	1	99	22.10	22.06	22.12	22.15	22.21		
20	64QAM	50	0	21.58	21.40	21.54	21.43	21.50		
20	64QAM	50	24	21.49	21.39	21.49	21.34	21.46	22	0.8
20	64QAM	50	50	21.46	21.30	21.38	21.39	21.49		
20	64QAM	100	0	21.56	21.33	21.55	21.38	21.45		
20	256QAM	1	0	19.57	19.40	19.56	19.46	19.48		
20	256QAM	1	49	19.45	19.34	19.52	19.33	19.41	20	2.8
20	256QAM	1	99	19.44	19.38	19.38	19.38	19.48		
20	256QAM	50	0	19.52	19.39	19.57	19.46	19.40		
20	256QAM	50	24	19.38	19.35	19.53	19.32	19.42	20	2.8
20	256QAM	50	50	19.42	19.39	19.40	19.47	19.43		
20	256QAM	100	0	19.44	19.33	19.45	19.40	19.51		
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	22.19	22.20	22.23	22.18	22.17	23	0
15	QPSK	1	37	22.22	22.10	22.12	22.14	22.09		
15	QPSK	1	74	22.10	22.07	22.18	22.06	22.15		
15	QPSK	36	0	22.24	22.10	22.29	22.09	22.15		
15	QPSK	36	20	22.17	22.13	22.22	22.05	22.22	22.8	0
15	QPSK	36	39	22.23	22.08	22.15	22.15	22.18		
15	QPSK	75	0	22.15	22.06	22.26	22.14	22.16		
15	16QAM	1	0	22.17	22.07	22.16	22.14	22.07		
15	16QAM	1	37	22.00	21.92	22.06	21.96	22.13	22.8	0
15	16QAM	1	74	22.02	21.94	22.15	22.03	22.15		
15	16QAM	36	0	22.10	21.95	22.12	22.06	22.15		
15	16QAM	36	20	22.06	21.95	22.21	22.03	22.09	22.8	0
15	16QAM	36	39	22.12	22.15	22.08	22.14	22.16		
15	16QAM	75	0	21.99	22.10	22.17	22.03	22.11		
15	64QAM	1	0	22.22	22.05	22.07	22.09	22.15		
15	64QAM	1	37	22.13	21.88	22.11	22.04	22.07	22.8	0
15	64QAM	1	74	22.05	22.00	22.00	22.07	22.13		
15	64QAM	36	0	21.53	21.28	21.41	21.39	21.36		
15	64QAM	36	20	21.36	21.34	21.43	21.21	21.37	22	0.8
15	64QAM	36	39	21.41	21.25	21.35	21.32	21.45		
15	64QAM	75	0	21.45	21.27	21.45	21.27	21.36		
15	256QAM	1	0	19.46	19.28	19.48	19.40	19.40		
15	256QAM	1	37	19.40	19.24	19.49	19.22	19.38	20	2.8
15	256QAM	1	74	19.30	19.33	19.36	19.28	19.35		
15	256QAM	36	0	19.46	19.30	19.47	19.33	19.28		
15	256QAM	36	20	19.29	19.22	19.50	19.25	19.39	20	2.8
15	256QAM	36	39	19.31	19.26	19.30	19.43	19.41		
15	256QAM	75	0	19.38	19.25	19.34	19.37	19.39		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.19	22.14	22.32	22.15	22.27	23	0
10	QPSK	1	25	22.11	22.10	22.18	22.06	22.08		
10	QPSK	1	49	22.15	22.10	22.15	22.09	22.21		
10	QPSK	25	0	22.19	22.09	22.20	22.11	22.13		
10	QPSK	25	12	22.18	22.03	22.15	22.15	22.20	22.8	0
10	QPSK	25	25	22.21	22.08	22.20	22.17	22.13		
10	QPSK	50	0	22.10	22.14	22.25	22.17	22.24		
10	16QAM	1	0	22.24	22.12	22.21	22.16	22.12		
10	16QAM	1	25	22.09	21.89	22.04	22.04	22.14	22.8	0
10	16QAM	1	49	21.99	21.97	22.08	22.03	22.17		
10	16QAM	25	0	22.12	22.00	22.09	22.16	22.16		
10	16QAM	25	12	22.00	22.05	22.12	22.06	22.00	22.8	0
10	16QAM	25	25	22.16	22.17	22.10	22.15	22.07		
10	16QAM	50	0	22.03	22.04	22.18	22.09	22.07		
10	64QAM	1	0	22.21	22.10	22.17	22.13	22.22		
10	64QAM	1	25	22.13	21.88	22.03	22.11	21.96	22.8	0
10	64QAM	1	49	22.06	22.01	22.02	22.12	22.08		
10	64QAM	25	0	21.45	21.35	21.50	21.39	21.40		
10	64QAM	25	12	21.41	21.27	21.45	21.31	21.39	22	0.8
10	64QAM	25	25	21.41	21.24	21.27	21.26	21.44		
10	64QAM	50	0	21.43	21.21	21.45	21.33	21.37		
10	256QAM	1	0	19.49	19.29	19.51	19.38	19.45		
10	256QAM	1	25	19.40	19.20	19.50	19.19	19.33	20	2.8
10	256QAM	1	49	19.30	19.30	19.33	19.32	19.45		
10	256QAM	25	0	19.44	19.37	19.50	19.36	19.31		
10	256QAM	25	12	19.30	19.27	19.44	19.21	19.34	20	2.8
10	256QAM	25	25	19.32	19.35	19.34	19.34	19.35		
10	256QAM	50	0	19.32	19.24	19.34	19.27	19.39		
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	22.20	22.15	22.28	22.16	22.24	23	0
5	QPSK	1	12	22.17	22.02	22.19	22.10	22.11		
5	QPSK	1	24	22.18	22.08	22.14	22.12	22.15		
5	QPSK	12	0	22.25	22.16	22.23	22.16	22.11		
5	QPSK	12	7	22.21	22.12	22.18	22.05	22.16	22.8	0
5	QPSK	12	13	22.18	22.17	22.18	22.12	22.13		
5	QPSK	25	0	22.17	22.07	22.20	22.16	22.23		
5	16QAM	1	0	22.26	22.06	22.16	22.10	22.08		
5	16QAM	1	12	22.03	21.91	22.08	21.97	22.11	22.8	0
5	16QAM	1	24	22.01	21.90	22.15	22.04	22.14		
5	16QAM	12	0	22.12	22.01	22.07	22.12	22.12		
5	16QAM	12	7	22.05	22.04	22.16	22.08	22.06	22.8	0
5	16QAM	12	13	22.12	22.11	22.04	22.16	22.09		
5	16QAM	25	0	22.05	22.12	22.23	22.11	22.05		
5	64QAM	1	0	22.26	22.03	22.10	22.11	22.19		
5	64QAM	1	12	22.12	21.89	22.06	22.01	21.97	22.8	0
5	64QAM	1	24	22.02	21.93	22.04	22.08	22.11		
5	64QAM	12	0	21.55	21.29	21.52	21.32	21.39		
5	64QAM	12	7	21.42	21.35	21.41	21.22	21.35	22	0.8
5	64QAM	12	13	21.39	21.18	21.30	21.33	21.36		
5	64QAM	25	0	21.50	21.24	21.47	21.34	21.39		
5	256QAM	1	0	19.49	19.29	19.53	19.44	19.43		
5	256QAM	1	12	19.35	19.23	19.38	19.20	19.38	20	2.8
5	256QAM	1	24	19.36	19.30	19.34	19.31	19.40		
5	256QAM	12	0	19.49	19.35	19.44	19.39	19.33		
5	256QAM	12	7	19.36	19.29	19.48	19.24	19.39	20	2.8
5	256QAM	12	13	19.37	19.29	19.31	19.43	19.35		
5	256QAM	25	0	19.30	19.29	19.39	19.37	19.39		

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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	23.52	23.54	23.60	23.58	23.55	24.4	0
20	QPSK	1	49	23.48	23.49	23.50	23.55	23.51		
20	QPSK	1	99	23.47	23.47	23.52	23.54	23.41		
20	QPSK	50	0	23.44	23.49	23.56	23.51	23.46		
20	QPSK	50	24	23.46	23.42	23.49	23.44	23.51		
20	QPSK	50	50	23.40	23.50	23.51	23.55	23.42		
20	QPSK	100	0	23.46	23.44	23.49	23.48	23.48		
20	16QAM	1	0	23.49	23.41	23.48	23.48	23.41		
20	16QAM	1	49	23.41	23.43	23.36	23.42	23.40		
20	16QAM	1	99	23.45	23.35	23.48	23.49	23.32		
20	16QAM	50	0	23.33	23.36	23.45	23.46	23.42		
20	16QAM	50	24	23.40	23.30	23.46	23.31	23.48		
20	16QAM	50	50	23.29	23.42	23.44	23.42	23.38		
20	16QAM	100	0	23.40	23.34	23.43	23.41	23.39		
20	64QAM	1	0	23.39	23.41	23.47	23.51	23.45		
20	64QAM	1	49	23.40	23.45	23.44	23.48	23.47		
20	64QAM	1	99	23.44	23.43	23.41	23.47	23.30		
20	64QAM	50	0	23.36	23.41	23.51	23.42	23.41		
20	64QAM	50	24	23.39	23.31	23.42	23.33	23.38		
20	64QAM	50	50	23.36	23.46	23.41	23.41	23.29		
20	64QAM	100	0	23.32	23.35	23.40	23.41	23.41		
20	256QAM	1	0	22.12	22.10	22.23	22.21	22.17		
20	256QAM	1	49	22.07	22.06	22.04	22.13	22.17		
20	256QAM	1	99	22.09	22.07	22.07	22.17	22.02		
20	256QAM	50	0	22.09	22.05	22.19	22.10	22.08		
20	256QAM	50	24	22.11	22.05	22.07	21.99	22.14	23	1.4
20	256QAM	50	50	22.00	22.06	22.09	22.12	22.02		
20	256QAM	100	0	22.11	22.03	22.09	22.11	22.05		
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	23.40	23.48	23.56	23.50	23.46	24	0
15	QPSK	1	37	23.42	23.46	23.38	23.52	23.49		
15	QPSK	1	74	23.34	23.38	23.41	23.46	23.37		
15	QPSK	36	0	23.33	23.42	23.50	23.41	23.39		
15	QPSK	36	20	23.38	23.35	23.41	23.33	23.40	24.4	0
15	QPSK	36	39	23.27	23.42	23.38	23.48	23.30		
15	QPSK	75	0	23.39	23.34	23.42	23.41	23.36		
15	16QAM	1	0	23.37	23.33	23.35	23.36	23.27		
15	16QAM	1	37	23.34	23.29	23.30	23.30	23.33	24.4	0
15	16QAM	1	74	23.32	23.25	23.44	23.43	23.22		
15	16QAM	36	0	23.29	23.23	23.36	23.38	23.29		
15	16QAM	36	20	23.34	23.28	23.42	23.24	23.35	24.4	0
15	16QAM	36	39	23.18	23.34	23.32	23.32	23.35		
15	16QAM	75	0	23.37	23.26	23.38	23.38	23.29		
15	64QAM	1	0	23.33	23.38	23.44	23.47	23.36		
15	64QAM	1	37	23.29	23.33	23.40	23.41	23.37	24.4	0
15	64QAM	1	74	23.39	23.36	23.27	23.36	23.18		
15	64QAM	36	0	23.31	23.38	23.42	23.36	23.31		
15	64QAM	36	20	23.33	23.17	23.30	23.30	23.31	24.4	0
15	64QAM	36	39	23.29	23.42	23.29	23.38	23.20		
15	64QAM	75	0	23.19	23.30	23.26	23.31	23.34		
15	256QAM	1	0	22.05	22.07	22.10	22.18	22.12	23	1.4
15	256QAM	1	37	21.99	21.97	21.96	22.03	22.11		
15	256QAM	1	74	21.99	22.01	21.96	22.11	21.91		
15	256QAM	36	0	21.96	21.97	22.06	21.99	21.94		
15	256QAM	36	20	22.04	21.96	22.03	21.87	22.02	23	1.4
15	256QAM	36	39	21.98	21.92	22.01	22.02	21.89		
15	256QAM	75	0	22.01	21.96	22.05	22.04	22.02		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.39	23.51	23.52	23.47	23.44	24	0
10	QPSK	1	25	23.42	23.36	23.47	23.49	23.46		
10	QPSK	1	49	23.41	23.43	23.39	23.46	23.33		
10	QPSK	25	0	23.39	23.39	23.45	23.41	23.35		
10	QPSK	25	12	23.37	23.29	23.37	23.34	23.48	24.4	0
10	QPSK	25	25	23.31	23.45	23.38	23.51	23.34		
10	QPSK	50	0	23.35	23.32	23.45	23.41	23.38		
10	16QAM	1	0	23.43	23.33	23.39	23.37	23.33		
10	16QAM	1	25	23.39	23.33	23.29	23.32	23.29	24.4	0
10	16QAM	1	49	23.42	23.29	23.44	23.46	23.23		
10	16QAM	25	0	23.25	23.23	23.40	23.34	23.36		
10	16QAM	25	12	23.28	23.18	23.33	23.24	23.43	24.4	0
10	16QAM	25	25	23.22	23.31	23.33	23.32	23.27		
10	16QAM	50	0	23.29	23.31	23.31	23.30	23.28		
10	64QAM	1	0	23.37	23.30	23.39	23.41	23.41		
10	64QAM	1	25	23.36	23.33	23.38	23.37	23.44	24.4	0
10	64QAM	1	49	23.40	23.33	23.29	23.45	23.25		
10	64QAM	25	0	23.25	23.29	23.40	23.32	23.38		
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BW [MHz]	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	17.08	17.16	17.09		
20	QPSK	1	49	17.06	17.11	17.04	18.2	0
20	QPSK	1	99	17.07	17.06	17.09		
20	QPSK	50	0	17.11	17.15	17.02		
20	QPSK	50	24	17.01	17.00	17.13	18.2	0
20	QPSK	50	50	16.99	17.01	17.06		
20	QPSK	100	0	17.01	17.09	17.03		
20	16QAM	1	0	17.09	17.06	16.97		
20	16QAM	1	49	17.10	16.95	16.86	18.2	0
20	16QAM	1	99	17.04	16.95	16.92		
20	16QAM	50	0	16.97	17.01	16.97		
20	16QAM	50	24	16.97	16.99	17.01	18.2	0
20	16QAM	50	50	16.97	17.00	16.92		
20	16QAM	100	0	17.00	16.98	16.90		
20	64QAM	1	0	16.95	16.92	17.05		
20	64QAM	1	49	16.91	16.92	16.93	18.2	0
20	64QAM	1	99	17.02	16.95	16.99		
20	64QAM	50	0	17.02	17.06	16.88		
20	64QAM	50	24	16.98	17.04	16.95	18.2	0
20	64QAM	50	50	16.89	16.94	16.97		
20	64QAM	100	0	16.99	16.97	16.96		
20	256QAM	1	0	17.00	17.15	17.11		
20	256QAM	1	49	17.08	16.92	16.93	18.2	0
20	256QAM	1	99	16.92	16.97	17.00		
20	256QAM	50	0	17.03	17.00	16.93		
20	256QAM	50	24	16.92	17.01	17.04	18.2	0
20	256QAM	50	50	16.85	16.97	16.96		
20	256QAM	100	0	16.98	17.01	17.05		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.00	17.02	17.02		
15	QPSK	1	37	17.03	17.05	16.98	18.2	0
15	QPSK	1	74	16.98	16.93	17.01		
15	QPSK	36	0	16.98	17.03	17.00		
15	QPSK	36	20	16.91	16.96	17.04	18.2	0
15	QPSK	36	39	16.99	16.99	17.02		
15	QPSK	75	0	16.88	17.00	16.91		
15	16QAM	1	0	16.95	16.95	16.84		
15	16QAM	1	37	17.05	16.85	16.77	18.2	0
15	16QAM	1	74	17.01	16.90	16.85		
15	16QAM	36	0	16.89	17.04	16.84		
15	16QAM	36	20	16.84	16.88	16.89	18.2	0
15	16QAM	36	39	16.93	16.92	16.81		
15	16QAM	75	0	16.87	16.93	16.77		
15	64QAM	1	0	16.85	16.87	17.00		
15	64QAM	1	37	16.88	16.84	16.88	18.2	0
15	64QAM	1	74	16.96	16.81	16.93		
15	64QAM	36	0	16.96	17.01	16.80		
15	64QAM	36	20	16.89	16.92	16.90	18.2	0
15	64QAM	36	39	16.76	16.83	16.94		
15	64QAM	75	0	16.96	16.89	16.89		
15	256QAM	1	0	16.88	17.13	17.05		
15	256QAM	1	37	17.01	16.91	16.84	18.2	0
15	256QAM	1	74	16.79	16.95	16.95		
15	256QAM	36	0	17.00	16.96	16.81		
15	256QAM	36	20	16.85	16.89	16.90	18.2	0
15	256QAM	36	39	16.72	16.86	16.86		
15	256QAM	75	0	16.87	16.92	16.92		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.99	17.10	17.02		
10	QPSK	1	25	16.93	17.04	16.91	18.2	0
10	QPSK	1	49	17.05	16.95	17.05		
10	QPSK	25	0	17.09	17.06	16.89		
10	QPSK	25	12	16.87	16.96	17.08	18.2	0
10	QPSK	25	25	16.96	16.96	16.98		
10	QPSK	50	0	16.94	16.97	16.99		
10	16QAM	1	0	17.00	17.04	16.93		
10	16QAM	1	25	17.02	16.90	16.74	18.2	0
10	16QAM	1	49	17.00	16.84	16.89		
10	16QAM	25	0	16.95	17.00	16.83		
10	16QAM	25	12	16.92	16.89	16.90	18.2	0
10	16QAM	25	25	16.88	16.86	16.86		
10	16QAM	50	0	16.95	16.95	16.77		
10	64QAM	1	0	16.87	16.85	16.95		
10	64QAM	1	25	16.82	16.81	16.83	18.2	0
10	64QAM	1	49	16.96	16.92	16.90		
10	64QAM	25	0	16.95	16.93	16.74		
10	64QAM	25	12	16.88	16.92	16.81	18.2	0
10	64QAM	25	25	16.84	16.84	16.83		
10	64QAM	50	0	16.89	16.83	16.90		
10	256QAM	1	0	16.89	17.07	16.97		
10	256QAM	1	25	17.02	16.78	16.80	18.2	0
10	256QAM	1	49	16.82	16.87	16.89		
10	256QAM	25	0	16.96	16.98	16.81		
10	256QAM	25	12	16.86	16.85	16.92	18.2	0
10	256QAM	25	25	16.73	16.89	16.93		
10	256QAM	50	0	16.90	16.93	16.99		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.05	17.08	17.06		
5	QPSK	1	12	17.03	17.08	16.91	18.2	0
5	QPSK	1	24	17.01	16.93	16.97		
5	QPSK	12	7	17.07	17.12	16.92		
5	QPSK	12	7	16.95	16.96	17.05	18.2	0
5	QPSK	12	13	16.92	16.92	17.01		
5	QPSK	25	0	16.98	17.03	16.90		
5	16QAM	1	0	17.02	17.03	16.95	18.2	0
5	16QAM	1	12	16.88	16.92	16.75		
5	16QAM	1	24	17.00	16.87	16.88		
5	16QAM	12	0	16.84	17.02	16.86		
5	16QAM	12	7	16.93	16.91	16.96	18.2	0
5	16QAM	12	13	16.89	16.94	16.83		
5	16QAM	25	0	16.89	16.84	16.82		
5	64QAM	1	0	16.86	16.88	16.99		
5	64QAM	1	12	16.86	16.88	16.84	18.2	0
5	64QAM	1	24	16.90	16.84	16.94		
5	64QAM	12	0	16.98	17.02	16.79		
5	64QAM	12	7	16.88	17.02	16.90	18.2	0
5	64QAM	12	13	16.79	16.91	16.87		
5	64QAM	25	0	16.90	16.94	16.88		
5	256QAM	1	0	16.89	17.04	17.01		
5	256QAM	1	12	17.03	16.78	16.84	18.2	0
5	256QAM	1	24	16.81	16.92	16.97		
5	256QAM	12	0	16.92	16.91	16.87		
5	256QAM	12	7	16.89	16.95	16.97	18.2	0
5	256QAM	12	13	16.73	16.90	16.86		
5	256QAM	25	0	16.94	16.92	16.99		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.98	17.08	17.02		
3	QPSK	1	8	16.94	17.03	16.94	18.2	0
3	QPSK	1	14	16.99	16.93	17.04		
3	QPSK	8	0	17.04	17.07	16.92		
3	QPSK	8	4	16.93	16.95	17.08	18.2	0
3	QPSK	8	7	16.89	16.95	17.02		
3	QPSK	15	0	16.99	17.03	16.90		
3	16QAM	1	0	17.03	16.97	16.87		
3	16QAM	1	8	17.04	16.86	16.72	18.2	0
3	16QAM	1	14	16.94	16.87	16.80		
3	16QAM	8	0	16.84	17.06	16.86		
3	16QAM	8	4	16.94	16.87	16.94	18.2	0
3	16QAM	8	7	16.90	16.96	16.85		
3	16QAM	15	0	16.89	16.95	16.86		
3	64QAM	1	0	16.92	16.95	16.94		
3	64QAM	1	8	16.84	16.89	16.82	18.2	0
3	64QAM	1	14	16.96	16.83	16.89		
3	64QAM	8	0	16.99	16.92	16.77		
3	64QAM	8	4	16.91	16.99	16.85	18.2	0
3	64QAM	8	7	16.82	16.91	16.84		
3	64QAM	15	0	16.91	16.93	16.85		
3	256QAM	1	0	16.95	17.12	17.01		
3	256QAM	1	8	17.05	16.82	16.88	18.2	0
3	256QAM	1	14	16.82	16.93	16.89		
3	256QAM	8	0	16.94	16.89	16.89		
3	256QAM	8	4	16.87	16.94	17.00	18.2	0
3	256QAM	8	7	16.74	16.91	16.87		
3	256QAM	15	0	16.85	16.90	16.92		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.96	17.04	16.96		
1.4	QPSK	1	3	17.00	17.09	16.96		
1.4	QPSK	1	5	17.04	16.96	17.04	18.2	0
1.4	QPSK	3	0	17.00	17.12	16.95		
1.4	QPSK	3	1	16.91	16.94	17.06		
1.4	QPSK	3	3	16.94	16.98	16.97		
1.4	QPSK	6	0	16.95	16.95	16.95	18.2	0
1.4	16QAM	1	0	17.02	16.94	16.91		
1.4	16QAM	1	3	17.02	16.90	16.82		
1.4	16QAM	1	5	16.96	16.92	16.81	18.2	0
1.4	16QAM	3	0	16.91	16.98	16.85		
1.4	16QAM	3	1	16.86	16.88	16.97		
1.4	16QAM	3	3	16.84	16.92	16.80		
1.4	16QAM	6	0	16.92	16.85	16.79	18.2	0
1.4	64QAM	1	0	16.93	16.96	16.94		
1.4	64QAM	1	3	16.84	16.85	16.85		
1.4	64QAM	1	5	16.99	16.88	16.96	18.2	0
1.4	64QAM	3	0	16.90	17.01	16.79		
1.4	64QAM	3	1	16.85	16.97	16.92		
1.4	64QAM	3	3	16.81	16.89	16.95		
1.4	64QAM	6	0	16.86	16.90	16.84	18.2	0
1.4	256QAM	1	0	16.87	17.03	17.04		
1.4	256QAM	1	3	17.00	16.84	16.80		
1.4	256QAM	1	5	16.90	16.94	16.87	18.2	0
1.4	256QAM	3	0	17.00	16.98	16.80		
1.4	256QAM	3	1	16.87	16.98	16.95		
1.4	256QAM	3	3	16.82	16.93	16.91		
1.4	256QAM	6	0	16.89	16.92	16.98	18.2	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.53	16.56	16.51		
20	QPSK	1	49	16.54	16.43	16.46	17.8	0
20	QPSK	1	99	16.43	16.49	16.38		
20	QPSK	50	0	16.50	16.54	16.40		
20	QPSK	50	24	16.45	16.49	16.46	17.8	0
20	QPSK	50	50	16.52	16.38	16.46		
20	QPSK	100	0	16.43	16.51	16.43		
20	16QAM	1	0	16.44	16.45	16.37		
20	16QAM	1	49	16.45	16.42	16.36	17.8	0
20	16QAM	1	99	16.43	16.40	16.35		
20	16QAM	50	0	16.39	16.48	16.41		
20	16QAM	50	24	16.37	16.46	16.43	17.8	0
20	16QAM	50	50	16.43	16.32	16.39		
20	16QAM	100	0	16.38	16.38	16.41		
20	64QAM	1	0	16.54	16.43	16.46		
20	64QAM	1	49	16.39	16.29	16.40	17.8	0
20	64QAM	1	99	16.39	16.47	16.31		
20	64QAM	50	0	16.39	16.49	16.37		
20	64QAM	50	24	16.45	16.44	16.39	17.8	0
20	64QAM	50	50	16.47	16.37	16.37		
20	64QAM	100	0	16.29	16.40	16.38		
20	256QAM	1	0	16.47	16.39	16.42		
20	256QAM	1	49	16.36	16.29	16.39	17.8	0
20	256QAM	1	99	16.35	16.32	16.28		
20	256QAM	50	0	16.37	16.46	16.37		
20	256QAM	50	24	16.40	16.39	16.38	17.8	0
20	256QAM	50	50	16.45	16.37	16.37		
20	256QAM	100	0	16.45	16.31	16.27		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.42	16.47	16.41		
15	QPSK	1	37	16.47	16.43	16.34	17.8	0
15	QPSK	1	74	16.40	16.37	16.26		
15	QPSK	36	0	16.37	16.45	16.28		
15	QPSK	36	20	16.34	16.47	16.32	17.8	0
15	QPSK	36	39	16.48	16.25	16.42		
15	QPSK	75	0	16.36	16.47	16.32		
15	16QAM	1	0	16.37	16.34	16.28		
15	16QAM	1	37	16.37	16.30	16.22	17.8	0
15	16QAM	1	74	16.36	16.26	16.33		
15	16QAM	36	0	16.30	16.45	16.30		
15	16QAM	36	20	16.27	16.42	16.33	17.8	0
15	16QAM	36	39	16.38	16.25	16.26		
15	16QAM	75	0	16.27	16.26	16.28		
15	64QAM	1	0	16.47	16.37	16.34		
15	64QAM	1	37	16.30	16.20	16.26	17.8	0
15	64QAM	1	74	16.36	16.34	16.27		
15	64QAM	36	0	16.29	16.37	16.30		
15	64QAM	36	20	16.38	16.34	16.26	17.8	0
15	64QAM	36	39	16.33	16.26	16.32		
15	64QAM	75	0	16.26	16.35	16.25		
15	256QAM	1	0	16.42	16.27	16.32		
15	256QAM	1	37	16.27	16.18	16.29	17.8	0
15	256QAM	1	74	16.29	16.22	16.21		
15	256QAM	36	0	16.33	16.39	16.28		
15	256QAM	36	20	16.35	16.34	16.27	17.8	0
15	256QAM	36	39	16.37	16.25	16.29		
15	256QAM	75	0	16.42	16.23	16.22		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.50	16.56	16.45		
10	QPSK	1	25	16.46	16.35	16.36	17.8	0
10	QPSK	1	49	16.30	16.41	16.34		
10	QPSK	25	0	16.44	16.50	16.36		
10	QPSK	25	12	16.36	16.40	16.40	17.8	0
10	QPSK	25	25	16.38	16.35	16.41		
10	QPSK	50	0	16.37	16.46	16.31		
10	16QAM	1	0	16.38	16.41	16.29		
10	16QAM	1	25	16.39	16.37	16.24	17.8	0
10	16QAM	1	49	16.31	16.30	16.25		
10	16QAM	25	0	16.30	16.35	16.31		
10	16QAM	25	12	16.25	16.35	16.37	17.8	0
10	16QAM	25	25	16.41	16.29	16.33		
10	16QAM	50	0	16.28	16.35	16.30		
10	64QAM	1	0	16.48	16.38	16.41		
10	64QAM	1	25	16.31	16.15	16.32	17.8	0
10	64QAM	1	49	16.27	16.39	16.18		
10	64QAM	25	0	16.30	16.41	16.31		
10	64QAM	25	12	16.42	16.35	16.27	17.8	0
10	64QAM	25	25	16.41	16.28	16.25		
10	64QAM	50	0	16.16	16.35	16.31		
10	256QAM	1	0	16.41	16.32	16.33		
10	256QAM	1	25	16.32	16.21	16.31	17.8	0
10	256QAM	1	49	16.26	16.28	16.14		
10	256QAM	25	0	16.27	16.37	16.27		
10	256QAM	25	12	16.39	16.26	16.30	17.8	0
10	256QAM	25	25	16.39	16.26	16.30		
10	256QAM	50	0	16.38	16.20	16.17		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.44	16.52	16.39		
5	QPSK	1	12	16.40	16.32	16.36	17.8	0
5	QPSK	1	24	16.40	16.41	16.34		
5	QPSK	12	0	16.40	16.40	16.36		
5	QPSK	12	7	16.39	16.37	16.37	17.8	0
5	QPSK	12	13	16.49	16.25	16.39		
5	QPSK	25	0	16.29	16.40	16.37		
5	16QAM	1	0	16.31	16.32	16.33		
5	16QAM	1	12	16.42	16.30	16.23	17.8	0
5	16QAM	1	24	16.40	16.37	16.21		
5	16QAM	12	0	16.31	16.34	16.28		
5	16QAM	12	7	16.24	16.42	16.36	17.8	0
5	16QAM	12	13	16.39	16.18	16.30		
5	16QAM	25	0	16.28	16.33	16.33		
5	64QAM	1	0	16.41	16.32	16.41		
5	64QAM	1	12	16.27	16.17	16.36	17.8	0
5	64QAM	1	24	16.35	16.35	16.22		
5	64QAM	12	0	16.28	16.41	16.33		
5	64QAM	12	7	16.33	16.37	16.34	17.8	0
5	64QAM	12	13	16.43	16.30	16.32		
5	64QAM	25	0	16.18	16.27	16.30		
5	256QAM	1	0	16.41	16.35	16.38		
5	256QAM	1	12	16.28	16.19	16.32	17.8	0
5	256QAM	1	24	16.28	16.28	16.25		
5	256QAM	12	0	16.24	16.33	16.32		
5	256QAM	12	7	16.31	16.37	16.28	17.8	0
5	256QAM	12	13	16.40	16.31	16.32		
5	256QAM	25	0	16.34	16.18	16.22		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.40	16.51	16.38		
3	QPSK	1	8	16.47	16.39	16.40	17.8	0
3	QPSK	1	14	16.38	16.46	16.26		
3	QPSK	8	0	16.38	16.50	16.29		
3	QPSK	8	4	16.35	16.41	16.40	17.8	0
3	QPSK	8	7	16.46	16.30	16.41		
3	QPSK	15	0	16.37	16.40	16.40		
3	16QAM	1	0	16.31	16.34	16.23		
3	16QAM	1	8	16.34	16.30	16.28	17.8	0
3	16QAM	1	14	16.40	16.34	16.31		
3	16QAM	8	0	16.29	16.45	16.29		
3	16QAM	8	4	16.29	16.33	16.31	17.8	0
3	16QAM	8	7	16.34	16.22	16.36		
3	16QAM	15	0	16.27	16.29	16.32		
3	64QAM	1	0	16.42	16.29	16.36		
3	64QAM	1	8	16.36	16.17	16.30	17.8	0
3	64QAM	1	14	16.33	16.37	16.27		
3	64QAM	8	0	16.34	16.36	16.26		
3	64QAM	8	4	16.34	16.37	16.30	17.8	0
3	64QAM	8	7	16.38	16.34	16.26		
3	64QAM	15	0	16.25	16.35	16.26		
3	256QAM	1	0	16.34	16.25	16.33		
3	256QAM	1	8	16.32	16.15	16.29	17.8	0
3	256QAM	1	14	16.30	16.26	16.15		
3	256QAM	8	0	16.31	16.34	16.31		
3	256QAM	8	4	16.37	16.32	16.32	17.8	0
3	256QAM	8	7	16.39	16.24	16.29		
3	256QAM	15	0	16.32	16.18	16.24		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.47	16.42	16.38		
1.4	QPSK	1	3	16.42	16.30	16.37		
1.4	QPSK	1	5	16.36	16.35	16.30	17.8	0
1.4	QPSK	3	0	16.44	16.42	16.32		
1.4	QPSK	3	1	16.42	16.42	16.39		
1.4	QPSK	3	3	16.48	16.27	16.38		
1.4	QPSK	6	0	16.41	16.42	16.35	17.8	0
1.4	16QAM	1	0	16.34	16.43	16.25		
1.4	16QAM	1	3	16.37	16.31	16.26		
1.4	16QAM	1	5	16.41	16.27	16.25	17.8	0
1.4	16QAM	3	0	16.34	16.43	16.32		
1.4	16QAM	3	1	16.28	16.42	16.31		
1.4	16QAM	3	3	16.33	16.19	16.32		
1.4	16QAM	6	0	16.29	16.29	16.37	17.8	0
1.4	64QAM	1	0	16.46	16.32	16.34		
1.4	64QAM	1	3	16.28	16.25	16.31		
1.4	64QAM	1	5	16.25	16.37	16.29	17.8	0
1.4	64QAM	3	0	16.26	16.39	16.24		
1.4	64QAM	3	1	16.43	16.36	16.35		
1.4	64QAM	3	3	16.34	16.33	16.30		
1.4	64QAM	6	0	16.25	16.29	16.30	17.8	0
1.4	256QAM	1	0	16.45	16.31	16.36		
1.4	256QAM	1	3	16.33	16.21	16.34		
1.4	256QAM	1	5	16.33	16.24	16.19	17.8	0
1.4	256QAM	3	0	16.31	16.42	16.24		
1.4	256QAM	3	1	16.32	16.30	16.25		
1.4	256QAM	3	3	16.35	16.32	16.34		
1.4	256QAM	6	0	16.41	16.26	16.17	17.8	0

