Full & Default Power Mode

GSM850 Ant0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.75	31.72	31.68	33.50	22.75	22.72	22.68	24.50
GPRS 1 Tx slot	31.74	31.71	31.67	33.50	22.74	22.71	22.67	24.50
GPRS 2 Tx slots	30.96	30.91	30.88	32.00	24.96	24.91	24.88	26.00
GPRS 3 Tx slots	29.11	29.14	29.12	31.00	24.85	24.88	24.86	26.74
GPRS 4 Tx slots	28.07	28.05	27.96	29.00	25.07	25.05	24.96	26.00
EDGE 1 Tx slot	26.02	25.98	25.92	27.00	17.02	16.98	16.92	18.00
EDGE 2 Tx slots	24.88	24.80	24.78	26.00	18.88	18.80	18.78	20.00
EDGE 3 Tx slots	22.64	22.57	22.58	23.50	18.38	18.31	18.32	19.24
EDGE 4 Tx slots	21.43	21.45	21.33	22.50	18.43	18.45	18.33	19.50

Band		WCDMA V Ant0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.74	22.74	22.63	24.00
3GPP Rel 99	RMC 12.2Kbps	22.78	22.81	22.76	24.00
3GPP Rel 6	HSDPA Subtest-1	21.79	21.82	21.72	23.00
3GPP Rel 6	HSDPA Subtest-2	21.82	21.84	21.73	23.00
3GPP Rel 6	HSDPA Subtest-3	21.29	21.37	21.14	22.50
3GPP Rel 6	HSDPA Subtest-4	21.39	21.39	21.15	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.79	21.87	21.70	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.85	21.75	21.68	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.28	21.34	21.27	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.31	21.34	21.26	22.50
3GPP Rel 6	HSUPA Subtest-1	21.80	21.74	21.69	23.00
3GPP Rel 6	HSUPA Subtest-2	19.83	19.73	19.64	21.00
3GPP Rel 6	HSUPA Subtest-3	20.88	20.80	20.76	22.00
3GPP Rel 6	HSUPA Subtest-4	19.90	19.79	19.76	21.00
3GPP Rel 6	HSUPA Subtest-5	21.79	21.81	21.81	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.45	19.48	19.46	20.50

Band 2 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.32	20.37	20.35	21.5	0
20	QPSK	1	49	20.19	20.36	20.25		
20	QPSK	1	99	20.30	20.30	20.34		
20	QPSK	50	0	19.32	19.39	19.35	20.5	1
20	QPSK	50	24	19.29	19.37	19.23		
20	QPSK	50	50	19.28	19.32	19.26		
20	QPSK	100	0	19.27	19.37	19.36		
20	16QAM	1	0	19.16	19.37	19.29	20.5	1
20	16QAM	1	49	19.23	19.39	19.22		
20	16QAM	1	99	19.30	19.34	19.25		
20	16QAM	50	0	18.26	18.43	18.33	19.5	2
20	16QAM	50	24	18.23	18.36	18.28		
20	16QAM	50	50	18.30	18.29	18.33		
20	16QAM	100	0	18.33	18.37	18.38		
20	64QAM	1	0	18.17	18.40	18.22	19.5	2
20	64QAM	1	49	18.15	18.39	18.29		
20	64QAM	1	99	18.30	18.29	18.22		
20	64QAM	50	0	17.19	17.36	17.33	18.5	3
20	64QAM	50	24	17.21	17.32	17.25		
20	64QAM	50	50	17.32	17.35	17.27		
20	64QAM	100	0	17.23	17.43	17.40		
20	256QAM	1	0	15.22	15.40	15.29	16.5	5
20	256QAM	1	49	15.27	15.31	15.29		
20	256QAM	1	99	15.29	15.29	15.31		
20	256QAM	50	0	15.36	15.40	15.41	16.5	5
20	256QAM	50	24	15.13	15.40	15.36		
20	256QAM	50	50	15.13	15.34	15.22		
20	256QAM	100	0	15.26	15.36	15.20		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.19	20.31	20.24	21.5	0
15	QPSK	1	37	20.06	20.32	20.19		
15	QPSK	1	74	20.26	20.21	20.26		
15	QPSK	36	0	19.24	19.33	19.24	20.5	1
15	QPSK	36	20	19.16	19.30	19.17		
15	QPSK	36	39	19.26	19.22	19.24		
15	QPSK	75	0	19.15	19.27	19.29		
15	16QAM	1	0	19.10	19.26	19.27	20.5	1
15	16QAM	1	37	19.18	19.37	19.11		
15	16QAM	1	74	19.24	19.25	19.14		
15	16QAM	36	0	18.13	18.39	18.20	19.5	2
15	16QAM	36	20	18.13	18.27	18.14		
15	16QAM	36	39	18.18	18.23	18.21		
15	16QAM	75	0	18.29	18.28	18.28		
15	64QAM	1	0	18.07	18.33	18.18	19.5	2
15	64QAM	1	37	18.05	18.30	18.23		
15	64QAM	1	74	18.23	18.20	18.20		
15	64QAM	36	0	17.10	17.30	17.29	18.5	3
15	64QAM	36	20	17.17	17.24	17.20		
15	64QAM	36	39	17.30	17.24	17.13		
15	64QAM	75	0	17.15	17.38	17.35		
15	256QAM	1	0	15.09	15.34	15.27	16.5	5
15	256QAM	1	37	15.14	15.22	15.26		
15	256QAM	1	74	15.15	15.19	15.28		
15	256QAM	36	0	15.22	15.30	15.32	16.5	5
15	256QAM	36	20	15.06	15.37	15.24		
15	256QAM	36	39	15.07	15.21	15.19		
15	256QAM	75	0	15.20	15.30	15.17		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.24	20.29	20.27	21.5	0
10	QPSK	1	25	20.12	20.24	20.15		
10	QPSK	1	49	20.25	20.26	20.25		
10	QPSK	25	0	19.23	19.32	19.25	20.5	1
10	QPSK	25	12	19.24	19.26	19.16		
10	QPSK	25	25	19.16	19.29	19.20		
10	QPSK	50	0	19.23	19.30	19.32		
10	16QAM	1	0	19.05	19.26	19.22	20.5	1
10	16QAM	1	25	19.17	19.30	19.20		
10	16QAM	1	49	19.21	19.26	19.20		
10	16QAM	25	0	18.16	18.34	18.20	19.5	2
10	16QAM	25	12	18.10	18.28	18.19		
10	16QAM	25	25	18.25	18.17	18.24		
10	16QAM	50	0	18.28	18.27	18.28		
10	64QAM	1	0	18.11	18.36	18.16	19.5	2
10	64QAM	1	25	18.03	18.35	18.22		
10	64QAM	1	49	18.27	18.16	18.11		
10	64QAM	25	0	17.07	17.24	17.28	18.5	3
10	64QAM	25	12	17.17	17.20	17.19		
10	64QAM	25	25	17.19	17.24	17.14		
10	64QAM	50	0	17.15	17.33	17.27		
10	256QAM	1	0	15.13	15.29	15.16	16.5	5
10	256QAM	25	0	15.19	15.24	15.21		
10	256QAM	1	49	15.20	15.23	15.26		
10	256QAM	25	0	15.27	15.37	15.33	16.5	5
10	256QAM	25	12	15.09	15.34	15.24		
10	256QAM	25	25	15.01	15.25	15.16		
10	256QAM	50	0	15.18	15.24	15.14		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.24	20.28	20.24	21.5	0
5	QPSK	1	12	20.06	20.29	20.21		
5	QPSK	1	24	20.17	20.19	20.31		
5	QPSK	12	0	19.21	19.29	19.32	20.5	1
5	QPSK	12	7	19.24	19.34	19.11		
5	QPSK	12	13	19.24	19.19	19.15		
5	QPSK	25	0	19.24	19.27	19.26		
5	16QAM	1	0	19.05	19.29	19.17	20.5	1
5	16QAM	1	12	19.15	19.37	19.09		
5	16QAM	1	24	19.22	19.22	19.13		
5	16QAM	12	0	18.13	18.37	18.24	19.5	2
5	16QAM	12	7	18.14	18.30	18.24		
5	16QAM	12	13	18.20	18.27	18.21		
5	16QAM	25	0	18.27	18.32	18.26		
5	64QAM	1	0	18.10	18.34	18.18	19.5	2
5	64QAM	1	12	18.06	18.30	18.21		
5	64QAM	1	24	18.25	18.15	18.19		
5	64QAM	12	0	17.06	17.26	17.20	18.5	3
5	64QAM	12	7	17.14	17.18	17.21		
5	64QAM	12	13	17.24	17.26	17.18		
5	64QAM	25	0	17.14	17.38	17.31		
5	256QAM	1	0	15.08	15.28	15.24	16.5	5
5	256QAM	1	12	15.19	15.19	15.27		
5	256QAM	1	24	15.19	15.19	15.27		
5	256QAM	12	0	15.22	15.38	15.38	16.5	5
5	256QAM	12	7	15.11	15.29	15.33		
5	256QAM	12	13	15.07	15.22	15.20		
5	256QAM	25	0	15.16	15.28	15.10		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.27	20.35	20.26	21.5	0
3	QPSK	1	8	20.17	20.28	20.13		
3	QPSK	1	14	20.20	20.23	20.20		
3	QPSK	8	0	19.24	19.31	19.30	20.5	1
3	QPSK	8	4	19.24	19.32	19.14		
3	QPSK	8	7	19.21	19.23	19.14		
3	QPSK	15	0	19.15	19.28	19.30		
3	16QAM	1	0	19.09	19.24	19.24	20.5	1
3	16QAM	1	8	19.13	19.30	19.08		
3	16QAM	1	14	19.17	19.25	19.22		
3	16QAM	8	0	18.14	18.35	18.24	19.5	2
3	16QAM	8	4	18.20	18.30	18.19		
3	16QAM	8	7	18.17	18.24	18.29		
3	16QAM	15	0	18.22	18.23	18.31		
3	64QAM	1	0	18.04	18.34	18.15	19.5	2
3	64QAM	1	8	18.06	18.28	18.17		
3	64QAM	1	14	18.27	18.20	18.14		
3	64QAM	8	0	17.09	17.28	17.20	18.5	3
3	64QAM	8	4	17.09	17.28	17.12		
3	64QAM	8	7	17.27	17.27	17.22		
3	64QAM	15	0	17.13	17.34	17.32		
3	256QAM	1	0	15.17	15.30	15.20	16.5	5
3	256QAM	1	8	15.16	15.21	15.17		
3	256QAM	1	14	15.18	15.22	15.28		
3	256QAM	8	0	15.32	15.31	15.34	16.5	5
3	256QAM	8	4	15.08	15.28	15.26		
3	256QAM	8	7	15.03	15.29	15.15		
3	256QAM	15	0	15.14	15.25	15.10		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.19	20.28	20.29	21.5	0
1.4	QPSK	1	3	20.15	20.26	20.16		
1.4	QPSK	1	5	20.24	20.26	20.24		
1.4	QPSK	3	0	20.22	20.32	20.29		
1.4	QPSK	3	1	20.15	20.30	20.21		
1.4	QPSK	3	3	20.20	20.20	20.31		
1.4	QPSK	6	0	19.19	19.25	19.29	20.5	1
1.4	16QAM	1	0	19.19	19.27	19.17	20.5	1
1.4	16QAM	1	3	19.21	19.28	19.21		
1.4	16QAM	1	5	19.21	19.23	19.29		
1.4	16QAM	3	0	19.15	19.25	19.21		