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BW [MHz]	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	21.72	21.82	21.79		
10	QPSK	1	25	21.64	21.75	21.65	23	0
10	QPSK	1	49	21.70	21.70	21.76		
10	QPSK	25	0	20.73	20.84	20.79		
10	QPSK	25	12	20.67	20.75	20.64	22	1
10	QPSK	25	25	20.74	20.64	20.76		
10	QPSK	50	0	20.70	20.78	20.75		
10	16QAM	1	0	20.69	20.78	20.79		
10	16QAM	1	25	20.66	20.79	20.65	22	1
10	16QAM	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.72	21.76	21.71	23	0
10	QPSK	1	25	21.66	21.70	21.66		
10	QPSK	1	49	21.61	21.69	21.67		
10	QPSK	25	0	20.68	20.78	20.77	22	1
10	QPSK	25	12	20.67	20.74	20.63		
10	QPSK	25	25	20.59	20.74	20.70		
10	QPSK	50	0	20.68	20.73	20.65		
10	16QAM	1	0	20.70	20.72	20.66	22	1
10	16QAM	1	25	20.63	20.70	20.70		
10	16QAM	1	49	20.62	20.69	20.62		
10	16QAM	25	0	19.66	19.74	19.74	21	2
10	16QAM	25	12	19.63	19.74	19.58		
10	16QAM	25	25	19.64	19.76	19.75		
10	16QAM	50	0	19.65	19.78	19.59		
10	64QAM	1	0	19.67	19.76	19.77	21	2
10	64QAM	1	25	19.61	19.69	19.69		
10	64QAM	1	49	19.58	19.74	19.64		
10	64QAM	25	0	18.66	18.76	18.82	20	3
10	64QAM	25	12	18.65	18.75	18.68		
10	64QAM	25	25	18.60	18.78	18.70		
10	64QAM	50	0	18.67	18.68	18.70		
10	256QAM	1	0	16.62	16.84	16.80	18	5
10	256QAM	1	25	16.70	16.75	16.63		
10	256QAM	1	49	16.55	16.80	16.73		
10	256QAM	25	0	16.67	16.73	16.70	18	5
10	256QAM	25	12	16.65	16.74	16.68		
10	256QAM	25	25	16.66	16.71	16.72		
10	256QAM	50	0	16.63	16.72	16.60		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.60	21.64	21.59	23	0
5	QPSK	1	12	21.62	21.66	21.52		
5	QPSK	1	24	21.51	21.64	21.58		
5	QPSK	12	0	20.59	20.65	20.69	22	1
5	QPSK	12	7	20.65	20.64	20.51		
5	QPSK	12	13	20.51	20.62	20.65		
5	QPSK	25	0	20.63	20.64	20.57		
5	16QAM	1	0	20.61	20.64	20.58	22	1
5	16QAM	1	12	20.56	20.58	20.63		
5	16QAM	1	24	20.59	20.63	20.57		
5	16QAM	12	0	19.57	19.65	19.71	21	2
5	16QAM	12	7	19.52	19.70	19.52		
5	16QAM	12	13	19.53	19.70	19.62		
5	16QAM	25	0	19.54	19.76	19.54		
5	64QAM	1	0	19.62	19.71	19.71	21	2
5	64QAM	1	12	19.55	19.61	19.55		
5	64QAM	1	24	19.55	19.62	19.57		
5	64QAM	12	0	18.57	18.70	18.77	20	3
5	64QAM	12	7	18.61	18.71	18.62		
5	64QAM	12	13	18.50	18.65	18.66		
5	64QAM	25	0	18.58	18.63	18.64		
5	256QAM	1	0	16.52	16.78	16.72	18	5
5	256QAM	1	12	16.64	16.84	16.65		
5	256QAM	1	24	16.42	16.76	16.68		
5	256QAM	12	0	16.64	16.63	16.65	18	5
5	256QAM	12	7	16.54	16.72	16.63		
5	256QAM	12	13	16.59	16.61	16.59		
5	256QAM	25	0	16.59	16.70	16.53		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.59	21.65	21.66	23	0
3	QPSK	1	8	21.60	21.64	21.62		
3	QPSK	1	14	21.57	21.56	21.54		
3	QPSK	8	0	20.65	20.67	20.71	22	1
3	QPSK	8	4	20.60	20.66	20.59		
3	QPSK	8	7	20.52	20.63	20.61		
3	QPSK	15	0	20.60	20.63	20.53		
3	16QAM	1	0	20.66	20.64	20.59	22	1
3	16QAM	1	8	20.58	20.60	20.60		
3	16QAM	1	14	20.59	20.63	20.56		
3	16QAM	8	0	19.63	19.64	19.72	21	2
3	16QAM	8	4	19.52	19.66	19.55		
3	16QAM	8	7	19.53	19.64	19.62		
3	16QAM	15	0	19.52	19.64	19.51		
3	64QAM	1	0	19.59	19.69	19.73	21	2
3	64QAM	1	8	19.50	19.67	19.65		
3	64QAM	1	14	19.55	19.69	19.55		
3	64QAM	8	0	18.60	18.73	18.74	20	3
3	64QAM	8	4	18.59	18.71	18.66		
3	64QAM	8	7	18.55	18.75	18.64		
3	64QAM	15	0	18.58	18.64	18.59		
3	256QAM	1	0	16.54	16.81	16.75	18	5
3	256QAM	1	8	16.65	16.62	16.54		
3	256QAM	1	14	16.53	16.71	16.60		
3	256QAM	8	0	16.63	16.62	16.64	18	5
3	256QAM	8	4	16.53	16.62	16.63		
3	256QAM	8	7	16.62	16.59	16.69		
3	256QAM	15	0	16.53	16.62	16.50		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.67	21.66	21.59	23	0
1.4	QPSK	1	3	21.59	21.62	21.55		
1.4	QPSK	1	5	21.58	21.64	21.59		
1.4	QPSK	3	0	21.59	21.58	21.48		
1.4	QPSK	3	1	21.57	21.56	21.47		
1.4	QPSK	3	3	21.46	21.57	21.55		
1.4	QPSK	6	0	20.59	20.70	20.56	22	1
1.4	16QAM	1	0	20.61	20.59	20.63	22	1
1.4	16QAM	1	3	20.58	20.68	20.67		
1.4	16QAM	1	5	20.53	20.60	20.51		
1.4	16QAM	3	0	20.56	20.58	20.51		
1.4	16QAM	3	1	20.54	20.48	20.50		
1.4	16QAM	3	3	20.49	20.66	20.55		
1.4	16QAM	6	0	19.59	19.65	19.54	21	2
1.4	64QAM	1	0	19.56	19.67	19.65	21	2
1.4	64QAM	1	3	19.57	19.62	19.56		
1.4	64QAM	1	5	19.51	19.69	19.60		
1.4	64QAM	3	0	19.57	19.52	19.46		
1.4	64QAM	3	1	19.53	19.59	19.62		
1.4	64QAM	3	3	19.52	19.50	19.47		
1.4	64QAM	6	0	18.58	18.59	18.57	20	3
1.4	256QAM	1	0	16.50	16.79	16.74	18	5
1.4	256QAM	1	3	16.66	16.68	16.61		
1.4	256QAM	1	5	16.51	16.74	16.61		
1.4	256QAM	3	0	16.60	16.62	16.66		
1.4	256QAM	3	1	16.60	16.64	16.54		
1.4	256QAM	3	3	16.55	16.62	16.63		
1.4	256QAM	6	0	16.52	16.61	16.57	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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.92		23	0
10	QPSK	1	25		21.85			
10	QPSK	1	49		21.81			
10	QPSK	25	0		20.97		22	1
10	QPSK	25	12		20.87			
10	QPSK	25	25		20.80			
10	QPSK	50	0		20.88			
10	16QAM	1	0		20.87		22	1
10	16QAM	1	25		20.87			
10	16QAM	1	49		20.75			
10	16QAM	25	0		19.96		21	2
10	16QAM	25	12		19.82			
10	16QAM	25	25		19.77			
10	16QAM	50	0		19.86			
10	64QAM	1	0		19.87		21	2
10	64QAM	1	25		19.88			
10	64QAM	1	49		19.83			
10	64QAM	25	0		19.01		20	3
10	64QAM	25	12		18.92			
10	64QAM	25	25		18.85			
10	64QAM	50	0		18.93			
10	256QAM	1	0		16.98		18	5
10	256QAM	1	25		16.82			
10	256QAM	1	49		16.84			
10	256QAM	25	0		16.85		18	5
10	256QAM	25	12		16.86			
10	256QAM	25	25		16.88			
10	256QAM	50	0		16.70			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.78	21.88	21.79	23	0
5	QPSK	1	12	21.72	21.72	21.76		
5	QPSK	1	24	21.78	21.78	21.78		
5	QPSK	12	0	20.86	20.89	20.84	22	1
5	QPSK	12	7	20.76	20.75	20.74		
5	QPSK	12	13	20.76	20.73	20.74		
5	QPSK	25	0	20.86	20.79	20.80		
5	16QAM	1	0	20.83	20.74	20.82	22	1
5	16QAM	1	12	20.82	20.84	20.79		
5	16QAM	1	24	20.66	20.68	20.71		
5	16QAM	12	0	19.85	19.91	19.90	21	2
5	16QAM	12	7	19.74	19.80	19.75		
5	16QAM	12	13	19.65	19.68	19.71		
5	16QAM	25	0	19.83	19.77	19.72		
5	64QAM	1	0	19.75	19.83	19.82	21	2
5	64QAM	1	12	19.75	19.77	19.79		
5	64QAM	1	24	19.73	19.69	19.75		
5	64QAM	12	0	18.90	18.87	18.97	20	3
5	64QAM	12	7	18.84	18.87	18.82		
5	64QAM	12	13	18.79	18.82	18.82		
5	64QAM	25	0	18.85	18.89	18.82		
5	256QAM	1	0	16.85	16.89	16.91	18	5
5	256QAM	1	12	16.80	16.76	16.76		
5	256QAM	1	24	16.72	16.74	16.71		
5	256QAM	12	0	16.77	16.81	16.75	18	5
5	256QAM	12	7	16.73	16.78	16.78		
5	256QAM	12	13	16.83	16.86	16.74		
5	256QAM	25	0	16.62	16.66	16.67		

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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					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.95		23	0
10	QPSK	1	25		21.91			
10	QPSK	1	49		21.86			
10	QPSK	25	0		20.98		22	1
10	QPSK	25	12		20.85			
10	QPSK	25	25		20.86			
10	QPSK	50	0		20.94			
10	16QAM	1	0		20.92		22	1
10	16QAM	1	25		20.88			
10	16QAM	1	49		20.83			
10	16QAM	25	0		19.98		21	2
10	16QAM	25	12		19.84			
10	16QAM	25	25		19.84			
10	16QAM	50	0		19.89			
10	64QAM	1	0		19.92		21	2
10	64QAM	1	25		19.95			
10	64QAM	1	49		19.85			
10	64QAM	25	0		18.94		20	3
10	64QAM	25	12		18.80			
10	64QAM	25	25		18.89			
10	64QAM	50	0		18.99			
10	256QAM	1	0		16.98		18	5
10	256QAM	1	25		16.87			
10	256QAM	1	49		16.89			
10	256QAM	25	0		16.96		18	5
10	256QAM	25	12		16.96			
10	256QAM	25	25		16.94			
10	256QAM	50	0		16.82			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.89	21.93	21.84	23	0
5	QPSK	1	12	21.83	21.86	21.82		
5	QPSK	1	24	21.78	21.81	21.83		
5	QPSK	12	0	20.85	20.96	20.93	22	1
5	QPSK	12	7	20.79	20.72	20.81		
5	QPSK	12	13	20.79	20.76	20.82		
5	QPSK	25	0	20.90	20.90	20.80		
5	16QAM	1	0	20.82	20.84	20.87	22	1
5	16QAM	1	12	20.86	20.80	20.75		
5	16QAM	1	24	20.79	20.76	20.80		
5	16QAM	12	0	19.88	19.87	19.94	21	2
5	16QAM	12	7	19.77	19.77	19.75		
5	16QAM	12	13	19.81	19.76	19.70		
5	16QAM	25	0	19.84	19.78	19.85		
5	64QAM	1	0	19.87	19.87	19.80	21	2
5	64QAM	1	12	19.90	19.92	19.87		
5	64QAM	1	24	19.80	19.73	19.72		
5	64QAM	12	0	18.83	18.83	18.91	20	3
5	64QAM	12	7	18.72	18.76	18.69		
5	64QAM	12	13	18.76	18.80	18.82		
5	64QAM	25	0	18.95	18.97	18.95		
5	256QAM	1	0	16.91	16.86	16.88	18	5
5	256QAM	1	12	16.82	16.74	16.78		
5	256QAM	1	24	16.86	16.76	16.76		
5	256QAM	12	0	16.85	16.87	16.90	18	5
5	256QAM	12	7	16.93	16.94	16.94		
5	256QAM	12	13	16.92	16.84	16.86		
5	256QAM	25	0	16.71	16.73	16.75		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.67	21.70	21.62	23	0
10	QPSK	1	25	21.59	21.67	21.63		
10	QPSK	1	49	21.57	21.62	21.53		
10	QPSK	25	0	20.58	20.75	20.67	22	1
10	QPSK	25	12	20.63	20.70	20.57		
10	QPSK	25	25	20.47	20.71	20.64		
10	QPSK	50	0	20.60	20.69	20.62		
10	16QAM	1	0	20.56	20.58	20.55	22	1
10	16QAM	1	25	20.56	20.64	20.66		
10	16QAM	1	49	20.56	20.65	20.55		
10	16QAM	25	0	19.55	19.70	19.62	21	2
10	16QAM	25	12	19.58	19.64	19.51		
10	16QAM	25	25	19.61	19.73	19.72		
10	16QAM	50	0	19.63	19.71	19.56		
10	64QAM	1	0	19.64	19.66	19.74	21	2
10	64QAM	1	25	19.53	19.63	19.62		
10	64QAM	1	49	19.52	19.67	19.54		
10	64QAM	25	0	18.59	18.66	18.69	20	3
10	64QAM	25	12	18.58	18.71	18.57		
10	64QAM	25	25	18.52	18.71	18.59		
10	64QAM	50	0	18.59	18.58	18.62		
10	256QAM	1	0	16.54	16.79	16.66	18	5
10	256QAM	1	25	16.59	16.65	16.54		
10	256QAM	1	49	16.47	16.70	16.68		
10	256QAM	25	0	16.63	16.68	16.66	18	5
10	256QAM	25	12	16.52	16.63	16.55		
10	256QAM	25	25	16.63	16.60	16.62		
10	256QAM	50	0	16.56	16.60	16.48		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.61	21.64	21.53	23	0
5	QPSK	1	12	21.49	21.54	21.57		
5	QPSK	1	24	21.46	21.57	21.44		
5	QPSK	12	0	20.51	20.66	20.55	22	1
5	QPSK	12	7	20.59	20.63	20.52		
5	QPSK	12	13	20.45	20.64	20.56		
5	QPSK	25	0	20.56	20.65	20.49		
5	16QAM	1	0	20.44	20.47	20.50	22	1
5	16QAM	1	12	20.53	20.59	20.60		
5	16QAM	1	24	20.44	20.58	20.51		
5	16QAM	12	0	19.43	19.59	19.50	21	2
5	16QAM	12	7	19.51	19.61	19.44		
5	16QAM	12	13	19.57	19.71	19.58		
5	16QAM	25	0	19.58	19.58	19.43		
5	64QAM	1	0	19.51	19.58	19.70	21	2
5	64QAM	1	12	19.45	19.52	19.50		
5	64QAM	1	24	19.46	19.62	19.41		
5	64QAM	12	0	18.47	18.62	18.65	20	3
5	64QAM	12	7	18.46	18.69	18.43		
5	64QAM	12	13	18.43	18.62	18.51		
5	64QAM	25	0	18.55	18.50	18.60		
5	256QAM	1	0	16.41	16.77	16.64	18	5
5	256QAM	1	12	16.46	16.57	16.46		
5	256QAM	1	24	16.38	16.64	16.59		
5	256QAM	12	0	16.60	16.62	16.55	18	5
5	256QAM	12	7	16.45	16.52	16.45		
5	256QAM	12	13	16.61	16.55	16.57		
5	256QAM	25	0	16.46	16.55	16.37		

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BW [MHz]	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)				1880	1880	1905		
20	QPSK	1	0	17.20	17.25	17.23	18.2	0
20	QPSK	1	49	17.15	17.14	17.10		
20	QPSK	1	99	17.16	17.12	17.13		
20	QPSK	50	0	17.17	17.22	17.12		
20	QPSK	50	24	17.13	17.13	17.16	18.2	0
20	QPSK	50	50	17.07	17.14	17.09		
20	QPSK	100	0	17.11	17.21	17.14		
20	16QAM	1	0	17.14	17.18	17.09		
20	16QAM	1	49	17.13	17.07	16.98	18.2	0
20	16QAM	1	99	17.07	17.00	17.04		
20	16QAM	50	0	17.06	17.12	17.06		
20	16QAM	50	24	17.10	17.06	17.09	18.2	0
20	16QAM	50	50	17.05	17.07	16.96		
20	16QAM	100	0	17.09	17.12	17.01		
20	64QAM	1	0	17.08	17.11	17.11		
20	64QAM	1	49	17.03	17.01	17.05	18.2	0
20	64QAM	1	99	17.04	17.08	17.02		
20	64QAM	50	0	17.05	17.13	16.99		
20	64QAM	50	24	17.09	17.10	17.08	18.2	0
20	64QAM	50	50	16.95	17.01	17.02		
20	64QAM	100	0	17.06	17.09	17.06		
20	256QAM	1	0	17.08	17.19	17.14		
20	256QAM	1	49	17.12	17.00	16.99	18.2	0
20	256QAM	1	99	17.04	17.04	17.02		
20	256QAM	50	0	17.12	17.11	17.04		
20	256QAM	50	24	17.05	17.06	17.11	18.2	0
20	256QAM	50	50	16.96	17.08	17.00		
20	256QAM	100	0	17.03	17.13	17.10		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	17.07	17.18	17.10	18.2	0
15	QPSK	1	37	17.04	17.05	17.01		
15	QPSK	1	74	17.12	17.00	17.02		
15	QPSK	36	0	17.03	17.16	17.06		
15	QPSK	36	20	17.05	17.03	17.12	18.2	0
15	QPSK	36	39	16.99	17.04	16.97		
15	QPSK	75	0	17.08	17.16	17.03		
15	16QAM	1	0	17.05	17.04	17.03		
15	16QAM	1	37	17.05	17.01	16.95	18.2	0
15	16QAM	1	74	16.95	16.91	16.95		
15	16QAM	36	0	17.02	17.12	16.94		
15	16QAM	36	20	17.05	16.94	17.03	18.2	0
15	16QAM	36	39	17.00	17.05	16.94		
15	16QAM	75	0	17.02	17.02	16.97		
15	64QAM	1	0	17.04	17.06	17.04		
15	64QAM	1	37	16.89	16.97	16.94	18.2	0
15	64QAM	1	74	16.95	17.03	16.93		
15	64QAM	36	0	17.00	17.06	16.88		
15	64QAM	36	20	17.00	17.04	17.05	18.2	0
15	64QAM	36	39	16.87	16.92	16.93		
15	64QAM	75	0	17.01	17.02	17.01		
15	256QAM	1	0	16.99	17.08	17.09		
15	256QAM	1	37	17.05	16.92	16.96	18.2	0
15	256QAM	1	74	17.00	16.93	16.99		
15	256QAM	36	0	16.99	17.05	17.00		
15	256QAM	36	20	16.92	16.92	17.02	18.2	0
15	256QAM	36	39	16.90	17.06	16.92		
15	256QAM	75	0	16.99	17.07	16.97		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	17.13	17.13	17.19	18.2	0
10	QPSK	1	25	17.10	17.06	16.99		
10	QPSK	1	49	17.09	17.04	17.06		
10	QPSK	25	0	17.05	17.11	17.03		
10	QPSK	25	12	17.03	17.09	17.08	18.2	0
10	QPSK	25	25	17.05	17.11	17.00		
10	QPSK	50	0	17.00	17.18	17.01		
10	16QAM	1	0	17.05	17.07	16.99		
10	16QAM	1	25	17.05	16.97	16.86	18.2	0
10	16QAM	1	49	17.00	16.96	16.91		
10	16QAM	25	0	16.95	17.14	17.01		
10	16QAM	25	12	17.07	16.98	16.98	18.2	0
10	16QAM	25	25	17.02	17.02	16.91		
10	16QAM	50	0	17.03	17.09	16.92		
10	64QAM	1	0	17.01	17.01	16.99		
10	64QAM	1	25	16.91	16.98	16.97	18.2	0
10	64QAM	1	49	17.02	16.97	16.91		
10	64QAM	25	0	16.96	17.08	16.90		
10	64QAM	25	12	16.97	17.01	17.05	18.2	0
10	64QAM	25	25	16.86	16.98	16.95		
10	64QAM	50	0	16.95	17.02	17.04		
10	256QAM	1	0	16.94	17.10	17.08		
10	256QAM	1	25	17.03	16.88	16.90	18.2	0
10	256QAM	1	49	16.92	17.02	17.00		
10	256QAM	25	0	17.07	17.01	17.01		
10	256QAM	25	12	16.98	17.03	17.09	18.2	0
10	256QAM	25	25	16.85	17.02	16.92		
10	256QAM	50	0	16.91	17.11	17.02		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	17.07	17.18	17.19	18.2	0
5	QPSK	1	12	17.06	17.09	17.02		
5	QPSK	1	24	17.03	17.09	17.08		
5	QPSK	12	0	17.06	17.15	16.99		
5	QPSK	12	7	17.08	17.02	17.08	18.2	0
5	QPSK	12	13	17.01	17.10	17.02		
5	QPSK	25	0	17.00	17.12	17.10		
5	16QAM	1	0	17.09	17.14	16.99		
5	16QAM	1	12	17.04	16.94	16.85	18.2	0
5	16QAM	1	24	17.03	16.88	16.98		
5	16QAM	12	0	17.01	17.11	17.03		
5	16QAM	12	7	16.98	16.99	16.96	18.2	0
5	16QAM	12	13	17.03	17.04	16.91		
5	16QAM	25	0	17.04	17.05	16.98		
5	64QAM	1	0	16.99	17.02	17.09		
5	64QAM	1	12	16.91	16.95	16.97	18.2	0
5	64QAM	1	24	16.99	17.02	16.95		
5	64QAM	12	0	17.01	17.07	16.85		
5	64QAM	12	7	16.96	17.08	17.06	18.2	0
5	64QAM	12	13	16.84	16.94	16.99		
5	64QAM	25	0	16.93	17.00	16.98		
5	256QAM	1	0	16.96	17.12	17.06		
5	256QAM	1	12	17.03	16.91	16.92	18.2	0
5	256QAM	1	24	16.97	16.90	16.96		
5	256QAM	12	0	17.09	17.01	17.02		
5	256QAM	12	7	16.97	16.96	17.03	18.2	0
5	256QAM	12	13	16.86	16.99	16.89		
5	256QAM	25	0	17.00	17.11	17.00		
Channel				26015	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	17.17	17.18	17.16	18.2	0
3	QPSK	1	8	17.07	17.04	16.97		
3	QPSK	1	14	17.05	17.02	17.07		
3	QPSK	8	0	17.10	17.17	16.98		
3	QPSK	8	4	17.06	17.10	17.12	18.2	0
3	QPSK	8	7	16.94	17.12	16.98		
3	QPSK	15	0	17.00	17.14	17.02		
3	16QAM	1	0	17.06	17.05	17.04		
3	16QAM	1	8	17.00	17.00	16.89	18.2	0
3	16QAM	1	14	16.98	16.96	16.94		
3	16QAM	8	0	16.92	17.08	17.02		
3	16QAM	8	4	16.97	17.03	16.95	18.2	0
3	16QAM	8	7	17.01	16.99	16.87		
3	16QAM	15	0	17.01	17.09	16.90		
3	64QAM	1	0	17.04	17.03	17.08		
3	64QAM	1	8	16.96	16.91	17.00	18.2	0
3	64QAM	1	14	16.95	16.94	16.88		
3	64QAM	8	0	16.97	17.00	16.96		
3	64QAM	8	4	16.96	17.04	17.00	18.2	0
3	64QAM	8	7	16.89	16.97	16.95		
3	64QAM	15	0	17.01	16.95	17.00		
3	256QAM	1	0	17.03	17.15	17.04		
3	256QAM	1	8	17.06	16.94	16.91	18.2	0
3	256QAM	1	14	16.93	16.94	16.90		
3	256QAM	8	0	17.03	16.99	16.97		
3	256QAM	8	4	17.00	17.01	17.08	18.2	0
3	256QAM	8	7	16.89	16.98	16.87		
3	256QAM	15	0	16.95	17.09	17.04		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	17.07	17.21	17.18	18.2	0
1.4	QPSK	1	3	17.12	17.09	17.00		
1.4	QPSK	1	5	17.06	17.09	17.05		
1.4	QPSK	3	0	17.14	17.14	17.08		
1.4	QPSK	3	1	17.05	17.10	17.07		
1.4	QPSK	3	3	16.98	17.06	16.97		
1.4	QPSK	6	0	16.98	17.13	17.08	18.2	0
1.4	16QAM	1	0	17.09	17.15	17.03	18.2	0
1.4	16QAM	1	3	17.04	17.04	16.84		
1.4	16QAM	1	5	16.96	16.96	16.98		
1.4	16QAM	3	0	16.93	17.17	17.00		
1.4	16QAM	3	1	17.02	16.94	17.02		
1.4	16QAM	3	3	16.95	17.03	16.91		
1.4	16QAM	6	0	16.96	17.07	16.98	18.2	0
1.4	64QAM	1	0	17.02	17.06	17.08	18.2	0
1.4	64QAM	1	3	16.94	16.90	17.00		
1.4	64QAM	1	5	16.99	17.03	16.98		
1.4	64QAM	3	0	17.00	17.07	16.94		
1.4	64QAM	3	1	17.05	17.03	16.98		
1.4	64QAM	3	3	16.92	16.97	16.91		
1.4	64QAM	6	0	16.92	17.00	16.92	18.2	0
1.4	256QAM	1	0	17.01	17.09	17.03	18.2	0
1.4	256QAM	1	3	16.98	16.95	16.92		
1.4	256QAM	1	5	17.01	17.01	16.99		
1.4	256QAM	3	0	16.99	17.04	16.96		
1.4	256QAM	3	1	16.95	17.04	17.05		
1.4	256QAM	3	3	16.85	16.99	16.96		
1.4	256QAM	6	0	16.98	17.02	17.04	18.2	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.76	21.92	21.81	23	0
15	QPSK	1	37	21.70	21.83	21.70		
15	QPSK	1	74	21.71	21.73	21.83		
15	QPSK	36	0	20.75	20.95	20.89		
15	QPSK	36	20	20.67	20.77	20.70	22	1
15	QPSK	36	39	20.78	20.67	20.84		
15	QPSK	75	0	20.78	20.90	20.77		
15	16QAM	1	0	20.72	20.86	20.84		
15	16QAM	1	37	20.68	20.87	20.65	22	1
15	16QAM	1	74	20.83	20.75	20.87		
15	16QAM	36	0	19.85	19.94	19.81		
15	16QAM	36	20	19.71	19.74	19.67	21	2
15	16QAM	36	39	19.79	19.71	19.85		
15	16QAM	75	0	19.74	19.80	19.82		
15	64QAM	1	0	19.73	19.93	19.84		
15	64QAM	1	37	19.68	19.79	19.74	21	2
15	64QAM	1	74	19.78	19.75	19.83		
15	64QAM	36	0	18.71	18.87	18.85		
15	64QAM	36	20	18.72	18.70	18.71	20	3
15	64QAM	36	39	18.77	18.62	18.80		
15	64QAM	75	0	18.71	18.78	18.83		
15	256QAM	1	0	16.73	16.93	16.80		
15	256QAM	1	37	16.70	16.85	16.61	18	5
15	256QAM	1	74	16.82	16.68	16.75		
15	256QAM	36	0	16.81	16.84	16.84		
15	256QAM	36	20	16.79	16.82	16.85	18	5
15	256QAM	36	39	16.73	16.83	16.68		
15	256QAM	75	0	16.81	16.73	16.86		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.71	21.87	21.79	23	0
10	QPSK	1	25	21.61	21.79	21.58		
10	QPSK	1	49	21.67	21.65	21.71		
10	QPSK	25	0	20.70	20.82	20.79	22	1
10	QPSK	25	12	20.64	20.70	20.57		
10	QPSK	25	25	20.75	20.57	20.81		
10	QPSK	50	0	20.75	20.72	20.73		
10	16QAM	1	0	20.62	20.73	20.78		
10	16QAM	1	25	20.54	20.76	20.61	22	1
10	16QAM	1	49	20.71	20.68	20.75		
10	16QAM	25	0	19.80	19.81	19.73		
10	16QAM	25	12	19.67	19.61	19.56	21	2
10	16QAM	25	25	19.68	19.64	19.72		
10	16QAM	50	0	19.65	19.78	19.77		
10	64QAM	1	0	19.61	19.86	19.82		
10	64QAM	1	25	19.62	19.75	19.60	21	2
10	64QAM	1	49	19.74	19.66	19.73		
10	64QAM	25	0	18.61	18.84	18.83		
10	64QAM	25	12	18.58	18.61	18.62	20	3
10	64QAM	25	25	18.64	18.54	18.68		
10	64QAM	50	0	18.60	18.71	18.70		
10	256QAM	1	0	16.67	16.84	16.75		
10	256QAM	1	25	16.66	16.77	16.50	18	5
10	256QAM	1	49	16.70	16.58	16.73		
10	256QAM	25	0	16.69	16.81	16.80		
10	256QAM	25	12	16.69	16.79	16.78	18	5
10	256QAM	25	25	16.64	16.80	16.63		
10	256QAM	50	0	16.71	16.68	16.74		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.65	21.83	21.71	23	0
5	QPSK	1	12	21.66	21.80	21.61		
5	QPSK	1	24	21.67	21.65	21.78		
5	QPSK	12	0	20.66	20.85	20.86	22	1
5	QPSK	12	7	20.55	20.73	20.61		
5	QPSK	12	13	20.75	20.54	20.72		
5	QPSK	25	0	20.75	20.78	20.67		
5	16QAM	1	0	20.64	20.82	20.70		
5	16QAM	1	12	20.58	20.74	20.62	22	1
5	16QAM	1	24	20.77	20.63	20.85		
5	16QAM	12	0	19.81	19.88	19.70		
5	16QAM	12	7	19.59	19.67	19.58	21	2
5	16QAM	12	13	19.72	19.69	19.83		
5	16QAM	25	0	19.63	19.76	19.70		
5	64QAM	1	0	19.60	19.85	19.81		
5	64QAM	1	12	19.60	19.70	19.63	21	2
5	64QAM	1	24	19.69	19.63	19.75		
5	64QAM	12	0	18.61	18.81	18.83		
5	64QAM	12	7	18.63	18.60	18.67	20	3
5	64QAM	12	13	18.75	18.49	18.71		
5	64QAM	25	0	18.60	18.65	18.72		
5	256QAM	1	0	16.65	16.88	16.78		
5	256QAM	1	12	16.58	16.76	16.50	18	5
5	256QAM	1	24	16.76	16.60	16.72		
5	256QAM	12	0	16.70	16.70	16.81		
5	256QAM	12	7	16.74	16.71	16.79	18	5
5	256QAM	12	13	16.61	16.71	16.56		
5	256QAM	25	0	16.70	16.65	16.77		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.67	21.81	21.78	23	0
3	QPSK	1	8	21.66	21.72	21.65		
3	QPSK	1	14	21.61	21.61	21.72		
3	QPSK	8	0	20.66	20.85	20.87	22	1
3	QPSK	8	4	20.64	20.74	20.62		
3	QPSK	8	7	20.67	20.62	20.75		
3	QPSK	15	0	20.72	20.71	20.71		
3	16QAM	1	0	20.68	20.74	20.72		
3	16QAM	1	8	20.58	20.85	20.53	22	1
3	16QAM	1	14	20.75	20.67	20.74		
3	16QAM	8	0	19.74	19.81	19.76		
3	16QAM	8	4	19.67	19.68	19.63	21	2
3	16QAM	8	7	19.72	19.68	19.81		
3	16QAM	15	0	19.61	19.69	19.71		
3	64QAM	1	0	19.61	19.88	19.79		
3	64QAM	1	8	19.60	19.70	19.67	21	2
3	64QAM	1	14	19.74	19.62	19.80		
3	64QAM	8	0	18.63	18.77	18.74		
3	64QAM	8	4	18.64	18.64	18.64	20	3
3	64QAM	8	7	18.70	18.57	18.71		
3	64QAM	15	0	18.65	18.66	18.70		
3	256QAM	1	0	16.60	16.83	16.75		
3	256QAM	1	8	16.64	16.79	16.54	18	5
3	256QAM	1	14	16.71	16.65	16.64		
3	256QAM	8	0	16.69	16.75	16.72		
3	256QAM	8	4	16.69	16.77	16.81	18	5
3	256QAM	8	7	16.65	16.72	16.58		
3	256QAM	15	0	16.74	16.68	16.73		
Channel				26667	26865	27063	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.66	21.79	21.73	23	0
1.4	QPSK	1	3	21.58	21.69	21.58		
1.4	QPSK	1	5	21.61	21.59	21.78		
1.4	QPSK	3	0	21.61	21.67	21.66		
1.4	QPSK	3	1	21.44	21.62	21.45		
1.4	QPSK	3	3	21.47	21.52	21.68		
1.4	QPSK	6	0	20.72	20.70	20.71	22	1
1.4	16QAM	1	0	20.63	20.81	20.78	22	1
1.4	16QAM	1	3	20.55	20.74	20.51		
1.4	16QAM	1	5	20.78	20.69	20.75		
1.4	16QAM	3	0	20.67	20.61	20.62		
1.4	16QAM	3	1	20.52	20.75	20.74		
1.4	16QAM	3	3	20.46	20.70	20.45		
1.4	16QAM	6	0	19.65	19.70	19.69	21	2
1.4	64QAM	1	0	19.68	19.87	19.78	21	2
1.4	64QAM	1	3	19.55	19.76	19.60		
1.4	64QAM	1	5	19.69	19.65	19.71		
1.4	64QAM	3	0	19.58	19.58	19.56		
1.4	64QAM	3	1	19.65	19.84	19.68		
1.4	64QAM	3	3	19.43	19.68	19.49		
1.4	64QAM	6	0	18.58	18.65	18.80	20	3
1.4	256QAM	1	0	16.68	16.79	16.71	18	5
1.4	256QAM	1	3	16.58	16.73	16.55		
1.4	256QAM	1	5	16.77	16.58	16.65		
1.4	256QAM	3	0	16.74	16.71	16.72		
1.4	256QAM	3	1	16.68	16.78	16.72		
1.4	256QAM	3	3	16.60	16.75	16.62		
1.4	256QAM	6	0	16.73	16.60	16.75	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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		17.71		19	0
10	QPSK	1	25		17.68			
10	QPSK	1	49		17.65			
10	QPSK	25	0		17.68			
10	QPSK	25	12		17.63		19	0
10	QPSK	25	25		17.52			
10	QPSK	50	0		17.64			
10	16QAM	1	0		17.59			
10	16QAM	1	25		17.62		19	0
10	16QAM	1	49		17.60			
10	16QAM	25	0		17.59			
10	16QAM	25	12		17.55		19	0
10	16QAM	25	25		17.46			
10	16QAM	50	0		17.61			
10	64QAM	1	0		17.63			
10	64QAM	1	25		17.58		19	0
10	64QAM	1	49		17.52			
10	64QAM	25	0		17.58			
10	64QAM	25	12		17.54		19	0
10	64QAM	25	25		17.44			
10	64QAM	50	0		17.62			
10	256QAM	1	0		17.58			
10	256QAM	1	25		17.59		19	0
10	256QAM	1	49		17.55			
10	256QAM	25	0		17.62			
10	256QAM	25	12		17.50		19	0
10	256QAM	25	25		17.40			
10	256QAM	50	0		17.59			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	17.64	17.65	17.63	19	0
5	QPSK	1	12	17.55	17.56	17.58		
5	QPSK	1	24	17.62	17.55	17.61		
5	QPSK	12	0	17.54	17.64	17.58	19	0
5	QPSK	12	7	17.59	17.53	17.52		
5	QPSK	12	13	17.48	17.41	17.40		
5	QPSK	25	0	17.59	17.57	17.53		
5	16QAM	1	0	17.48	17.52	17.56	19	0
5	16QAM	1	12	17.55	17.57	17.57		
5	16QAM	1	24	17.56	17.53	17.54		
5	16QAM	12	0	17.49	17.50	17.48	19	0
5	16QAM	12	7	17.44	17.50	17.49		
5	16QAM	12	13	17.37	17.35	17.39		
5	16QAM	25	0	17.53	17.58	17.57		
5	64QAM	1	0	17.53	17.50	17.57	19	0
5	64QAM	1	12	17.55	17.53	17.50		
5	64QAM	1	24	17.41	17.43	17.45		
5	64QAM	12	0	17.56	17.55	17.52	19	0
5	64QAM	12	7	17.40	17.52	17.47		

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BW [MHz]	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	16.63	16.65	16.60	17.8	0
20	QPSK	1	49	16.56	16.54	16.54		
20	QPSK	1	99	16.55	16.58	16.47		
20	QPSK	50	0	16.56	16.60	16.54	17.8	0
20	QPSK	50	24	16.58	16.57	16.56		
20	QPSK	50	50	16.59	16.52	16.54		
20	QPSK	100	0	16.55	16.56	16.51		
20	16QAM	1	0	16.51	16.51	16.48	17.8	0
20	16QAM	1	49	16.47	16.45	16.45		
20	16QAM	1	99	16.51	16.47	16.41		
20	16QAM	50	0	16.47	16.54	16.44	17.8	0
20	16QAM	50	24	16.50	16.49	16.48		
20	16QAM	50	50	16.54	16.42	16.51		
20	16QAM	100	0	16.49	16.45	16.47		
20	64QAM	1	0	16.57	16.55	16.56	17.8	0
20	64QAM	1	49	16.47	16.43	16.48		
20	64QAM	1	99	16.52	16.53	16.41		
20	64QAM	50	0	16.47	16.56	16.49	17.8	0
20	64QAM	50	24	16.47	16.50	16.45		
20	64QAM	50	50	16.56	16.48	16.50		
20	64QAM	100	0	16.41	16.48	16.46		
20	256QAM	1	0	16.61	16.53	16.55	17.8	0
20	256QAM	1	49	16.50	16.42	16.52		
20	256QAM	1	99	16.45	16.44	16.36		
20	256QAM	50	0	16.49	16.51	16.50	17.8	0
20	256QAM	50	24	16.46	16.51	16.49		
20	256QAM	50	50	16.46	16.49	16.47		
20	256QAM	100	0	16.50	16.44	16.41		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.52	16.61	16.54	17.8	0
15	QPSK	1	37	16.48	16.49	16.40		
15	QPSK	1	74	16.53	16.56	16.44		
15	QPSK	36	0	16.45	16.52	16.47	17.8	0
15	QPSK	36	20	16.56	16.53	16.43		
15	QPSK	36	39	16.53	16.41	16.44		
15	QPSK	75	0	16.52	16.53	16.48		
15	16QAM	1	0	16.39	16.42	16.45	17.8	0
15	16QAM	1	37	16.43	16.33	16.42		
15	16QAM	1	74	16.38	16.39	16.30		
15	16QAM	36	0	16.34	16.41	16.33	17.8	0
15	16QAM	36	20	16.36	16.37	16.38		
15	16QAM	36	39	16.50	16.36	16.46		
15	16QAM	75	0	16.46	16.33	16.43		
15	64QAM	1	0	16.55	16.45	16.51	17.8	0
15	64QAM	1	37	16.37	16.32	16.44		
15	64QAM	1	74	16.46	16.41	16.36		
15	64QAM	36	0	16.33	16.53	16.42	17.8	0
15	64QAM	36	20	16.38	16.44	16.33		
15	64QAM	36	39	16.47	16.45	16.39		
15	64QAM	75	0	16.36	16.45	16.33		
15	256QAM	1	0	16.55	16.48	16.49	17.8	0
15	256QAM	1	37	16.46	16.30	16.48		
15	256QAM	1	74	16.41	16.30	16.26		
15	256QAM	36	0	16.42	16.44	16.47	17.8	0
15	256QAM	36	20	16.34	16.47	16.44		
15	256QAM	36	39	16.44	16.44	16.44		
15	256QAM	75	0	16.47	16.41	16.31		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.51	16.60	16.57	17.8	0
10	QPSK	1	25	16.49	16.51	16.44		
10	QPSK	1	49	16.46	16.44	16.36		
10	QPSK	25	0	16.51	16.56	16.42	17.8	0
10	QPSK	25	12	16.46	16.52	16.45		
10	QPSK	25	25	16.52	16.46	16.49		
10	QPSK	50	0	16.50	16.45	16.41		
10	16QAM	1	0	16.40	16.46	16.43	17.8	0
10	16QAM	1	25	16.37	16.38	16.35		
10	16QAM	1	49	16.44	16.41	16.36		
10	16QAM	25	0	16.36	16.52	16.37	17.8	0
10	16QAM	25	12	16.45	16.37	16.42		
10	16QAM	25	25	16.47	16.31	16.45		
10	16QAM	50	0	16.37	16.40	16.44		
10	64QAM	1	0	16.53	16.51	16.53	17.8	0
10	64QAM	1	25	16.37	16.35	16.45		
10	64QAM	1	49	16.47	16.50	16.38		
10	64QAM	25	0	16.34	16.46	16.39	17.8	0
10	64QAM	25	12	16.41	16.40	16.39		
10	64QAM	25	25	16.50	16.45	16.39		
10	64QAM	50	0	16.38	16.40	16.41		
10	256QAM	1	0	16.49	16.47	16.43	17.8	0
10	256QAM	1	25	16.47	16.30	16.46		
10	256QAM	1	49	16.31	16.42	16.26		
10	256QAM	25	0	16.38	16.42	16.44	17.8	0
10	256QAM	25	12	16.46	16.43	16.43		
10	256QAM	25	25	16.39	16.45	16.33		
10	256QAM	50	0	16.47	16.32	16.33		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.58	16.53	16.55	17.8	0
5	QPSK	1	12	16.49	16.47	16.46		
5	QPSK	1	24	16.50	16.51	16.37		
5	QPSK	12	0	16.47	16.56	16.45	17.8	0
5	QPSK	12	7	16.50	16.48	16.42		
5	QPSK	12	13	16.47	16.42	16.51		
5	QPSK	25	0	16.50	16.50	16.41		
5	16QAM	1	0	16.46	16.37	16.45	17.8	0
5	16QAM	1	12	16.44	16.37	16.31		
5	16QAM	1	24	16.40	16.41	16.30		
5	16QAM	12	0	16.42	16.41	16.35	17.8	0
5	16QAM	12	7	16.45	16.44	16.38		
5	16QAM	12	13	16.42	16.32	16.39		
5	16QAM	25	0	16.37	16.39	16.39		
5	64QAM	1	0	16.46	16.50	16.46	17.8	0
5	64QAM	1	12	16.38	16.32	16.35		
5	64QAM	1	24	16.43	16.45	16.28		
5	64QAM	12	0	16.44	16.50	16.43	17.8	0
5	64QAM	12	7	16.41	16.42	16.33		
5	64QAM	12	13	16.50	16.38	16.38		
5	64QAM	25	0	16.28	16.41	16.37		
5	256QAM	1	0	16.48	16.49	16.48	17.8	0
5	256QAM	1	12	16.46	16.37	16.44		
5	256QAM	1	24	16.32	16.38	16.23		
5	256QAM	12	0	16.37	16.46	16.44	17.8	0
5	256QAM	12	7	16.41	16.39	16.42		
5	256QAM	12	13	16.47	16.45	16.40		
5	256QAM	25	0	16.37	16.35	16.36		
Channel				131982	132322	132662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.50	16.62	16.56	17.8	0
3	QPSK	1	8	16.45	16.44	16.45		
3	QPSK	1	14	16.53	16.48	16.33		
3	QPSK	8	0	16.49	16.57	16.47	17.8	0
3	QPSK	8	4	16.50	16.52	16.46		
3	QPSK	8	7	16.52	16.41	16.44		
3	QPSK	15	0	16.53	16.43	16.48		
3	16QAM	1	0	16.48	16.44	16.39	17.8	0
3	16QAM	1	8	16.40	16.35	16.31		
3	16QAM	1	14	16.46	16.33	16.38		
3	16QAM	8	0	16.42	16.41	16.36	17.8	0
3	16QAM	8	4	16.38	16.43	16.38		
3	16QAM	8	7	16.46	16.38	16.42		
3	16QAM	15	0	16.37	16.34	16.37		
3	64QAM	1	0	16.48	16.50	16.43	17.8	0
3	64QAM	1	8	16.43	16.34	16.34		
3	64QAM	1	14	16.44	16.39	16.28		
3	64QAM	8	0	16.39	16.51	16.45	17.8	0
3	64QAM	8	4	16.43	16.46	16.37		
3	64QAM	8	7	16.47	16.43	16.43		
3	64QAM	15	0	16.35	16.45	16.44		
3	256QAM	1	0	16.51	16.51	16.49	17.8	0
3	256QAM	1	8	16.46	16.36	16.47		
3	256QAM	1	14	16.43	16.41	16.24		
3	256QAM	8	0	16.45	16.45	16.43	17.8	0
3	256QAM	8	4	16.37	16.47	16.46		
3	256QAM	8	7	16.46	16.39	16.41		
3	256QAM	15	0	16.37	16.38	16.35		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.54	16.55	16.48	17.8	0
1.4	QPSK	1	3	16.53	16.41	16.42		
1.4	QPSK	1	5	16.41	16.52	16.45		
1.4	QPSK	3	0	16.48	16.52	16.47		
1.4	QPSK	3	1	16.55	16.45	16.44		
1.4	QPSK	3	3	16.48	16.49	16.46		
1.4	QPSK	6	0	16.46	16.47	16.49	17.8	0
1.4	16QAM	1	0	16.44	16.38	16.40	17.8	0
1.4	16QAM	1	3	16.38	16.41	16.38		
1.4	16QAM	1	5	16.37	16.37	16.33		
1.4	16QAM	3	0	16.34	16.42	16.36		
1.4	16QAM	3	1	16.44	16.35	16.37		
1.4	16QAM	3	3	16.45	16.37	16.38		
1.4	16QAM	6	0	16.43	16.34	16.36	17.8	0
1.4	64QAM	1	0	16.50	16.51	16.45	17.8	0
1.4	64QAM	1	3	16.42	16.38	16.40		
1.4	64QAM	1	5	16.41	16.46	16.27		
1.4	64QAM	3	0	16.44	16.46	16.47		
1.4	64QAM	3	1	16.35	16.37	16.33		
1.4	64QAM	3	3	16.43	16.43	16.47		
1.4	64QAM	6	0	16.28	16.37	16.43	17.8	0
1.4	256QAM	1	0	16.51	16.46	16.49	17.8	0
1.4	256QAM	1	3	16.39	16.30	16.41		
1.4	256QAM	1	5	16.37	16.32	16.28		
1.4	256QAM	3	0	16.39	16.39	16.38		
1.4	256QAM	3	1	16.33	16.42	16.43		
1.4	256QAM	3	3	16.45	16.36	16.38		
1.4	256QAM	6	0	16.41	16.40	16.32	17.8	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.11	22.13	22.12	23	0
20	QPSK	1	49	22.05	22.08	22.02		
20	QPSK	1	99	22.04	22.02	22.04		
20	QPSK	50	0	21.07	21.18	21.08	22	1
20	QPSK	50	24	21.10	21.10	21.03		
20	QPSK	50	50	21.02	21.01	21.02		
20	QPSK	100	0	21.09	21.14	21.11		
20	16QAM	1	0	21.07	21.10	21.07	22	1
20	16QAM	1	49	21.03	21.14	20.99		
20	16QAM	1	99	21.00	21.05	21.08		
20	16QAM	50	0	20.11	20.13	20.02	21	2
20	16QAM	50	24	20.04	20.15	20.06		
20	16QAM	50	50	20.06	20.02	20.07		
20	16QAM	100	0	20.15	20.16	20.13		
20	64QAM	1	0	20.17	20.15	20.14	21	2
20	64QAM	1	49	20.07	20.12	19.96		
20	64QAM	1	99	20.10	19.99	20.06		
20	64QAM	50	0	19.10	19.22	19.13	20	3
20	64QAM	50	24	19.08	19.07	19.06		
20	64QAM	50	50	18.99	19.06	19.05		
20	64QAM	100	0	19.10	19.18	19.13		
20	256QAM	1	0	17.10	17.21	17.07	18	5
20	256QAM	1	49	17.16	17.14	17.05		
20	256QAM	1	99	17.00	16.96	17.03		
20	256QAM	50	0	17.11	17.16	17.16	18	5
20	256QAM	50	24	17.03	17.05	17.02		
20	256QAM	50	50	16.98	17.18	16.98		
20	256QAM	100	0	17.02	17.10	17.05		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.98	22.10	22.01	23	0
15	QPSK	1	37	22.01	21.96	21.89		
15	QPSK	1	74	21.98	21.96	21.90		
15	QPSK	36	0	20.94	21.10	21.00	22	1
15	QPSK	36	20	21.03	21.01	20.97		
15	QPSK	36	39	20.93	20.94	20.92		
15	QPSK	75	0	21.02	21.01	20.97		
15	16QAM	1	0	21.05	21.03	21.02	22	1
15	16QAM	1	37	21.01	21.07	20.92		
15	16QAM	1	74	20.90	20.94	21.05		
15	16QAM	36	0	20.04	20.00	19.95	21	2
15	16QAM	36	20	19.98	20.07	20.04		
15	16QAM	36	39	20.03	19.95	20.02		
15	16QAM	75	0	20.02	20.05	19.99		
15	64QAM	1	0	20.11	20.11	20.01	21	2
15	64QAM	1	37	19.96	20.08	19.93		
15	64QAM	1	74	20.03	19.96	20.01		
15	64QAM	36	0	19.07	19.16	19.07	20	3
15	64QAM	36	20	19.04	18.98	18.94		
15	64QAM	36	39	18.87	18.93	18.99		
15	64QAM	75	0	19.07	19.09	19.02		
15	256QAM	1	0	16.99	17.09	16.96	18	5
15	256QAM	1	37	17.14	17.11	16.99		
15	256QAM	1	74	16.95	16.87	16.99		
15	256QAM	36	0	17.02	17.12	17.03	18	5
15	256QAM	36	20	16.97	16.93	16.98		
15	256QAM	36	39	16.87	17.09	16.91		
15	256QAM	75	0	17.00	17.04	16.92		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.04	22.05	22.06	23	0
10	QPSK	1	25	21.95	22.00	21.97		
10	QPSK	1	49	21.94	21.98	21.90		
10	QPSK	25	0	21.00	21.13	21.01	22	1
10	QPSK	25	12	21.08	21.05	20.96		
10	QPSK	25	25	20.93	20.99	20.97		
10	QPSK	50	0	21.00	21.10	21.07		
10	16QAM	1	0	21.00	21.06	21.03	22	1
10	16QAM	1	25	20.94	21.10	20.96		
10	16QAM	1	49	20.87	20.99	21.02		
10	16QAM	25	0	19.98	20.04	19.95	21	2
10	16QAM	25	12	19.99	20.10	19.94		
10	16QAM	25	25	20.01	19.91	19.98		
10	16QAM	50	0	20.10	20.06	20.00		
10	64QAM	1	0	20.14	20.05	20.06	21	2
10	64QAM	1	25	20.01	20.04	19.87		
10	64QAM	1	49	19.99	19.87	20.01		
10	64QAM	25	0	19.00	19.13	19.06	20	3
10	64QAM	25	12	19.02	18.97	18.98		
10	64QAM	25	25	18.92	18.97	18.98		
10	64QAM	50	0	18.98	19.15	19.11		
10	256QAM	1	0	16.98	17.08	17.05	18	5
10	256QAM	1	25	17.10	17.01	17.00		
10	256QAM	1	49	16.97	16.83	16.94		
10	256QAM	25	0	16.97	17.03	17.06	18	5
10	256QAM	25	12	16.94	16.92	16.91		
10	256QAM	25	25	16.89	17.12	16.86		
10	256QAM	50	0	16.96	17.00	16.99		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.05	22.08	22.05	23	0
5	QPSK	1	12	22.02	22.01	21.97		
5	QPSK	1	24	21.99	21.95	21.92		
5	QPSK	12	0	21.02	21.11	21.04	22	1
5	QPSK	12	7	21.01	21.05	20.99		
5	QPSK	12	13	20.98	20.88	20.97		
5	QPSK	25	0	21.07	21.02	20.99		
5	16QAM	1	0	21.01	21.00	20.95	22	1
5	16QAM	1	12	20.97	21.12	20.91		
5	16QAM	1	24	20.91	20.93	21.01		
5	16QAM	12	0	19.98	20.03	20.00	21	2
5	16QAM	12	7	20.00	20.06	19.97		
5	16QAM	12	13	19.98	19.90	19.96		
5	16QAM	25	0	20.11	20.03	20.07		
5	64QAM	1	0	20.05	20.03	20.01	21	2
5	64QAM	1	12	20.04	20.05	19.93		
5	64QAM	1	24	20.02	19.86	19.99		
5	64QAM	12	0	19.00	19.18	19.09	20	3
5	64QAM	12	7	19.05	19.01	18.96		
5	64QAM	12	13	18.92	18.96	18.93		
5	64QAM	25	0	18.97	19.14	19.01		
5	256QAM	1	0	17.08	17.10	16.99	18	5
5	256QAM	1	12	17.06	17.02	16.97		
5	256QAM	1	24	16.95	16.84	16.98		
5	256QAM	12	0	16.99	17.03	17.10	18	5
5	256QAM	12	7	16.91	16.97	16.91		
5	256QAM	12	13	16.88	17.04	16.88		
5	256QAM	25	0	16.96	17.06	17.00		

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BW [MHz]	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	2596	2610		
20	QPSK	1	0	18.83	18.94	18.91	20.4	0
20	QPSK	1	49	18.80	18.89	18.82		
20	QPSK	1	99	18.79	18.93	18.86		
20	QPSK	50	0	18.85	18.89	18.74		
20	QPSK	50	24	18.82	18.76	18.75		
20	QPSK	50	50	18.72	18.83	18.85		
20	QPSK	100	0	18.81	18.84	18.79		
20	16QAM	1	0	18.87	18.82	18.85		
20	16QAM	1	49	18.67	18.70	18.83		
20	16QAM	1	99	18.65	18.83	18.67		
20	16QAM	50	0	18.76	18.92	18.67		
20	16QAM	50	24	18.77	18.82	18.69		
20	16QAM	50	50	18.61	18.78	18.72		
20	16QAM	100	0	18.71	18.80	18.69		
20	64QAM	1	0	18.84	18.87	18.78		
20	64QAM	1	49	18.68	18.83	18.81		
20	64QAM	1	99	18.67	18.76	18.71		
20	64QAM	50	0	18.85	18.86	18.75		
20	64QAM	50	24	18.66	18.84	18.66		
20	64QAM	50	50	18.72	18.73	18.76		
20	64QAM	100	0	18.71	18.84	18.74		
20	256QAM	1	0	18.38	18.50	18.32		
20	256QAM	1	49	18.33	18.42	18.40		
20	256QAM	1	99	18.30	18.50	18.31		
20	256QAM	50	0	18.39	18.41	18.31		
20	256QAM	50	24	18.38	18.38	18.33		
20	256QAM	50	50	18.27	18.31	18.43		
20	256QAM	100	0	18.37	18.37	18.27		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	18.71	18.82	18.85	20.4	0
15	QPSK	1	37	18.73	18.76	18.79		
15	QPSK	1	74	18.74	18.82	18.82		
15	QPSK	36	0	18.76	18.81	18.65		
15	QPSK	36	20	18.78	18.67	18.63		
15	QPSK	36	39	18.66	18.73	18.78		
15	QPSK	75	0	18.70	18.70	18.71		
15	16QAM	1	0	18.75	18.77	18.80		
15	16QAM	1	37	18.63	18.62	18.77		
15	16QAM	1	74	18.61	18.74	18.59		
15	16QAM	36	0	18.62	18.79	18.64		
15	16QAM	36	20	18.75	18.74	18.66		
15	16QAM	36	39	18.49	18.72	18.70		
15	16QAM	75	0	18.64	18.72	18.57		
15	64QAM	1	0	18.82	18.74	18.74		
15	64QAM	1	37	18.61	18.72	18.72		
15	64QAM	1	74	18.58	18.73	18.60		
15	64QAM	36	0	18.73	18.77	18.72		
15	64QAM	36	20	18.60	18.74	18.59		
15	64QAM	36	39	18.58	18.68	18.63		
15	64QAM	75	0	18.68	18.78	18.72		
15	256QAM	1	0	18.34	18.42	18.20		
15	256QAM	1	37	18.29	18.29	18.36		
15	256QAM	1	74	18.21	18.46	18.23		
15	256QAM	36	0	18.34	18.29	18.25		
15	256QAM	36	20	18.33	18.34	18.20		
15	256QAM	36	39	18.21	18.28	18.34		
15	256QAM	75	0	18.33	18.29	18.25		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2616		
10	QPSK	1	0	18.75	18.89	18.83	20.4	0
10	QPSK	1	25	18.66	18.78	18.69		
10	QPSK	1	49	18.74	18.90	18.80		
10	QPSK	25	0	18.71	18.86	18.66		
10	QPSK	25	12	18.75	18.67	18.69		
10	QPSK	25	25	18.62	18.80	18.77		
10	QPSK	50	0	18.74	18.75	18.67		
10	16QAM	1	0	18.78	18.73	18.75		
10	16QAM	1	25	18.64	18.59	18.76		
10	16QAM	1	49	18.57	18.70	18.54		
10	16QAM	25	0	18.67	18.86	18.54		
10	16QAM	25	12	18.74	18.73	18.64		
10	16QAM	25	25	18.57	18.70	18.67		
10	16QAM	50	0	18.68	18.74	18.65		
10	64QAM	1	0	18.76	18.73	18.65		
10	64QAM	1	25	18.59	18.73	18.70		
10	64QAM	1	49	18.57	18.71	18.59		
10	64QAM	25	0	18.72	18.82	18.65		
10	64QAM	25	12	18.61	18.81	18.60		
10	64QAM	25	25	18.62	18.62	18.65		
10	64QAM	50	0	18.60	18.71	18.66		
10	256QAM	1	0	18.26	18.38	18.21		
10	256QAM	1	25	18.21	18.34	18.34		
10	256QAM	1	49	18.19	18.47	18.27		
10	256QAM	25	0	18.34	18.35	18.27		
10	256QAM	25	12	18.34	18.27	18.19		
10	256QAM	25	25	18.16	18.22	18.32		
10	256QAM	50	0	18.25	18.33	18.16		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	18.79	18.84	18.86	20.4	0
5	QPSK	1	12	18.69	18.78	18.79		
5	QPSK	1	24	18.73	18.79	18.74		
5	QPSK	12	0	18.71	18.76	18.65		
5	QPSK	12	7	18.76	18.67	18.70		
5	QPSK	12	13	18.68	18.74	18.78		
5	QPSK	25	0	18.72	18.76	18.72		
5	16QAM	1	0	18.85	18.77	18.81		
5	16QAM	1	12	18.62	18.60	18.80		
5	16QAM	1	24	18.55	18.71	18.60		
5	16QAM	12	0	18.67	18.87	18.63		
5	16QAM	12	7	18.66	18.71	18.57		
5	16QAM	12	13	18.53	18.70	18.65		
5	16QAM	25	0	18.59	18.74	18.58		
5	64QAM	1	0	18.75	18.75	18.73		
5	64QAM	1	12	18.57	18.79	18.68		
5	64QAM	1	24	18.58	18.71	18.64		
5	64QAM	12	0	18.78	18.79	18.66		
5	64QAM	12	7	18.63	18.72	18.72		
5	64QAM	12	13	18.66	18.63	18.68		
5	64QAM	25	0	18.69	18.77	18.64		
5	256QAM	1	0	18.31	18.40	18.26		
5	256QAM	1	12	18.22	18.35	18.32		
5	256QAM	1	24	18.24	18.47	18.18		
5	256QAM	12	0	18.27	18.37	18.18		
5	256QAM	12	7	18.28	18.35	18.26		
5	256QAM	12	13	18.16	18.27	18.32		
5	256QAM	25	0	18.27	18.30	18.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.90	18.96	18.99	18.95	18.93	20.4	0
20	QPSK	1	49	18.78	18.85	18.91	18.90	18.85		
20	QPSK	1	99	18.81	18.86	18.97	18.92	18.83		
20	QPSK	50	0	18.85	18.94	18.96	18.84	18.87		
20	QPSK	50	24	18.79	18.86	18.90	18.87	18.83		
20	QPSK	50	50	18.78	18.86	18.91	18.92	18.82		
20	QPSK	100	0	18.87	18.89	18.95	18.86	18.87		
20	16QAM	1	0	18.87	18.89	18.93	18.92	18.83		
20	16QAM	1	49	18.76	18.71	18.77	18.87	18.75		
20	16QAM	1	99	18.70	18.75	18.93	18.80	18.79		
20	16QAM	50	0	18.81	18.81	18.94	18.71	18.79		
20	16QAM	50	24	18.72	18.82	18.87	18.82	18.73		
20	16QAM	50	50	18.65	18.74	18.87	18.85	18.78		
20	16QAM	100	0	18.80	18.83	18.85	18.82	18.82		
20	64QAM	1	0	18.80	18.94	18.92	18.87	18.83		
20	64QAM	1	49	18.66	18.81	18.88	18.85	18.78		
20	64QAM	1	99	18.77	18.73	18.83	18.83	18.72		
20	64QAM	50	0	18.81	18.90	18.92	18.80	18.83		
20	64QAM	50	24	18.77	18.78	18.86	18.74	18.76		
20	64QAM	50	50	18.64	18.77	18.84	18.85	18.79		
20	64QAM	100	0	18.81	18.77	18.90	18.82	18.84		
20	256QAM	1	0	18.50	18.47	18.52	18.45	18.53		
20	256QAM	1	49	18.33	18.41	18.50	18.49	18.46		
20	256QAM	1	99	18.40	18.43	18.57	18.43	18.33		
20	256QAM	50	0	18.40	18.44	18.53	18.41	18.39		
20	256QAM	50	24	18.34	18.42	18.48	18.42	18.34		
20	256QAM	50	50	18.36	18.39	18.44	18.51	18.35		
20	256QAM	100	0	18.40	18.45	18.48	18.37	18.45		
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	18.88	18.91	18.92	18.82	18.89	20	0
15	QPSK	1	37	18.69	18.78	18.83	18.81	18.72		
15	QPSK	1	74	18.73	18.74	18.83	18.78	18.81		
15	QPSK	36	0	18.82	18.87	18.90	18.78	18.74		
15	QPSK	36	20	18.65	18.78	18.86	18.77	18.81		
15	QPSK	36	39	18.69	18.80	18.85	18.85	18.73		
15	QPSK	75	0	18.73	18.77	18.82	18.76	18.82		
15	16QAM	1	0	18.78	18.80	18.87	18.79	18.71		
15	16QAM	1	37	18.66	18.58	18.70	18.85	18.70		
15	16QAM	1	74	18.65	18.72	18.90	18.69	18.77		
15	16QAM	36	0	18.78	18.69	18.90	18.65	18.74		
15	16QAM	36	20	18.61	18.70	18.82	18.73	18.61		
15	16QAM	36	39	18.63	18.66	18.79	18.75	18.68		
15	16QAM	75	0	18.77	18.70	18.76	18.75	18.72		
15	64QAM	1	0	18.70	18.92	18.79	18.85	18.71		
15	64QAM	1	37	18.54	18.70	18.74	18.76	18.71		
15	64QAM	1	74	18.73	18.63	18.70	18.76	18.67		
15	64QAM	36	0	18.77	18.81	18.83	18.75	18.80		
15	64QAM	36	20	18.69	18.67	18.81	18.65	18.65		
15	64QAM	36	39	18.51	18.72	18.77	18.72	18.88		
15	64QAM	75	0	18.72	18.68	18.82	18.72	18.78		
15	256QAM	1	0	18.40	18.43	18.40	18.40	18.49		
15	256QAM	1	37	18.24	18.37	18.38	18.44	18.42		
15	256QAM	1	74	18.37	18.40	18.47	18.36	18.20		
15	256QAM	36	0	18.34	18.30	18.40	18.36	18.34		
15	256QAM	36	20	18.29	18.37	18.43	18.31	18.20		
15	256QAM	36	39	18.29	18.27	18.38	18.42	18.28		
15	256QAM	75	0	18.37	18.35	18.42	18.28	18.32		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.83	18.90	18.95	18.88	18.88	20	0
10	QPSK	1	25	18.72	18.72	18.84	18.84	18.76		
10	QPSK	1	49	18.77	18.77	18.87	18.84	18.80		
10	QPSK	25	0	18.74	18.81	18.88	18.79	18.80		
10	QPSK	25	12	18.71	18.82	18.87	18.79	18.69		
10	QPSK	25	25	18.75	18.81	18.88	18.88	18.74		
10	QPSK	50	0	18.83	18.77	18.92	18.73	18.75		
10	16QAM	1	0	18.74	18.75	18.90	18.88	18.73		
10	16QAM	1	25	18.64	18.66	18.73	18.76	18.69		
10	16QAM	1	49	18.66	18.64	18.81	18.69	18.72		
10	16QAM	25	0	18.78	18.72	18.90	18.59	18.71		
10	16QAM	25	12	18.66	18.74	18.80	18.76	18.69		
10	16QAM	25	25	18.56	18.61	18.85	18.75	18.72		
10	16QAM	50	0	18.68	18.71	18.82	18.78	18.72		
10	64QAM	1	0	18.78	18.81	18.85	18.84	18.78		
10	64QAM	1	25	18.61	18.75	18.84	18.79	18.68		
10	64QAM	1	49	18.68	18.65	18.79	18.70	18.64		
10	64QAM	25	0	18.78	18.80	18.83	18.73	18.80		
10	64QAM	25	12	18.69	18.75	18.78	18.68	18.68		
10	64QAM	25	25	18.55	18.69	18.74	18.79	18.74		
10	64QAM	50	0	18.70	18.64	18.85	18.76	18.78		
10	256QAM	1	0	18.46	18.41	18.49	18.41	18.43		
10	256QAM	1	25	18.30	18.38	18.42	18.43	18.40		
10	256QAM	1	49	18.31	18.30	18.45	18.36	18.29		
10	256QAM	25	0	18.28	18.42	18.51	18.33	18.26		
10	256QAM	25	12	18.25	18.39	18.35	18.34	18.31		
10	256QAM	25	25	18.25	18.28	18.51	18.45	18.30		
10	256QAM	50	0	18.33	18.35	18.36	18.31	18.37		
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	18.81	18.83	18.86	18.85	18.90	20	0
5	QPSK	1	12	18.68	18.79	18.77	18.87	18.78		
5	QPSK	1	24	18.70	18.75	18.93	18.79	18.80		
5	QPSK	12	0	18.82	18.87	18.85	18.73	18.82		
5	QPSK	12	7	18.65	18.83	18.81	18.78	18.74		
5	QPSK	12	13	18.65	18.82	18.85	18.89	18.72		
5	QPSK	25	0	18.82	18.83	18.86	18.73	18.74		
5	16QAM	1	0	18.76	18.80	18.90	18.76	18.75		
5	16QAM	1	12	18.62	18.61	18.73	18.81	18.70		
5	16QAM	1	24	18.64	18.72	18.87	18.71	18.71		
5	16QAM	12	0	18.75	18.72	18.83	18.65	18.65		
5	16QAM	12	7	18.68	18.73	18.78	18.69	18.69		
5	16QAM	12	13	18.53	18.66	18.80	18.71	18.66		
5	16QAM	25	0	18.72	18.80	18.79	18.74	18.72		
5	64QAM	1	0	18.74	18.91	18.87	18.82	18.74		
5	64QAM	1	12	18.58	18.78	18.75	18.80	18.71		
5	64QAM	1	24	18.72	18.64	18.81	18.71	18.69		
5	64QAM	12	0	18.78	18.77	18.80	18.72	18.75		
5	64QAM	12	7	18.74	18.74	18.76	18.70	18.73		
5	64QAM	12	13	18.52	18.74	18.79	18.73	18.67		
5	64QAM	25	0	18.75	18.72	18.82	18.73	18.77		
5	256QAM	1	0	18.46	18.34	18.40	18.34	18.45		
5	256QAM	1	12	18.21	18.39	18.47	18.38	18.38		
5	256QAM	1	24	18.32	18.35	18.50	18.31	18.21		
5	256QAM	12	0	18.32	18.36	18.42	18.38	18.35		
5	256QAM	12	7	18.27	18.36	18.37	18.32	18.25		
5	256QAM	12	13	18.28	18.28	18.39	18.48	18.31		
5	256QAM	25	0	18.34	18.35	18.46	18.28	18.35		