1.4	16QAM	3	1	19.16	19.28	19.11		
1.4	16QAM	3	3	19.24	19.24	19.20		
1.4	16QAM	6	0	18.22	18.41	18.28	19.5	2
1.4	64QAM	1	0	18.16	18.29	18.21	19.5	2
1.4	64QAM	1	3	18.23	18.38	18.27		
1.4	64QAM	1	5	18.19	18.24	18.24		
1.4	64QAM	3	0	18.23	18.23	18.28		
1.4	64QAM	3	1	18.31	18.26	18.27		
1.4	64QAM	3	3	18.12	18.28	18.10		
1.4	64QAM	6	0	17.18	17.30	17.22	18.5	3
1.4	256QAM	1	0	15.15	15.34	15.27	16.5	5
1.4	256QAM	1	3	15.17	15.25	15.23		
1.4	256QAM	1	5	15.23	15.17	15.28		
1.4	256QAM	3	0	15.30	15.27	15.38		
1.4	256QAM	3	1	15.06	15.36	15.31		
1.4	256QAM	3	3	15.06	15.23	15.11		
1.4	256QAM	6	0	15.21	15.24	15.13	16.5	5

Band 4 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.28	20.33	20.29	21.5	0
20	QPSK	1	49	20.10	20.31	20.18		
20	QPSK	1	99	20.16	20.25	20.23		
20	QPSK	50	0	19.24	19.32	19.29	20.5	1
20	QPSK	50	24	19.25	19.31	19.14		
20	QPSK	50	50	19.21	19.29	19.23		
20	QPSK	100	0	19.21	19.29	19.26		
20	16QAM	1	0	19.13	19.25	19.22	20.5	1
20	16QAM	1	49	19.17	19.27	19.14		
20	16QAM	1	99	19.19	19.31	19.17		
20	16QAM	50	0	18.23	18.35	18.24	19.5	2
20	16QAM	50	24	18.21	18.30	18.24		
20	16QAM	50	50	18.24	18.25	18.25		
20	16QAM	100	0	18.26	18.35	18.35		
20	64QAM	1	0	18.06	18.38	18.14	19.5	2
20	64QAM	1	49	18.05	18.33	18.20		
20	64QAM	1	99	18.28	18.15	18.19		
20	64QAM	50	0	17.10	17.27	17.30	18.5	3
20	64QAM	50	24	17.10	17.27	17.11		
20	64QAM	50	50	17.21	17.23	17.20		
20	64QAM	100	0	17.13	17.30	17.36		
20	256QAM	1	0	15.09	15.29	15.24	16.5	5
20	256QAM	1	49	15.21	15.19	15.24		
20	256QAM	1	99	15.18	15.16	15.20		
20	256QAM	50	0	15.33	15.31	15.36	16.5	5
20	256QAM	50	24	15.01	15.32	15.28		
20	256QAM	50	50	15.09	15.22	15.09		
20	256QAM	100	0	15.12	15.25	15.10		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.25	20.31	20.30	21.5	0
15	QPSK	1	37	20.12	20.32	20.22		
15	QPSK	1	74	20.19	20.16	20.30		
15	QPSK	36	0	19.28	19.32	19.29	20.5	1
15	QPSK	36	20	19.20	19.26	19.12		
15	QPSK	36	39	19.15	19.29	19.13		
15	QPSK	75	0	19.18	19.23	19.32		
15	16QAM	1	0	19.08	19.25	19.27	20.5	1
15	16QAM	1	37	19.16	19.37	19.11		
15	16QAM	1	74	19.23	19.22	19.23		
15	16QAM	36	0	18.19	18.33	18.27	19.5	2
15	16QAM	36	20	18.16	18.30	18.25		
15	16QAM	36	39	18.24	18.24	18.27		
15	16QAM	75	0	18.27	18.29	18.25		
15	64QAM	1	0	18.13	18.37	18.18	19.5	2
15	64QAM	1	37	18.11	18.36	18.18		
15	64QAM	1	74	18.26	18.25	18.10		
15	64QAM	36	0	17.14	17.32	17.27	18.5	3
15	64QAM	36	20	17.17	17.19	17.22		
15	64QAM	36	39	17.19	17.25	17.24		
15	64QAM	75	0	17.18	17.40	17.34		
15	256QAM	1	0	15.20	15.37	15.21	16.5	5
15	256QAM	1	37	15.21	15.29	15.26		
15	256QAM	1	74	15.20	15.19	15.28		
15	256QAM	36	0	15.33	15.29	15.33	16.5	5
15	256QAM	36	20	15.06	15.35	15.32		
15	256QAM	36	39	15.09	15.31	15.19		
15	256QAM	75	0	15.17	15.28	15.12		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.28	20.25	20.31	21.5	0
10	QPSK	1	25	20.06	20.26	20.17		
10	QPSK	1	49	20.17	20.16	20.29		
10	QPSK	25	0	19.28	19.27	19.27	20.5	1
10	QPSK	25	12	19.25	19.34	19.17		
10	QPSK	25	25	19.18	19.22	19.16		
10	QPSK	50	0	19.16	19.29	19.32		
10	16QAM	1	0	19.06	19.34	19.16	20.5	1
10	16QAM	1	25	19.18	19.26	19.11		
10	16QAM	1	49	19.26	19.29	19.21		
10	16QAM	25	0	18.22	18.29	18.31	19.5	2
10	16QAM	25	12	18.16	18.25	18.22		
10	16QAM	25	25	18.17	18.20	18.31		
10	16QAM	50	0	18.26	18.32	18.34		
10	64QAM	1	0	18.06	18.33	18.19	19.5	2
10	64QAM	1	25	18.06	18.26	18.19		
10	64QAM	1	49	18.19	18.24	18.12		
10	64QAM	25	0	17.10	17.27	17.23	18.5	3
10	64QAM	25	12	17.15	17.26	17.19		
10	64QAM	25	25	17.28	17.22	17.21		
10	64QAM	50	0	17.12	17.36	17.33		
10	256QAM	1	0	15.20	15.38	15.16	16.5	5
10	256QAM	1	25	15.19	15.23	15.27		
10	256QAM	1	49	15.26	15.21	15.29		
10	256QAM	25	0	15.30	15.31	15.31	16.5	5
10	256QAM	25	12	15.00	15.31	15.25		
10	256QAM	25	25	15.03	15.25	15.09		
10	256QAM	50	0	15.22	15.25	15.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.29	20.25	20.25	21.5	0
5	QPSK	1	12	20.05	20.31	20.15		
5	QPSK	1	24	20.26	20.24	20.31		
5	QPSK	12	0	19.22	19.28	19.32	20.5	1
5	QPSK	12	7	19.22	19.30	19.16		
5	QPSK	12	13	19.25	19.25	19.12		
5	QPSK	25	0	19.22	19.27	19.28		
5	16QAM	1	0	19.11	19.34	19.24	20.5	1
5	16QAM	1	12	19.21	19.27	19.14		
5	16QAM	1	24	19.23	19.27	19.21		
5	16QAM	12	0	18.17	18.39	18.24	19.5	2
5	16QAM	12	7	18.21	18.32	18.17		
5	16QAM	12	13	18.25	18.19	18.31		
5	16QAM	25	0	18.25	18.34	18.31		
5	64QAM	1	0	18.05	18.29	18.17	19.5	2
5	64QAM	1	12	18.08	18.32	18.15		
5	64QAM	1	24	18.21	18.19	18.13		
5	64QAM	12	0	17.09	17.24	17.26	18.5	3
5	64QAM	12	7	17.15	17.19	17.12		
5	64QAM	12	13	17.29	17.24	17.23		
5	64QAM	25	0	17.21	17.40	17.30		
5	256QAM	1	0	15.19	15.29	15.22	16.5	5
5	256QAM	1	12	15.21	15.25	15.16		
5	256QAM	1	24	15.20	15.16	15.25		
5	256QAM	12	0	15.33	15.29	15.28	16.5	5
5	256QAM	12	7	15.04	15.31	15.32		
5	256QAM	12	13	15.10	15.31	15.14		
5	256QAM	25	0	15.18	15.29	15.11		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.27	20.29	20.30	21.5	0
3	QPSK	1	8	20.11	20.28	20.22		
3	QPSK	1	14	20.26	20.23	20.25		
3	QPSK	8	0	19.19	19.30	19.30	20.5	1
3	QPSK	8	4	19.26	19.27	19.09		
3	QPSK	8	7	19.15	19.24	19.20		
3	QPSK	15	0	19.15	19.35	19.31		
3	16QAM	1	0	19.10	19.26	19.21	20.5	1
3	16QAM	1	8	19.12	19.29	19.09		
3	16QAM	1	14	19.21	19.21	19.20		
3	16QAM	8	0	18.15	18.29	18.30	19.5	2
3	16QAM	8	4	18.18	18.29	18.20		
3	16QAM	8	7	18.17	18.26	18.29		
3	16QAM	15	0	18.20	18.33	18.35		
3	64QAM	1	0	18.15	18.28	18.10	19.5	2
3	64QAM	1	8	18.13	18.26	18.16		
3	64QAM	1	14	18.27	18.23	18.15		
3	64QAM	8	0	17.07	17.29	17.21	18.5	3
3	64QAM	8	4	17.11	17.26	17.20		
3	64QAM	8	7	17.25	17.32	17.16		
3	64QAM	15	0	17.11	17.36	17.30		
3	256QAM	1	0	15.08	15.34	15.24	16.5	5
3	256QAM	1	8	15.20	15.26	15.26		
3	256QAM	1	14	15.26	15.19	15.25		
3	256QAM	8	0	15.32	15.36	15.33	16.5	5
3	256QAM	8	4	15.04	15.37	15.32		
3	256QAM	8	7	15.02	15.26	15.12		
3	256QAM	15	0	15.16	15.30	15.07		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.16	20.14	20.20	21.5	0
1.4	QPSK	1	3	20.08	20.19	20.02		
1.4	QPSK	1	5	20.18	20.19	20.13		
1.4	QPSK	3	0	20.16	20.27	20.16		
1.4	QPSK	3	1	20.06	20.22	20.12		
1.4	QPSK	3	3	20.06	20.07	20.19		
1.4	QPSK	6	0	19.07	19.21	19.24	20.5	1
1.4	16QAM	1	0	19.13	19.17	19.05	20.5	1
1.4	16QAM	1	3	19.14	19.19	19.15		
1.4	16QAM	1	5	19.16	19.11	19.17		
1.4	16QAM	3	0	19.05	19.21	19.10		
1.4	16QAM	3	1	19.05	19.20	19.05		
1.4	16QAM	3	3	19.18	19.16	19.14		
1.4	16QAM	6	0	18.10	18.28	18.25	19.5	2
1.4	64QAM	1	0	18.14	18.19	18.07	19.5	2
1.4	64QAM	1	3	18.20	18.26	18.18		
1.4	64QAM	1	5	18.08	18.11	18.20		
1.4	64QAM	3	0	18.17	18.09	18.14		
1.4	64QAM	3	1	18.24	18.14	18.20		
1.4	64QAM	3	3	18.02	18.15	18.00		
1.4	64QAM	6	0	17.13	17.24	17.20	18.5	3
1.4	256QAM	1	0	15.10	15.26	15.19	16.5	5
1.4	256QAM	1	3	15.05	15.12	15.10		
1.4	256QAM	1	5	15.10	15.08	15.22		
1.4	256QAM	3	0	15.17	15.18	15.33		
1.4	256QAM	3	1	15.03	15.32	15.18		
1.4	256QAM	3	3	15.02	15.13	15.02		
1.4	256QAM	6	0	15.15	15.21	15.01	16.5	5

Band 5 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.45	22.46	22.43	24	0
10	QPSK	1	25	22.27	22.41	22.34		
10	QPSK	1	49	22.30	22.42	22.39		
10	QPSK	25	0	21.42	21.52	21.47	23	1
10	QPSK	25	12	21.43	21.42	21.32		
10	QPSK	25	25	21.44	21.45	21.44		
10	QPSK	50	0	21.43	21.49	21.48		
10	16QAM	1	0	21.38	21.45	21.46	23	1
10	16QAM	1	25	21.34	21.45	21.