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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	20.03	20.01	20.10	20.05	20.07	22	0
20	QPSK	1	49	19.97	19.92	20.04	19.97	19.94		
20	QPSK	1	99	19.99	19.92	19.98	19.95	19.94		
20	QPSK	50	0	19.91	19.92	20.06	19.96	20.01		
20	QPSK	50	24	19.99	19.95	19.99	20.02	19.97		
20	QPSK	50	50	19.94	19.94	20.00	20.01	19.97		
20	QPSK	100	0	19.91	19.96	20.03	19.92	19.98		
20	16QAM	1	0	19.90	19.87	20.01	19.93	20.01		
20	16QAM	1	49	19.90	19.81	19.93	19.92	19.84		
20	16QAM	1	99	19.86	19.80	19.92	19.93	19.83		
20	16QAM	50	0	19.79	19.78	19.99	19.88	19.93		
20	16QAM	50	24	19.96	19.92	19.88	19.90	19.93		
20	16QAM	50	50	19.91	19.80	19.96	19.91	19.95		
20	16QAM	100	0	19.85	19.90	19.95	19.87	19.85		
20	64QAM	1	0	20.01	19.93	20.02	19.95	20.03		
20	64QAM	1	49	19.87	19.85	20.00	19.92	19.88		
20	64QAM	1	99	19.94	19.88	19.89	19.91	19.92		
20	64QAM	50	0	19.88	19.85	19.97	19.89	19.89		
20	64QAM	50	24	19.92	19.85	19.97	19.96	19.95		
20	64QAM	50	50	19.87	19.87	19.94	19.92	19.88		
20	64QAM	100	0	19.79	19.85	19.91	19.85	19.95		
20	256QAM	1	0	19.93	19.88	19.99	19.92	19.95		
20	256QAM	1	49	19.84	19.84	19.92	19.86	19.82		
20	256QAM	1	99	19.91	19.90	19.87	19.88	19.86		
20	256QAM	50	0	19.79	19.84	20.00	19.93	19.87		
20	256QAM	50	24	19.88	19.87	19.96	19.88	19.90		
20	256QAM	50	50	19.86	19.83	19.91	19.97	19.83		
20	256QAM	100	0	19.84	19.92	20.00	19.81	19.95		
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	19.92	19.92	20.07	19.99	20.05	22	0
15	QPSK	1	37	19.90	19.83	19.91	19.94	19.92		
15	QPSK	1	74	19.94	19.80	19.94	19.90	19.90		
15	QPSK	36	0	19.78	19.87	19.94	19.84	19.90		
15	QPSK	36	20	19.89	19.84	19.86	19.88	19.90		
15	QPSK	36	39	19.92	19.87	19.93	19.88	19.91		
15	QPSK	75	0	19.85	19.91	19.97	19.87	19.91		
15	16QAM	1	0	19.80	19.75	19.98	19.83	19.93		
15	16QAM	1	37	19.87	19.69	19.87	19.87	19.76		
15	16QAM	1	74	19.84	19.76	19.87	19.80	19.76		
15	16QAM	36	0	19.71	19.70	19.96	19.82	19.80		
15	16QAM	36	20	19.88	19.78	19.83	19.84	19.90		
15	16QAM	36	39	19.83	19.68	19.88	19.89	19.89		
15	16QAM	75	0	19.73	19.83	19.90	19.78	19.74		
15	64QAM	1	0	19.93	19.82	19.95	19.93	19.90		
15	64QAM	1	37	19.81	19.82	19.88	19.84	19.83		
15	64QAM	1	74	19.81	19.80	19.84	19.80	19.82		
15	64QAM	36	0	19.76	19.77	19.90	19.78	19.80		
15	64QAM	36	20	19.85	19.76	19.93	19.93	19.84		
15	64QAM	36	39	19.76	19.78	19.88	19.82	19.78		
15	64QAM	75	0	19.66	19.74	19.88	19.75	19.85		
15	256QAM	1	0	19.90	19.81	19.96	19.80	19.87		
15	256QAM	1	37	19.77	19.82	19.85	19.77	19.68		
15	256QAM	1	74	19.78	19.87	19.79	19.77	19.82		
15	256QAM	36	0	19.75	19.76	19.87	19.80	19.78		
15	256QAM	36	20	19.75	19.77	19.84	19.80	19.82		
15	256QAM	36	39	19.73	19.78	19.85	19.94	19.69		
15	256QAM	75	0	19.79	19.80	19.87	19.75	19.88		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.98	19.95	20.02	19.99	19.95	22	0
10	QPSK	1	25	19.94	19.80	19.93	19.93	19.89		
10	QPSK	1	49	19.88	19.85	19.90	19.90	19.88		
10	QPSK	25	0	19.81	19.80	19.98	19.87	19.90		
10	QPSK	25	12	19.96	19.84	19.96	19.90	19.87		
10	QPSK	25	25	19.90	19.85	19.93	19.91	19.93		
10	QPSK	50	0	19.79	19.90	20.00	19.89	19.89		
10	16QAM	1	0	19.87	19.82	19.95	19.79	19.93		
10	16QAM	1	25	19.87	19.72	19.88	19.89	19.72		
10	16QAM	1	49	19.73	19.74	19.86	19.89	19.75		
10	16QAM	25	0	19.74	19.65	19.86	19.83	19.80		
10	16QAM	25	12	19.89	19.86	19.75	19.77	19.88		
10	16QAM	25	25	19.79	19.67	19.85	19.80	19.87		
10	16QAM	50	0	19.81	19.81	19.90	19.81	19.82		
10	64QAM	1	0	19.90	19.83	19.93	19.91	19.95		
10	64QAM	1	25	19.79	19.71	19.91	19.88	19.76		
10	64QAM	1	49	19.87	19.82	19.77	19.83	19.83		
10	64QAM	25	0	19.85	19.74	19.88	19.84	19.84		
10	64QAM	25	12	19.88	19.74	19.94	19.90	19.87		
10	64QAM	25	25	19.77	19.83	19.89	19.78	19.85		
10	64QAM	50	0	19.75	19.71	19.78	19.73	19.85		
10	256QAM	1	0	19.83	19.82	19.87	19.81	19.88		
10	256QAM	1	25	19.77	19.76	19.79	19.81	19.79		
10	256QAM	1	49	19.88	19.86	19.82	19.76	19.84		
10	256QAM	25	0	19.67	19.74	19.89	19.86	19.77		
10	256QAM	25	12	19.80	19.84	19.82	19.77

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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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	12.34	12.41	12.37		
20	QPSK	1	49	12.26	12.28	12.32	13.3	0
20	QPSK	1	99	12.26	12.24	12.21		
20	QPSK	50	0	12.21	12.35	12.25		
20	QPSK	50	24	12.19	12.25	12.22	13.3	0
20	QPSK	50	50	12.23	12.33	12.29		
20	QPSK	100	0	12.20	12.31	12.30		
20	16QAM	1	0	12.28	12.32	12.24		
20	16QAM	1	49	12.11	12.30	12.15	13.3	0
20	16QAM	1	99	12.16	12.21	12.21		
20	16QAM	50	0	12.18	12.29	12.22		
20	16QAM	50	24	12.14	12.13	12.10	13.3	0
20	16QAM	50	50	12.22	12.22	12.14		
20	16QAM	100	0	12.06	12.20	12.29		
20	64QAM	1	0	12.25	12.30	12.14		
20	64QAM	1	49	12.19	12.31	12.19	13.3	0
20	64QAM	1	99	12.25	12.15	12.15		
20	64QAM	50	0	12.17	12.28	12.20		
20	64QAM	50	24	12.07	12.15	12.10	13.3	0
20	64QAM	50	50	12.25	12.24	12.11		
20	64QAM	100	0	12.11	12.16	12.26		
20	256QAM	1	0	12.26	12.28	12.22		
20	256QAM	1	49	12.19	12.18	12.18	13.3	0
20	256QAM	1	99	12.10	12.10	12.17		
20	256QAM	50	0	12.19	12.28	12.28		
20	256QAM	50	24	12.12	12.17	12.07	13.3	0
20	256QAM	50	50	12.20	12.26	12.14		
20	256QAM	100	0	12.16	12.15	12.19		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	12.30	12.32	12.25		
15	QPSK	1	37	12.16	12.25	12.27	13.3	0
15	QPSK	1	74	12.13	12.22	12.11		
15	QPSK	36	0	12.15	12.29	12.23		
15	QPSK	36	20	12.13	12.20	12.18	13.3	0
15	QPSK	36	39	12.14	12.22	12.21		
15	QPSK	75	0	12.15	12.21	12.17		
15	16QAM	1	0	12.19	12.20	12.22		
15	16QAM	1	37	11.99	12.24	12.10	13.3	0
15	16QAM	1	74	12.09	12.07	12.15		
15	16QAM	36	0	12.07	12.23	12.10		
15	16QAM	36	20	12.02	12.05	12.07	13.3	0
15	16QAM	36	39	12.14	12.10	12.05		
15	16QAM	75	0	12.02	12.14	12.25		
15	64QAM	1	0	12.15	12.27	12.11		
15	64QAM	1	37	12.15	12.19	12.07	13.3	0
15	64QAM	1	74	12.17	12.08	12.03		
15	64QAM	36	0	12.06	12.20	12.14		
15	64QAM	36	20	11.97	12.11	11.99	13.3	0
15	64QAM	36	39	12.22	12.19	12.01		
15	64QAM	75	0	12.07	12.02	12.20		
15	256QAM	1	0	12.19	12.19	12.09		
15	256QAM	1	37	12.08	12.15	12.12	13.3	0
15	256QAM	1	74	12.05	12.02	12.03		
15	256QAM	36	0	12.15	12.23	12.17		
15	256QAM	36	20	12.05	12.14	11.96	13.3	0
15	256QAM	36	39	12.17	12.17	12.05		
15	256QAM	75	0	12.10	12.12	12.13		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	12.21	12.33	12.30		
10	QPSK	1	25	12.24	12.25	12.28	13.3	0
10	QPSK	1	49	12.18	12.14	12.19		
10	QPSK	25	0	12.13	12.23	12.16		
10	QPSK	25	12	12.09	12.23	12.20	13.3	0
10	QPSK	25	25	12.21	12.26	12.20		
10	QPSK	50	0	12.08	12.26	12.23		
10	16QAM	1	0	12.21	12.21	12.11		
10	16QAM	1	25	12.01	12.23	12.11	13.3	0
10	16QAM	1	49	12.13	12.10	12.08		
10	16QAM	25	0	12.10	12.18	12.08		
10	16QAM	25	12	12.02	12.10	11.97	13.3	0
10	16QAM	25	25	12.10	12.16	12.07		
10	16QAM	50	0	11.93	12.15	12.26		
10	64QAM	1	0	12.15	12.17	12.05		
10	64QAM	1	25	12.11	12.19	12.06	13.3	0
10	64QAM	1	49	12.15	12.10	12.09		
10	64QAM	25	0	12.14	12.18	12.07		
10	64QAM	25	12	11.95	12.06	12.07	13.3	0
10	64QAM	25	25	12.18	12.13	12.08		
10	64QAM	50	0	12.00	12.08	12.13		
10	256QAM	1	0	12.14	12.23	12.14		
10	256QAM	1	25	12.16	12.07	12.05	13.3	0
10	256QAM	1	49	12.00	12.02	12.14		
10	256QAM	25	0	12.15	12.26	12.17		
10	256QAM	25	12	12.06	12.09	12.02	13.3	0
10	256QAM	25	25	12.12	12.17	12.03		
10	256QAM	50	0	12.08	12.06	12.11		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	12.26	12.38	12.26		
5	QPSK	1	12	12.20	12.21	12.18	13.3	0
5	QPSK	1	24	12.23	12.15	12.11		
5	QPSK	12	0	12.15	12.27	12.15		
5	QPSK	12	7	12.08	12.20	12.15	13.3	0
5	QPSK	12	13	12.09	12.27	12.19		
5	QPSK	25	0	12.16	12.22	12.23		
5	16QAM	1	0	12.24	12.18	12.14		
5	16QAM	1	12	12.04	12.18	12.11	13.3	0
5	16QAM	1	24	12.05	12.10	12.12		
5	16QAM	12	0	12.09	12.26	12.09		
5	16QAM	12	7	12.04	12.05	12.03	13.3	0
5	16QAM	12	13	12.10	12.20	12.07		
5	16QAM	25	0	11.95	12.09	12.19		
5	64QAM	1	0	12.11	12.22	12.03		
5	64QAM	1	12	12.06	12.23	12.10	13.3	0
5	64QAM	1	24	12.16	12.13	12.04		
5	64QAM	12	0	12.12	12.23	12.15		
5	64QAM	12	7	11.97	12.11	12.07	13.3	0
5	64QAM	12	13	12.19	12.19	12.03		
5	64QAM	25	0	12.05	12.04	12.13		
5	256QAM	1	0	12.16	12.18	12.09		
5	256QAM	1	12	12.10	12.14	12.05	13.3	0
5	256QAM	1	24	12.01	12.02	12.10		
5	256QAM	12	0	12.15	12.25	12.18		
5	256QAM	12	7	12.05	12.14	11.98	13.3	0
5	256QAM	12	13	12.17	12.13	12.01		
5	256QAM	25	0	12.14	12.13	12.13		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	12.32	12.38	12.33		
3	QPSK	1	8	12.17	12.25	12.30	13.3	0
3	QPSK	1	14	12.14	12.20	12.18		
3	QPSK	8	0	12.10	12.30	12.14		
3	QPSK	8	4	12.15	12.14	12.13	13.3	0
3	QPSK	8	7	12.20	12.25	12.18		
3	QPSK	15	0	12.14	12.17	12.22		
3	16QAM	1	0	12.19	12.24	12.11		
3	16QAM	1	8	11.99	12.23	12.10	13.3	0
3	16QAM	1	14	12.08	12.15	12.16		
3	16QAM	8	0	12.14	12.26	12.15		
3	16QAM	8	4	12.08	12.09	12.05	13.3	0
3	16QAM	8	7	12.14	12.15	12.10		
3	16QAM	15	0	11.96	12.13	12.25		
3	64QAM	1	0	12.20	12.23	12.05		
3	64QAM	1	8	12.12	12.27	12.06	13.3	0
3	64QAM	1	14	12.19	12.04	12.06		
3	64QAM	8	0	12.08	12.14	12.07		
3	64QAM	8	4	11.94	12.11	12.06	13.3	0
3	64QAM	8	7	12.21	12.17	12.03		
3	64QAM	15	0	12.04	12.09	12.18		
3	256QAM	1	0	12.14	12.19	12.19		
3	256QAM	1	8	12.17	12.16	12.13	13.3	0
3	256QAM	1	14	12.04	11.97	12.12		
3	256QAM	8	0	12.05	12.20	12.23		
3	256QAM	8	4	12.08	12.08	11.97	13.3	0
3	256QAM	8	7	12.11	12.19	12.08		
3	256QAM	15	0	12.10	12.09	12.14		
Channel				18607	18900	19192	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	12.28	12.29	12.30		
1.4	QPSK	1	3	12.24	12.25	12.29		
1.4	QPSK	1	5	12.23	12.13	12.11	13.3	0
1.4	QPSK	3	0	12.19	12.33	12.16		
1.4	QPSK	3	1	12.12	12.13	12.09		
1.4	QPSK	3	3	12.14	12.25	12.24		
1.4	QPSK	6	0	12.10	12.28	12.24	13.3	0
1.4	16QAM	1	0	12.18	12.27	12.14		
1.4	16QAM	1	3	12.03	12.19	12.10		
1.4	16QAM	1	5	12.03	12.14	12.17	13.3	0
1.4	16QAM	3	0	12.09	12.16	12.14		
1.4	16QAM	3	1	12.12	12.06	12.05		
1.4	16QAM	3	3	12.14	12.13	12.06		
1.4	16QAM	6	0	12.01	12.17	12.20	13.3	0
1.4	64QAM	1	0	12.18	12.19	12.03		
1.4	64QAM	1	3	12.10	12.22	12.16		
1.4	64QAM	1	5	12.17	12.08	12.08	13.3	0
1.4	64QAM	3	0	12.12	12.25	12.11		
1.4	64QAM	3	1	11.96	12.03	12.06		
1.4	64QAM	3	3	12.18	12.12	11.97		
1.4	64QAM	6	0	11.99	12.12	12.21	13.3	0
1.4	256QAM	1	0	12.19	12.25	12.09		
1.4	256QAM	1	3	12.13	12.14	12.08		
1.4	256QAM	1	5	12.00	11.99	12.12	13.3	0
1.4	256QAM	3	0	12.09	12.22	12.20		
1.4	256QAM	3	1	12.09	12.09	11.96		
1.4	256QAM	3	3	12.07	12.13	12.08		
1.4	256QAM	6	0	12.06	12.06	12.09	13.3	0

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BW [MHz]	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	12.58	12.61	12.54		
20	QPSK	1	49	12.58	12.45	12.42	13.8	0
20	QPSK	1	99	12.33	12.46	12.49		
20	QPSK	50	0	12.38	12.57	12.48		
20	QPSK	50	24	12.42	12.53	12.39	13.8	0
20	QPSK	50	50	12.45	12.46	12.42		
20	QPSK	100	0	12.30	12.47	12.44		
20	16QAM	1	0	12.53	12.43	12.44		
20	16QAM	1	49	12.47	12.49	12.33	13.8	0
20	16QAM	1	99	12.44	12.39	12.36		
20	16QAM	50	0	12.33	12.46	12.41		
20	16QAM	50	24	12.42	12.50	12.36	13.8	0
20	16QAM	50	50	12.39	12.43	12.30		
20	16QAM	100	0	12.34	12.44	12.37		
20	64QAM	1	0	12.45	12.46	12.35		
20	64QAM	1	49	12.40	12.36	12.39	13.8	0
20	64QAM	1	99	12.41	12.36	12.37		
20	64QAM	50	0	12.38	12.51	12.35		
20	64QAM	50	24	12.47	12.47	12.31	13.8	0
20	64QAM	50	50	12.46	12.35	12.35		
20	64QAM	100	0	12.40	12.38	12.30		
20	256QAM	1	0	12.37	12.43	12.53		
20	256QAM	1	49	12.44	12.46	12.35	13.8	0
20	256QAM	1	99	12.36	12.36	12.41		
20	256QAM	50	0	12.34	12.54	12.48		
20	256QAM	50	24	12.31	12.44	12.35	13.8	0
20	256QAM	50	50	12.46	12.40	12.46		
20	256QAM	100	0	12.37	12.44	12.40		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	12.48	12.54	12.44		
15	QPSK	1	37	12.53	12.44	12.31	13.8	0
15	QPSK	1	74	12.42	12.30	12.36		
15	QPSK	36	0	12.25	12.51	12.42		
15	QPSK	36	20	12.37	12.40	12.31	13.8	0
15	QPSK	36	39	12.38	12.35	12.30		
15	QPSK	75	0	12.36	12.43	12.34		
15	16QAM	1	0	12.50	12.31	12.33		
15	16QAM	1	37	12.37	12.38	12.29	13.8	0
15	16QAM	1	74	12.33	12.29	12.23		
15	16QAM	36	0	12.24	12.37	12.28		
15	16QAM	36	20	12.28	12.45	12.26	13.8	0
15	16QAM	36	39	12.27	12.40	12.18		
15	16QAM	75	0	12.25	12.32	12.34		
15	64QAM	1	0	12.31	12.32	12.23		
15	64QAM	1	37	12.33	12.30	12.35	13.8	0
15	64QAM	1	74	12.36	12.26	12.34		
15	64QAM	36	0	12.29	12.47	12.28		
15	64QAM	36	20	12.42	12.42	12.20	13.8	0
15	64QAM	36	39	12.40	12.24	12.27		
15	64QAM	75	0	12.37	12.31	12.23		
15	256QAM	1	0	12.28	12.38	12.43		
15	256QAM	1	37	12.42	12.40	12.25	13.8	0
15	256QAM	1	74	12.33	12.23	12.31		
15	256QAM	36	0	12.30	12.47	12.34		
15	256QAM	36	20	12.29	12.40	12.26	13.8	0
15	256QAM	36	39	12.36	12.36	12.32		
15	256QAM	75	0	12.30	12.41	12.31		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	12.51	12.55	12.42		
10	QPSK	1	25	12.46	12.38	12.32	13.8	0
10	QPSK	1	49	12.47	12.35	12.47		
10	QPSK	25	0	12.30	12.49	12.37		
10	QPSK	25	12	12.34	12.45	12.33	13.8	0
10	QPSK	25	25	12.38	12.32	12.32		
10	QPSK	50	0	12.30	12.45	12.33		
10	16QAM	1	0	12.45	12.30	12.33		
10	16QAM	1	25	12.41	12.39	12.22	13.8	0
10	16QAM	1	49	12.38	12.27	12.28		
10	16QAM	25	0	12.21	12.42	12.37		
10	16QAM	25	12	12.39	12.38	12.30	13.8	0
10	16QAM	25	25	12.30	12.30	12.20		
10	16QAM	50	0	12.24	12.34	12.23		
10	64QAM	1	0	12.32	12.40	12.25		
10	64QAM	1	25	12.27	12.23	12.25	13.8	0
10	64QAM	1	49	12.36	12.31	12.34		
10	64QAM	25	0	12.30	12.40	12.23		
10	64QAM	25	12	12.34	12.38	12.19	13.8	0
10	64QAM	25	25	12.44	12.30	12.23		
10	64QAM	50	0	12.33	12.33	12.18		
10	256QAM	1	0	12.33	12.31	12.49		
10	256QAM	1	25	12.34	12.38	12.28	13.8	0
10	256QAM	1	49	12.32	12.26	12.28		
10	256QAM	25	0	12.24	12.48	12.40		
10	256QAM	25	12	12.41	12.26	12.36	13.8	0
10	256QAM	25	25	12.35	12.33	12.36		
10	256QAM	50	0	12.24	12.30	12.32		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	12.50	12.48	12.41		
5	QPSK	1	12	12.53	12.41	12.33	13.8	0
5	QPSK	1	24	12.43	12.29	12.39		
5	QPSK	12	0	12.26	12.47	12.43		
5	QPSK	12	7	12.28	12.50	12.25	13.8	0
5	QPSK	12	13	12.37	12.36	12.38		
5	QPSK	25	0	12.35	12.43	12.40		
5	16QAM	1	0	12.46	12.33	12.33		
5	16QAM	1	12	12.36	12.44	12.28	13.8	0
5	16QAM	1	24	12.32	12.33	12.28		
5	16QAM	12	0	12.24	12.43	12.36		
5	16QAM	12	7	12.32	12.41	12.23	13.8	0
5	16QAM	12	13	12.28	12.52	12.21		
5	16QAM	25	0	12.21	12.42	12.25		
5	64QAM	1	0	12.39	12.34	12.26		
5	64QAM	1	12	12.30	12.29	12.34	13.8	0
5	64QAM	1	24	12.32	12.28	12.32		
5	64QAM	12	0	12.27	12.44	12.21		
5	64QAM	12	7	12.40	12.36	12.21	13.8	0
5	64QAM	12	13	12.35	12.31	12.25		
5	64QAM	25	0	12.36	12.30	12.19		
5	256QAM	1	0	12.28	12.36	12.42		
5	256QAM	1	12	12.37	12.36	12.26	13.8	0
5	256QAM	1	24	12.33	12.34	12.36		
5	256QAM	12	0	12.25	12.43	12.45		
5	256QAM	12	7	12.28	12.35	12.31	13.8	0
5	256QAM	12	13	12.41	12.37	12.34		
5	256QAM	25	0	12.27	12.38	12.28		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	12.55	12.52	12.50		
3	QPSK	1	8	12.48	12.36	12.36	13.8	0
3	QPSK	1	14	12.40	12.34	12.36		
3	QPSK	8	0	12.35	12.53	12.42		
3	QPSK	8	4	12.36	12.50	12.35	13.8	0
3	QPSK	8	7	12.42	12.33	12.39		
3	QPSK	15	0	12.33	12.33	12.40		
3	16QAM	1	0	12.49	12.30	12.37		
3	16QAM	1	8	12.39	12.42	12.26	13.8	0
3	16QAM	1	14	12.37	12.33	12.22		
3	16QAM	8	0	12.20	12.42	12.35		
3	16QAM	8	4	12.32	12.46	12.23	13.8	0
3	16QAM	8	7	12.35	12.32	12.21		
3	16QAM	15	0	12.21	12.38	12.29		
3	64QAM	1	0	12.33	12.34	12.22		
3	64QAM	1	8	12.35	12.25	12.25	13.8	0
3	64QAM	1	14	12.37	12.28	12.29		
3	64QAM	8	0	12.33	12.39	12.29		
3	64QAM	8	4	12.35	12.33	12.20	13.8	0
3	64QAM	8	7	12.32	12.29	12.22		
3	64QAM	15	0	12.37	12.29	12.16		
3	256QAM	1	0	12.28	12.36	12.44		
3	256QAM	1	8	12.41	12.44	12.25	13.8	0
3	256QAM	1	14	12.26	12.28	12.29		
3	256QAM	8	0	12.28	12.51	12.44		
3	256QAM	8	4	12.23	12.40	12.32	13.8	0
3	256QAM	8	7	12.34	12.36	12.37		
3	256QAM	15	0	12.32	12.42	12.30		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	12.51	12.56	12.43		
1.4	QPSK	1	3	12.46	12.35	12.30		
1.4	QPSK	1	5	12.45	12.34	12.38	13.8	0
1.4	QPSK	3	0	12.25	12.50	12.43		
1.4	QPSK	3	1	12.30	12.46	12.25		
1.4	QPSK	3	3	12.32	12.43	12.35		
1.4	QPSK	6	0	12.29	12.40	12.31	13.8	0
1.4	16QAM	1	0	12.44	12.30	12.34		
1.4	16QAM	1	3	12.41	12.37	12.21		
1.4	16QAM	1	5	12.39	12.28	12.24	13.8	0
1.4	16QAM	3	0	12.23	12.36	12.38		
1.4	16QAM	3	1	12.40	12.46	12.23		
1.4	16QAM	3	3	12.32	12.34	12.17		
1.4	16QAM	6	0	12.21	12.42	12.24	13.8	0
1.4	64QAM	1	0	12.35	12.39	12.29		
1.4	64QAM	1	3	12.36	12.23	12.25		
1.4	64QAM	1	5	12.32	12.24	12.28	13.8	0
1.4	64QAM	3	0	12.34	12.43	12.33		
1.4	64QAM	3	1	12.35	12.44	12.20		
1.4	64QAM	3	3	12.36	12.25	12.25		
1.4	64QAM	6	0	12.31	12.32	12.21	13.8	0
1.4	256QAM	1	0	12.29	12.34	12.40		
1.4	256QAM	1	3	12.41	12.33	12.24		
1.4	256QAM	1	5	12.29	12.34	12.35	13.8	0
1.4	256QAM	3	0	12.23	12.42	12.38		
1.4	256QAM	3	1	12.17	12.36	12.32		
1.4	256QAM	3	3	12.43	12.30	12.40		
1.4	256QAM	6	0	12.33	12.40	12.37	13.8	0