Band 7 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.24	21.27	21.17	22.5	0
20	QPSK	1	49	21.11	21.16	21.09		
20	QPSK	1	99	21.08	21.22	21.17		
20	QPSK	50	0	20.24	20.29	20.26	21.5	1
20	QPSK	50	24	20.24	20.22	20.21		
20	QPSK	50	50	20.24	20.23	20.27		
20	QPSK	100	0	20.26	20.27	20.25		
20	16QAM	1	0	20.26	20.21	20.24	21.5	1
20	16QAM	1	49	20.21	20.22	20.29		
20	16QAM	1	99	20.20	20.24	20.24		
20	16QAM	50	0	19.24	19.35	19.17	20.5	2
20	16QAM	50	24	19.20	19.29	19.30		
20	16QAM	50	50	19.25	19.28	19.20		
20	16QAM	100	0	19.29	19.32	19.29		
20	64QAM	1	0	19.08	19.34	19.08	20.5	2
20	64QAM	1	49	19.06	19.38	19.21		
20	64QAM	1	99	19.26	19.07	19.22		
20	64QAM	50	0	18.02	18.34	18.29	19.5	3
20	64QAM	50	24	18.09	18.31	18.15		
20	64QAM	50	50	18.25	18.20	18.09		
20	64QAM	100	0	18.18	18.38	18.46		
20	256QAM	1	0	16.05	16.28	16.27	17.5	5
20	256QAM	1	49	16.15	16.14	16.22		
20	256QAM	1	99	16.23	16.16	16.30		
20	256QAM	50	0	16.34	16.41	16.36	17.5	5
20	256QAM	50	24	16.00	16.22	16.28		
20	256QAM	50	50	16.08	16.18	16.09		
20	256QAM	100	0	16.09	16.19	16.08		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.19	21.15	21.13	22.5	0
15	QPSK	1	37	21.00	21.14	21.05		
15	QPSK	1	74	20.98	21.15	21.15		
15	QPSK	36	0	20.13	20.18	20.17	21.5	1
15	QPSK	36	20	20.22	20.20	20.13		
15	QPSK	36	39	20.14	20.19	20.14		
15	QPSK	75	0	20.12	20.19	20.21		
15	16QAM	1	0	20.21	20.15	20.19	21.5	1
15	16QAM	1	37	20.20	20.22	20.22		
15	16QAM	1	74	20.11	20.19	20.21		
15	16QAM	36	0	19.22	19.29	19.13	20.5	2
15	16QAM	36	20	19.11	19.14	19.28		
15	16QAM	36	39	19.28	19.25	19.15		
15	16QAM	75	0	19.18	19.26	19.30		
15	64QAM	1	0	19.00	19.31	19.04	20.5	2
15	64QAM	1	37	19.04	19.36	19.11		
15	64QAM	1	74	19.18	19.00	19.17		
15	64QAM	36	0	17.95	18.29	18.18	19.5	3
15	64QAM	36	20	18.02	18.25	17.98		
15	64QAM	36	39	18.13	18.20	18.13		
15	64QAM	75	0	18.01	18.29	18.36		
15	256QAM	1	0	16.04	16.17	16.20	17.5	5
15	256QAM	1	37	16.07	16.11	16.21		
15	256QAM	1	74	16.14	16.06	16.14		
15	256QAM	36	0	16.34	16.29	16.25	17.5	5
15	256QAM	36	20	15.97	16.17	16.23		
15	256QAM	36	39	16.02	16.23	16.00		
15	256QAM	75	0	16.08	16.14	16.06		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.21	21.21	21.19	22.5	0
10	QPSK	1	25	21.02	21.17	21.03		
10	QPSK	1	49	20.99	21.13	21.16		
10	QPSK	25	0	20.11	20.20	20.12	21.5	1
10	QPSK	25	12	20.14	20.17	20.12		
10	QPSK	25	25	20.17	20.19	20.21		
10	QPSK	50	0	20.13	20.19	20.13		
10	16QAM	1	0	20.22	20.19	20.12	21.5	1
10	16QAM	1	25	20.12	20.22	20.16		
10	16QAM	1	49	20.16	20.18	20.13		
10	16QAM	25	0	19.24	19.19	19.06	20.5	2
10	16QAM	25	12	19.08	19.17	19.26		
10	16QAM	25	25	19.27	19.21	19.19		
10	16QAM	50	0	19.24	19.27	19.30		
10	64QAM	1	0	19.09	19.31	19.10	20.5	2
10	64QAM	1	25	19.02	19.35	19.15		
10	64QAM	1	49	19.25	19.02	19.22		
10	64QAM	25	0	18.05	18.29	18.19	19.5	3
10	64QAM	25	12	18.09	18.23	18.02		
10	64QAM	25	25	18.15	18.10	18.08		
10	64QAM	50	0	18.09	18.25	18.32		
10	256QAM	1	0	16.06	16.25	16.27	17.5	5
10	256QAM	1	25	16.07	16.13	16.24		
10	256QAM	1	49	16.18	15.99	16.23		
10	256QAM	25	0	16.27	16.28	16.31	17.5	5
10	256QAM	25	12	15.95	16.16	16.25		
10	256QAM	25	25	15.94	16.13	15.92		
10	256QAM	50	0	16.03	16.15	16.02		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.17	21.19	21.12	22.5	0
5	QPSK	1	12	21.04	21.15	21.03		
5	QPSK	1	24	21.08	21.13	21.18		
5	QPSK	12	0	20.21	20.18	20.17	21.5	1
5	QPSK	12	7	20.23	20.19	20.21		
5	QPSK	12	13	20.15	20.17	20.20		
5	QPSK	25	0	20.17	20.16	20.16		
5	16QAM	1	0	20.19	20.11	20.16	21.5	1
5	16QAM	1	12	20.15	20.20	20.20		
5	16QAM	1	24	20.18	20.12	20.14		
5	16QAM	12	0	19.19	19.29	19.08	20.5	2
5	16QAM	12	7	19.09	19.21	19.21		
5	16QAM	12	13	19.21	19.23	19.09		
5	16QAM	25	0	19.21	19.20	19.21		
5	64QAM	1	0	18.99	19.27	19.07	20.5	2
5	64QAM	1	12	18.97	19.30	19.18		
5	64QAM	1	24	19.23	19.09	19.20		
5	64QAM	12	0	17.96	18.25	18.18	19.5	3
5	64QAM	12	7	18.10	18.20	18.03		
5	64QAM	12	13	18.10	18.16	18.03		
5	64QAM	25	0	18.01	18.27	18.35		
5	256QAM	1	0	15.98	16.24	16.16	17.5	5
5	256QAM	1	12	16.06	16.17	16.25		
5	256QAM	1	24	16.13	16.10	16.13		
5	256QAM	12	0	16.26	16.25	16.30	17.5	5
5	256QAM	12	7	16.00	16.23	16.26		
5	256QAM	12	13	16.00	16.14	16.02		
5	256QAM	25	0	16.05	16.08	16.00		

Band 12 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.47	22.51	22.50	24	0
10	QPSK	1	25	22.35	22.39	22.32		
10	QPSK	1	49	22.30	22.50	22.47		
10	QPSK	25	0	21.40	21.50	21.45	23	1
10	QPSK	25	12	21.42	21.49	21.33		
10	QPSK	25	25	21.46	21.47	21.46		
10	QPSK	50	0	21.44	21.47	21.45		
10	16QAM	1	0	21.38	21.51	21.48	23	1
10	16QAM	1	25	21.31	21.44	21.42		
10	16QAM	1	49	21.40	21.57	21.44		
10	16QAM	25	0	20.47	20.52	20.41	22	2
10	16QAM	25	12	20.37	20.52	20.53		
10	16QAM	25	25	20.56	20.48	20.44		
10	16QAM	50	0	20.55	20.49	20.60		
10	64QAM	1	0	20.28	20.56	20.35	22	2
10	64QAM	1	25	20.33	20.58	20.48		
10	64QAM	1	49	20.54	20.36	20.49		
10	64QAM	25	0	19.23	19.58	19.44	21	3
10	64QAM	25	12	19.40	19.52	19.36		
10	64QAM	25	25	19.42	19.44	19.41		
10	64QAM	50	0	19.32	19.59	19.66		
10	256QAM	1	0	17.29	17.52	17.54	19	5
10	256QAM	1	25	17.41	17.41	17.48		
10	256QAM	1	49	17.44	17.30	17.49		
10	256QAM	25	0	17.62	17.64	17.53	19	5
10	256QAM	25	12	17.22	17.46	17.57		
10	256QAM	25	25	17.26	17.47	17.25		
10	256QAM	50	0	17.34	17.48	17.28		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.46	22.41	22.39	24	0
5	QPSK	1	12	22.25	22.36	22.33		
5	QPSK	1	24	22.22	22.33	22.29		
5	QPSK	12	0	21.36	21.42	21.42	23	1
5	QPSK	12	7	21.37	21.40	21.27		
5	QPSK	12	13	21.36	21.45	21.35		
5	QPSK	25	0	21.43	21.33	21.41		
5	16QAM	1	0	21.37	21.40	21.46	23	1
5	16QAM	1	12	21.28	21.36	21.32		
5	16QAM	1	24	21.35	21.53	21.32		
5	16QAM	12	0	20.40	20.41	20.37	22	2
5	16QAM	12	7	20.27	20.41	20.41		
5	16QAM	12	13	20.49	20.49	20.34		
5	16QAM	25	0	20.45	20.52	20.51		
5	64QAM	1	0	20.25	20.47	20.30	22	2
5	64QAM	1	12	20.18	20.54	20.41		
5	64QAM	1	24	20.44	20.27	20.40		
5	64QAM	12	0	19.20	19.48	19.41	21	3
5	64QAM	12	7	19.29	19.49	19.24		
5	64QAM	12	13	19.32	19.43	19.33		
5	64QAM	25	0	19.25	19.56	19.55		
5	256QAM	1	0	17.29	17.48	17.49	19	5
5	256QAM	1	12	17.34	17.35	17.46		
5	256QAM	1	24	17.42	17.28	17.38		
5	256QAM	12	0	17.55	17.47	17.52	19	5
5	256QAM	12	7	17.21	17.45	17.45		
5	256QAM	12	13	17.25	17.36	17.25		
5	256QAM	25	0	17.24	17.34	17.22		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.43	22.46	22.44	24	0
3	QPSK	1	8	22.19	22.40	22.28		
3	QPSK	1	14	22.29	22.38	22.34		
3	QPSK	8	0	21.35	21.42	21.44	23	1
3	QPSK	8	4	21.44	21.36	21.31		
3	QPSK	8	7	21.36	21.39	21.44		
3	QPSK	15	0	21.43	21.34	21.40		
3	16QAM	1	0	21.39	21.38	21.38	23	1
3	16QAM	1	8	21.36	21.36	21.28		
3	16QAM	1	14	21.36	21.53	21.36		
3	16QAM	8	0	20.40	20.44	20.30	22	2
3	16QAM	8	4	20.35	20.46	20.52		
3	16QAM	8	7	20.44	20.46	20.38		
3	16QAM	15	0	20.42	20.46	20.47		
3	64QAM	1	0	20.26	20.53	20.30	22	2
3	64QAM	1	8	20.20	20.54	20.38		
3	64QAM	1	14	20.47	20.32	20.37		
3	64QAM	8	0	19.22	19.41	19.41	21	3
3	64QAM	8	4	19.25	19.48	19.26		
3	64QAM	8	7	19.39	19.35	19.36		
3	64QAM	15	0	19.30	19.46	19.62		
3	256QAM	1	0	17.25	17.47	17.44	19	5
3	256QAM	1	8	17.27	17.31	17.39		
3	256QAM	1	14	17.33	17.28	17.39		
3	256QAM	8	0	17.53	17.50	17.54	19	5
3	256QAM	8	4	17.23	17.38	17.51		
3	256QAM	8	7	17.26	17.39	17.17		
3	256QAM	15	0	17.26	17.33	17.25		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.37	22.30	22.34	24	0
1.4	QPSK	1	3	22.23	22.32	22.19		
1.4	QPSK	1	5	22.31	22.28	22.23		
1.4	QPSK	3	0	22.28	22.37	22.25		
1.4	QPSK	3	1	22.25	22.43	22.27		
1.4	QPSK	3	3	22.16	22.26	22.33		
1.4	QPSK	6	0	21.23	21.38	21.35	23	1
1.4	16QAM	1	0	21.22	21.30	21.24	23	1
1.4	16QAM	1	3	21.24	21.37	21.32		
1.4	16QAM	1	5	21.29	21.27	21.32		
1.4	16QAM	3	0	21.22	21.31	21.30		
1.4	16QAM	3	1	21.23	21.34	21.24		
1.4	16QAM	3	3	21.28	21.28	21.34		
1.4	16QAM	6	0	20.28	20.40	20.39	22	2
1.4	64QAM	1	0	20.27	20.34	20.27	22	2
1.4	64QAM	1	3	20.31	20.36	20.35		
1.4	64QAM	1	5	20.26	20.29	20.36		
1.4	64QAM	3	0	20.37	20.21	20.29		
1.4	64QAM	3	1	20.34	20.23	20.38		
1.4	64QAM	3	3	20.17	20.29	20.14		
1.4	64QAM	6	0	19.25	19.42	19.38	21	3
1.4	256QAM	1	0	17.19	17.42	17.38	19	5
1.4	256QAM	1	3	17.23	17.24	17.22		
1.4	256QAM	1	5	17.31	17.25	17.40		
1.4	256QAM	3	0	17.29	17.39	17.44		
1.4	256QAM	3	1	17.19	17.50	17.31		
1.4	256QAM	3	3	17.13	17.24	17.11		
1.4	256QAM	6	0	17.32	17.34	17.10	19	5

Band 13 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.47		24	0
10	QPSK	1	25		22.37			
10	QPSK	1	49		22.40			
10	QPSK	25	0		21.45		23	1
10	QPSK	25	12		21.44			
10	QPSK	25	25		21.44			
10	QPSK	50	0		21.42			
10	16QAM	1	0		21.50		23	1
10	16QAM	1	25		21.45			
10	16QAM	1	49		21.59			
10	16QAM	25	0		20.55		22	2
10	16QAM	25	12		20.44			
10	16QAM	25	25		20.53			
10	16QAM	50	0		20.54			
10	64QAM	1	0		20.59		22	2
10	64QAM	1	25		20.54			
10	64QAM	1	49		20.31			
10	64QAM	25	0		19.51		21	3
10	64QAM	25	12		19.54			
10	64QAM	25	25		19.36			
10	64QAM	50	0		19.53			
10	256QAM	1	0		17.51		19	5
10	256QAM	1	25		17.43			
10	256QAM	1	49		17.27			
10	256QAM	25	0		17.56		19	5
10	256QAM	25	12		17.44			
10	256QAM	25	25		17.39			
10	256QAM	50	0		17.42			
Channel					23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					779.5	782	784.5		
5	QPSK	1	0		22.42	22.43	22.46	24	0
5	QPSK	1	12		22.25	22.45	22.32		
5	QPSK	1	24		22.29	22.36	22.45		
5	QPSK	12	0		21.44	21.46	21.48	23	1
5	QPSK	12	7		21.43	21.45	21.32		
5	QPSK	12	13		21.49	21.47	21.44		
5	QPSK	25	0		21.45	21.47	21.45		
5	16QAM	1	0		21.32	21.46	21.45	23	1
5	16QAM	1	12		21.39	21.43	21.40		
5	16QAM	1	24		21.40	21.61	21.35		
5	16QAM	12	0		20.50	20.46	20.39	22	2
5	16QAM	12	7		20.36	20.48	20.52		
5	16QAM	12	13		20.53	20.42	20.37		
5	16QAM	25	0		20.46	20.48	20.51		
5	64QAM	1	0		20.26	20.53	20.36	22	2
5	64QAM	1	12		20.24	20.53	20.39		
5	64QAM	1	24		20.50	20.33	20.42		
5	64QAM	12	0		19.26	19.46	19.48	21	3
5	64QAM	12	7		19.33	19.44	19.30		
5	64QAM	12	13		19.21	19.43	19.29		
5	64QAM	25	0		19.27	19.58	19.54		
5	256QAM	1	0		17.25	17.47	17.42	19	5
5	256QAM	1	12		17.30	17.41	17.46		
5	256QAM	1	24		17.45	17.27	17.45		
5	256QAM	12	0		17.51	17.55	17.49	19	5
5	256QAM	12	7		17.25	17.44	17.56		
5	256QAM	12	13		17.21	17.43	17.22		
5	256QAM	25	0		17.33	17.38	17.26		

Band 17 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.49	22.50	22.43		
10	QPSK	1	25	22.33	22.43	22.35	24	0
10	QPSK	1	49	22.33	22.42	22.38		
10	QPSK	25	0	21.46	21.50	21.45		
10	QPSK	25	12	21.40	21.49	21.36	23	1
10	QPSK	25	25	21.45	21.43	21.40		
10	QPSK	50	0	21.42	21.50	21.43		
10	16QAM	1	0	21.36	21.44	21.47		
10	16QAM	1	25	21.38	21.54	21.35	23	1
10	16QAM	1	49	21.41	21.57	21.40		
10	16QAM	25	0	20.45	20.56	20.41		
10	16QAM	25	12	20.42	20.50	20.59	22	2
10	16QAM	25	25	20.47	20.45	20.50		
10	16QAM	50	0	20.51	20.61	20.62		
10	64QAM	1	0	20.36	20.56	20.41		
10	64QAM	1	25	20.29	20.59	20.44	22	2
10	64QAM	1	49	20.46	20.38	20.43		
10	64QAM	25	0	19.25	19.51	19.54		
10	64QAM	25	12	19.39	19.50	19.34	21	3
10	64QAM	25	25	19.51	19.39	19.37		
10	64QAM	50	0	19.40	19.62	19.59		
10	256QAM	1	0	17.33	17.47	17.54		
10	256QAM	1	25	17.44	17.45	17.50	19	5
10	256QAM	1	49	17.49	17.38	17.50		
10	256QAM	25	0	17.56	17.62	17.60		
10	256QAM	25	12	17.33	17.54	17.53	19	5
10	256QAM	25	25	17.31	17.43	17.21		
10	256QAM	50	0	17.37	17.39	17.31		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.41	22.46	22.33		
5	QPSK	1	12	22.25	22.35	22.31	24	0
5	QPSK	1	24	22.26	22.33	22.35		
5	QPSK	12	0	21.42	21.41	21.44		
5	QPSK	12	7	21.37	21.33	21.25	23	1
5	QPSK	12	13	21.40	21.38	21.43		
5	QPSK	25	0	21.37	21.43	21.37		
5	16QAM	1	0	21.31	21.42	21.42		
5	16QAM	1	12	21.34	21.44	21.34	23	1
5	16QAM	1	24	21.36	21.49	21.35		
5	16QAM	12	0	20.44	20.48	20.33		
5	16QAM	12	7	20.33	20.41	20.48	22	2
5	16QAM	12	13	20.42	20.43	20.32		
5	16QAM	25	0	20.47	20.46	20.52		
5	64QAM	1	0	20.26	20.54	20.29		
5	64QAM	1	12	20.23	20.54	20.39	22	2
5	64QAM	1	24	20.38	20.22	20.37		
5	64QAM	12	0	19.28	19.43	19.37		
5	64QAM	12	7	19.33	19.43	19.26	21	3
5	64QAM	12	13	19.36	19.39	19.35		
5	64QAM	25	0	19.24	19.56	19.60		
5	256QAM	1	0	17.23	17.49	17.48		
5	256QAM	1	12	17.37	17.33	17.37	19	5
5	256QAM	1	24	17.40	17.25	17.45		
5	256QAM	12	0	17.54	17.55	17.55		
5	256QAM	12	7	17.25	17.48	17.50	19	5
5	256QAM	12	13	17.22	17.43	17.18		
5	256QAM	25	0	17.25	17.38	17.30		

Band 26 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.44	22.52	22.44		
15	QPSK	1	37	22.29	22.36	22.34	24	0
15	QPSK	1	74	22.33	22.47	22.44		
15	QPSK	36	0	21.40	21.51	21.43		
15	QPSK	36	20	21.39	21.42	21.27	23	1
15	QPSK	36	39	21.39	21.40	21.38		
15	QPSK	75	0	21.40	21.47	21.45		
15	16QAM	1	0	21.34	21.43	21.50		
15	16QAM	1	37	21.38	21.51	21.30	23	1
15	16QAM	1	74	21.35	21.57	21.40		
15	16QAM	36	0	20.48	20.56	20.35		
15	16QAM	36	20	20.40	20.50	20.53	22	2
15	16QAM	36	39	20.55	20.42	20.42		
15	16QAM	75	0	20.51	20.57	20.53		
15	64QAM	1	0	20.34	20.53	20.29		
15	64QAM	1	37	20.23	20.58	20.45	22	2
15	64QAM	1	74	20.52	20.26	20.48		
15	64QAM	36	0	19.30	19.55	19.51		
15	64QAM	36	20	19.34	19.50	19.34	21	3
15	64QAM	36	39	19.37	19.35	19.30		
15	64QAM	75	0	19.35	19.60	19.55		
15	256QAM	1	0	17.25	17.47	17.53		
15	256QAM	1	37	17.31	17.44	17.50	19	5
15	256QAM	1	74	17.38	17.29	17.48		
15	256QAM	36	0	17.58	17.53	17.50		