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BW [MHz]	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	13.21	13.25	13.19		
20	QPSK	1	49	13.17	13.19	13.08	14.2	0
20	QPSK	1	99	13.13	13.15	13.15		
20	QPSK	50	0	13.17	13.20	13.13		
20	QPSK	50	24	13.09	13.19	13.16	14.2	0
20	QPSK	50	50	13.09	13.15	13.14		
20	QPSK	100	0	13.15	13.16	13.13		
20	16QAM	1	0	13.11	13.12	13.08		
20	16QAM	1	49	13.06	13.09	12.96	14.2	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				26140	26340	26599		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	12.41	12.45	12.39	13.3	0
20	QPSK	1	49	12.31	12.40	12.35		
20	QPSK	1	99	12.37	12.35	12.31		
20	QPSK	50	0	12.32	12.40	12.35	13.3	0
20	QPSK	50	24	12.30	12.31	12.28		
20	QPSK	50	50	12.35	12.39	12.34		
20	QPSK	100	0	12.31	12.36	12.36		
20	16QAM	1	0	12.38	12.35	12.33	13.3	0
20	16QAM	1	49	12.17	12.37	12.23		
20	16QAM	1	99	12.29	12.24	12.24		
20	16QAM	50	0	12.23	12.37	12.29	13.3	0
20	16QAM	50	24	12.20	12.21	12.17		
20	16QAM	50	50	12.28	12.29	12.22		
20	16QAM	100	0	12.18	12.34	12.33		
20	64QAM	1	0	12.33	12.36	12.28	13.3	0
20	64QAM	1	49	12.24	12.33	12.33		
20	64QAM	1	99	12.30	12.22	12.22		
20	64QAM	50	0	12.23	12.35	12.31	13.3	0
20	64QAM	50	24	12.19	12.27	12.15		
20	64QAM	50	50	12.28	12.31	12.24		
20	64QAM	100	0	12.25	12.25	12.30		
20	256QAM	1	0	12.30	12.36	12.32	13.3	0
20	256QAM	1	49	12.29	12.26	12.30		
20	256QAM	1	99	12.24	12.23	12.22		
20	256QAM	50	0	12.25	12.35	12.31	13.3	0
20	256QAM	50	24	12.25	12.26	12.19		
20	256QAM	50	50	12.30	12.32	12.25		
20	256QAM	100	0	12.19	12.25	12.27		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	12.35	12.36	12.34	13.3	0
15	QPSK	1	37	12.24	12.31	12.30		
15	QPSK	1	74	12.32	12.28	12.18		
15	QPSK	36	0	12.21	12.36	12.26	13.3	0
15	QPSK	36	20	12.20	12.21	12.16		
15	QPSK	36	39	12.27	12.27	12.31		
15	QPSK	75	0	12.25	12.24	12.29		
15	16QAM	1	0	12.25	12.23	12.26	13.3	0
15	16QAM	1	37	12.12	12.24	12.14		
15	16QAM	1	74	12.18	12.13	12.12		
15	16QAM	36	0	12.19	12.35	12.17	13.3	0
15	16QAM	36	20	12.07	12.16	12.06		
15	16QAM	36	39	12.14	12.22	12.09		
15	16QAM	75	0	12.16	12.31	12.23		
15	64QAM	1	0	12.21	12.23	12.24	13.3	0
15	64QAM	1	37	12.19	12.22	12.19		
15	64QAM	1	74	12.21	12.13	12.09		
15	64QAM	36	0	12.10	12.31	12.26	13.3	0
15	64QAM	36	20	12.08	12.22	12.15		
15	64QAM	36	39	12.18	12.19	12.15		
15	64QAM	75	0	12.18	12.14	12.23		
15	256QAM	1	0	12.26	12.33	12.20	13.3	0
15	256QAM	1	37	12.21	12.20	12.19		
15	256QAM	1	74	12.20	12.20	12.10		
15	256QAM	36	0	12.18	12.32	12.23	13.3	0
15	256QAM	36	20	12.19	12.19	12.14		
15	256QAM	36	39	12.21	12.25	12.13		
15	256QAM	75	0	12.14	12.14	12.14		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	12.37	12.36	12.32	13.3	0
10	QPSK	1	25	12.25	12.31	12.32		
10	QPSK	1	49	12.31	12.26	12.24		
10	QPSK	25	0	12.27	12.33	12.30	13.3	0
10	QPSK	25	12	12.27	12.28	12.15		
10	QPSK	25	25	12.32	12.32	12.25		
10	QPSK	50	0	12.17	12.28	12.27		
10	16QAM	1	0	12.30	12.26	12.25	13.3	0
10	16QAM	1	25	12.12	12.26	12.09		
10	16QAM	1	49	12.26	12.19	12.11		
10	16QAM	25	0	12.10	12.30	12.23	13.3	0
10	16QAM	25	12	12.14	12.12	12.09		
10	16QAM	25	25	12.18	12.21	12.11		
10	16QAM	50	0	12.04	12.32	12.29		
10	64QAM	1	0	12.27	12.30	12.21	13.3	0
10	64QAM	1	25	12.22	12.31	12.28		
10	64QAM	1	49	12.17	12.09	12.14		
10	64QAM	25	0	12.21	12.24	12.28	13.3	0
10	64QAM	25	12	12.13	12.16	12.05		
10	64QAM	25	25	12.24	12.24	12.13		
10	64QAM	50	0	12.13	12.17	12.24		
10	256QAM	1	0	12.21	12.29	12.21	13.3	0
10	256QAM	1	25	12.19	12.13	12.21		
10	256QAM	1	49	12.13	12.21	12.10		
10	256QAM	25	0	12.20	12.26	12.22	13.3	0
10	256QAM	25	12	12.18	12.24	12.07		
10	256QAM	25	25	12.20	12.22	12.17		
10	256QAM	50	0	12.08	12.11	12.17		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	12.29	12.34	12.34	13.3	0
5	QPSK	1	12	12.19	12.32	12.23		
5	QPSK	1	24	12.32	12.30	12.27		
5	QPSK	12	0	12.19	12.27	12.25	13.3	0
5	QPSK	12	7	12.17	12.25	12.18		
5	QPSK	12	13	12.24	12.30	12.25		
5	QPSK	25	0	12.25	12.31	12.29		
5	16QAM	1	0	12.33	12.31	12.31	13.3	0
5	16QAM	1	12	12.14	12.34	12.17		
5	16QAM	1	24	12.26	12.18	12.11		
5	16QAM	12	0	12.13	12.25	12.25	13.3	0
5	16QAM	12	7	12.12	12.15	12.15		
5	16QAM	12	13	12.17	12.15	12.13		
5	16QAM	25	0	12.13	12.20	12.30		
5	64QAM	1	0	12.29	12.31	12.24	13.3	0
5	64QAM	1	12	12.16	12.24	12.30		
5	64QAM	1	24	12.20	12.11	12.12		
5	64QAM	12	0	12.20	12.22	12.24	13.3	0
5	64QAM	12	7	12.14	12.23	12.01		
5	64QAM	12	13	12.24	12.17	12.17		
5	64QAM	25	0	12.16	12.12	12.18		
5	256QAM	1	0	12.26	12.28	12.24	13.3	0
5	256QAM	1	12	12.21	12.16	12.25		
5	256QAM	1	24	12.11	12.16	12.15		
5	256QAM	12	0	12.12	12.31	12.29	13.3	0
5	256QAM	12	7	12.16	12.17	12.08		
5	256QAM	12	13	12.22	12.19	12.19		
5	256QAM	25	0	12.06	12.16	12.21		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	12.37	12.31	12.36	13.3	0
3	QPSK	1	8	12.25	12.34	12.23		
3	QPSK	1	14	12.26	12.30	12.18		
3	QPSK	8	0	12.19	12.34	12.29	13.3	0
3	QPSK	8	4	12.22	12.29	12.15		
3	QPSK	8	7	12.26	12.29	12.26		
3	QPSK	15	0	12.18	12.24	12.32	13.3	0
3	16QAM	1	0	12.35	12.32	12.20		
3	16QAM	1	8	12.10	12.33	12.17		
3	16QAM	1	14	12.16	12.14	12.19		
3	16QAM	8	0	12.20	12.27	12.21	13.3	0
3	16QAM	8	4	12.06	12.14	12.07		
3	16QAM	8	7	12.19	12.15	12.18		
3	16QAM	15	0	12.06	12.26	12.21	13.3	0
3	64QAM	1	0	12.23	12.27	12.16		
3	64QAM	1	8	12.17	12.21	12.28		
3	64QAM	1	14	12.18	12.13	12.20		
3	64QAM	8	0	12.15	12.22	12.18	13.3	0
3	64QAM	8	4	12.06	12.20	12.06		
3	64QAM	8	7	12.21	12.18	12.14		
3	64QAM	15	0	12.13	12.17	12.21		
3	256QAM	1	0	12.23	12.27	12.25	13.3	0
3	256QAM	1	8	12.21	12.17	12.19		
3	256QAM	1	14	12.13	12.20	12.20		
3	256QAM	8	0	12.21	12.26	12.20	13.3	0
3	256QAM	8	4	12.15	12.14	12.16		
3	256QAM	8	7	12.27	12.23	12.12		
3	256QAM	15	0	12.05	12.20	12.14		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	12.37	12.41	12.33	13.3	0
1.4	QPSK	1	3	12.23	12.33	12.28		
1.4	QPSK	1	5	12.35	12.27	12.17		
1.4	QPSK	3	0	12.18	12.29	12.23		
1.4	QPSK	3	1	12.17	12.20	12.26		
1.4	QPSK	3	3	12.27	12.33	12.21		
1.4	QPSK	6	0	12.24	12.28	12.26	13.3	0
1.4	16QAM	1	0	12.27	12.26	12.24	13.3	0
1.4	16QAM	1	3	12.09	12.25	12.20		
1.4	16QAM	1	5	12.19	12.15	12.18		
1.4	16QAM	3	0	12.20	12.28	12.20		
1.4	16QAM	3	1	12.08	12.10	12.06		
1.4	16QAM	3	3	12.22	12.21	12.16		
1.4	16QAM	6	0	12.06	12.29	12.26	13.3	0
1.4	64QAM	1	0	12.20	12.30	12.15	13.3	0
1.4	64QAM	1	3	12.22	12.30	12.20		
1.4	64QAM	1	5	12.16	12.20	12.14		
1.4	64QAM	3	0	12.18	12.27	12.19		
1.4	64QAM	3	1	12.16	12.20	12.09		
1.4	64QAM	3	3	12.23	12.26	12.16		
1.4	64QAM	6	0	12.14	12.20	12.28	13.3	0
1.4	256QAM	1	0	12.23	12.29	12.22	13.3	0
1.4	256QAM	1	3	12.26	12.13	12.20		
1.4	256QAM	1	5	12.22	12.18	12.17		
1.4	256QAM	3	0	12.18	12.28	12.28		
1.4	256QAM	3	1	12.13	12.16	12.17		
1.4	256QAM	3	3	12.16	12.25	12.15		
1.4	256QAM	6	0	12.06	12.14	12.13	13.3	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		13.12		14.1	0
10	QPSK	1	25		13.09			
10	QPSK	1	49		13.06			
10	QPSK	25	0		13.09		14.1	0
10	QPSK	25	12		12.98			
10	QPSK	25	25		12.99			
10	QPSK	50	0		13.05			
10	16QAM	1	0		13.00		14.1	0
10	16QAM	1	25		13.04			
10	16QAM	1	49		12.92			
10	16QAM	25	0		13.01		14.1	0
10	16QAM	25	12		12.89			
10	16QAM	25	25		12.96			
10	16QAM	50	0		13.03			
10	64QAM	1	0		13.04		14.1	0
10	64QAM	1	25		12.97			
10	64QAM	1	49		12.98			
10	64QAM	25	0		13.07		14.1	0
10	64QAM	25	12		12.92			
10	64QAM	25	25		12.95			
10	64QAM	50	0		12.98			
10	256QAM	1	0		13.02		14.1	0
10	256QAM	1	25		13.00			
10	256QAM	1	49		12.94			
10	256QAM	25	0		12.98		14.1	0
10	256QAM	25	12		12.95			
10	256QAM	25	25		12.86			
10	256QAM	50	0		13.02			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	12.98	13.06	13.00	14.1	0
5	QPSK	1	12	12.99	12.95	13.00		
5	QPSK	1	24	13.01	12.97	12.97		
5	QPSK	12	0	13.06	12.96	13.03	14.1	0
5	QPSK	12	7	12.86	12.91	12.94		
5	QPSK	12	13	12.87	12.95	12.93		
5	QPSK	25	0	13.01	12.97	12.99		
5	16QAM	1	0	12.91	12.89	12.88	14.1	0
5	16QAM	1	12	12.97	12.91	12.95		
5	16QAM	1	24	12.88	12.81	12.83		
5	16QAM	12	0	12.92	12.91	12.97	14.1	0
5	16QAM	12	7	12.78	12.85	12.84		
5	16QAM	12	13	12.91	12.87	12.92		
5	16QAM	25	0	12.99	12.89	12.98		
5	64QAM	1	0	13.02	12.90	12.94	14.1	0
5	64QAM	1	12	12.86	12.86	12.92		
5	64QAM	1	24	12.88	12.87	12.87		
5	64QAM	12	0	12.95	13.00	12.95	14.1	0
5	64QAM	12	7	12.89	12.84	12.85		
5	64QAM	12	13	12.83	12.83	12.82		
5	64QAM	25	0	12.93	12.94	12.95		
5	256QAM	1	0	12.97	12.90	12.98	14.1	0
5	256QAM	1	12	12.91	12.86	12.92		
5	256QAM	1	24	12.88	12.81	12.84		
5	256QAM	12	0	12.95	12.95	12.87	14.1	0
5	256QAM	12	7	12.86	12.93	12.84		
5	256QAM	12	13	12.82	12.83	12.76		
5	256QAM	25	0	12.89	12.93	12.89		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	12.63	12.65	12.60	13.8	0
20	QPSK	1	49	12.60	12.55	12.54		
20	QPSK	1	99	12.57	12.53	12.54		
20	QPSK	50	0	12.51	12.62	12.55	13.8	0
20	QPSK	50	24	12.55	12.61	12.49		
20	QPSK	50	50	12.57	12.53	12.52		
20	QPSK	100	0	12.50	12.60	12.57		
20	16QAM	1	0	12.57	12.53	12.54	13.8	0
20	16QAM	1	49	12.49	12.51	12.47		
20	16QAM	1	99	12.46	12.45	12.47		
20	16QAM	50	0	12.43	12.51	12.48	13.8	0
20	16QAM	50	24	12.51	12.56	12.46		
20	16QAM	50	50	12.44	12.50	12.44		
20	16QAM	100	0	12.46	12.47	12.44		
20	64QAM	1	0	12.58	12.58	12.49	13.8	0
20	64QAM	1	49	12.54	12.48	12.45		
20	64QAM	1	99	12.48	12.47	12.41		
20	64QAM	50	0	12.48	12.55	12.46	13.8	0
20	64QAM	50	24	12.53	12.58	12.39		
20	64QAM	50	50	12.48	12.40	12.40		
20	64QAM	100	0	12.47	12.52	12.43		
20	256QAM	1	0	12.51	12.56	12.57	13.8	0
20	256QAM	1	49	12.54	12.51	12.49		
20	256QAM	1	99	12.49	12.49	12.50		
20	256QAM	50	0	12.37	12.57	12.50	13.8	0
20	256QAM	50	24	12.42	12.51	12.43		
20	256QAM	50	50	12.50	12.45	12.48		
20	256QAM	100	0	12.48	12.53	12.50		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	12.55	12.61	12.47	13.8	0
15	QPSK	1	37	12.54	12.51	12.48		
15	QPSK	1	74	12.53	12.46	12.48		
15	QPSK	36	0	12.46	12.59	12.44	13.8	0
15	QPSK	36	20	12.42	12.57	12.43		
15	QPSK	36	39	12.46	12.43	12.49		
15	QPSK	75	0	12.41	12.52	12.52		
15	16QAM	1	0	12.48	12.48	12.50	13.8	0
15	16QAM	1	37	12.42	12.39	12.38		
15	16QAM	1	74	12.38	12.36	12.43		
15	16QAM	36	0	12.30	12.40	12.35	13.8	0
15	16QAM	36	20	12.48	12.44	12.36		
15	16QAM	36	39	12.35	12.37	12.39		
15	16QAM	75	0	12.41	12.35	12.39		
15	64QAM	1	0	12.51	12.52	12.39	13.8	0
15	64QAM	1	37	12.49	12.43	12.32		
15	64QAM	1	74	12.37	12.34	12.39		
15	64QAM	36	0	12.45	12.51	12.36	13.8	0
15	64QAM	36	20	12.44	12.53	12.34		
15	64QAM	36	39	12.39	12.29	12.28		
15	64QAM	75	0	12.34	12.41	12.40		
15	256QAM	1	0	12.40	12.47	12.49	13.8	0
15	256QAM	1	37	12.51	12.41	12.44		
15	256QAM	1	74	12.46	12.43	12.36		
15	256QAM	36	0	12.31	12.47	12.40	13.8	0
15	256QAM	36	20	12.36	12.48	12.41		
15	256QAM	36	39	12.43	12.37	12.36		
15	256QAM	75	0	12.34	12.47	12.36		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	12.50	12.59	12.57	13.8	0
10	QPSK	1	25	12.53	12.46	12.50		
10	QPSK	1	49	12.46	12.50	12.45		
10	QPSK	25	0	12.44	12.48	12.52	13.8	0
10	QPSK	25	12	12.50	12.54	12.43		
10	QPSK	25	25	12.55	12.43	12.47		
10	QPSK	50	0	12.46	12.46	12.53		
10	16QAM	1	0	12.51	12.44	12.49	13.8	0
10	16QAM	1	25	12.39	12.39	12.38		
10	16QAM	1	49	12.40	12.38	12.35		
10	16QAM	25	0	12.32	12.49	12.44	13.8	0
10	16QAM	25	12	12.43	12.51	12.40		
10	16QAM	25	25	12.41	12.46	12.37		
10	16QAM	50	0	12.36	12.39	12.34		
10	64QAM	1	0	12.51	12.50	12.43	13.8	0
10	64QAM	1	25	12.42	12.39	12.41		
10	64QAM	1	49	12.45	12.36	12.39		
10	64QAM	25	0	12.46	12.48	12.36	13.8	0
10	64QAM	25	12	12.41	12.55	12.31		
10	64QAM	25	25	12.34	12.27	12.32		
10	64QAM	50	0	12.43	12.42	12.36		
10	256QAM	1	0	12.45	12.47	12.48	13.8	0
10	256QAM	1	25	12.48	12.41	12.44		
10	256QAM	1	49	12.39	12.44	12.37		
10	256QAM	25	0	12.33	12.44	12.42	13.8	0
10	256QAM	25	12	12.33	12.48	12.31		
10	256QAM	25	25	12.44	12.37	12.45		
10	256QAM	50	0	12.41	12.49	12.41		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	12.58	12.59	12.52	13.8	0
5	QPSK	1	12	12.54	12.43	12.45		
5	QPSK	1	24	12.44	12.48	12.52		
5	QPSK	12	0	12.49	12.55	12.51	13.8	0
5	QPSK	12	7	12.51	12.56	12.47		
5	QPSK	12	13	12.51	12.39	12.42		
5	QPSK	25	0	12.42	12.56	12.53		
5	16QAM	1	0	12.52	12.44	12.50	13.8	0
5	16QAM	1	12	12.44	12.38	12.38		
5	16QAM	1	24	12.34	12.42	12.40		
5	16QAM	12	0	12.34	12.47	12.38	13.8	0
5	16QAM	12	7	12.39	12.43	12.40		
5	16QAM	12	13	12.34	12.44	12.34		
5	16QAM	25	0	12.33	12.44	12.32		
5	64QAM	1	0	12.54	12.52	12.38	13.8	0
5	64QAM	1	12	12.43	12.43	12.42		
5	64QAM	1	24	12.35	12.40	12.35		
5	64QAM	12	0	12.37	12.46	12.36	13.8	0
5	64QAM	12	7	12.49	12.54	12.28		
5	64QAM	12	13	12.37	12.33	12.29		
5	64QAM	25	0	12.45	12.41	12.31		
5	256QAM	1	0	12.43	12.47	12.45	13.8	0
5	256QAM	1	12	12.46	12.42	12.45		
5	256QAM	1	24	12.42	12.46	12.45		
5	256QAM	12	0	12.33	12.54	12.42	13.8	0
5	256QAM	12	7	12.34	12.41	12.41		
5	256QAM	12	13	12.39	12.42	12.40		
5	256QAM	25	0	12.46	12.41	12.42		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	12.57	12.59	12.55	13.8	0
3	QPSK	1	8	12.49	12.51	12.46		
3	QPSK	1	14	12.47	12.46	12.51		
3	QPSK	8	0	12.38	12.53	12.42	13.8	0
3	QPSK	8	4	12.46	12.58	12.39		
3	QPSK	8	7	12.45	12.49	12.42		
3	QPSK	15	0	12.43	12.54	12.50	13.8	0
3	16QAM	1	0	12.54	12.46	12.41		
3	16QAM	1	8	12.37	12.43	12.39		
3	16QAM	1	14	12.40	12.34	12.45		
3	16QAM	8	0	12.36	12.42	12.42	13.8	0
3	16QAM	8	4	12.43	12.46	12.33		
3	16QAM	8	7	12.33	12.48	12.32		
3	16QAM	15	0	12.37	12.37	12.41	13.8	0
3	64QAM	1	0	12.52	12.49	12.36		
3	64QAM	1	8	12.49	12.44	12.42		
3	64QAM	1	14	12.37	12.39	12.33		
3	64QAM	8	0	12.38	12.52	12.

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BW [MHz]	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	15.13	15.19	15.09	16.2	0
20	QPSK	1	49	15.04	15.14	14.97		
20	QPSK	1	99	14.99	15.02	15.08		
20	QPSK	50	0	15.09	15.13	14.97		
20	QPSK	50	24	15.09	15.09	14.97		
20	QPSK	50	50	15.04	14.96	14.94		
20	QPSK	100	0	14.98	15.11	15.02		
20	16QAM	1	0	15.13	15.02	15.03		
20	16QAM	1	49	14.95	15.04	14.91	16.2	0
20	16QAM	1	99	14.85	14.86	14.93		
20	16QAM	50	0	15.01	15.06	14.97		
20	16QAM	50	24	15.03	14.94	14.97	16.2	0
20	16QAM	50	50	14.98	14.98	14.84		
20	16QAM	100	0	14.88	15.01	14.97		
20	64QAM	1	0	15.04	15.07	15.03		
20	64QAM	1	49	14.95	14.91	14.87	16.2	0
20	64QAM	1	99	14.86	14.95	14.98		
20	64QAM	50	0	14.94	15.08	14.98		
20	64QAM	50	24	14.89	14.93	14.90	16.2	0
20	64QAM	50	50	14.91	14.92	14.91		
20	64QAM	100	0	14.86	14.98	14.89		
20	256QAM	1	0	15.03	15.02	14.89	16.2	0
20	256QAM	1	49	14.91	15.00	14.87		
20	256QAM	1	99	14.92	15.03	14.95		
20	256QAM	50	0	15.07	15.00	14.94	16.2	0
20	256QAM	50	24	15.10	14.93	14.99		
20	256QAM	50	50	15.01	14.94	14.87		
20	256QAM	100	0	14.90	14.98	14.92		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	15.05	15.12	15.03	16.2	0
15	QPSK	1	37	14.99	15.01	14.93		
15	QPSK	1	74	14.90	14.92	14.95		
15	QPSK	36	0	15.00	15.11	14.84		
15	QPSK	36	20	14.96	14.96	14.94	16.2	0
15	QPSK	36	39	14.92	14.83	14.92		
15	QPSK	75	0	14.93	14.97	14.92		
15	16QAM	1	0	15.06	14.93	14.95	16.2	0
15	16QAM	1	37	14.90	14.97	14.82		
15	16QAM	1	74	14.72	14.80	14.84		
15	16QAM	36	0	14.95	15.02	14.87	16.2	0
15	16QAM	36	20	14.90	14.83	14.93		
15	16QAM	36	39	14.88	14.91	14.75		
15	16QAM	75	0	14.75	14.92	14.83		
15	64QAM	1	0	14.92	15.05	14.89		
15	64QAM	1	37	14.92	14.79	14.74	16.2	0
15	64QAM	1	74	14.81	14.83	14.85		
15	64QAM	36	0	14.80	15.05	14.92	16.2	0
15	64QAM	36	20	14.82	14.90	14.86		
15	64QAM	36	39	14.88	14.80	14.81		
15	64QAM	75	0	14.83	14.96	14.81		
15	256QAM	1	0	14.99	14.91	14.81	16.2	0
15	256QAM	1	37	14.87	14.90	14.78		
15	256QAM	1	74	14.89	14.98	14.87		
15	256QAM	36	0	14.96	14.91	14.91	16.2	0
15	256QAM	36	20	15.06	14.80	14.91		
15	256QAM	36	39	14.94	14.80	14.77		
15	256QAM	75	0	14.81	14.92	14.83		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	14.99	15.15	15.02	16.2	0
10	QPSK	1	25	14.97	15.11	14.85		
10	QPSK	1	49	14.86	14.90	15.00		
10	QPSK	25	0	15.06	15.06	14.91		
10	QPSK	25	12	15.04	14.98	14.88	16.2	0
10	QPSK	25	25	15.02	14.83	14.84		
10	QPSK	50	0	14.85	15.00	14.90		
10	16QAM	1	0	15.04	14.94	14.98		
10	16QAM	1	25	14.90	15.00	14.78	16.2	0
10	16QAM	1	49	14.76	14.82	14.84		
10	16QAM	25	0	14.97	14.99	14.89	16.2	0
10	16QAM	25	12	14.92	14.90	14.90		
10	16QAM	25	25	14.89	14.88	14.72		
10	16QAM	50	0	14.80	14.95	14.93		
10	64QAM	1	0	15.00	14.96	14.93		
10	64QAM	1	25	14.90	14.79	14.73	16.2	0
10	64QAM	1	49	14.75	14.92	14.87		
10	64QAM	25	0	14.86	14.99	14.94	16.2	0
10	64QAM	25	12	14.86	14.85	14.79		
10	64QAM	25	25	14.83	14.88	14.80		
10	64QAM	50	0	14.82	14.92	14.83		
10	256QAM	1	0	14.95	14.92	14.78	16.2	0
10	256QAM	1	25	14.77	14.88	14.80		
10	256QAM	1	49	14.81	15.00	14.82		
10	256QAM	25	0	15.03	14.87	14.89	16.2	0
10	256QAM	25	12	15.05	14.80	14.96		
10	256QAM	25	25	14.93	14.90	14.78		
10	256QAM	50	0	14.84	14.94	14.81		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	15.07	15.07	15.05	16.2	0
5	QPSK	1	12	14.94	15.07	14.83		
5	QPSK	1	24	14.95	14.90	15.00		
5	QPSK	12	0	15.07	15.08	14.88		
5	QPSK	12	7	14.98	14.96	14.85	16.2	0
5	QPSK	12	13	14.95	14.94	14.89		
5	QPSK	25	0	14.87	15.07	14.89		
5	16QAM	1	0	15.04	14.94	14.90		
5	16QAM	1	12	14.82	14.97	14.80	16.2	0
5	16QAM	1	24	14.79	14.77	14.80		
5	16QAM	12	0	14.95	14.92	14.94	16.2	0
5	16QAM	12	7	14.99	14.81	14.88		
5	16QAM	12	13	14.92	14.84	14.71		
5	16QAM	25	0	14.76	14.96	14.95		
5	64QAM	1	0	14.96	15.01	14.98		
5	64QAM	1	12	14.90	14.89	14.83	16.2	0
5	64QAM	1	24	14.78	14.89	14.93		
5	64QAM	12	0	14.85	14.97	14.87	16.2	0
5	64QAM	12	7	14.82	14.84	14.88		
5	64QAM	12	13	14.86	14.88	14.88		
5	64QAM	25	0	14.76	14.85	14.85		
5	256QAM	1	0	14.95	14.89	14.79	16.2	0
5	256QAM	1	12	14.79	14.90	14.85		
5	256QAM	1	24	14.88	14.99	14.87		
5	256QAM	12	0	15.04	14.98	14.83	16.2	0
5	256QAM	12	7	15.00	14.87	14.85		
5	256QAM	12	13	14.98	14.91	14.77		
5	256QAM	25	0	14.76	14.92	14.87		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	15.18	15.20	15.23	15.15	15.19	16.2	0
20	QPSK	1	49	15.10	15.12	15.16	15.05	15.10		
20	QPSK	1	99	15.05	15.08	15.10	15.11	15.16		
20	QPSK	50	0	15.09	15.14	15.17	15.10	15.09		
20	QPSK	50	24	15.14	15.13	15.13	15.06	15.15		
20	QPSK	50	50	15.04	15.13	15.10	15.03	15.09		
20	QPSK	100	0	15.06	15.06	15.14	15.09	15.08		
20	16QAM	1	0	15.11	15.17	15.13	15.08	15.12		
20	16QAM	1	49	15.04	15.09	15.07	14.95	14.97	16.2	0
20	16QAM	1	99	14.96	14.95	14.99	14.98	15.03		
20	16QAM	50	0	14.99	15.05	15.09	15.02	15.01		
20	16QAM	50	24	15.12	15.07	15.04	15.01	15.09	16.2	0
20	16QAM	50	50	14.92	15.03	15.00	14.89	15.00		
20	16QAM	100	0	14.97	14.94	15.07	15.07	14.96		
20	64QAM	1	0	15.12	15.12	15.10	15.07	15.05		
20	64QAM	1	49	14.99	15.08	15.02	14.95	15.04	16.2	0
20	64QAM	1	99	14.98	14.97	15.08	15.09	15.03		
20	64QAM	50	0	15.01	15.06	15.10	15.01	15.05		
20	64QAM	50	24	15.09	15.03	15.04	14.94	15.07	16.2	0
20	64QAM	50	50	14.98	15.03	14.97	14.94	15.04		
20	64QAM	100	0	14.96	14.96	15.04	15.00	15.01		
20	256QAM	1	0	15.07	15.07	15.12	15.02	15.06		
20	256QAM	1	49	14.97	15.02	15.07	15.01	14.96	16.2	0
20	256QAM	1	99	14.94	14.97	15.07	15.06	15.05		
20	256QAM	50	0	15.00	15.12	15.11	15.03	15.04		
20	256QAM	50	24	15.08	15.12	14.98	15.04	15.06	16.2	0
20	256QAM	50	50	15.01	15.06	15.03	14.93	14.96		
20	256QAM	100	0	14.98	14.95	15.06	14.98	14.95		
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	15.15	15.07	15.11	15.12	15.10	16	0
15	QPSK	1	37	15.06	14.98	15.12	14.99	15.07		
15	QPSK	1	74	14.98	15.04	15.07	15.03	15.09		
15	QPSK	36	0	15.06	15.06	15.03	15.02	14.97	16.2	0
15	QPSK	36	20	15.02	15.05	15.09	14.93	15.11		
15	QPSK	36	39	15.01	15.03	15.07	15.01	15.02		
15	QPSK	75	0	14.99	14.98	15.05	15.04	15.04		
15	16QAM	1	0	15.08	15.06	15.10	14.99	15.10	16.2	0
15	16QAM	1	37	14.92	15.05	15.01	14.87	14.85		
15	16QAM	1	74	14.90	14.90	14.97	14.84	14.89		
15	16QAM	36	0	14.87	14.94	15.03	15.00	14.92	16.2	0
15	16QAM	36	20	15.00	15.02	14.94	14.95	15.03		
15	16QAM	36	39	14.79	14.99	14.90	14.86	14.95		
15	16QAM	75	0	14.91	14.89	15.02	15.00	14.89		
15	64QAM	1	0	14.98	15.03	14.97	14.93	14.97	16.2	0
15	64QAM	1	37	14.89	15.05	14.93	14.85	14.99		
15	64QAM	1	74	14.96	14.94	14.99	15.01	14.89		
15	64QAM	36	0	14.91	15.04	15.00	14.98	15.00	16.2	0
15	64QAM	36	20	14.97	14.92	14.97	14.92	15.03		
15	64QAM	36	39	14.91	14.96	14.86	14.91	14.91		
15	64QAM	75	0	14.91	14.84	14.96	14.97	14.95		
15	256QAM	1	0	15.03	15.03	15.07	14.93	15.00	16.2	0
15	256QAM	1	37	14.84	14.94	15.03	14.97	14.91		
15	256QAM	1	74	14.91	14.87	15.00	15.01	14.93		
15	256QAM	36	0	14.87	14.99	14.98	14.92	14.98	16.2	0
15	256QAM	36	20	15.04	15.10	14.95	15.01	14.97		
15	256QAM	36	39	14.90	15.01	14.95	14.81	14.89		
15	256QAM	75	0	14.84	14.82	14.95	14.93	14.91		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	15.04	15.15	15.12	15.07	15.08	16	0
10	QPSK	1	25	14.98	15.08	15.13	15.01	15.00		
10	QPSK	1	49	15.00	14.97	14.98	15.06	15.14		
10	QPSK	25	0	15.01	15.01	15.06	15.02	14.97	16.2	0
10	QPSK	25	12	15.12	15.09	15.00	14.98	15.02		
10	QPSK	25	25	14.98	15.05	14.98	14.91	14.96		
10	QPSK	50	0	15.03	15.02	15.12	15.06	15.05		
10	16QAM	1	0	15.01	15.13	15.02	15.01	14.99	16.2	0
10	16QAM	1	25	15.00	15.01	14.95	14.90	14.83		
10	16QAM	1	49	14.88	14.87	14.91	14.88	14.92		
10	16QAM	25	0	14.94	15.00	15.02	14.96	14.97	16.2	0
10	16QAM	25	12	15.08	15.03	14.95	14.90	14.97		
10	16QAM	25	25	14.90	14.93	14.98	14.87	14.96		
10	16QAM	50	0	14.93	14.86	15.03	14.98	14.85		
10	64QAM	1	0	15.10	15.10	15.01	14.93	14.98	16.2	0
10	64QAM	1	25	14.96	15.00	14.93	14.84	14.96		
10	64QAM	1	49	14.96	14.85	15.00	14.99	14.97		
10	64QAM	25	0	14.89	14.99	15.00	14.90	15.02	16.2	0
10	64QAM	25	12	15.04	14.92	14.94	14.87	14.95		
10	64QAM	25	25	14.87	15.00	14.88	14.84	14.99		
10	64QAM	50	0	14.90	14.87	14.92	14.95	14.91		
10	256QAM	1	0	15.05	15.00	15.10	14.99	15.01	16.2	0
10	256QAM	1	25	14.86	14.94	15.02	14.91	14.84		
10	256QAM	1	49	14.86	14.88	15.00	15.01	14.92		
10	256QAM	25	0	14.87	15.07	15.04	14.98	14.98	16.2	0
10	256QAM	25	12	14.99	15.03	14.93	14.97	15.00		
10	256QAM	25	25	14.91	14.94	14.93	14.85	14.84		
10	256QAM	50	0	14.88	14.82	15.03	14.93	14.91		
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	15.06	15.06	15.15	15.03	15.14	16	0
5	QPSK	1	12	15.07	15.06	15.06	14.91	14.98		
5	QPSK	1	24	14.99	14.95	15.06	15.04	15.08		
5	QPSK	12	0	14.99	15.02	15.06	15.02	14.99	16.2	0
5	QPSK	12	7	15.08	15.12	15.01	15.00	15.11		
5	QPSK	12	13	14.98	15.10	15.03	14.93	15.05		
5	QPSK	25	0	15.04	15.03	15.08	14.97	15.05		
5	16QAM	1	0	15.08	15.11	15.10	14.94	15.00	16.2	0
5	16QAM	1	12	14.94	15.07	14.94	14.93	14.89		
5	16QAM	1	24	14.91	14.86	14.89	14.93	14.95		
5	16QAM	12	0	14.86	14.93	15.01	14.99	14.98	16.2	0
5	16QAM	12	7	14.99	14.94	15.00	14.95	15.03		
5	16QAM	12	13	14.82	14.92	14.97	14.81	14.89		
5	16QAM	25	0	14.92	14.84	14.99	14.99	14.92		
5	64QAM	1	0	15.01	15.08	15.07	15.04	14.91	16.2	0
5	64QAM	1	12	14.93	15.05	14.91	14.88	14.91		
5	64QAM	1	24	14.89	14.90	15.00	15.00	14.90		
5	64QAM	12	0	14.94	14.98	14.97	14.92	14.98	16.2	0
5	64QAM	12	7	15.03	14.99	14.99	14.89	15.05		
5	64QAM	12	13	14.89	14.90	14.92	14.92	14.98		
5	64QAM	25	0	14.92	14.88	14.93	14.95	14.93		
5	256QAM	1	0	14.99	14.94	15.01	14.92	15.02	16.2	0
5	256QAM	1	12	14.98	14.97	14.97	14.88	14.92		
5	256QAM	1	24	14.84	14.85	14.99	14.94	15.00		
5	256QAM	12	0	14.94	15.04	15.06	14.97	14.92	16.2	0
5	256QAM	12	7	15.02	14.99	14.86	14.97	15.01		
5	256QAM	12	13	14.97	15.01	14.98	14.84	14.91		
5	256QAM	25	0	14.85	14.85	14.96	14.90	14.90		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.40	16.42	16.45	16.38	16.35	17.8	0
20	QPSK	1	49	16.32	16.28	16.34	16.33	16.25		
20	QPSK	1	99	16.31	16.35	16.32	16.35	16.23		
20	QPSK	50	0	16.37	16.33	16.38	16.33	16.33		
20	QPSK	50	24	16.35	16.37	16.32	16.24	16.23		
20	QPSK	50	50	16.37	16.37	16.36	16.31	16.31		
20	QPSK	100	0	16.27	16.34	16.37	16.25	16.26		
20	16QAM	1	0	16.32	16.36	16.34	16.24	16.27		
20	16QAM	1	49	16.24	16.16	16.27	16.31	16.17		
20	16QAM	1	99	16.20	16.31	16.21	16.22	16.12		
20	16QAM	50	0	16.28	16.24	16.36	16.30	16.25		
20	16QAM	50	24	16.30	16.31	16.28	16.20	16.10		
20	16QAM	50	50	16.28	16.31	16.27	16.26	16.24		
20	16QAM	100	0	16.15	16.30	16.31	16.19	16.24		
20	64QAM	1	0	16.35	16.33	16.33	16.31	16.31		
20	64QAM	1	49	16.28	16.23	16.30	16.22	16.22		
20	64QAM	1	99	16.19	16.23	16.25	16.24	16.19		
20	64QAM	50	0	16.30	16.23	16.35	16.23	16.29		
20	64QAM	50	24	16.25	16.26	16.23	16.14	16.16		
20	64QAM	50	50	16.30	16.33	16.34	16.25	16.29		
20	64QAM	100	0	16.16	16.22	16.33	16.11	16.20		
20	256QAM	1	0	16.29	16.40	16.35	16.26	16.30		
20	256QAM	1	49	16.27	16.21	16.30	16.21	16.18		
20	256QAM	1	99	16.21	16.33	16.24	16.25	16.19		
20	256QAM	50	0	16.35	16.24	16.30	16.29	16.28		
20	256QAM	50	24	16.22	16.35	16.23	16.21	16.20		
20	256QAM	50	50	16.33	16.29	16.26	16.18	16.27		
20	256QAM	100	0	16.21	16.21	16.28	16.20	16.15		
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	16.30	16.32	16.40	16.36	16.26	18	0
15	QPSK	1	37	16.27	16.22	16.29	16.20	16.21		
15	QPSK	1	74	16.19	16.23	16.23	16.32	16.15		
15	QPSK	36	0	16.34	16.20	16.25	16.26	16.27	17.8	0
15	QPSK	36	20	16.27	16.24	16.25	16.12	16.19		
15	QPSK	36	39	16.31	16.25	16.34	16.28	16.18		
15	QPSK	75	0	16.17	16.24	16.31	16.18	16.16		
15	16QAM	1	0	16.25	16.25	16.29	16.13	16.16	17.8	0
15	16QAM	1	37	16.15	16.07	16.23	16.18	16.06		
15	16QAM	1	74	16.17	16.19	16.12	16.14	16.03		
15	16QAM	36	0	16.18	16.20	16.23	16.19	16.17	17.8	0
15	16QAM	36	20	16.24	16.23	16.20	16.18	16.00		
15	16QAM	36	39	16.18	16.19	16.18	16.18	16.20		
15	16QAM	75	0	16.04	16.18	16.27	16.15	16.17		
15	64QAM	1	0	16.22	16.20	16.26	16.19	16.25	17.8	0
15	64QAM	1	37	16.23	16.16	16.19	16.15	16.13		
15	64QAM	1	74	16.07	16.10	16.16	16.13	16.15		
15	64QAM	36	0	16.16	16.12	16.28	16.12	16.16	17.8	0
15	64QAM	36	20	16.19	16.14	16.18	16.10	16.11		
15	64QAM	36	39	16.27	16.29	16.25	16.12	16.22		
15	64QAM	75	0	16.07	16.12	16.26	16.06	16.16		
15	256QAM	1	0	16.15	16.28	16.27	16.17	16.18	17.8	0
15	256QAM	1	37	16.16	16.07	16.23	16.16	16.14		
15	256QAM	1	74	16.19	16.25	16.10	16.23	16.06		
15	256QAM	36	0	16.27	16.13	16.16	16.17	16.20	17.8	0
15	256QAM	36	20	16.19	16.32	16.16	16.18	16.12		
15	256QAM	36	39	16.25	16.15	16.19	16.14	16.20		
15	256QAM	75	0	16.09	16.12	16.21	16.16	16.03		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.31	16.38	16.43	16.29	16.25	18	0
10	QPSK	1	25	16.23	16.22	16.32	16.20	16.14		
10	QPSK	1	49	16.23	16.23	16.19	16.27	16.17		
10	QPSK	25	0	16.25	16.22	16.31	16.20	16.29	17.8	0
10	QPSK	25	12	16.28	16.26	16.29	16.13	16.26		
10	QPSK	25	25	16.31	16.29	16.31	16.18	16.17		
10	QPSK	50	0	16.14	16.23	16.31	16.16	16.16		
10	16QAM	1	0	16.21	16.22	16.27	16.19	16.19	17.8	0
10	16QAM	1	25	16.22	16.08	16.21	16.28	16.12		
10	16QAM	1	49	16.08	16.19	16.17	16.20	16.03		
10	16QAM	25	0	16.19	16.19	16.25	16.26	16.21	17.8	0
10	16QAM	25	12	16.26	16.20	16.22	16.07	16.04		
10	16QAM	25	25	16.17	16.21	16.17	16.18	16.18		
10	16QAM	50	0	16.01	16.24	16.19	16.11	16.14		
10	64QAM	1	0	16.30	16.21	16.27	16.26	16.28	17.8	0
10	64QAM	1	25	16.23	16.19	16.26	16.18