15	256QAM	36	20	17.19	17.48	17.47	19	5
15	256QAM	36	39	17.24	17.41	17.17		
15	256QAM	75	0	17.36	17.45	17.31		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.42	22.47	22.39		
10	QPSK	1	25	22.23	22.43	22.25	24	0
10	QPSK	1	49	22.32	22.37	22.34		
10	QPSK	25	0	21.34	21.41	21.42		
10	QPSK	25	12	21.37	21.42	21.23	23	1
10	QPSK	25	25	21.41	21.39	21.45		
10	QPSK	50	0	21.43	21.43	21.44		
10	16QAM	1	0	21.33	21.38	21.46		
10	16QAM	1	25	21.27	21.44	21.34	23	1
10	16QAM	1	49	21.31	21.56	21.32		
10	16QAM	25	0	20.42	20.50	20.34		
10	16QAM	25	12	20.33	20.35	20.43	22	2
10	16QAM	25	25	20.49	20.43	20.40		
10	16QAM	50	0	20.46	20.51	20.55		
10	64QAM	1	0	20.33	20.49	20.31		
10	64QAM	1	25	20.24	20.57	20.34	22	2
10	64QAM	1	49	20.49	20.27	20.39		
10	64QAM	25	0	19.26	19.46	19.39		
10	64QAM	25	12	19.34	19.42	19.29	21	3
10	64QAM	25	25	19.36	19.39	19.36		
10	64QAM	50	0	19.23	19.53	19.55		
10	256QAM	1	0	17.27	17.44	17.41		
10	256QAM	1	25	17.31	17.49	17.45	19	5
10	256QAM	1	49	17.38	17.34	17.46		
10	256QAM	25	0	17.47	17.48	17.55		
10	256QAM	25	12	17.27	17.40	17.49	19	5
10	256QAM	25	25	17.27	17.35	17.14		
10	256QAM	50	0	17.29	17.34	17.25		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.40	22.40	22.42		
5	QPSK	1	12	22.22	22.35	22.36	24	0
5	QPSK	1	24	22.23	22.34	22.38		
5	QPSK	12	0	21.39	21.37	21.40		
5	QPSK	12	7	21.41	21.43	21.30	23	1
5	QPSK	12	13	21.34	21.36	21.34		
5	QPSK	25	0	21.45	21.43	21.41		
5	16QAM	1	0	21.37	21.45	21.36		
5	16QAM	1	12	21.27	21.38	21.30	23	1
5	16QAM	1	24	21.38	21.50	21.34		
5	16QAM	12	0	20.48	20.46	20.38		
5	16QAM	12	7	20.28	20.41	20.49	22	2
5	16QAM	12	13	20.40	20.39	20.37		
5	16QAM	25	0	20.44	20.51	20.46		
5	64QAM	1	0	20.26	20.56	20.27		
5	64QAM	1	12	20.19	20.55	20.32	22	2
5	64QAM	1	24	20.48	20.28	20.45		
5	64QAM	12	0	19.18	19.47	19.40		
5	64QAM	12	7	19.25	19.46	19.32	21	3
5	64QAM	12	13	19.32	19.33	19.27		
5	64QAM	25	0	19.29	19.52	19.60		
5	256QAM	1	0	17.26	17.40	17.44		
5	256QAM	1	12	17.31	17.31	17.42	19	5
5	256QAM	1	24	17.39	17.33	17.39		
5	256QAM	12	0	17.57	17.54	17.51		
5	256QAM	12	7	17.17	17.47	17.50	19	5
5	256QAM	12	13	17.24	17.37	17.17		
5	256QAM	25	0	17.23	17.39	17.25		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.40	22.39	22.37		
3	QPSK	1	8	22.19	22.34	22.34	24	0
3	QPSK	1	14	22.21	22.44	22.32		
3	QPSK	8	0	21.34	21.34	21.36		
3	QPSK	8	4	21.44	21.43	21.26	23	1
3	QPSK	8	7	21.35	21.39	21.38		
3	QPSK	15	0	21.33	21.38	21.43		
3	16QAM	1	0	21.29	21.47	21.47		
3	16QAM	1	8	21.28	21.46	21.34	23	1
3	16QAM	1	14	21.34	21.54	21.32		
3	16QAM	8	0	20.45	20.52	20.38		
3	16QAM	8	4	20.37	20.38	20.47	22	2
3	16QAM	8	7	20.49	20.44	20.35		
3	16QAM	15	0	20.45	20.50	20.47		
3	64QAM	1	0	20.33	20.56	20.29		
3	64QAM	1	8	20.21	20.49	20.38	22	2
3	64QAM	1	14	20.46	20.26	20.36		
3	64QAM	8	0	19.25	19.49	19.41		
3	64QAM	8	4	19.31	19.41	19.22	21	3
3	64QAM	8	7	19.39	19.39	19.35		
3	64QAM	15	0	19.32	19.51	19.50		
3	256QAM	1	0	17.23	17.41	17.48		
3	256QAM	1	8	17.37	17.40	17.48	19	5
3	256QAM	1	14	17.41	17.26	17.47		
3	256QAM	8	0	17.58	17.46	17.46		
3	256QAM	8	4	17.26	17.38	17.50	19	5
3	256QAM	8	7	17.16	17.37	17.24		
3	256QAM	15	0	17.27	17.41	17.22		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.36	22.27	22.39		
1.4	QPSK	1	3	22.18	22.39	22.17		
1.4	QPSK	1	5	22.32	22.38	22.30	24	0
1.4	QPSK	3	0	22.37	22.42	22.32		
1.4	QPSK	3	1	22.27	22.38	22.27		
1.4	QPSK	3	3	22.20	22.26	22.29		
1.4	QPSK	6	0	21.26	21.41	21.39	23	1
1.4	16QAM	1	0	21.27	21.37	21.21		
1.4	16QAM	1	3	21.30	21.28	21.30		
1.4	16QAM	1	5	21.30	21.31	21.29	23	1
1.4	16QAM	3	0	21.15	21.39	21.24		
1.4	16QAM	3	1	21.20	21.32	21.18		
1.4	16QAM	3	3	21.32	21.33	21.29		
1.4	16QAM	6	0	20.21	20.44	20.45	22	2
1.4	64QAM	1	0	20.30	20.37	20.19		
1.4	64QAM	1	3	20.32	20.40	20.38		
1.4	64QAM	1	5	20.25	20.22	20.36	22	2
1.4	64QAM	3	0	20.37	20.18	20.35		
1.4	64QAM	3	1	20.36	20.25	20.31		
1.4	64QAM	3	3	20.20	20.33	20.10		
1.4	64QAM	6	0	19.28	19.37	19.38	21	3
1.4	256QAM	1	0	17.20	17.42	17.37		
1.4	256QAM	1	3	17.20	17.27	17.22		
1.4	256QAM	1	5	17.26	17.25	17.43	19	5
1.4	256QAM	3	0	17.35	17.36	17.47		
1.4	256QAM	3	1	17.23	17.42	17.28		
1.4	256QAM	3	3	17.20	17.30	17.21		
1.4	256QAM	6	0	17.35	17.34	17.12	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.28	20.37	20.33		
20	QPSK	1	49	20.17	20.32	20.15	21.5	0
20	QPSK	1	99	20.16	20.32	20.22		
20	QPSK	50	0	19.31	19.35	19.31		
20	QPSK	50	24	19.23	19.31	19.23	20.5	1
20	QPSK	50	50	19.18	19.28	19.28		
20	QPSK	100	0	19.24	19.33	19.31		
20	16QAM	1	0	19.13	19.26	19.24		
20	16QAM	1	49	19.15	19.27	19.12	20.5	1
20	16QAM	1	99	19.20	19.32	19.24		
20	16QAM	50	0	18.21	18.38	18.22		
20	16QAM	50	24	18.19	18.37	18.28	19.5	2
20	16QAM	50	50	18.23	18.27	18.22		
20	16QAM	100	0	18.31	18.42	18.35		
20	64QAM	1	0	18.04	18.45	18.18		
20	64QAM	1	49	18.03	18.34	18.20	19.5	2
20	64QAM	1	99	18.36	18.16	18.17		
20	64QAM	50	0	17.11	17.25	17.32		
20	64QAM	50	24	17.10	17.31	17.18	18.5	3
20	64QAM	50	50	17.22	17.20	17.21		
20	64QAM	100	0	17.17	17.32	17.39		
20	256QAM	1	0	15.07	15.30	15.21		
20	256QAM	1	49	15.24	15.26	15.33	16.5	5
20	256QAM	1	99	15.23	15.22	15.21		
20	256QAM	50	0	15.39	15.39	15.36		
20	256QAM	50	24	15.08	15.39	15.32	16.5	5
20	256QAM	50	50	15.13	15.25	15.11		
20	256QAM	100	0	15.12	15.28	15.11		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.29	20.34	20.31		
15	QPSK	1	37	20.14	20.34	20.21	21.5	0
15	QPSK	1	74	20.16	20.25	20.26		
15	QPSK	36	0	19.21	19.32	19.27		
15	QPSK	36	20	19.24	19.40	19.14	20.5	1
15	QPSK	36	39	19.20	19.27	19.24		
15	QPSK	75	0	19.21	19.28	19.30		
15	16QAM	1	0	19.17	19.27	19.28		
15	16QAM	1	37	19.21	19.33	19.15	20.5	1
15	16QAM	1	74	19.19	19.34	19.18		
15	16QAM	36	0	18.22	18.42	18.27		
15	16QAM	36	20	18.23	18.37	18.24	19.5	2
15	16QAM	36	39	18.31	18.24	18.29		
15	16QAM	75	0	18.26	18.38	18.37		
15	64QAM	1	0	18.12	18.45	18.15		
15	64QAM	1	37	18.11	18.36	18.17	19.5	2
15	64QAM	1	74	18.26	18.13	18.24		
15	64QAM	36	0	17.16	17.29	17.33		
15	64QAM	36	20	17.06	17.30	17.14	18.5	3
15	64QAM	36	39	17.25	17.22	17.22		
15	64QAM	75	0	17.12	17.33	17.34		
15	256QAM	1	0	15.14	15.29	15.32		
15	256QAM	1	37	15.19	15.16	15.30	16.5	5
15	256QAM	1	74	15.25	15.14	15.28		
15	256QAM	36	0	15.36	15.30	15.33		
15	256QAM	36	20	15.05	15.33	15.33	16.5	5
15	256QAM	36	39	15.06	15.20	15.15		
15	256QAM	75	0	15.21	15.29	15.09		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.32	20.36	20.36		
10	QPSK	1	25	20.07	20.29	20.21	21.5	0
10	QPSK	1	49	20.14	20.33	20.24		
10	QPSK	25	0	19.22	19.31	19.34		
10	QPSK	25	12	19.26	19.34	19.15	20.5	1
10	QPSK	25	25	19.24	19.29	19.23		
10	QPSK	50	0	19.23	19.28	19.24		
10	16QAM	1	0	19.16	19.28	19.21		
10	16QAM	1	25	19.18	19.27	19.16	20.5	1
10	16QAM	1	49	19.16	19.38	19.21		
10	16QAM	25	0	18.32	18.35	18.21		
10	16QAM	25	12	18.20	18.29	18.21	19.5	2
10	16QAM	25	25	18.29	18.24	18.33		
10	16QAM	50	0	18.24	18.37	18.44		
10	64QAM	1	0	18.11	18.43	18.22		
10	64QAM	1	25	18.06	18.35	18.20	19.5	2
10	64QAM	1	49	18.34	18.23	18.17		
10	64QAM	25	0	17.16	17.30	17.35		
10	64QAM	25	12	17.17	17.28	17.11	18.5	3
10	64QAM	25	25	17.22	17.22	17.21		
10	64QAM	50	0	17.11	17.30	17.39		
10	256QAM	1	0	15.09	15.32	15.29		
10	256QAM	1	25	15.26	15.23	15.33	16.5	5
10	256QAM	1	49	15.18	15.16	15.22		
10	256QAM	25	0	15.34	15.38	15.36		
10	256QAM	25	12	15.05	15.29	15.34	16.5	5
10	256QAM	25	25	15.13	15.21	15.10		
10	256QAM	50	0	15.13	15.32	15.17		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.33	20.33	20.35		
5	QPSK	1	12	20.10	20.35	20.20	21.5	0
5	QPSK	1	24	20.20	20.33	20.26		
5	QPSK	12	0	19.25	19.40	19.28		
5	QPSK	12	7	19.31	19.39	19.17	20.5	1
5	QPSK	12	13	19.23	19.36	19.22		
5	QPSK	25	0	19.23	19.30	19.28		
5	16QAM	1	0	19.18	19.25	19.24		
5	16QAM	1	12	19.26	19.28	19.17	20.5	1
5	16QAM	1	24	19.16	19.34	19.22		
5	16QAM	12	0	18.25	18.38	18.29		
5	16QAM	12	7	18.21	18.34	18.28	19.5	2
5	16QAM	12	13	18.30	18.29	18.24		
5	16QAM	25	0	18.29	18.36	18.34		
5	64QAM	1	0	18.07	18.42	18.20		
5	64QAM	1	12	18.12	18.37	18.19	19.5	2
5	64QAM	1	24	18.32	18.17	18.19		
5	64QAM	12	0	17.18	17.30	17.31		
5	64QAM	12	7	17.08	17.25	17.13	18.5	3
5	64QAM	12	13	17.28	17.21	17.28		
5	64QAM	25	0	17.22	17.27	17.42		
5	256QAM	1	0	15.13	15.32	15.33		
5	256QAM	1	12	15.19	15.18	15.25	16.5	5
5	256QAM	1	24	15.23	15.18	15.23		
5	256QAM	12	0	15.36	15.39	15.43		
5	256QAM	12	7	15.06	15.39	15.33	16.5	5
5	256QAM	12	13	15.10	15.30	15.14		
5	256QAM	25	0	15.19	15.31	15.16		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.34	20.34	20.28		
3	QPSK	1	8	20.12	20.34	20.21	21.5	0
3	QPSK	1	14	20.17	20.32	20.22		
3	QPSK	8	0	19.23	19.41	19.28		
3	QPSK	8	4	19.30	19.32	19.20	20.5	1
3	QPSK	8	7	19.28	19.31	19.26		
3	QPSK	15	0	19.25	19.30	19.32		
3	16QAM	1	0	19.12	19.26	19.23		
3	16QAM	1	8	19.15	19.28	19.21	20.5	1
3	16QAM	1	14	19.23	19.32	19.22		
3	16QAM	8	0	18.24	18.40	18.25		
3	16QAM	8	4	18.21	18.34	18.28	19.5	2
3	16QAM	8	7	18.30	18.23	18.29		
3	16QAM	15	0	18.31	18.38	18.38		
3	64QAM	1	0	18.13	18.39	18.15		
3	64QAM	1	8	18.03	18.31	18.17	19.5	2
3	64QAM	1	14	18.31	18.14	18.17		
3	64QAM	8	0	17.09	17.31	17.28		
3	64QAM	8	4	17.16	17.31	17.13	18.5	3
3	64QAM	8	7	17.22	17.27	17.18		
3	64QAM	15	0	17.17	17.29	17.42		
3	256QAM	1	0	15.11	15.29	15.23		
3	256QAM	1	8	15.21	15.22	15.24	16.5	5
3	256QAM	1	14	15.24	15.15	15.20		
3	256QAM	8	0	15.40	15.37	15.42		
3	256QAM	8	4	15.02	15.34	15.34	16.5	5
3	256QAM	8	7	15.14	15.24	15.12		
3	256QAM	15	0	15.21	15.30	15.15		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.19	20.27	20.23		
1.4	QPSK	1	3	20.17	20.30	20.12		
1.4	QPSK	1	5	20.25	20.20	20.16	21.5	0
1.4	QPSK	3	0	20.17	20.32	20.22		
1.4	QPSK	3	1	20.10	20.24	20.17		
1.4	QPSK	3	3	20.16	20.22	20.28		
1.4	QPSK	6	0	19.19	19.24	19.32	20.5	1
1.4	16QAM	1	0	19.16	19.25	19.15		
1.4	16QAM	1	3	19.24	19.31	19.21		
1.4	16QAM	1	5	19.21	19.22	19.30	20.5	1
1.4	16QAM	3	0	19.11	19.23	19.24		
1.4	16QAM	3	1	19.13	19.28	19.10		
1.4	16QAM	3	3	19.19	19.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.21	21.27	21.25	22.5	0
20	QPSK	1	49	21.13	21.18	21.14		
20	QPSK	1	99	21.03	21.19	21.11		
20	QPSK	50	0	20.21	20.31	20.23	21.5	1
20	QPSK	50	24	20.19	20.24	20.20		
20	QPSK	50	50	20.20	20.21	20.24		
20	QPSK	100	0	20.28	20.29	20.23		
20	16QAM	1	0	20.20	20.23	20.25	21.5	1
20	16QAM	1	49	20.23	20.27	20.25		
20	16QAM	1	99	20.19	20.28	20.18		
20	16QAM	50	0	19.27	19.29	19.23	20.5	2
20	16QAM	50	24	19.18	19.35	19.24		
20	16QAM	50	50	19.24	19.34	19.20		
20	16QAM	100	0	19.29	19.31	19.33		
20	64QAM	1	0	19.04	19.33	19.12	20.5	2
20	64QAM	1	49	19.03	19.33	19.22		
20	64QAM	1	99	19.31	19.08	19.19		
20	64QAM	50	0	18.02	18.30	18.33	19.5	3
20	64QAM	50	24	18.13	18.36	18.20		
20	64QAM	50	50	18.25	18.19	18.08		
20	64QAM	100	0	18.18	18.38	18.43		
20	256QAM	1	0	16.03	16.23	16.22	17.5	5
20	256QAM	1	49	16.12	16.15	16.23		
20	256QAM	1	99	16.22	16.11	16.34		
20	256QAM	50	0	16.36	16.46	16.36	17.5	5
20	256QAM	50	24	16.05	16.26	16.30		
20	256QAM	50	50	16.03	16.16	16.05		
20	256QAM	100	0	16.14	16.23	16.14		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.19	21.18	21.06	22.5	0
15	QPSK	1	37	21.06	21.11	21.06		
15	QPSK	1	74	21.00	21.18	21.12		
15	QPSK	36	0	20.13	20.24	20.16	21.5	1
15	QPSK	36	20	20.21	20.20	20.10		
15	QPSK	36	39	20.16	20.16	20.17		
15	QPSK	75	0	20.17	20.16	20.17		
15	16QAM	1	0	20.19	20.15	20.15	21.5	1
15	16QAM	1	37	20.20	20.11	20.18		
15	16QAM	1	74	20.18	20.15	20.17		
15	16QAM	36	0	19.22	19.29	19.15	20.5	2
15	16QAM	36	20	19.11	19.21	19.18		
15	16QAM	36	39	19.13	19.25	19.08		
15	16QAM	75	0	19.20	19.23	19.28		
15	64QAM	1	0	18.98	19.28	19.06	20.5	2
15	64QAM	1	37	19.01	19.25	19.15		
15	64QAM	1	74	19.16	18.99	19.15		
15	64QAM	36	0	17.98	18.30	18.23	19.5	3
15	64QAM	36	20	18.08	18.26	18.13		
15	64QAM	36	39	18.12	18.07	18.01		
15	64QAM	75	0	18.08	18.33	18.39		
15	256QAM	1	0	15.99	16.20	16.19	17.5	5
15	256QAM	1	37	16.09	16.05	16.14		
15	256QAM	1	74	16.16	16.09	16.22		
15	256QAM	36	0	16.31	16.38	16.27	17.5	5
15	256QAM	36	20	15.89	16.18	16.27		
15	256QAM	36	39	16.00	16.08	16.03		
15	256QAM	75	0	15.97	16.10	16.03		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.12	21.24	21.09	22.5	0
10	QPSK	1	25	20.98	21.07	21.08		
10	QPSK	1	49	21.04	21.18	21.10		
10	QPSK	25	0	20.23	20.22	20.19	21.5	1
10	QPSK	25	12	20.17	20.16	20.13		
10	QPSK	25	25	20.20	20.13	20.26		
10	QPSK	50	0	20.19	20.25	20.19		
10	16QAM	1	0	20.15	20.12	20.14	21.5	1
10	16QAM	1	25	20.11	20.12	20.23		
10	16QAM	1	49	20.13	20.14	20.13		
10	16QAM	25	0	19.11	19.23	19.10	20.5	2
10	16QAM	25	12	19.16	19.17	19.19		
10	16QAM	25	25	19.16	19.26	19.07		
10	16QAM	50	0	19.23	19.25	19.21		
10	64QAM	1	0	18.99	19.32	19.00	20.5	2
10	64QAM	1	25	19.01	19.31	19.20		
10	64QAM	1	49	19.21	19.02	19.13		
10	64QAM	25	0	17.93	18.28	18.26	19.5	3
10	64QAM	25	12	18.01	18.30	18.08		
10	64QAM	25	25	18.23	18.14	17.97		
10	64QAM	50	0	18.17	18.35	18.36		
10	256QAM	1	0	15.98	16.22	16.18	17.5	5
10	256QAM	1	25	16.10	16.06	16.21		
10	256QAM	1	49	16.22	16.13	16.23		
10	256QAM	25	0	16.24	16.40	16.29	17.5	5
10	256QAM	25	12	15.91	16.19	16.25		
10	256QAM	25	25	15.99	16.13	16.02		
10	256QAM	50	0	16.01	16.13	15.99		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.20	21.23	21.09	22.5	0
5	QPSK	1	12	21.06	21.03	21.02		