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.39	18.41	18.38	19.5	0
20	QPSK	1	49	18.23	18.40	18.27		
20	QPSK	1	99	18.26	18.25	18.29		
20	QPSK	50	0	18.30	18.34	18.27		
20	QPSK	50	24	18.18	18.28	18.29	19.5	0
20	QPSK	50	50	18.27	18.24	18.33		
20	QPSK	100	0	18.21	18.32	18.23		
20	16QAM	1	0	18.25	18.37	18.23	19.5	0
20	16QAM	1	49	18.24	18.21	18.24		
20	16QAM	1	99	18.06	18.10	18.18		
20	16QAM	50	0	18.20	18.27	18.21	19.5	0
20	16QAM	50	24	18.10	18.27	18.23		
20	16QAM	50	50	18.19	18.21	18.24		
20	16QAM	100	0	18.20	18.27	18.16		
20	64QAM	1	0	18.17	18.23	18.31	19.5	0
20	64QAM	1	49	18.20	18.30	18.04		
20	64QAM	1	99	18.11	18.26	18.21		
20	64QAM	50	0	18.24	18.32	18.17	19.5	0
20	64QAM	50	24	18.24	18.23	18.20		
20	64QAM	50	50	18.22	18.19	18.28		
20	64QAM	100	0	18.09	18.19	18.18		
20	256QAM	1	0	17.72	17.89	17.88	19	0.5
20	256QAM	1	49	17.77	17.82	17.61		
20	256QAM	1	99	17.64	17.72	17.80		
20	256QAM	50	0	17.74	17.91	17.66	19	0.5
20	256QAM	50	24	17.67	17.74	17.87		
20	256QAM	50	50	17.82	17.76	17.80		
20	256QAM	100	0	17.70	17.73	17.71		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.25	18.31	18.26	19.5	0
15	QPSK	1	37	18.16	18.29	18.22		
15	QPSK	1	74	18.13	18.18	18.21		
15	QPSK	36	0	18.18	18.28	18.14	19.5	0
15	QPSK	36	20	18.15	18.16	18.19		
15	QPSK	36	39	18.23	18.19	18.29		
15	QPSK	75	0	18.10	18.22	18.15		
15	16QAM	1	0	18.20	18.25	18.12	19.5	0
15	16QAM	1	37	18.16	18.16	18.20		
15	16QAM	1	74	17.97	18.02	18.13		
15	16QAM	36	0	18.09	18.19	18.10	19.5	0
15	16QAM	36	20	18.01	18.17	18.14		
15	16QAM	36	39	18.12	18.14	18.12		
15	16QAM	75	0	18.10	18.13	18.12		
15	64QAM	1	0	18.12	18.10	18.20	19.5	0
15	64QAM	1	37	18.12	18.27	18.01		
15	64QAM	1	74	18.05	18.21	18.16		
15	64QAM	36	0	18.18	18.24	18.10	19.5	0
15	64QAM	36	20	18.15	18.16	18.07		
15	64QAM	36	39	18.10	18.15	18.26		
15	64QAM	75	0	18.00	18.11	18.05		
15	256QAM	1	0	17.64	17.82	17.78	19	0.5
15	256QAM	1	37	17.68	17.77	17.54		
15	256QAM	1	74	17.52	17.59	17.74		
15	256QAM	36	0	17.69	17.86	17.63	19	0.5
15	256QAM	36	20	17.56	17.67	17.75		
15	256QAM	36	39	17.72	17.66	17.72		
15	256QAM	75	0	17.63	17.66	17.68		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.28	18.37	18.34	19.5	0
10	QPSK	1	25	18.11	18.34	18.16		
10	QPSK	1	49	18.21	18.21	18.27		
10	QPSK	25	0	18.24	18.25	18.17	19.5	0
10	QPSK	25	12	18.14	18.22	18.21		
10	QPSK	25	25	18.22	18.11	18.27		
10	QPSK	50	0	18.15	18.18	18.15		
10	16QAM	1	0	18.20	18.33	18.18	19.5	0
10	16QAM	1	25	18.20	18.10	18.16		
10	16QAM	1	49	18.00	18.05	18.14		
10	16QAM	25	0	18.13	18.13	18.08	19.5	0
10	16QAM	25	12	18.00	18.24	18.15		
10	16QAM	25	25	18.14	18.08	18.11		
10	16QAM	50	0	18.18	18.16	18.05		
10	64QAM	1	0	18.04	18.21	18.17	19.5	0
10	64QAM	1	25	18.10	18.19	18.02		
10	64QAM	1	49	18.05	18.24	18.07		
10	64QAM	25	0	18.11	18.19	18.06	19.5	0
10	64QAM	25	12	18.17	18.18	18.15		
10	64QAM	25	25	18.19	18.06	18.20		
10	64QAM	50	0	18.05	18.15	18.04		
10	256QAM	1	0	17.68	17.84	17.76	19	0.5
10	256QAM	1	25	17.66	17.70	17.50		
10	256QAM	1	49	17.60	17.67	17.68		
10	256QAM	25	0	17.67	17.77	17.54	19	0.5
10	256QAM	25	12	17.55	17.62	17.84		
10	256QAM	25	25	17.75	17.73	17.70		
10	256QAM	50	0	17.58	17.64	17.65		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.35	18.33	18.31	19.5	0
5	QPSK	1	12	18.12	18.35	18.23		
5	QPSK	1	24	18.23	18.20	18.25		
5	QPSK	12	0	18.22	18.25	18.21	19.5	0
5	QPSK	12	7	18.11	18.23	18.23		
5	QPSK	12	13	18.23	18.18	18.26		
5	QPSK	25	0	18.18	18.24	18.09	19.5	0
5	16QAM	1	0	18.17	18.31	18.13		
5	16QAM	1	12	18.16	18.08	18.14		
5	16QAM	1	24	18.00	18.04	18.05		
5	16QAM	12	0	18.07	18.16	18.16	19.5	0
5	16QAM	12	7	17.99	18.17	18.15		
5	16QAM	12	13	18.16	18.17	18.17		
5	16QAM	25	0	18.06	18.18	18.12	19.5	0
5	64QAM	1	0	18.07	18.18	18.25		
5	64QAM	1	12	18.17	18.23	17.96		
5	64QAM	1	24	18.03	18.17	18.12		
5	64QAM	12	0	18.10	18.23	18.08	19.5	0
5	64QAM	12	7	18.18	18.19	18.08		
5	64QAM	12	13	18.15	18.12	18.17		
5	64QAM	25	0	17.97	18.14	18.14		
5	256QAM	1	0	17.64	17.79	17.76	19	0.5
5	256QAM	1	12	17.69	17.73	17.49		
5	256QAM	1	24	17.60	17.68	17.78		
5	256QAM	12	0	17.68	17.83	17.52	19	0.5
5	256QAM	12	7	17.58	17.70	17.80		
5	256QAM	12	13	17.71	17.73	17.77		
5	256QAM	25	0	17.64	17.66	17.61		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.35	18.34	18.27	19.5	0
3	QPSK	1	8	18.16	18.33	18.20		
3	QPSK	1	14	18.20	18.17	18.19		
3	QPSK	8	0	18.21	18.29	18.13	19.5	0
3	QPSK	8	4	18.07	18.16	18.21		
3	QPSK	8	7	18.19	18.13	18.20		
3	QPSK	15	0	18.10	18.19	18.11	19.5	0
3	16QAM	1	0	18.18	18.26	18.11		
3	16QAM	1	8	18.19	18.10	18.17		
3	16QAM	1	14	18.03	17.98	18.04		
3	16QAM	8	0	18.12	18.23	18.18	19.5	0
3	16QAM	8	4	18.04	18.20	18.19		
3	16QAM	8	7	18.11	18.12	18.13		
3	16QAM	15	0	18.16	18.22	18.05	19.5	0
3	64QAM	1	0	18.13	18.20	18.18		
3	64QAM	1	8	18.16	18.24	18.02		
3	64QAM	1	14	18.05	18.23	18.14		
3	64QAM	8	0	18.14	18.23	18.14	19.5	0
3	64QAM	8	4	18.17	18.14	18.06		
3	64QAM	8	7	18.17	18.13	18.25		
3	64QAM	15	0	18.02	18.08	18.12	19	0.5
3	256QAM	1	0	17.66	17.83	17.82		
3	256QAM	1	8	17.69	17.76	17.53		
3	256QAM	1	14	17.50	17.66	17.72		
3	256QAM	8	0	17.70	17.80	17.56	19	0.5
3	256QAM	8	4	17.62	17.82	17.77		
3	256QAM	8	7	17.78	17.68	17.71		
3	256QAM	15	0	17.61	17.63	17.62		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.28	18.38	18.26	19.5	0
1.4	QPSK	1	3	18.12	18.36	18.21		
1.4	QPSK	1	5	18.18	18.20	18.20		
1.4	QPSK	3	0	18.20	18.23	18.14		
1.4	QPSK	3	1	18.15	18.24	18.19		
1.4	QPSK	3	3	18.15	18.21	18.28		
1.4	QPSK	6	0	18.07	18.28	18.18	19.5	0
1.4	16QAM	1	0	18.22	18.32	18.19	19.5	0
1.4	16QAM	1	3	18.18	18.16	18.15		
1.4	16QAM	1	5	18.01	18.07	18.15		
1.4	16QAM	3	0	18.08	18.15	18.15		
1.4	16QAM	3	1	17.99	18.17	18.18		
1.4	16QAM	3	3	18.09	18.12	18.14		
1.4	16QAM	6	0	18.10	18.15	18.05	19.5	0
1.4	64QAM	1	0	18.14	18.15	18.21	19.5	0
1.4	64QAM	1	3	18.14	18.18	17.94		
1.4	64QAM	1	5	17.98	18.14	18.09		
1.4	64QAM	3	0	18.19	18.25	18.15		
1.4	64QAM	3	1	18.21	18.12	18.07		
1.4	64QAM	3	3	18.20	18.13	18.25		
1.4	64QAM	6	0	18.03	18.16	18.07	19.5	0
1.4	256QAM	1	0	17.67	17.86	17.77	19	0.5
1.4	256QAM	1	3	17.67	17.70	17.55		
1.4	256QAM	1	5	17.51	17.62	17.77		
1.4	256QAM	3	0	17.70	17.84	17.58		
1.4	256QAM	3	1	17.55	17.63	17.74		
1.4	256QAM	3	3	17.74	17.73	17.78		
1.4	256QAM	6	0	17.61	17.71	17.62	19	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.74	19.81	19.78	21.2	0
20	QPSK	1	49	19.69	19.70	19.62		
20	QPSK	1	99	19.54	19.72	19.70		
20	QPSK	50	0	19.62	19.78	19.72		
20	QPSK	50	24	19.65	19.67	19.66	21.2	0
20	QPSK	50	50	19.64	19.72	19.72		
20	QPSK	100	0	19.58	19.73	19.64		
20	16QAM	1	0	19.57	19.62	19.60	21.2	0
20	16QAM	1	49	19.58	19.68	19.52		
20	16QAM	1	99	19.63	19.67	19.63		
20	16QAM	50	0	19.54	19.72	19.68	21.2	0
20	16QAM	50	24	19.59	19.72	19.59		
20	16QAM	50	50	19.54	19.64	19.67		
20	16QAM	100	0	19.56	19.68	19.62		
20	64QAM	1	0	19.64	19.68	19.63	21.2	0
20	64QAM	1	49	19.58	19.68	19.50		
20	64QAM	1	99	19.66	19.64	19.63		
20	64QAM	50	0	19.44	19.55	19.37	21	0.2
20	64QAM	50	24	19.41	19.43	19.28		
20	64QAM	50	50	19.43	19.52	19.42		
20	64QAM	100	0	19.38	19.44	19.44		
20	256QAM	1	0	17.47	17.53	17.50	19	2.2
20	256QAM	1	49	17.40	17.53	17.37		
20	256QAM	1	99	17.40	17.49	17.54		
20	256QAM	50	0	17.31	17.48	17.49	19	2.2
20	256QAM	50	24	17.43	17.43	17.47		
20	256QAM	50	50	17.52	17.49	17.46		
20	256QAM	100	0	17.40	17.46	17.42		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.65	19.69	19.72	21.2	0
15	QPSK	1	37	19.56	19.64	19.54		
15	QPSK	1	74	19.64	19.63	19.61		
15	QPSK	36	0	19.50	19.74	19.66	21.2	0
15	QPSK	36	20	19.56	19.63	19.63		
15	QPSK	36	39	19.53	19.67	19.63		
15	QPSK	75	0	19.55	19.60	19.56		
15	16QAM	1	0	19.46	19.55	19.57	21.2	0
15	16QAM	1	37	19.53	19.54	19.46		
15	16QAM	1	74	19.58	19.54	19.55		
15	16QAM	36	0	19.47	19.65	19.58	21.2	0
15	16QAM	36	20	19.56	19.70	19.53		
15	16QAM	36	39	19.48	19.53	19.56		
15	16QAM	75	0	19.53	19.65	19.53		
15	64QAM	1	0	19.61	19.58	19.55	21.2	0
15	64QAM	1	37	19.47	19.56	19.37		
15	64QAM	1	74	19.53	19.50	19.57		
15	64QAM	36	0	19.40	19.42	19.34	21	0.2
15	64QAM	36	20	19.35	19.29	19.24		
15	64QAM	36	39	19.32	19.47	19.29		
15	64QAM	75	0	19.25	19.40	19.36		
15	256QAM	1	0	17.36	17.44	17.37	19	2.2
15	256QAM	1	37	17.35	17.50	17.26		
15	256QAM	1	74	17.32	17.41	17.47		
15	256QAM	36	0	17.24	17.39	17.35	19	2.2
15	256QAM	36	20	17.36	17.34	17.38		
15	256QAM	36	39	17.45	17.39	17.38		
15	256QAM	75	0	17.28	17.44	17.33		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.62	19.78	19.70	21.2	0
10	QPSK	1	25	19.61	19.58	19.51		
10	QPSK	1	49	19.63	19.59	19.66		
10	QPSK	25	0	19.59	19.67	19.62	21.2	0
10	QPSK	25	12	19.62	19.64	19.58		
10	QPSK	25	25	19.56	19.60	19.67		
10	QPSK	50	0	19.55	19.69	19.56		
10	16QAM	1	0	19.48	19.56	19.49	21.2	0
10	16QAM	1	25	19.51	19.54	19.46		
10	16QAM	1	49	19.59	19.55	19.52		
10	16QAM	25	0	19.43	19.69	19.65	21.2	0
10	16QAM	25	12	19.53	19.61	19.56		
10	16QAM	25	25	19.44	19.61	19.55		
10	16QAM	50	0	19.47	19.59	19.54		
10	64QAM	1	0	19.51	19.59	19.56	21.2	0
10	64QAM	1	25	19.50	19.62	19.42		
10	64QAM	1	49	19.63	19.55	19.59		
10	64QAM	25	0	19.32	19.46	19.27	21	0.2
10	64QAM	25	12	19.38	19.34	19.21		
10	64QAM	25	25	19.40	19.45	19.29		
10	64QAM	50	0	19.33	19.30	19.42		
10	256QAM	1	0	17.42	17.45	17.40	19	2.2
10	256QAM	1	25	17.29	17.43	17.33		
10	256QAM	1	49	17.32	17.36	17.47		
10	256QAM	25	0	17.20	17.41	17.37	19	2.2
10	256QAM	25	12	17.30	17.33	17.44		
10	256QAM	25	25	17.47	17.36	17.42		
10	256QAM	50	0	17.33	17.36	17.36		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.68	19.74	19.76	21.2	0
5	QPSK	1	12	19.62	19.66	19.57		
5	QPSK	1	24	19.67	19.57	19.66		
5	QPSK	12	0	19.52	19.66	19.66	21.2	0
5	QPSK	12	7	19.62	19.56	19.54		
5	QPSK	12	13	19.51	19.58	19.59		
5	QPSK	25	0	19.60	19.64	19.61	21.2	0
5	16QAM	1	0	19.44	19.60	19.49		
5	16QAM	1	12	19.49	19.55	19.44		
5	16QAM	1	24	19.56	19.53	19.56		
5	16QAM	12	0	19.41	19.67	19.57	21.2	0
5	16QAM	12	7	19.47	19.68	19.48		
5	16QAM	12	13	19.47	19.51	19.56		
5	16QAM	25	0	19.46	19.56	19.54	21.2	0
5	64QAM	1	0	19.51	19.65	19.59		
5	64QAM	1	12	19.55	19.55	19.42		
5	64QAM	1	24	19.56	19.54	19.58		
5	64QAM	12	0	19.40	19.47	19.29	21	0.2
5	64QAM	12	7	19.33	19.31	19.21		
5	64QAM	12	13	19.36	19.44	19.38		
5	64QAM	25	0	19.25	19.41	19.37		
5	256QAM	1	0	17.42	17.46	17.40	19	2.2
5	256QAM	1	12	17.28	17.45	17.32		
5	256QAM	1	24	17.31	17.45	17.45		
5	256QAM	12	0	17.22	17.42	17.35	19	2.2
5	256QAM	12	7	17.40	17.37	17.41		
5	256QAM	12	13	17.44	17.40	17.42		
5	256QAM	25	0	17.36	17.41	17.40		
Channel				19950	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.64	19.67	19.70	21.2	0
3	QPSK	1	8	19.61	19.60	19.52		
3	QPSK	1	14	19.62	19.56	19.57		
3	QPSK	8	0	19.50	19.67	19.63	21.2	0
3	QPSK	8	4	19.56	19.64	19.55		
3	QPSK	8	7	19.61	19.62	19.68		
3	QPSK	15	0	19.65	19.61	19.57	21.2	0
3	16QAM	1	0	19.48	19.57	19.49		
3	16QAM	1	8	19.55	19.65	19.40		
3	16QAM	1	14	19.52	19.54	19.58		
3	16QAM	8	0	19.49	19.59	19.59	21.2	0
3	16QAM	8	4	19.48	19.69	19.47		
3	16QAM	8	7	19.40	19.60	19.56		
3	16QAM	15	0	19.43	19.62	19.58	21.2	0
3	64QAM	1	0	19.58	19.56	19.53		
3	64QAM	1	8	19.46	19.58	19.46		
3	64QAM	1	14	19.63	19.61	19.52		
3	64QAM	8	0	19.32	19.52	19.25	21	0.2
3	64QAM	8	4	19.36	19.33	19.18		
3	64QAM	8	7	19.40	19.50	19.33		
3	64QAM	15	0	19.26	19.39	19.36		
3	256QAM	1	0	17.43	17.39	17.45	19	2.2
3	256QAM	1	8	17.35	17.39	17.25		
3	256QAM	1	14	17.28	17.37	17.52		
3	256QAM	8	0	17.21	17.39	17.42	19	2.2
3	256QAM	8	4	17.33	17.40	17.42		
3	256QAM	8	7	17.45	17.36	17.38		
3	256QAM	15	0	17.30	17.34	17.29		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.66	19.72	19.66	21.2	0
1.4	QPSK	1	3	19.56	19.57	19.56		
1.4	QPSK	1	5	19.58	19.57	19.59		
1.4	QPSK	3	0	19.48	19.75	19.66		
1.4	QPSK	3	1	19.63	19.58	19.62		
1.4	QPSK	3	3	19.59	19.66	19.67		
1.4	QPSK	6	0	19.62	19.70	19.56	21.2	0
1.4	16QAM	1	0	19.49	19.56	19.47	21.2	0
1.4	16QAM	1	3	19.48	19.56	19.46		
1.4	16QAM	1	5	19.56	19.54	19.58		
1.4	16QAM	3	0	19.46	19.64	19.55		
1.4	16QAM	3	1	19.49	19.65	19.54		
1.4	16QAM	3	3	19.47	19.57	19.64		
1.4	16QAM	6	0	19.53	19.61	19.57	21.2	0
1.4	64QAM	1	0	19.55	19.61	19.55	21.2	0
1.4	64QAM	1	3	19.45	19.59	19.38		
1.4	64QAM	1	5	19.53	19.56	19.60		
1.4	64QAM	3	0	19.41	19.51	19.31		
1.4	64QAM	3	1	19.28	19.36	19.26		
1.4	64QAM	3	3	19.41	19.40	19.32		
1.4	64QAM	6	0	19.31	19.35	19.31	21	0.2
1.4	256QAM	1	0	17.39	17.47	17.36	19	2.2
1.4	256QAM	1	3	17.34	17.44	17.33		
1.4	256QAM	1	5	17.38	17.43	17.50		
1.4	256QAM	3	0	17.26	17.36	17.36		
1.4	256QAM	3	1	17.40	17.36	17.36		
1.4	256QAM	3	3	17.48	17.37	17.41		
1.4	256QAM	6	0	17.37	17.33	17.35	19	2.2