5	QPSK	1	24	21.00	21.16	21.07		
5	QPSK	12	0	20.17	20.27	20.16	21.5	1
5	QPSK	12	7	20.17	20.13	20.15		
5	QPSK	12	13	20.23	20.11	20.22		
5	QPSK	25	0	20.13	20.16	20.18		
5	16QAM	1	0	20.18	20.11	20.20	21.5	1
5	16QAM	1	12	20.10	20.18	20.22		
5	16QAM	1	24	20.15	20.14	20.18		
5	16QAM	12	0	19.20	19.34	19.11	20.5	2
5	16QAM	12	7	19.17	19.26	19.23		
5	16QAM	12	13	19.13	19.26	19.08		
5	16QAM	25	0	19.27	19.23	19.25		
5	64QAM	1	0	18.97	19.25	19.05	20.5	2
5	64QAM	1	12	18.99	19.31	19.16		
5	64QAM	1	24	19.21	18.95	19.16		
5	64QAM	12	0	17.97	18.27	18.19	19.5	3
5	64QAM	12	7	18.02	18.29	18.05		
5	64QAM	12	13	18.18	18.18	17.99		
5	64QAM	25	0	18.10	18.28	18.40		
5	256QAM	1	0	15.95	16.18	16.25	17.5	5
5	256QAM	1	12	16.05	16.11	16.16		
5	256QAM	1	24	16.11	16.11	16.19		
5	256QAM	12	0	16.22	16.35	16.35	17.5	5
5	256QAM	12	7	15.91	16.18	16.16		
5	256QAM	12	13	16.00	16.13	16.01		
5	256QAM	25	0	16.03	16.12	16.05		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.23	21.25	21.32	21.31	21.21	22.5	0
20	QPSK	1	49	21.12	21.21	21.08	21.13	21.09		
20	QPSK	1	99	21.02	21.18	21.13	21.17	21.20		
20	QPSK	50	0	20.22	20.26	20.31	20.27	20.28	21.5	1
20	QPSK	50	24	20.30	20.22	20.20	20.28	20.22		
20	QPSK	50	50	20.29	20.22	20.26	20.24	20.23		
20	QPSK	100	0	20.23	20.22	20.28	20.25	20.24		
20	16QAM	1	0	20.23	20.26	20.25	20.24	20.20	21.5	1
20	16QAM	1	49	20.20	20.23	20.25	20.22	20.31		
20	16QAM	1	99	20.25	20.20	20.25	20.24	20.27		
20	16QAM	50	0	19.22	19.37	19.25	19.33	19.16	20.5	2
20	16QAM	50	24	19.21	19.29	19.15	19.28	19.34		
20	16QAM	50	50	19.27	19.30	19.26	19.26	19.21		
20	16QAM	100	0	19.27	19.36	19.28	19.36	19.27		
20	64QAM	1	0	19.04	19.39	19.04	19.33	19.07	20.5	2
20	64QAM	1	49	19.06	19.39	19.11	19.35	19.25		
20	64QAM	1	99	19.29	19.11	19.28	19.11	19.26		
20	64QAM	50	0	18.08	18.37	18.07	18.29	18.26	19.5	3
20	64QAM	50	24	18.04	18.30	18.09	18.26	18.12		
20	64QAM	50	50	18.21	18.18	18.19	18.16	18.09		
20	64QAM	100	0	18.19	18.37	18.23	18.44	18.49		
20	256QAM	1	0	16.11	16.34	16.05	16.31	16.32	17.5	5
20	256QAM	1	49	16.16	16.16	16.17	16.16	16.23		
20	256QAM	1	99	16.24	16.13	16.25	16.17	16.34		
20	256QAM	50	0	16.28	16.46	16.37	16.41	16.41	17.5	5
20	256QAM	50	24	16.01	16.24	16.02	16.21	16.30		
20	256QAM	50	50	16.09	16.13	16.06	16.23	16.11		
20	256QAM	100	0	16.08	16.14	16.08	16.20	16.07		
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	21.17	21.21	21.17	21.17	21.09	23	0
15	QPSK	1	37	21.01	21.11	21.09	21.07	21.00		
15	QPSK	1	74	20.99	21.09	21.04	21.17	21.16		
15	QPSK	36	0	20.13	20.26	20.20	20.23	20.19	21.5	1
15	QPSK	36	20	20.12	20.13	20.17	20.10	20.18		
15	QPSK	36	39	20.12	20.18	20.21	20.14	20.20		
15	QPSK	75	0	20.16	20.19	20.21	20.17	20.19		
15	16QAM	1	0	20.18	20.08	20.21	20.09	20.19	21.5	1
15	16QAM	1	37	20.09	20.15	20.14	20.15	20.20		
15	16QAM	1	74	20.17	20.15	20.16	20.18	20.11		
15	16QAM	36	0	19.21	19.23	19.17	19.24	19.10	20.5	2
15	16QAM	36	20	19.13	19.26	19.10	19.23	19.21		
15	16QAM	36	39	19.18	19.26	19.18	19.17	19.18		
15	16QAM	75	0	19.22	19.22	19.22	19.26	19.26		
15	64QAM	1	0	18.96	19.27	18.99	19.28	18.98	20.5	2
15	64QAM	1	37	18.99	19.25	19.04	19.25	19.19		
15	64QAM	1	74	19.13	18.98	19.24	18.96	19.19		
15	64QAM	36	0	17.93	18.24	17.96	18.29	18.24	19.5	3
15	64QAM	36	20	18.00	18.28	18.07	18.20	18.10		
15	64QAM	36	39	18.14	18.11	18.17	18.15	17.97		
15	64QAM	75	0	18.13	18.34	18.13	18.28	18.38		
15	256QAM	1	0	15.95	16.25	15.99	16.24	16.23	17.5	5
15	256QAM	1	37	16.12	16.07	16.04	16.12	16.20		
15	256QAM	1	74	16.20	16.07	16.20	16.10	16.18		
15	256QAM	36	0	16.24	16.28	16.28	16.31	16.31	17.5	5
15	256QAM	36	20	15.91	16.20	15.91	16.09	16.16		
15	256QAM	36	39	16.01	16.10	15.97	16.11	15.98		
15	256QAM	75	0	16.05	16.13	15.98	16.11	16.04		
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	21.19	21.13	21.25	21.05	23	0
10	QPSK	1	25	21.03	21.13	20.98	21.09	21.01		
10	QPSK	1	49	21.07	21.17	20.97	21.20	21.09		
10	QPSK	25	0	20.23	20.19	20.22	20.25	20.17	21.5	1
10	QPSK	25	12	20.17	20.11	20.23	20.13	20.09		
10	QPSK	25	25	20.12	20.16	20.15	20.21	20.20		
10	QPSK	50	0	20.17	20.23	20.24	20.19	20.21		
10	16QAM	1	0	20.23	20.16	20.15	20.20	20.15	21.5	1
10	16QAM	1	25	20.09	20.13	20.15	20.20	20.21		
10	16QAM	1	49	20.17	20.16	20.15	20.16	20.20		
10	16QAM	25	0	19.16	19.27	19.15	19.31	19.07	20.5	2
10	16QAM	25	12	19.10	19.24	19.18	19.17	19.21		
10	16QAM	25	25	19.23	19.20	19.14	19.16	19.18		
10	16QAM	50	0	19.19	19.25	19.23	19.25	19.17		
10	64QAM	1	0	18.98	19.22	19.00	19.22	18.98	20.5	2
10	64QAM	1	25	19.00	19.25	19.01	19.33	19.18		
10	64QAM	1	49	19.21	19.04	19.16	18.98	19.16		
10	64QAM	25	0	17.97	18.22	18.01	18.21	18.20	19.5	3
10	64QAM	25	12	18.06	18.26	18.02	18.23	18.02		
10	64QAM	25	25	18.13	18.11	18.23	18.16	18.05		
10	64QAM	50	0	18.14	18.28	18.07	18.34	18.36		
10	256QAM	1	0	15.97	16.24	15.95	16.24	16.23	17.5	5
10	256QAM	1	25	16.10	16.04	16.06	16.09	16.20		
10	256QAM	1	49	16.20	16.10	16.10	16.11	16.29		
10	256QAM	25	0	16.27	16.31	16.27	16.35	16.32	17.5	5
10	256QAM	25	12	15.94	16.18	15.96	16.15	16.20		
10	256QAM	25	25	15.97	16.06	16.00	16.15	16.06		
10	256QAM	50	0	16.00	16.12	16.08	16.09	16.06		
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	21.21	21.18	21.13	21.20	21.08	23	0
5	QPSK	1	12	21.03	21.08	21.05	21.09	21.02		
5	QPSK	1	24	20.98	21.09	21.01	21.13	21.05		
5	QPSK	12	0	20.14	20.22	20.16	20.26	20.23	21.5	1
5	QPSK	12	7	20.18	20.14	20.21	20.10	20.15		
5	QPSK	12	13	20.13	20.16	20.19	20.11	20.18		
5	QPSK	25	0	20.21	20.24	20.21	20.22	20.22		
5	16QAM	1	0	20.19	20.19	20.18	20.14	20.17	21.5	1
5	16QAM	1	12	20.16	20.16	20.18	20.17	20.22		
5	16QAM	1	24	20.18	20.18	20.15	20.16	20.14		
5	16QAM	12	0	19.16	19.27	19.15	19.33	19.06	20.5	2
5	16QAM	12	7	19.17	19.24	19.11	19.17	19.21		
5	16QAM	12	13	19.18	19.22	19.15	19.19	19.09		
5	16QAM	25	0	19.20	19.20	19.21	19.20	19.24		
5	64QAM	1	0	19.04	19.26	18.98	19.30	19.01	20.5	2
5	64QAM	1	12	18.94	19.27	19.01	19.29	19.12		
5	64QAM	1	24	19.14	19.05	19.25	19.00	19.11		
5	64QAM	12	0	17.93	18.33	17.90	18.31	18.20	19.5	3
5	64QAM	12	7	18.03	18.20	18.00	18.18	18.13		
5	64QAM	12	13	18.18	18.09	18.21	18.11	18.02		
5	64QAM	25	0	18.09	18.35	18.06	18.31	18.42		
5	256QAM	1	0	16.01	16.23	15.92	16.22	16.21	17.5	5
5	256QAM	1	12	16.09	16.02	16.12	16.04	16.19		
5	256QAM	1	24	16.17	16.04	16.11	16.14	16.28		
5	256QAM	12	0	16.27	16.32	16.25	16.35	16.29	17.5	5
5	256QAM	12	7	15.91	16.18	15.97	16.14	16.21		
5	256QAM	12	13	16.05	16.10	16.04	16.15	16.07		
5	256QAM	25	0	16.07	16.14	15.98	16.17	16.05		

GSM850 Ant1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.55	31.49	31.34	32.50	22.55	22.49	22.34	23.50