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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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.82	15.88	15.84	16.8	0
20	QPSK	1	49	15.80	15.85	15.75		
20	QPSK	1	99	15.79	15.79	15.80		
20	QPSK	50	0	15.69	15.83	15.75		
20	QPSK	50	24	15.74	15.81	15.82	16.8	0
20	QPSK	50	50	15.79	15.77	15.81		
20	QPSK	100	0	15.70	15.82	15.78		
20	16QAM	1	0	15.73	15.78	15.76	16.8	0
20	16QAM	1	49	15.78	15.81	15.64		
20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26599		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.44	18.48	18.43	19.5	0
20	QPSK	1	49	18.36	18.43	18.30		
20	QPSK	1	99	18.30	18.35	18.41		
20	QPSK	50	0	18.37	18.45	18.33		
20	QPSK	50	24	18.30	18.36	18.40		
20	QPSK	50	50	18.40	18.36	18.41		
20	QPSK	100	0	18.31	18.41	18.30		
20	16QAM	1	0	18.35	18.40	18.32		
20	16QAM	1	49	18.31	18.30	18.27	19.5	0
20	16QAM	1	99	18.16	18.22	18.29		
20	16QAM	50	0	18.34	18.39	18.29		
20	16QAM	50	24	18.16	18.33	18.37	19.5	0
20	16QAM	50	50	18.26	18.28	18.37		
20	16QAM	100	0	18.23	18.37	18.20		
20	64QAM	1	0	18.30	18.36	18.33		
20	64QAM	1	49	18.26	18.36	18.17	19.5	0
20	64QAM	1	99	18.19	18.28	18.32		
20	64QAM	50	0	18.30	18.42	18.20		
20	64QAM	50	24	18.28	18.33	18.29	19.5	0
20	64QAM	50	50	18.33	18.25	18.38		
20	64QAM	100	0	18.23	18.30	18.27		
20	256QAM	1	0	17.84	17.93	17.91		
20	256QAM	1	49	17.86	17.93	17.70	19	0.5
20	256QAM	1	99	17.72	17.75	17.91		
20	256QAM	50	0	17.87	17.95	17.72		
20	256QAM	50	24	17.79	17.84	17.91	19	0.5
20	256QAM	50	50	17.85	17.83	17.84		
20	256QAM	100	0	17.73	17.81	17.75		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.33	18.45	18.40	19.5	0
15	QPSK	1	37	18.31	18.33	18.21		
15	QPSK	1	74	18.23	18.21	18.34		
15	QPSK	36	0	18.23	18.37	18.24		
15	QPSK	36	20	18.26	18.30	18.37	19.5	0
15	QPSK	36	39	18.26	18.30	18.30		
15	QPSK	75	0	18.24	18.37	18.22		
15	16QAM	1	0	18.25	18.32	18.29		
15	16QAM	1	37	18.19	18.22	18.16	19.5	0
15	16QAM	1	74	18.05	18.19	18.21		
15	16QAM	36	0	18.28	18.31	18.21		
15	16QAM	36	20	18.13	18.21	18.31	19.5	0
15	16QAM	36	39	18.20	18.24	18.32		
15	16QAM	75	0	18.15	18.30	18.15		
15	64QAM	1	0	18.28	18.25	18.30		
15	64QAM	1	37	18.14	18.29	18.11	19.5	0
15	64QAM	1	74	18.13	18.17	18.27		
15	64QAM	36	0	18.25	18.35	18.11		
15	64QAM	36	20	18.14	18.29	18.22	19.5	0
15	64QAM	36	39	18.25	18.20	18.25		
15	64QAM	75	0	18.10	18.20	18.18		
15	256QAM	1	0	17.74	17.82	17.85		
15	256QAM	1	37	17.80	17.89	17.57	19	0.5
15	256QAM	1	74	17.69	17.69	17.79		
15	256QAM	36	0	17.81	17.81	17.70		
15	256QAM	36	20	17.68	17.75	17.86	19	0.5
15	256QAM	36	39	17.76	17.80	17.77		
15	256QAM	75	0	17.65	17.75	17.65		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.33	18.38	18.35	19.5	0
10	QPSK	1	25	18.25	18.29	18.22		
10	QPSK	1	49	18.23	18.21	18.36		
10	QPSK	25	0	18.33	18.40	18.28		
10	QPSK	25	12	18.28	18.31	18.28	19.5	0
10	QPSK	25	25	18.29	18.25	18.32		
10	QPSK	50	0	18.20	18.31	18.26		
10	16QAM	1	0	18.21	18.29	18.26		
10	16QAM	1	25	18.27	18.17	18.19	19.5	0
10	16QAM	1	49	18.11	18.08	18.16		
10	16QAM	25	0	18.25	18.29	18.24		
10	16QAM	25	12	18.10	18.23	18.33	19.5	0
10	16QAM	25	25	18.14	18.17	18.31		
10	16QAM	50	0	18.15	18.31	18.17		
10	64QAM	1	0	18.25	18.30	18.28		
10	64QAM	1	25	18.15	18.31	18.08	19.5	0
10	64QAM	1	49	18.14	18.16	18.20		
10	64QAM	25	0	18.20	18.33	18.17		
10	64QAM	25	12	18.19	18.27	18.19	19.5	0
10	64QAM	25	25	18.30	18.19	18.28		
10	64QAM	50	0	18.11	18.17	18.19		
10	256QAM	1	0	17.71	17.84	17.78		
10	256QAM	1	25	17.75	17.86	17.58	19	0.5
10	256QAM	1	49	17.59	17.72	17.81		
10	256QAM	25	0	17.82	17.87	17.66		
10	256QAM	25	12	17.74	17.71	17.78	19	0.5
10	256QAM	25	25	17.78	17.80	17.70		
10	256QAM	50	0	17.68	17.74	17.68		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.34	18.42	18.39	19.5	0
5	QPSK	1	12	18.27	18.38	18.21		
5	QPSK	1	24	18.21	18.24	18.31		
5	QPSK	12	0	18.31	18.40	18.26	19.5	0
5	QPSK	12	7	18.21	18.22	18.37		
5	QPSK	12	13	18.28	18.24	18.31		
5	QPSK	25	0	18.28	18.28	18.18		
5	16QAM	1	0	18.28	18.35	18.26	19.5	0
5	16QAM	1	12	18.23	18.24	18.23		
5	16QAM	1	24	18.05	18.17	18.15		
5	16QAM	12	0	18.21	18.36	18.22	19.5	0
5	16QAM	12	7	18.11	18.20	18.29		
5	16QAM	12	13	18.22	18.24	18.27		
5	16QAM	25	0	18.18	18.32	18.09		
5	64QAM	1	0	18.21	18.30	18.21	19.5	0
5	64QAM	1	12	18.16	18.34	18.12		
5	64QAM	1	24	18.10	18.23	18.19		
5	64QAM	12	0	18.19	18.37	18.10	19.5	0
5	64QAM	12	7	18.16	18.27	18.16		
5	64QAM	12	13	18.20	18.19	18.28		
5	64QAM	25	0	18.11	18.20	18.21		
5	256QAM	1	0	17.79	17.91	17.84		
5	256QAM	1	12	17.81	17.83	17.57	19	0.5
5	256QAM	1	24	17.63	17.72	17.84		
5	256QAM	12	0	17.83	17.86	17.67		
5	256QAM	12	7	17.73	17.74	17.81	19	0.5
5	256QAM	12	13	17.78	17.75	17.72		
5	256QAM	25	0	17.61	17.79	17.66		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.39	18.45	18.37	19.5	0
3	QPSK	1	8	18.31	18.40	18.17		
3	QPSK	1	14	18.18	18.25	18.28		
3	QPSK	8	0	18.28	18.42	18.30	19.5	0
3	QPSK	8	4	18.17	18.29	18.35		
3	QPSK	8	7	18.27	18.25	18.29		
3	QPSK	15	0	18.25	18.31	18.21		
3	16QAM	1	0	18.23	18.26	18.25	19.5	0
3	16QAM	1	8	18.27	18.17	18.21		
3	16QAM	1	14	18.14	18.16	18.25		
3	16QAM	8	0	18.22	18.34	18.21	19.5	0
3	16QAM	8	4	18.13	18.30	18.25		
3	16QAM	8	7	18.13	18.20	18.32		
3	16QAM	15	0	18.16	18.32	18.16		
3	64QAM	1	0	18.28	18.26	18.30	19.5	0
3	64QAM	1	8	18.19	18.28	18.06		
3	64QAM	1	14	18.07	18.22	18.27		
3	64QAM	8	0	18.18	18.33	18.12	19.5	0
3	64QAM	8	4	18.25	18.22	18.23		
3	64QAM	8	7	18.30	18.15	18.25		
3	64QAM	15	0	18.11	18.27	18.13		
3	256QAM	1	0	17.76	17.88	17.77	19	0.5
3	256QAM	1	8	17.76	17.86	17.66		
3	256QAM	1	14	17.64	17.61	17.88		
3	256QAM	8	0	17.79	17.84	17.68	19	0.5
3	256QAM	8	4	17.74	17.79	17.86		
3	256QAM	8	7	17.81	17.76	17.73		
3	256QAM	15	0	17.65	17.79	17.68		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.32	18.34	18.35	19.5	0
1.4	QPSK	1	3	18.25	18.32	18.26		
1.4	QPSK	1	5	18.24	18.26	18.30		
1.4	QPSK	3	0	18.26	18.36	18.23		
1.4	QPSK	3	1	18.16	18.27	18.33		
1.4	QPSK	3	3	18.28	18.31	18.30		
1.4	QPSK	6	0	18.17	18.32	18.27	19.5	0
1.4	16QAM	1	0	18.24	18.33	18.26	19.5	0
1.4	16QAM	1	3	18.18	18.21	18.17		
1.4	16QAM	1	5	18.09	18.15	18.21		
1.4	16QAM	3	0	18.28	18.30	18.20		
1.4	16QAM	3	1	18.03	18.21	18.25		
1.4	16QAM	3	3	18.18	18.21	18.25		
1.4	16QAM	6	0	18.10	18.26	18.15	19.5	0
1.4	64QAM	1	0	18.28	18.24	18.29	19.5	0
1.4	64QAM	1	3	18.24	18.33	18.08		
1.4	64QAM	1	5	18.11	18.24	18.29		
1.4	64QAM	3	0	18.22	18.32	18.18		
1.4	64QAM	3	1	18.15	18.30	18.16		
1.4	64QAM	3	3	18.30	18.21	18.33		
1.4	64QAM	6	0	18.15	18.17	18.16	19.5	0
1.4	256QAM	1	0	17.80	17.85	17.84	19	0.5
1.4	256QAM	1	3	17.78	17.83	17.66		
1.4	256QAM	1	5	17.66	17.70	17.79		
1.4	256QAM	3	0	17.76	17.87	17.59		
1.4	256QAM	3	1	17.70	17.71	17.82		
1.4	256QAM	3	3	17.77	17.73	17.75		
1.4	256QAM	6	0	17.59	17.73	17.63	19	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		16.53		17.9	0
10	QPSK	1	25		16.48			
10	QPSK	1	49		16.45			
10	QPSK	25	0		16.49			
10	QPSK	25	12		16.41		17.9	0
10	QPSK	25	25		16.41			
10	QPSK	50	0		16.44			
10	16QAM	1	0		16.41			
10	16QAM	1	25		16.37		17.9	0
10	16QAM	1	49		16.39			
10	16QAM	25	0		16.41			
10	16QAM	25	12		16.38		17.9	0
10	16QAM	25	25		16.30			
10	16QAM	50	0		16.35			
10	64QAM	1	0		16.42			
10	64QAM	1	25		16.38		17.9	0
10	64QAM	1	49		16.34			
10	64QAM	25	0		16.36			
10	64QAM	25	12		16.31		17.9	0
10	64QAM	25	25		16.31			
10	64QAM	50	0		16.37			
10	256QAM	1	0		16.40			
10	256QAM	1	25		16.45		17.9	0
10	256QAM	1	49		16.32			
10	256QAM	25	0		16.35			
10	256QAM	25	12		16.35		17.9	0
10	256QAM	25	25		16.27			
10	256QAM	50	0		16.41			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	16.40	16.49	16.46	17.9	0
5	QPSK	1	12	16.40	16.43	16.43		
5	QPSK	1	24	16.42	16.34	16.39		
5	QPSK	12	0	16.35	16.38	16.36	17.9	0
5	QPSK	12	7	16.38	16.34	16.29		
5	QPSK	12	13	16.38	16.34	16.32		
5	QPSK	25	0	16.31	16.36	16.33		
5	16QAM	1	0	16.35	16.27	16.28	17.9	0
5	16QAM	1	12	16.35	16.29	16.32		
5	16QAM	1	24	16.32	16.25	16.36		
5	16QAM	12	0	16.36	16.34	16.33	17.9	0
5	16QAM	12	7	16.28	16.32	16.31		
5	16QAM	12	13	16.25	16.25	16.24		
5	16QAM	25	0	16.24	16.25	16.23		
5	64QAM	1	0	16.39	16.28	16.34	17.9	0
5	64QAM	1	12	16.33	16.33	16.25		
5	64QAM	1	24	16.30	16.28	16.23		
5	64QAM	12	0	16.32	16.26	16.25	17.9	0
5	64QAM	12	7	16.21	16.18	16.23		
5	64QAM	12	13	16.26	16.23	16.23		
5	64QAM	25	0	16.29	16.30	16.35		
5	256QAM	1	0	16.35	16.28	16.30	17.9	0
5	256QAM	1	12	16.36	16.40	16.33		
5	256QAM	1	24	16.22	16.19	16.20		
5	256QAM	12	0	16.22	16.27	16.29	17.9	0
5	256QAM	12	7	16.31	16.33	16.28		
5	256QAM	12	13	16.13	16.13	16.17		
5	256QAM	25	0	16.34	16.30	16.33		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.78	19.85	19.81	21.2	0
20	QPSK	1	49	19.73	19.81	19.69		
20	QPSK	1	99	19.73	19.81	19.77		
20	QPSK	50	0	19.66	19.80	19.77		
20	QPSK	50	24	19.73	19.78	19.75		
20	QPSK	50	50	19.75	19.79	19.77		
20	QPSK	100	0	19.71	19.76	19.74		
20	16QAM	1	0	19.70	19.73	19.72		
20	16QAM	1	49	19.63	19.78	19.61	21.2	0
20	16QAM	1	99	19.68	19.77	19.66		
20	16QAM	50	0	19.57	19.78	19.71		
20	16QAM	50	24	19.65	19.75	19.71	21.2	0
20	16QAM	50	50	19.66	19.77	19.72		
20	16QAM	100	0	19.69	19.71	19.68		
20	64QAM	1	0	19.75	19.74	19.76		
20	64QAM	1	49	19.69	19.78	19.58	21.2	0
20	64QAM	1	99	19.71	19.73	19.66		
20	64QAM	50	0	19.58	19.61	19.50		
20	64QAM	50	24	19.49	19.56	19.40	21	0.2
20	64QAM	50	50	19.48	19.62	19.54		
20	64QAM	100	0	19.40	19.50	19.53		
20	256QAM	1	0	17.56	17.61	17.61		
20	256QAM	1	49	17.53	17.63	17.47	19	2.2
20	256QAM	1	99	17.49	17.59	17.57		
20	256QAM	50	0	17.43	17.56	17.60		
20	256QAM	50	24	17.56	17.56	17.52	19	2.2
20	256QAM	50	50	17.59	17.56	17.52		
20	256QAM	100	0	17.52	17.58	17.54		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.68	19.81	19.77	21.2	0
15	QPSK	1	37	19.64	19.69	19.66		
15	QPSK	1	74	19.71	19.75	19.74		
15	QPSK	36	0	19.52	19.76	19.68		
15	QPSK	36	20	19.60	19.75	19.70	21.2	0
15	QPSK	36	39	19.63	19.67	19.73		
15	QPSK	75	0	19.66	19.70	19.70		
15	16QAM	1	0	19.60	19.68	19.68		
15	16QAM	1	37	19.50	19.68	19.52	21.2	0
15	16QAM	1	74	19.60	19.66	19.63		
15	16QAM	36	0	19.47	19.72	19.61		
15	16QAM	36	20	19.61	19.64	19.61	21.2	0
15	16QAM	36	39	19.63	19.74	19.62		
15	16QAM	75	0	19.52	19.65	19.60		
15	64QAM	1	0	19.62	19.67	19.67		
15	64QAM	1	37	19.63	19.75	19.47	21.2	0
15	64QAM	1	74	19.68	19.61	19.63		
15	64QAM	36	0	19.52	19.48	19.46		
15	64QAM	36	20	19.42	19.35	19.35	21	0.2
15	64QAM	36	39	19.46	19.57	19.50		
15	64QAM	75	0	19.26	19.46	19.39		
15	256QAM	1	0	17.46	17.57	17.57		
15	256QAM	1	37	17.45	17.56	17.36	19	2.2
15	256QAM	1	74	17.37	17.52	17.50		
15	256QAM	36	0	17.37	17.51	17.52		
15	256QAM	36	20	17.53	17.45	17.40	19	2.2
15	256QAM	36	39	17.47	17.53	17.41		
15	256QAM	75	0	17.42	17.49	17.42		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.70	19.82	19.71	21.2	0
10	QPSK	1	25	19.63	19.69	19.66		
10	QPSK	1	49	19.62	19.74	19.67		
10	QPSK	25	0	19.62	19.76	19.64		
10	QPSK	25	12	19.66	19.73	19.68	21.2	0
10	QPSK	25	25	19.66	19.71	19.66		
10	QPSK	50	0	19.59	19.65	19.68		
10	16QAM	1	0	19.59	19.68	19.61		
10	16QAM	1	25	19.53	19.74	19.54	21.2	0
10	16QAM	1	49	19.56	19.70	19.64		
10	16QAM	25	0	19.55	19.71	19.59		
10	16QAM	25	12	19.62	19.64	19.61	21.2	0
10	16QAM	25	25	19.59	19.75	19.61		
10	16QAM	50	0	19.55	19.68	19.59		
10	64QAM	1	0	19.73	19.65	19.63		
10	64QAM	1	25	19.64	19.74	19.45	21.2	0
10	64QAM	1	49	19.58	19.65	19.64		
10	64QAM	25	0	19.44	19.51	19.37		
10	64QAM	25	12	19.46	19.51	19.30	21	0.2
10	64QAM	25	25	19.42	19.56	19.43		
10	64QAM	50	0	19.27	19.38	19.41		
10	256QAM	1	0	17.45	17.51	17.49		
10	256QAM	1	25	17.51	17.51	17.34	19	2.2
10	256QAM	1	49	17.39	17.55	17.52		
10	256QAM	25	0	17.31	17.53	17.48		
10	256QAM	25	12	17.44	17.53	17.39	19	2.2
10	256QAM	25	25	17.57	17.54	17.39		
10	256QAM	50	0	17.46	17.50	17.45		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.69	19.74	19.74	21.2	0
5	QPSK	1	12	19.60	19.70	19.57		
5	QPSK	1	24	19.71	19.68	19.68		
5	QPSK	12	0	19.53	19.70	19.73	21.2	0
5	QPSK	12	7	19.62	19.73	19.65		
5	QPSK	12	13	19.66	19.69	19.72		
5	QPSK	25	0	19.59	19.63	19.69		
5	16QAM	1	0	19.60	19.61	19.62		
5	16QAM	1	12	19.54	19.69	19.52	21.2	0
5	16QAM	1	24	19.61	19.67	19.59		
5	16QAM	12	0	19.44	19.67	19.66	21.2	0
5	16QAM	12	7	19.61	19.62	19.66		
5	16QAM	12	13	19.55	19.65	19.59		
5	16QAM	25	0	19.48	19.65	19.61		
5	64QAM	1	0	19.71	19.67	19.69	21.2	0
5	64QAM	1	12	19.63	19.73	19.45		
5	64QAM	1	24	19.60	19.70	19.60		
5	64QAM	12	0	19.49	19.49	19.39	21	0.2
5	64QAM	12	7	19.40	19.43	19.33		
5	64QAM	12	13	19.39	19.51	19.45		
5	64QAM	25	0	19.37	19.42	19.42		
5	256QAM	1	0	17.54	17.57	17.48	19	2.2
5	256QAM	1	12	17.50	17.60	17.40		
5	256QAM	1	24	17.47	17.53	17.55		
5	256QAM	12	0	17.38	17.54	17.49	19	2.2
5	256QAM	12	7	17.54	17.48	17.41		
5	256QAM	12	13	17.47	17.46	17.48		
5	256QAM	25	0	17.50	17.51	17.43		
Channel				131967	132322	132757	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.72	19.78	19.72	21.2	0
3	QPSK	1	8	19.67	19.71	19.58		
3	QPSK	1	14	19.63	19.72	19.71		
3	QPSK	8	0	19.59	19.69	19.65	21.2	0
3	QPSK	8	4	19.60	19.68	19.63		
3	QPSK	8	7	19.68	19.74	19.67		
3	QPSK	15	0	19.68	19.69	19.61		
3	16QAM	1	0	19.68	19.62	19.64		
3	16QAM	1	8	19.49	19.72	19.58	21.2	0
3	16QAM	1	14	19.60	19.67	19.60		
3	16QAM	8	0	19.54	19.76	19.59	21.2	0
3	16QAM	8	4	19.57	19.64	19.69		
3	16QAM	8	7	19.60	19.74	19.67		
3	16QAM	15	0	19.53	19.67	19.60		
3	64QAM	1	0	19.68	19.69	19.73	21.2	0
3	64QAM	1	8	19.58	19.76	19.53		
3	64QAM	1	14	19.60	19.61	19.58		
3	64QAM	8	0	19.49	19.50	19.47	21	0.2

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.50	17.60	17.57	18.8	0
20	QPSK	1	49	17.34	17.59	17.38		
20	QPSK	1	99	17.36	17.46	17.48		
20	QPSK	50	0	17.42	17.53	17.49	18.8	0
20	QPSK	50	24	17.35	17.33	17.50		
20	QPSK	50	50	17.45	17.43	17.51		
20	QPSK	100	0	17.40	17.50	17.49		
20	16QAM	1	0	17.41	17.48	17.39	18.8	0
20	16QAM	1	49	17.31	17.48	17.32		
20	16QAM	1	99	17.27	17.47	17.30		
20	16QAM	50	0	17.28	17.41	17.42	18.8	0
20	16QAM	50	24	17.31	17.46	17.48		
20	16QAM	50	50	17.47	17.36	17.35		
20	16QAM	100	0	17.28	17.44	17.46		
20	64QAM	1	0	17.51	17.48	17.47	18.8	0
20	64QAM	1	49	17.40	17.48	17.35		
20	64QAM	1	99	17.32	17.44	17.37		
20	64QAM	50	0	17.22	17.51	17.44	18.8	0
20	64QAM	50	24	17.30	17.40	17.48		
20	64QAM	50	50	17.42	17.43	17.36		
20	64QAM	100	0	17.30	17.44	17.39		
20	256QAM	1	0	17.36	17.52	17.40	18.8	0
20	256QAM	1	49	17.30	17.49	17.35		
20	256QAM	1	99	17.38	17.41	17.32		
20	256QAM	50	0	17.26	17.53	17.38	18.8	0
20	256QAM	50	24	17.35	17.25	17.40		
20	256QAM	50	50	17.37	17.41	17.52		
20	256QAM	100	0	17.35	17.53	17.41		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.40	17.52	17.47	18.8	0
15	QPSK	1	37	17.32	17.47	17.33		
15	QPSK	1	74	17.31	17.33	17.45		
15	QPSK	36	0	17.31	17.47	17.39	18.8	0
15	QPSK	36	20	17.26	17.31	17.36		
15	QPSK	36	39	17.43	17.37	17.43		
15	QPSK	75	0	17.26	17.46	17.46		
15	16QAM	1	0	17.33	17.44	17.33	18.8	0
15	16QAM	1	37	17.22	17.34	17.24		
15	16QAM	1	74	17.20	17.41	17.25		
15	16QAM	36	0	17.20	17.31	17.33	18.8	0
15	16QAM	36	20	17.29	17.43	17.42		
15	16QAM	36	39	17.36	17.32	17.24		
15	16QAM	75	0	17.19	17.35	17.33		
15	64QAM	1	0	17.38	17.34	17.42	18.8	0
15	64QAM	1	37	17.35	17.38	17.26		
15	64QAM	1	74	17.23	17.35	17.24		
15	64QAM	36	0	17.19	17.47	17.36	18.8	0
15	64QAM	36	20	17.23	17.30	17.37		
15	64QAM	36	39	17.34	17.36	17.22		
15	64QAM	75	0	17.28	17.34	17.29		
15	256QAM	1	0	17.23	17.42	17.26	18.8	0
15	256QAM	1	37	17.20	17.37	17.23		
15	256QAM	1	74	17.28	17.36	17.29		
15	256QAM	36	0	17.16	17.43	17.33	18.8	0
15	256QAM	36	20	17.21	17.19	17.30		
15	256QAM	36	39	17.26	17.37	17.47		
15	256QAM	75	0	17.21	17.41	17.33		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.47	17.55	17.51	18.8	0
10	QPSK	1	25	17.23	17.51	17.35		
10	QPSK	1	49	17.29	17.37	17.34		
10	QPSK	25	0	17.33	17.40	17.35	18.8	0
10	QPSK	25	12	17.31	17.31	17.36		
10	QPSK	25	25	17.37	17.34	17.39		
10	QPSK	50	0	17.29	17.40	17.46		
10	16QAM	1	0	17.35	17.36	17.32	18.8	0
10	16QAM	1	25	17.21	17.45	17.26		
10	16QAM	1	49	17.22	17.37	17.22		
10	16QAM	25	0	17.14	17.30	17.35	18.8	0
10	16QAM	25	12	17.28	17.33	17.37		
10	16QAM	25	25	17.37	17.32	17.33		
10	16QAM	50	0	17.20	17.41	17.38		
10	64QAM	1	0	17.46	17.36	17.42	18.8	0
10	64QAM	1	25	17.32	17.41	17.30		
10	64QAM	1	49	17.23	17.30	17.27		
10	64QAM	25	0	17.11	17.40	17.32	18.8	0
10	64QAM	25	12	17.23	17.32	17.43		
10	64QAM	25	25	17.31	17.33	17.24		
10	64QAM	50	0	17.24	17.34	17.37		
10	256QAM	1	0	17.25	17.40	17.28	18.8	0
10	256QAM	1	25	17.19	17.43	17.30		
10	256QAM	1	49	17.33	17.35	17.22		
10	256QAM	25	0	17.20	17.47	17.33	18.8	0
10	256QAM	25	12	17.24	17.11	17.33		
10	256QAM	25	25	17.26	17.28	17.49		
10	256QAM	50	0	17.23	17.41	17.38		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.43	17.48	17.55	18.8	0
5	QPSK	1	12	17.24	17.56	17.29		
5	QPSK	1	24	17.25	17.43	17.44		
5	QPSK	12	0	17.30	17.47	17.45	18.8	0
5	QPSK	12	7	17.23	17.31	17.41		
5	QPSK	12	13	17.39	17.35	17.45		
5	QPSK	25	0	17.38	17.45	17.43		
5	16QAM	1	0	17.31	17.42	17.35	18.8	0
5	16QAM	1	12	17.24	17.39	17.24		
5	16QAM	1	24	17.18	17.38	17.23		
5	16QAM	12	0	17.25	17.31	17.29	18.8	0
5	16QAM	12	7	17.20	17.37	17.43		
5	16QAM	12	13	17.36	17.34	17.28		
5	16QAM	25	0	17.18	17.31	17.34		
5	64QAM	1	0	17.39	17.35	17.38	18.8	0
5	64QAM	1	12	17.37	17.35	17.23		
5	64QAM	1	24	17.24	17.33	17.33		
5	64QAM	12	0	17.10	17.39	17.37	18.8	0
5	64QAM	12	7	17.22	17.36	17.45		
5	64QAM	12	13	17.32	17.32	17.26		
5	64QAM	25	0	17.18	17.36	17.27		
5	256QAM	1	0	17.33	17.48	17.29	18.8	0
5	256QAM	1	12	17.17	17.43	17.23		
5	256QAM	1	24	17.35	17.30	17.20		
5	256QAM	12	0	17.21	17.42	17.30	18.8	0
5	256QAM	12	7	17.25	17.13	17.32		
5	256QAM	12	13	17.28	17.35	17.43		
5	256QAM	25	0	17.32	17.49	17.35		

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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	17.60	17.58	17.65	17.62	17.61	18.8	0
20	QPSK	1	49	17.50	17.47	17.62	17.49	17.48		
20	QPSK	1	99	17.50	17.49	17.56	17.51	17.58		
20	QPSK	50	0	17.58	17.45	17.62	17.56	17.50	18.8	0
20	QPSK	50	24	17.51	17.47	17.51	17.59	17.59		
20	QPSK	50	50	17.52	17.53	17.56	17.59	17.52		
20	QPSK	100	0	17.53	17.48	17.61	17.59	17.48		
20	16QAM	1	0	17.50	17.50	17.55	17.52	17.55	18.8	0
20	16QAM	1	49	17.39	17.35	17.53	17.42	17.38		
20	16QAM	1	99	17.41	17.38	17.54	17.43	17.54		
20	16QAM	50	0	17.48	17.36	17.54	17.47	17.39	18.8	0
20	16QAM	50	24	17.42	17.33	17.49	17.54	17.48		
20	16QAM	50	50	17.48	17.50	17.44	17.48	17.43		
20	16QAM	100	0	17.46	17.36	17.53	17.56	17.35		
20	64QAM	1	0	17.56	17.56	17.57	17.56	17.52	18.8	0
20	64QAM	1	49	17.36	17.43	17.55	17.38	17.45		
20	64QAM	1	99	17.45	17.40	17.49	17.47	17.45		
20	64QAM	50	0	17.54	17.34	17.54	17.50	17.45	18.8	0
20	64QAM	50	24	17.42	17.35	17.45	17.52	17.56		
20	64QAM	50	50	17.44	17.49	17.52	17.46	17.47		
20	64QAM	100	0	17.49	17.43	17.52	17.46	17.34		
20	256QAM	1	0	17.53	17.47	17.54	17.49	17.54	18.8	0
20	256QAM	1	49	17.39	17.43	17.54	17.38	17.45		
20	256QAM	1	99	17.36	17.45	17.47	17.42	17.54		
20	256QAM	50	0	17.49	17.37	17.57	17.45	17.47	18.8	0
20	256QAM	50	24	17.45	17.40	17.38	17.48	17.50		
20	256QAM	50	50	17.49	17.49	17.44	17.54	17.49		
20	256QAM	100	0	17.50	17.41	17.56	17.46	17.38		
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	17.51	17.54	17.53	17.51	17.58	19	0
15	QPSK	1	37	17.44	17.38	17.54	17.40	17.37		
15	QPSK	1	74	17.47	17.38	17.53	17.38	17.45		
15	QPSK	36	0	17.50	17.41	17.50	17.53	17.41	18.8	0
15	QPSK	36	20	17.49	17.43	17.45	17.55	17.49		
15	QPSK	36	39	17.42	17.44	17.48	17.45	17.46		
15	QPSK	75	0	17.44	17.41	17.48	17.49	17.38		
15	16QAM	1	0	17.39	17.38	17.48	17.40	17.44	18.8	0
15	16QAM	1	37	17.35	17.29	17.48	17.37	17.24		
15	16QAM	1	74	17.28	17.30	17.44	17.35	17.49		
15	16QAM	36	0	17.40	17.26	17.42	17.34	17.26	18.8	0
15	16QAM	36	20	17.36	17.25	17.41	17.43	17.44		
15	16QAM	36	39	17.42	17.45	17.36	17.43	17.40		
15	16QAM	75	0	17.35	17.32	17.48	17.46	17.33		
15	64QAM	1	0	17.45	17.48	17.52	17.49	17.42	18.8	0
15	64QAM	1	37	17.25	17.37	17.44	17.31	17.34		
15	64QAM	1	74	17.34	17.36	17.42	17.36	17.42		
15	64QAM	36	0	17.48	17.21	17.44	17.45	17.40	18.8	0
15	64QAM	36	20	17.39	17.29	17.39	17.47	17.51		
15	64QAM	36	39	17.35	17.46	17.42	17.40	17.43		
15	64QAM	75	0	17.36	17.32	17.46	17.32	17.22		
15	256QAM	1	0	17.50	17.44	17.42	17.37	17.42	18.8	0
15	256QAM	1	37	17.37	17.31	17.48	17.28	17.40		
15	256QAM	1	74	17.25	17.37	17.36	17.38	17.40		
15	256QAM	36	0	17.44	17.31	17.48	17.40	17.43	18.8	0
15	256QAM	36	20	17.43	17.29	17.26	17.38	17.39		
15	256QAM	36	39	17.38	17.37	17.40	17.48	17.41		
15	256QAM	75	0	17.37	17.33	17.46	17.34	17.31		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.58	17.47	17.60	17.51	17.48	19	0
10	QPSK	1	25	17.37	17.34	17.56	17.37	17.46		
10	QPSK	1	49	17.43	17.45	17.43	17.44	17.46		
10	QPSK	25	0	17.47	17.42	17.60	17.50	17.41	18.8	0
10	QPSK	25	12	17.47	17.36	17.47	17.52	17.57		
10	QPSK	25	25	17.45	17.44	17.48	17.49	17.49		
10	QPSK	50	0	17.46	17.35	17.57	17.47	17.45		
10	16QAM	1	0	17.43	17.39	17.47	17.41	17.50	18.8	0
10	16QAM	1	25	17.35	17.24	17.47	17.38	17.28		
10	16QAM	1	49	17.34	17.34	17.49	17.35	17.51		
10	16QAM	25	0	17.40	17.33	17.42	17.37	17.30	18.8	0
10	16QAM	25	12	17.31	17.27	17.41	17.46	17.38		
10	16QAM	25	25	17.43	17.46	17.40	17.39	17.33		
10	16QAM	50	0	17.32	17.29	17.46	17.46	17.27		
10	64QAM	1	0	17.44	17.51	17.45	17.45	17.48	18.8	0
10	64QAM	1	25	17.28	17.32	17.52	17.27	17.31		
10	64QAM	1	49	17.38	17.34	17.43	17.42	17.36		
10	64QAM	25	0	17.51	17.24	17.44	17.41	17.42	18.8	0
10	64QAM	25	12	17.36	17.26	17.36	17.47	17.52		
10	64QAM	25	25	17.33	17.44	17.43	17.38	17.41		
10	64QAM	50	0	17.39	17.35	17.44	17.38	17.32		
10	256QAM	1	0	17.42	17.37	17.50	17.40	17.45	18.8	0
10	256QAM	1	25	17.31	17.36	17.44	17.33	17.32		
10	256QAM	1	49	17.28	17.34	17.38	17.29	17.50		
10	256QAM	25	0	17.37	17.30	17.47	17.43	17.34	18.8	0
10	256QAM	25	12	17.41	17.37	17.32	17.42	17.43		
10	256QAM	25	25	17.38	17.42	17.39	17.43	17.43		
10	256QAM	50	0	17.36	17.36	17.51	17.37	17.24		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.57	17.54	17.61	17.48	17.48	19	0
5	QPSK	1	12	17.37	17.45	17.53	17.37	17.45		
5	QPSK	1	24	17.40	17.35	17.43	17.43	17.47		
5	QPSK	12	0	17.52	17.33	17.52	17.46	17.37	18.8	0
5	QPSK	12	7	17.37	17.44	17.47	17.49	17.52		
5	QPSK	12	13	17.48	17.43	17.52	17.47	17.38		
5	QPSK	25	0	17.44	17.45	17.57	17.52	17.41		
5	16QAM	1	0	17.40	17.37	17.49	17.44	17.51	18.8	0
5	16QAM	1	12	17.31	17.32	17.47	17.39	17.33		
5	16QAM	1	24	17.32	17.28	17.47	17.37	17.49		
5	16QAM	12	0	17.43	17.26	17.42	17.35	17.34	18.8	0
5	16QAM	12	7	17.35	17.22	17.42	17.44	17.40		
5	16QAM	12	13	17.40	17.46	17.40	17.39	17.41		
5	16QAM	25	0	17.33	17.27	17.41	17.52	17.28		
5	64QAM	1	0	17.45	17.43	17.46	17.46	17.50	18.8	0
5	64QAM	1	12	17.28	17.42	17.42	17.27	17.36		
5	64QAM	1	24	17.42	17.33	17.42	17.37	17.36		
5	64QAM	12	0	17.50	17.23	17.52	17.41	17.36	18.8	0
5	64QAM	12	7	17.32	17.26	17.37	17.44	17.45		
5	64QAM	12	13	17.38	17.45	17.49	17.42	17.41		
5	64QAM	25	0	17.41	17.32	17.45	17.37	17.28		
5	256QAM	1	0	17.50	17.34	17.49	17.42	17.41	18.8	0
5	256QAM	1	12	17.33	17.37	17.47	17.33	17.36		
5	256QAM	1	24	17.24	17.32	17.44	17.36	17.41		
5	256QAM	12	0	17.40	17.26	17.47	17.42	17.41	18.8	0
5	256QAM	12	7	17.40	17.30	17.30	17.38	17.45		
5	256QAM	12	13	17.45	17.39	17.31	17.47	17.45		
5	256QAM	25	0	17.40	17.27	17.50	17.43	17.25		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.83	18.88	18.90	18.87	18.85	20.4	0
20	QPSK	1	49	18.74	18.82	18.85	18.84	18.77		
20	QPSK	1	99	18.77	18.82	18.79	18.83	18.73		
20	QPSK	50	0	18.78	18.85	18.86	18.73	18.72	20.4	0
20	QPSK	50	24	18.73	18.81	18.85	18.78	18.74		
20	QPSK	50	50	18.78	18.85	18.77	18.78	18.75		
20	QPSK	100	0	18.71	18.75	18.84	18.81	18.77		
20	16QAM	1	0	18.79	18.81	18.82	18.73	18.72	20.4	0
20	16QAM	1	49	18.69	18.75	18.77	18.81	18.65		
20	16QAM	1	99	18.73	18.68	18.73	18.79	18.63		
20	16QAM	50	0	18.72	18.78	18.83	18.63	18.66	20.4	0
20	16QAM	50	24	18.69	18.68	18.77	18.67	18.67		
20	16QAM	50	50	18.70	18.77	18.71	18.66	18.61		
20	16QAM	100	0	18.68	18.70	18.76	18.75	18.73		
20	64QAM	1	0	18.78	18.80	18.80	18.80	18.79	20.4	0
20	64QAM	1	49	18.61	18.69	18.73	18.73	18.72		
20	64QAM	1	99	18.65	18.79	18.76	18.76	18.61		
20	64QAM	50	0	18.73	18.79	18.76	18.63	18.69	20.4	0
20	64QAM	50	24	18.66	18.68	18.83	18.68	18.61		
20	64QAM	50	50	18.74	18.79	18.74	18.72	18.68		
20	64QAM	100	0	18.66	18.62	18.79	18.76	18.65		
20	256QAM	1	0	18.70	18.80	18.80	18.84	18.77	20.4	0
20	256QAM	1	49	18.71	18.76	18.74	18.77	18.73		
20	256QAM	1	99	18.69	18.80	18.71	18.79	18.60		
20	256QAM	50	0	18.73	18.72	18.78	18.60	18.63	20.4	0
20	256QAM	50	24	18.68	18.61	18.81	18.65	18.63		
20	256QAM	50	50	18.71	18.78	18.71	18.68	18.68		
20	256QAM	100	0	18.65	18.72	18.78	18.70	18.68		
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	18.80	18.83	18.77	18.84	18.71	20	0
15	QPSK	1	37	18.71	18.70	18.81	18.74	18.68		
15	QPSK	1	74	18.67	18.78	18.68	18.79	18.70		
15	QPSK	36	0	18.74	18.71	18.73	18.68	18.66	20.4	0
15	QPSK	36	20	18.67	18.68	18.74	18.66	18.63		
15	QPSK	36	39	18.64	18.73	18.73	18.69	18.63		
15	QPSK	75	0	18.64	18.63	18.80	18.75	18.74		
15	16QAM	1	0	18.77	18.76	18.73	18.60	18.65	20.4	0
15	16QAM	1	37	18.66	18.70	18.73	18.78	18.58		
15	16QAM	1	74	18.67	18.56	18.60	18.70	18.59		
15	16QAM	36	0	18.68	18.72	18.73	18.59	18.59	20.4	0
15	16QAM	36	20	18.64	18.59	18.73	18.60	18.63		
15	16QAM	36	39	18.66	18.74	18.61	18.53	18.56		
15	16QAM	75	0	18.64	18.63	18.69	18.65	18.71		
15	64QAM	1	0	18.69	18.77	18.68	18.73	18.70	20.4	0
15	64QAM	1	37	18.52	18.57	18.70	18.69	18.69		
15	64QAM	1	74	18.58	18.66	18.69	18.69	18.59		
15	64QAM	36	0	18.67	18.68	18.67	18.58	18.66	20.4	0
15	64QAM	36	20	18.63	18.60	18.77	18.58	18.54		
15	64QAM	36	39	18.63	18.73	18.61	18.70	18.55		
15	64QAM	75	0	18.54	18.51	18.73	18.72	18.52		
15	256QAM	1	0	18.56	18.72	18.71	18.78	18.68	20.4	0
15	256QAM	1	37	18.57	18.64	18.69	18.71	18.70		
15	256QAM	1	74	18.55	18.74	18.59	18.77	18.52		
15	256QAM	36	0	18.69	18.61	18.67	18.49	18.54	20.4	0
15	256QAM	36	20	18.62	18.57	18.70	18.58	18.56		
15	256QAM	36	39	18.65	18.71	18.63	18.64	18.60		
15	256QAM	75	0	18.52	18.64	18.71	18.60	18.63		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.72	18.80	18.83	18.83	18.78	20	0
10	QPSK	1	25	18.71	18.68	18.75	18.75	18.73		
10	QPSK	1	49	18.75	18.77	18.75	18.74	18.66		
10	QPSK	25	0	18.75	18.79	18.81	18.71	18.60	20.4	0
10	QPSK	25	12	18.67	18.70	18.73	18.71	18.67		
10	QPSK	25	25	18.64	18.77	18.67	18.69	18.66		
10	QPSK	50	0	18.62	18.72	18.79	18.69	18.65		
10	16QAM	1	0	18.74	18.79	18.76	18.64	18.70	20.4	0
10	16QAM	1	25	18.62	18.68	18.74	18.71	18.60		
10	16QAM	1	49	18.71	18.58	18.63	18.68	18.57		
10	16QAM	25	0	18.61	18.68	18.73	18.57	18.55	20.4	0
10	16QAM	25	12	18.58	18.55	18.69	18.61	18.58		
10	16QAM	25	25	18.66	18.71	18.62	18.53	18.56		
10	16QAM	50	0	18.62	18.61	18.62	18.66	18.65		
10	64QAM	1	0	18.72	18.69	18.68	18.69	18.75	20.4	0
10	64QAM	1	25	18.55	18.66	18.63	18.70	18.68		
10	64QAM	1	49	18.57	18.70	18.63	18.72	18.57		
10	64QAM	25	0	18.60	18.66	18.66	18.52	18.63	20.4	0
10	64QAM	25	12	18.61	18.56	18.73	18.60	18.53		
10	64QAM	25	25	18.70	18.71	18.66	18.65	18.64		
10	64QAM	50	0	18.56	18.49	18.70	18.66	18.56		
10	256QAM	1	0	18.60	18.72	18.75	18.81	18.63	20.4	0
10	256QAM	1	25	18.61	18.73	18.64	18.72	18.67		
10	256QAM	1	49	18.65	18.66	18.64	18.69	18.58		
10	256QAM	25	0	18.65	18.67	18.72	18.49	18.59	20.4	0
10	256QAM	25	12	18.58	18.53	18.72	18.60	18.55		
10	256QAM	25	25	18.65	18.68	18.65	18.65	18.62		
10	256QAM	50	0	18.55	18.64	18.68	18.61	18.63		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.75	18.86	18.80	18.79	18.79	20	0
5	QPSK	1	12	18.72	18.79	18.82	18.71	18.69		
5	QPSK	1	24	18.70	18.72	18.73	18.78	18.64		
5	QPSK	12	0	18.74	18.79	18.76	18.65	18.59	20.4	0
5	QPSK	12	7	18.66	18.71	18.82	18.73	18.63		
5	QPSK	12	13	18.68	18.72	18.70	18.66	18.67		
5	QPSK	25	0	18.61	18.64	18.82	18.71	18.73		
5	16QAM	1	0	18.77	18.75	18.71	18.67	18.67	20.4	0
5	16QAM	1	12	18.60	18.62	18.70	18.69	18.53		
5	16QAM	1	24	18.64	18.56	18.65	18.74	18.52		
5	16QAM	12	0	18.63	18.71	18.69	18.53	18.59	20.4	0
5	16QAM	12	7	18.65	18.64	18.68	18.60	18.54		
5	16QAM	12	13	18.61	18.69	18.64	18.56	18.57		
5	16QAM	25	0	18.59	18.66	18.69	18.65	18.65		
5	64QAM	1	0	18.71	18.71	18.77	18.71	18.70	20.4	0
5	64QAM	1	12	18.53	18.65	18.60	18.66	18.64		
5	64QAM	1	24	18.56	18.72	18.63	18.67	18.56		
5	64QAM	12	0	18.68	18.65	18.64	18.50	18.64	20.4	0
5	64QAM	12	7	18.52	18.58	18.79	18.63	18.54		
5	64QAM	12	13	18.67	18.68	18.66	18.68	18.59		
5	64QAM	25	0	18.52	18.54	18.72	18.73	18.61		
5	256QAM	1	0	18.61	18.74	18.77	18.72	18.71	20.4	0
5	256QAM	1	12	18.60	18.66	18.65	18.63	18.64		
5	256QAM	1	24	18.60	18.71	18.61	18.66	18.57		
5	256QAM	12	0	18.66	18.69	18.75	18.46	18.54	20.4	0
5	256QAM	12	7	18.55	18.51	18.73	18.61	18.56		
5	256QAM	12	13	18.59	18.75	18.67	18.64	18.61		
5	256QAM	25	0	18.60	18.58	18.66	18.60	18.62		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	16.46	16.55	16.52	16.49	17.9	0
20	QPSK	1	49	16.38	16.48	16.39	16.39		
20	QPSK	1	99	16.34	16.49	16.47	16.36		
20	QPSK	50	0	16.35	16.51	16.44	16.40		
20	QPSK	50	24	16.41	16.43	16.40	16.46		
20	QPSK	50	50	16.42	16.48	16.46	16.44		
20	QPSK	100	0	16.42	16.48	16.39	16.42		
20	16QAM	1	0	16.36	16.45	16.39	16.45		
20	16QAM	1	49	16.29	16.36	16.27	16.36		
20	16QAM	1	99	16.23	16.43	16.43	16.33		
20	16QAM	50	0	16.22	16.46	16.30	16.35		
20	16QAM	50	24	16.39	16.38	16.32	16.34		
20	16QAM	50	50	16.32	16.45	16.36	16.30		
20	16QAM	100	0	16.38	16.40	16.36	16.30		
20	64QAM	1	0	16.34	16.44	16.39	16.40		
20	64QAM	1	49	16.25	16.41	16.33	16.34		
20	64QAM	1	99	16.24	16.45	16.43	16.25		
20	64QAM	50	0	16.29	16.41	16.39	16.34		
20	64QAM	50	24	16.29	16.32	16.29	16.39		
20	64QAM	50	50	16.30	16.42	16.43	16.32		
20	64QAM	100	0	16.37	16.46	16.32	16.31		
20	256QAM	1	0	16.38	16.42	16.46	16.38		
20	256QAM	1	49	16.27	16.36	16.35	16.32		
20	256QAM	1	99	16.24	16.46	16.33	16.23		
20	256QAM	50	0	16.29	16.40	16.35	16.35		
20	256QAM	50	24	16.35	16.33	16.27	16.35		
20	256QAM	50	50	16.32	16.35	16.40	16.37		
20	256QAM	100	0	16.34	16.44	16.36	16.33		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.44	16.47	16.38	16.42	17.9	0
15	QPSK	1	37	16.36	16.41	16.32	16.26		
15	QPSK	1	74	16.22	16.35	16.44	16.33		
15	QPSK	36	0	16.22	16.47	16.37	16.37		
15	QPSK	36	20	16.31	16.37	16.36	16.39		
15	QPSK	36	39	16.40	16.44	16.41	16.41		
15	QPSK	75	0	16.39	16.38	16.27	16.29		
15	16QAM	1	0	16.29	16.42	16.34	16.32		
15	16QAM	1	37	16.16	16.32	16.14	16.23		
15	16QAM	1	74	16.10	16.32	16.39	16.25		
15	16QAM	36	0	16.17	16.37	16.18	16.30		
15	16QAM	36	20	16.32	16.26	16.28	16.24		
15	16QAM	36	39	16.30	16.38	16.31	16.26		
15	16QAM	75	0	16.33	16.35	16.25	16.17		
15	64QAM	1	0	16.27	16.31	16.26	16.36		
15	64QAM	1	37	16.14	16.36	16.22	16.27		
15	64QAM	1	74	16.19	16.32	16.33	16.20		
15	64QAM	36	0	16.22	16.30	16.31	16.21		
15	64QAM	36	20	16.21	16.26	16.25	16.27		
15	64QAM	36	39	16.16	16.33	16.30	16.19		
15	64QAM	75	0	16.33	16.36	16.19	16.22		
15	256QAM	1	0	16.35	16.31	16.41	16.31		
15	256QAM	1	37	16.25	16.27	16.32	16.28		
15	256QAM	1	74	16.12	16.34	16.26	16.18		
15	256QAM	36	0	16.27	16.32	16.22	16.23		
15	256QAM	36	20	16.30	16.27	16.21	16.27		
15	256QAM	36	39	16.22	16.22	16.32	16.25		
15	256QAM	75	0	16.21	16.34	16.31	16.25		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.34	16.41	16.49	16.44	17.9	0
10	QPSK	1	25	16.32	16.36	16.26	16.34		
10	QPSK	1	49	16.30	16.39	16.33	16.23		
10	QPSK	25	0	16.30	16.45	16.39	16.31		
10	QPSK	25	12	16.38	16.39	16.26	16.42		
10	QPSK	25	25	16.32	16.44	16.33	16.40		
10	QPSK	50	0	16.37	16.39	16.34	16.30		
10	16QAM	1	0	16.26	16.39	16.32	16.38		
10	16QAM	1	25	16.25	16.31	16.15	16.29		
10	16QAM	1	49	16.14	16.32	16.32	16.20		
10	16QAM	25	0	16.14	16.38	16.21	16.29		
10	16QAM	25	12	16.30	16.33	16.27	16.22		
10	16QAM	25	25	16.30	16.32	16.31	16.19		
10	16QAM	50	0	16.29	16.33	16.25	16.19		
10	64QAM	1	0	16.25	16.37	16.35	16.35		
10	64QAM	1	25	16.13	16.30	16.27	16.26		
10	64QAM	1	49	16.16	16.40	16.41	16.18		
10	64QAM	25	0	16.23	16.30	16.31	16.20		
10	64QAM	25	12	16.16	16.29	16.24	16.35		
10	64QAM	25	25	16.20	16.33	16.36	16.28		
10	64QAM	50	0	16.29	16.41	16.18	16.27		
10	256QAM	1	0	16.25	16.28	16.34	16.34		
10	256QAM	1	25	16.14	16.30	16.29	16.23		
10	256QAM	1	49	16.17	16.34	16.24	16.11		
10	256QAM	25	0	16.25	16.37	16.32	16.23		
10	256QAM	25	12	16.29	16.28	16.14	16.30		
10	256QAM	25	25	16.22	16.23	16.34	16.24		
10	256QAM	50	0	16.24	16.42	16.28	16.24		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.36	16.50	16.39	16.41	17.9	0
5	QPSK	1	12	16.29	16.41	16.26	16.30		
5	QPSK	1	24	16.27	16.37	16.36	16.32		
5	QPSK	12	0	16.24	16.41	16.38	16.28		
5	QPSK	12	7	16.32	16.39	16.33	16.40		
5	QPSK	12	13	16.30	16.38	16.44	16.40		
5	QPSK	25	0	16.33	16.41	16.36	16.35		
5	16QAM	1	0	16.31	16.43	16.25	16.36		
5	16QAM	1	12	16.27	16.34	16.13	16.30		
5	16QAM	1	24	16.21	16.41	16.41	16.26		
5	16QAM	12	0	16.10	16.43	16.27	16.32		
5	16QAM	12	7	16.27	16.32	16.23	16.21		
5	16QAM	12	13	16.20	16.31	16.27	16.25		
5	16QAM	25	0	16.30	16.37	16.29	16.16		
5	64QAM	1	0	16.24	16.41	16.31	16.34		
5	64QAM	1	12	16.19	16.37	16.23	16.24		
5	64QAM	1	24	16.22	16.34	16.38	16.20		
5	64QAM	12	0	16.27	16.29	16.26	16.29		
5	64QAM	12	7	16.24	16.28	16.21	16.37		
5	64QAM	12	13	16.25	16.33	16.40	16.23		
5	64QAM	25	0	16.32	16.33	16.23	16.25		
5	256QAM	1	0	16.32	16.31	16.34	16.35		
5	256QAM	1	12	16.18	16.27	16.30	16.23		
5	256QAM	1	24	16.13	16.41	16.23	16.10		
5	256QAM	12	0	16.17	16.27	16.28	16.32		
5	256QAM	12	7	16.21	16.22	16.16	16.21		
5	256QAM	12	13	16.19	16.27	16.37	16.35		
5	256QAM	25	0	16.25	16.36	16.32	16.24		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3680	3609	3641	3690		
20	QPSK	1	0	11.65	11.70	11.63	11.68	12.8	0
20	QPSK	1	49	11.53	11.59	11.61	11.57		
20	QPSK	1	99	11.57	11.57	11.52	11.54		
20	QPSK	50	0	11.58	11.65	11.54	11.55	12.8	0
20	QPSK	50	24	11.58	11.63	11.50	11.63		
20	QPSK	50	50	11.55	11.64	11.49	11.61		
20	QPSK	100	0	11.60	11.62	11.51	11.58		
20	16QAM	1	0	11.52	11.61	11.52	11.63	12.8	0
20	16QAM	1	49	11.47	11.57	11.49	11.51		
20	16QAM	1	99	11.51	11.46	11.44	11.52		
20	16QAM	50	0	11.47	11.52	11.42	11.42	12.8	0
20	16QAM	50	24	11.46	11.59	11.40	11.60		
20	16QAM	50	50	11.41	11.51	11.37	11.57		
20	16QAM	100	0	11.56	11.58	11.39	11.48		
20	64QAM	1	0	11.53	11.57	11.56	11.59	12.8	0
20	64QAM	1	49	11.43	11.48	11.58	11.54		
20	64QAM	1	99	11.54	11.51	11.41	11.50		
20	64QAM	50	0	11.48	11.56	11.42	11.49	12.8	0
20	64QAM	50	24	11.44	11.54	11.42	11.51		
20	64QAM	50	50	11.44	11.61	11.44	11.52		
20	64QAM	100	0	11.51	11.57	11.41	11.51		
20	256QAM	1	0	11.57	11.58	11.58	11.60	12.8	0
20	256QAM	1	49	11.42	11.50	11.57	11.53		
20	256QAM	1	99	11.49	11.52	11.46	11.43		
20	256QAM	50	0	11.45	11.59	11.42	11.49	12.8	0
20	256QAM	50	24	11.45	11.56	11.46	11.59		
20	256QAM	50	50	11.49	11.56	11.38	11.54		
20	256QAM	100	0	11.55	11.48	11.43	11.45		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	11.54	11.58	11.54	11.55	12.8	0
15	QPSK	1	37	11.49	11.50	11.54	11.48		
15	QPSK	1	74	11.51	11.52	11.41	11.46		
15	QPSK	36	0	11.45	11.51	11.47	11.52	12.8	0
15	QPSK	36	20	11.54	11.58	11.41	11.53		
15	QPSK	36	39	11.47	11.51	11.39	11.54		
15	QPSK	75	0	11.46	11.57	11.48	11.48		
15	16QAM	1	0	11.49	11.58	11.42	11.55	12.8	0
15	16QAM	1	37	11.37	11.44	11.45	11.39		
15	16QAM	1	74	11.48	11.44	11.38	11.48		
15	16QAM	36	0	11.40	11.42	11.38	11.38	12.8	0
15	16QAM	36	20	11.32	11.57	11.37	11.57		
15	16QAM	36	39	11.29	11.41	11.25	11.52		
15	16QAM	75	0	11.44	11.45	11.31	11.43		
15	64QAM	1	0	11.45	11.52	11.43	11.49	12.8	0
15	64QAM	1	37	11.38	11.45	11.48	11.51		
15	64QAM	1	74	11.47	11.43	11.34	11.48		
15	64QAM	36	0	11.39	11.46	11.32	11.46	12.8	0
15	64QAM	36	20	11.41	11.43	11.30	11.38		
15	64QAM	36	39	11.42	11.49	11.33	11.46		
15	64QAM	75	0	11.41	11.53	11.27	11.46		
15	256QAM	1	0	11.50	11.54	11.55	11.54	12.8	0
15	256QAM	1	37	11.40	11.45	11.48	11.47		
15	256QAM	1	74	11.40	11.49	11.33	11.40		
15	256QAM	36	0	11.36	11.51	11.28	11.39	12.8	0
15	256QAM	36	20	11.39	11.48	11.40	11.49		
15	256QAM	36	39	11.46	11.52	11.25	11.51		
15	256QAM	75	0	11.44	11.44	11.40	11.38		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	11.58	11.68	11.55	11.56	12.8	0
10	QPSK	1	25	11.41	11.49	11.53	11.50		
10	QPSK	1	49	11.55	11.52	11.43	11.47		
10	QPSK	25	0	11.48	11.53	11.50	11.46	12.8	0
10	QPSK	25	12	11.51	11.51	11.42	11.59		
10	QPSK	25	25	11.53	11.52	11.38	11.49		
10	QPSK	50	0	11.54	11.51	11.40	11.51		
10	16QAM	1	0	11.42	11.51	11.38	11.50	12.8	0
10	16QAM	1	25	11.39	11.52	11.44	11.47		
10	16QAM	1	49	11.48	11.38	11.39	11.43		
10	16QAM	25	0	11.33	11.39	11.30	11.29	12.8	0
10	16QAM	25	12	11.37	11.52	11.31	11.56		
10	16QAM	25	25	11.39	11.37	11.33	11.53		
10	16QAM	50	0	11.51	11.45	11.34	11.37		
10	64QAM	1	0	11.40	11.49	11.42	11.46	12.8	0
10	64QAM	1	25	11.40	11.42	11.53	11.40		
10	64QAM	1	49	11.42	11.45	11.29	11.41		
10	64QAM	25	0	11.42	11.43	11.34	11.38	12.8	0
10	64QAM	25	12	11.31	11.51	11.35	11.42		
10	64QAM	25	25	11.32	11.50	11.34	11.50		
10	64QAM	50	0	11.47	11.51	11.36	11.44		
10	256QAM	1	0	11.47	11.46	11.48	11.53	12.8	0
10	256QAM	1	25	11.28	11.48	11.52	11.40		
10	256QAM	1	49	11.35	11.42	11.41	11.34		
10	256QAM	25	0	11.35	11.52	11.31	11.35	12.8	0
10	256QAM	25	12	11.37	11.46	11.39	11.55		
10	256QAM	25	25	11.41	11.44	11.29	11.50		
10	256QAM	50	0	11.44	11.38	11.37	11.43		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	11.54	11.66	11.55	11.57	12.8	0
5	QPSK	1	12	11.40	11.46	11.51	11.46		
5	QPSK	1	24	11.51	11.47	11.48	11.49		
5	QPSK	12	0	11.50	11.62	11.48	11.43	12.8	0
5	QPSK	12	7	11.49	11.55	11.48	11.58		
5	QPSK	12	13	11.52	11.59	11.37	11.51		
5	QPSK	25	0	11.54	11.48	11.45	11.52		
5	16QAM	1	0	11.43	11.51	11.41	11.59	12.8	0
5	16QAM	1	12	11.39	11.50	11.42	11.46		
5	16QAM	1	24	11.48	11.36	11.41	11.45		
5	16QAM	12	0	11.44	11.49	11.29	11.31	12.8	0
5	16QAM	12	7	11.39	11.50	11.31	11.50		
5	16QAM	12	13	11.30	11.42	11.30	11.54		
5	16QAM	25	0	11.50	11.49	11.26	11.41		
5	64QAM	1	0	11.48	11.53	11.53	11.48	12.8	0
5	64QAM	1	12	11.33	11.44	11.45	11.43		
5	64QAM	1	24	11.51	11.46	11.39	11.39		
5	64QAM	12	0	11.40	11.52	11.35	11.40	12.8	0
5	64QAM	12	7	11.41	11.45	11.34	11.44		
5	64QAM	12	13	11.32	11.56	11.35	11.45		
5	64QAM	25	0	11.46	11.52	11.34	11.41		
5	256QAM	1	0	11.47	11.49	11.46	11.51	12.8	0
5	256QAM	1	12	11.35	11.43	11.49	11.50		
5	256QAM	1	24	11.44	11.42	11.39	11.35		
5	256QAM	12	0	11.35	11.53	11.40	11.43	12.8	0
5	256QAM	12	7	11.37	11.52	11.36	11.54		
5	256QAM	12	13	11.46	11.49	11.28	11.46		
5	256QAM	25	0	11.42	11.35	11.29	11.36		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.55	17.60	17.52	17.57	18.8	0
20	QPSK	1	49	17.47	17.48	17.38	17.54		
20	QPSK	1	99	17.45	17.55	17.45	17.46		
20	QPSK	50	0	17.44	17.55	17.39	17.53	18.8	0
20	QPSK	50	24	17.50	17.46	17.39	17.54		
20	QPSK	50	50	17.49	17.49	17.45	17.51		
20	QPSK	100	0	17.47	17.52	17.42	17.47		
20	16QAM	1	0	17.48	17.50	17.38	17.50	18.8	0
20	16QAM	1	49	17.36	17.37	17.29	17.48		
20	16QAM	1	99	17.41	17.44	17.40	17.36		
20	16QAM	50	0	17.32	17.49	17.28	17.51	18.8	0
20	16QAM	50	24	17.43	17.36	17.32	17.44		
20	16QAM	50	50	17.46	17.40	17.39	17.41		
20	16QAM	100	0	17.44	17.47	17.36	17.38		
20	64QAM	1	0	17.43	17.48	17.39	17.53	18.8	0
20	64QAM	1	49	17.39	17.37	17.33	17.44		
20	64QAM	1	99	17.33	17.53	17.40	17.35		
20	64QAM	50	0	17.31	17.42	17.28	17.44	18.8	0
20	64QAM	50	24	17.47	17.36	17.25	17.43		
20	64QAM	50	50	17.46	17.38	17.35	17.46		
20	64QAM	100	0	17.37	17.45	17.39	17.33		
20	256QAM	1	0	17.49	17.47	17.46	17.53	18.8	0
20	256QAM	1	49	17.43	17.44	17.27	17.51		
20	256QAM	1	99	17.33	17.50	17.39	17.42		
20	256QAM	50	0	17.42	17.45	17.31	17.39	18.8	0
20	256QAM	50	24	17.37	17.39	17.31	17.44		
20	256QAM	50	50	17.44	17.42	17.43	17.40		
20	256QAM	100	0	17.34	17.45	17.35	17.43		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.42	17.48	17.39	17.51	18.8	0
15	QPSK	1	37	17.36	17.36	17.24	17.41		
15	QPSK	1	74	17.32	17.46	17.38	17.43		
15	QPSK	36	0	17.38	17.46	17.37	17.45	18.8	0
15	QPSK	36	20	17.36	17.33	17.26	17.48		
15	QPSK	36	39	17.37	17.43	17.34	17.37		
15	QPSK	75	0	17.33	17.44	17.31	17.39		
15	16QAM	1	0	17.43	17.38	17.26	17.45	18.8	0
15	16QAM	1	37	17.31	17.26	17.24	17.37		
15	16QAM	1	74	17.30	17.38	17.37	17.24		
15	16QAM	36	0	17.20	17.43	17.18	17.49	18.8	0
15	16QAM	36	20	17.32	17.34	17.19	17.42		
15	16QAM	36	39	17.32	17.30	17.35	17.39		
15	16QAM	75	0	17.38	17.41	17.32	17.29		
15	64QAM	1	0	17.30	17.42	17.28	17.42	18.8	0
15	64QAM	1	37	17.32	17.26	17.21	17.30		
15	64QAM	1	74	17.24	17.46	17.30	17.33		
15	64QAM	36	0	17.20	17.29	17.20	17.35	18.8	0
15	64QAM	36	20	17.36	17.28	17.13	17.40		
15	64QAM	36	39	17.41	17.24	17.22	17.33		
15	64QAM	75	0	17.35	17.37	17.34	17.29		
15	256QAM	1	0	17.43	17.34	17.43	17.46	18.8	0
15	256QAM	1	37	17.30	17.37	17.18	17.41		
15	256QAM	1	74	17.24	17.47	17.36	17.35		
15	256QAM	36	0	17.30	17.42	17.23	17.36	18.8	0
15	256QAM	36	20	17.30	17.29	17.21	17.36		
15	256QAM	36	39	17.34	17.33	17.32	17.37		
15	256QAM	75	0	17.30	17.35	17.22	17.40		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.44	17.58	17.48	17.53	18.8	0
10	QPSK	1	25	17.45	17.45	17.26	17.48		
10	QPSK	1	49	17.40	17.49	17.41	17.39		
10	QPSK	25	0	17.31	17.52	17.28	17.41	18.8	0
10	QPSK	25	12	17.44	17.44	17.30	17.51		
10	QPSK	25	25	17.44	17.45	17.32	17.37		
10	QPSK	50	0	17.37	17.46	17.37	17.44		
10	16QAM	1	0	17.38	17.43	17.33	17.45	18.8	0
10	16QAM	1	25	17.29	17.29	17.23	17.38		
10	16QAM	1	49	17.39	17.30	17.26	17.29		
10	16QAM	25	0	17.23	17.38	17.18	17.39	18.8	0
10	16QAM	25	12	17.29	17.26	17.21	17.34		
10	16QAM	25	25	17.42	17.36	17.29	17.31		
10	16QAM	50	0	17.33	17.41	17.33	17.34		
10	64QAM	1	0	17.32	17.42	17.27	17.41	18.8	0
10	64QAM	1	25	17.31	17.25	17.27	17.39		
10	64QAM	1	49	17.22	17.49	17.28	17.28		
10	64QAM	25	0	17.20	17.31	17.16	17.35	18.8	0
10	64QAM	25	12	17.41	17.32	17.13	17.32		
10	64QAM	25	25	17.37	17.32	17.25	17.36		
10	64QAM	50	0	17.31	17.35	17.30	17.20		
10	256QAM	1	0	17.40	17.35	17.39	17.44	18.8	0
10	256QAM	1	25	17.33	17.36	17.17	17.40		
10	256QAM	1	49	17.21	17.38	17.31	17.40		
10	256QAM	25	0	17.36	17.32	17.25	17.31	18.8	0
10	256QAM	25	12	17.32	17.28	17.17	17.36		
10	256QAM	25	25	17.40	17.37	17.30	17.37		
10	256QAM	50	0	17.21	17.38	17.30	17.37		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3645	3697.5		
5	QPSK	1	0	17.48	17.57	17.42	17.48	18.8	0
5	QPSK	1	12	17.44	17.36	17.35	17.43		
5	QPSK	1	24	17.42	17.43	17.31	17.41		
5	QPSK	12	0	17.37	17.45	17.35	17.48	18.8	0
5	QPSK	12	7	17.41	17.38	17.31	17.43		
5	QPSK	12	13	17.40	17.42	17.43	17.44		
5	QPSK	25	0	17.39	17.43	17.31	17.35	18.8	0
5	16QAM	1	0	17.43	17.47	17.34	17.37		
5	16QAM	1	12	17.30	17.23	17.23	17.43		
5	16QAM	1	24	17.32	17.34	17.35	17.27		
5	16QAM	12	0	17.20	17.38	17.23	17.47	18.8	0
5	16QAM	12	7	17.35	17.26	17.19	17.37		
5	16QAM	12	13	17.37	17.28	17.27	17.36		
5	16QAM	25	0	17.41	17.37	17.27	17.34		
5	64QAM	1	0	17.36	17.35	17.37	17.44	18.8	0
5	64QAM	1	12	17.35	17.25	17.27	17.33		
5	64QAM	1	24	17.24	17.41	17.38	17.24		
5	64QAM	12	0	17.19	17.32	17.23	17.40	18.8	0
5	64QAM	12	7	17.33	17.27	17.14	17.40		
5	64QAM	12	13	17.39	17.35	17.29	17.35		
5	64QAM	25	0	17.31	17.39	17.34	17.25		
5	256QAM	1	0	17.44	17.43	17.42	17.41	18.8	0
5	256QAM	1	12	17.29	17.38	17.16	17.46		
5	256QAM	1	24	17.25	17.38	17.36	17.31		
5	256QAM	12	0	17.29	17.37	17.24	17.26	18.8	0
5	256QAM	12	7	17.34	17.25	17.26	17.32		
5	256QAM	12	13	17.41	17.31	17.33	17.34		
5	256QAM	25	0	17.31	17.35	17.30	17.37		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.23	20.30	20.25	20.28	21.4	0
20	QPSK	1	49	20.13	20.22	20.21	20.17		
20	QPSK	1	99	20.15	20.18	20.17	20.19		
20	QPSK	50	0	20.18	20.24	20.21	20.20	21.4	0
20	QPSK	50	24	20.19	20.18	20.18	20.18		
20	QPSK	50	50	20.12	20.20	20.16	20.23		
20	QPSK	100	0	20.17	20.23	20.15	20.15		
20	16QAM	1	0	20.15	20.16	20.15	20.15	21.4	0
20	16QAM	1	49	20.02	20.19	20.11	20.11		
20	16QAM	1	99	20.04	20.10	20.12	20.08		
20	16QAM	50	0	20.14	20.12	20.17	20.06	21.4	0
20	16QAM	50	24	20.14	20.14	20.04	20.12		
20	16QAM	50	50	20.04	20.11	20.10	20.18		
20	16QAM	100	0	20.09	20.15	20.03	20.12		
20	64QAM	1	0	20.14	20.22	20.23	20.20	21.4	0
20	64QAM	1	49	20.01	20.11	20.13	20.10		
20	64QAM	1	99	20.01	20.08	20.05	20.15		
20	64QAM	50	0	19.85	19.88	19.90	19.88	21	0.4
20	64QAM	50	24	19.68	19.87	19.82	19.77		
20	64QAM	50	50	19.79	19.76	19.77	19.85		
20	64QAM	100	0	19.83	19.84	19.81	19.85		
20	256QAM	1	0	17.80	17.89	17.85	17.92	19	2.4
20	256QAM	1	49	17.72	17.78	17.82	17.79		
20	256QAM	1	99	17.71	17.83	17.74	17.81		
20	256QAM	50	0	17.79	17.86	17.84	17.86	19	2.4
20	256QAM	50	24	17.84	17.78	17.81	17.72		
20	256QAM	50	50	17.74	17.85	17.81	17.83		
20	256QAM	100	0	17.71	17.88	17.72	17.77		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.14	20.22	20.14	20.19	21.4	0
15	QPSK	1	37	20.11	20.15	20.11	20.08		
15	QPSK	1	74	20.13	20.15	20.14	20.11		
15	QPSK	36	0	20.11	20.19	20.15	20.14	21.4	0
15	QPSK	36	20	20.16	20.05	20.05	20.11		
15	QPSK	36	39	20.06	20.13	20.12	20.11		
15	QPSK	75	0	20.04	20.10	20.01	20.13		
15	16QAM	1	0	20.13	20.11	20.05	20.04	21.4	0
15	16QAM	1	37	19.98	20.15	20.06	20.01		
15	16QAM	1	74	19.98	20.03	20.08	20.02		
15	16QAM	36	0	20.06	20.01	20.06	19.92	21.4	0
15	16QAM	36	20	20.07	20.06	20.01	20.00		
15	16QAM	36	39	19.90	20.03	19.96	20.12		
15	16QAM	75	0	20.00	20.02	19.91	20.04		
15	64QAM	1	0	20.02	20.10	20.14	20.15	21.4	0
15	64QAM	1	37	19.95	20.08	20.00	20.03		
15	64QAM	1	74	19.95	20.03	19.94	20.07		
15	64QAM	36	0	19.78	19.76	19.86	19.76	21	0.4
15	64QAM	36	20	19.65	19.74	19.71	19.68		
15	64QAM	36	39	19.70	19.64	19.66	19.78		
15	64QAM	75	0	19.77	19.76	19.76	19.81		
15	256QAM	1	0	17.78	17.81	17.73	17.81	19	2.4
15	256QAM	1	37	17.70	17.73	17.76	17.75		
15	256QAM	1	74	17.61	17.69	17.62	17.70		
15	256QAM	36	0	17.70	17.78	17.73	17.72	19	2.4
15	256QAM	36	20	17.72	17.66	17.71	17.66		
15	256QAM	36	39	17.62	17.79	17.68	17.80		
15	256QAM	75	0	17.61	17.85	17.59	17.74		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.18	20.20	20.17	20.25	21.4	0
10	QPSK	1	25	20.03	20.12	20.16	20.08		
10	QPSK	1	49	20.02	20.15	20.14	20.11		
10	QPSK	25	0	20.06	20.14	20.16	20.07	21.4	0
10	QPSK	25	12	20.13	20.07	20.04	20.10		
10	QPSK	25	25	19.99	20.07	20.05	20.20		
10	QPSK	50	0	20.07	20.19	20.06	20.08		
10	16QAM	1	0	20.13	20.07	20.13	20.02	21.4	0
10	16QAM	1	25	20.00	20.08	20.00	20.03		
10	16QAM	1	49	19.98	20.03	20.10	20.05		
10	16QAM	25	0	20.06	19.99	20.03	19.92	21.4	0
10	16QAM	25	12	20.01	20.04	19.93	20.04		
10	16QAM	25	25	19.93	19.98	19.98	20.09		
10	16QAM	50	0	19.95	20.02	19.96	19.99		
10	64QAM	1	0	20.02	20.19	20.13	20.12	21.4	0
10	64QAM	1	25	19.97	19.99	20.05	20.01		
10	64QAM	1	49	19.95	20.01	19.96	20.13		
10	64QAM	25	0	19.83	19.80	19.78	19.78	21	0.4
10	64QAM	25	12	19.65	19.80	19.76	19.68		
10	64QAM	25	25	19.66	19.63	19.74	19.73		
10	64QAM	50	0	19.79	19.81	19.76	19.76		
10	256QAM	1	0	17.72	17.83	17.81	17.87	19	2.4
10	256QAM	1	25	17.69	17.71	17.74	17.66		
10	256QAM	1	49	17.60	17.78	17.71	17.72		
10	256QAM	25	0	17.69	17.74	17.73	17.73	19	2.4
10	256QAM	25	12	17.73	17.66	17.74	17.68		
10	256QAM	25	25	17.61	17.73	17.69	17.77		
10	256QAM	50	0	17.61	17.82	17.70	17.74		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3645	3697.5		
5	QPSK	1	0	20.16	20.22	20.11	20.18	21.4	0
5	QPSK	1	12	20.00	20.13	20.09	20.11		
5	QPSK	1	24	20.13	20.13	20.07	20.16		
5	QPSK	12	0	20.04	20.19	20.08	20.15	21.4	0
5	QPSK	12	7	20.10	20.08	20.13	20.10		
5	QPSK	12	13	20.01	20.06	20.04	20.20		
5	QPSK	25	0	20.14	20.18	20.06	20.11		
5	16QAM	1	0	20.03	20.04	20.12	20.06	21.4	0
5	16QAM	1	12	19.94	20.05	20.08	20.07		
5	16QAM	1	24	19.95	20.06	20.03	19.97		
5	16QAM	12	0	20.01	20.00	20.14	19.95	21.4	0
5	16QAM	12	7	20.10	20.04	19.99	19.99		
5	16QAM	12	13	19.96	19.97	19.96	20.09		
5	16QAM	25	0	19.95	20.04	19.99	20.04		
5	64QAM	1	0	20.01	20.17	20.19	20.15	21.4	0
5	64QAM	1	12	19.93	19.99	20.02	19.97		
5	64QAM	1	24	19.94	19.99	20.00	20.04		
5	64QAM	12	0	19.74	19.84	19.80	19.74	21	0.4
5	64QAM	12	7	19.63	19.75	19.79	19.72		
5	64QAM	12	13	19.75	19.72	19.71	19.75		
5	64QAM	25	0	19.70	19.75	19.69	19.71		
5	256QAM	1	0	17.78	17.83	17.71	17.81	19	2.4
5	256QAM	1	12	17.63	17.70	17.75	17.70		
5	256QAM	1	24	17.60	17.74	17.68	17.70		
5	256QAM	12	0	17.76	17.83	17.80	17.82	19	2.4
5	256QAM	12	7	17.80	17.65	17.75	17.59		
5	256QAM	12	13	17.66	17.75	17.68	17.75		
5	256QAM	25	0	17.59	17.84	17.62	17.65		