GPRS 1 Tx slot	31.51	31.47	31.32	32.50	22.51	22.47	22.32	23.50
GPRS 2 Tx slots	30.73	30.69	30.55	31.50	24.73	24.69	24.55	25.50
GPRS 3 Tx slots	28.94	28.96	28.83	30.00	24.68	24.70	24.57	25.74
GPRS 4 Tx slots	27.80	27.81	27.74	29.00	24.80	24.81	24.74	26.00
EDGE 1 Tx slot	25.96	26.05	26.12	27.00	16.96	17.05	17.12	18.00
EDGE 2 Tx slots	24.86	24.87	24.96	26.00	18.86	18.87	18.96	20.00
EDGE 3 Tx slots	22.63	22.66	22.75	23.50	18.37	18.40	18.49	19.24
EDGE 4 Tx slots	21.35	21.45	21.49	22.50	18.35	18.45	18.49	19.50

GSM1900 Ant1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.00	26.95	27.11	28.00	18.00	17.95	18.11	19.00
GPRS 1 Tx slot	26.95	26.93	27.05	28.00	17.95	17.93	18.05	19.00
GPRS 2 Tx slots	26.20	26.17	26.30	27.50	20.20	20.17	20.30	21.50
GPRS 3 Tx slots	24.45	24.44	24.58	25.50	20.19	20.18	20.32	21.24
GPRS 4 Tx slots	23.42	23.46	23.43	24.50	20.42	20.46	20.43	21.50
EDGE 1 Tx slot	23.41	23.56	23.45	24.50	14.41	14.56	14.45	15.50
EDGE 2 Tx slots	22.35	22.48	22.33	23.50	16.35	16.48	16.33	17.50
EDGE 3 Tx slots	20.16	20.35	20.21	21.50	15.90	16.09	15.95	17.24
EDGE 4 Tx slots	19.24	19.19	19.02	20.00	16.24	16.19	16.02	17.00

Band		WCDMA II Ant1			Tune-up Limit (dBm)	WCDMA IV Ant1			Tune-up Limit (dBm)	WCDMA V Ant1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.76	20.74	20.69	22.00	20.69	20.68	20.55	22.00	22.50	22.44	22.29	24.00
3GPP Rel 99	RMC 12.2Kbps	20.81	20.85	20.79	22.00	20.67	20.75	20.74	22.00	22.54	22.58	22.55	24.00
3GPP Rel 6	HSDPA Subtest-1	19.81	19.77	19.68	21.00	19.68	19.78	19.64	21.00	21.51	21.49	21.40	23.00
3GPP Rel 6	HSDPA Subtest-2	19.85	19.79	19.78	21.00	19.71	19.80	19.69	21.00	21.50	21.52	21.47	23.00
3GPP Rel 6	HSDPA Subtest-3	19.27	19.39	19.12	20.50	19.25	19.34	19.10	20.50	20.97	21.04	20.90	22.50
3GPP Rel 6	HSDPA Subtest-4	19.37	19.34	19.17	20.50	19.32	19.26	19.07	20.50	21.07	21.08	20.82	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.78	19.84	19.65	21.00	19.72	19.84	19.58	21.00	21.53	21.53	21.39	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.84	19.70	19.72	21.00	19.74	19.70	19.58	21.00	21.59	21.49	21.43	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.24	19.33	19.29	20.50	19.20	19.25	19.14	20.50	21.00	21.04	21.01	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.36	19.35	19.27	20.50	19.23	19.30	19.21	20.50	21.06	21.03	20.94	22.50
3GPP Rel 6	HSUPA Subtest-1	19.78	19.70	19.64	21.00	19.70	19.72	19.67	21.00	21.55	21.44	21.42	23.00
3GPP Rel 6	HSUPA Subtest-2	17.84	17.75	17.69	19.00	17.74	17.64	17.61	19.00	19.57	19.45	19.30	21.00
3GPP Rel 6	HSUPA Subtest-3	18.85	18.80	18.79	20.00	18.78	18.77	18.73	20.00	20.63	20.55	20.49	22.00
3GPP Rel 6	HSUPA Subtest-4	17.93	17.83	17.81	19.00	17.80	17.68	17.69	19.00	19.55	19.46	19.47	21.00
3GPP Rel 6	HSUPA Subtest-5	19.84	19.82	19.85	21.00	19.65	19.70	19.68	21.00	21.49	21.55	21.47	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.46	17.43	17.41	18.50	17.35	17.39	17.41	18.50	19.10	19.23	19.19	20.50

Band 2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.51	20.55	20.50	21.5	0
20	QPSK	1	49	20.40	20.52	20.49		
20	QPSK	1	99	20.51	20.53	20.46		
20	QPSK	50	0	19.36	19.46	19.41	20.5	1
20	QPSK	50	24	19.37	19.43	19.31		
20	QPSK	50	50	19.39	19.42	19.37		
20	QPSK	100	0	19.33	19.41	19.38		
20	16QAM	1	0	19.72	19.86	19.82	20.5	1
20	16QAM	1	49	19.75	19.85	19.82		
20	16QAM	1	99	19.83	19.86	19.74		
20	16QAM	50	0	18.38	18.44	18.36	19.5	2
20	16QAM	50	24	18.31	18.43	18.33		
20	16QAM	50	50	18.30	18.42	18.37		
20	16QAM	100	0	18.38	18.42	18.31		
20	64QAM	1	0	18.53	18.66	18.59	19.5	2
20	64QAM	1	49	18.52	18.62	18.54		
20	64QAM	1	99	18.54	18.65	18.62		
20	64QAM	50	0	17.43	17.47	17.35	18.5	3
20	64QAM	50	24	17.41	17.46	17.42		
20	64QAM	50	50	17.37	17.46	17.36		
20	64QAM	100	0	17.32	17.36	17.34		
20	256QAM	1	0	15.43	15.56	15.45	16.5	5
20	256QAM	1	49	15.41	15.54	15.49		
20	256QAM	1	99	15.48	15.51	15.42		
20	256QAM	50	0	15.31	15.39	15.27	16.5	5
20	256QAM	50	24	15.26	15.36	15.23		
20	256QAM	50	50	15.26	15.37	15.24		
20	256QAM	100	0	15.26	15.38	15.24		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.48	20.49	20.40	21.5	0
15	QPSK	1	37	20.33	20.41	20.36		
15	QPSK	1	74	20.44	20.45	20.34		
15	QPSK	36	0	19.30	19.37	19.35	20.5	1
15	QPSK	36	20	19.24	19.34	19.19		
15	QPSK	36	39	19.31	19.28	19.33		
15	QPSK	75	0	19.27	19.29	19.34		
15	16QAM	1	0	19.66	19.78	19.77	20.5	1
15	16QAM	1	37	19.65	19.80	19.72		
15	16QAM	1	74	19.79	19.80	19.67		
15	16QAM	36	0	18.30	18.35	18.24	19.5	2
15	16QAM	36	20	18.17	18.34	18.20		
15	16QAM	36	39	18.19	18.35	18.29		
15	16QAM	75	0	18.26	18.30	18.18		
15	64QAM	1	0	18.39	18.55	18.50	19.5	2
15	64QAM	1	37	18.45	18.53	18.44		
15	64QAM	1	74	18.44	18.61	18.57		
15	64QAM	36	0	17.30	17.37	17.23	18.5	3
15	64QAM	36	20	17.37	17.33	17.29		
15	64QAM	36	39	17.31	17.35	17.32		
15	64QAM	75	0	17.27	17.27	17.24		
15	256QAM	1	0	15.39	15.44	15.38	16.5	5
15	256QAM	1	37	15.32	15.49	15.42		
15	256QAM	1	74	15.43	15.39	15.33		
15	256QAM	36	0	15.25	15.26	15.15	16.5	5
15	256QAM	36	20	15.20	15.30	15.16		
15	256QAM	36	39	15.22	15.33	15.15		
15	256QAM	75	0	15.13	15.30	15.14		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.49	20.49	20.43	21.5	0
10	QPSK	1	25	20.29	20.47	20.44		
10	QPSK	1	49	20.48	20.44	20.35		
10	QPSK	25	0	19.23	19.39	19.33	20.5	1
10	QPSK	25	12	19.31	19.39	19.21		
10	QPSK	25	25	19.37	19.35	19.30		
10	QPSK	50	0	19.24	19.37	19.30		
10	16QAM	1	0	19.62	19.76	19.71	20.5	1
10	16QAM	1	25	19.68	19.82	19.73		
10	16QAM	1	49	19.77	19.73	19.63		
10	16QAM	25	0	18.26	18.30	18.31	19.5	2
10	16QAM	25	12	18.18	18.29	18.24		
10	16QAM	25	25	18.23	18.28	18.31		
10	16QAM	50	0	18.24	18.40	18.20		
10	64QAM	1	0	18.51	18.54	18.55	19.5	2
10	64QAM	1	25	18.46	18.55	18.51		
10	64QAM	1	49	18.46	18.51	18.54		
10	64QAM	25	0	17.36	17.43	17.29	18.5	3
10	64QAM	25	12	17.30	17.33	17.38		
10	64QAM	25	25	17.26	17.36	17.29		
10	64QAM	50	0	17.29	17.26	17.27		
10	256QAM	1	0	15.32	15.44	15.39	16.5	5
10	256QAM	25	0	15.38	15.44	15.45		
10	256QAM	1	49	15.41	15.48	15.29		
10	256QAM	25	0	15.18	15.37	15.15	16.5	5
10	256QAM	25	12	15.22	15.33	15.20		
10	256QAM	25	25	15.31	15.25	15.15		
10	256QAM	50	0	15.13	15.32	15.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.40	20.49	20.42	21.5	0
5	QPSK	1	12	20.35	20.41	20.36		
5	QPSK	1	24	20.37	20.51	20.34		
5	QPSK	12	0	19.26	19.37	19.32	20.5	1
5	QPSK	12	7	19.32	19.39	19.29		
5	QPSK	12	13	19.33	19.31	19.26		
5	QPSK	25	0	19.25	19.32	19.33		
5	16QAM	1	0	19.67	19.76	19.76	20.5	1
5	16QAM	1	12	19.63	19.82	19.71		
5	16QAM	1	24	19.75	19.83	19.70		
5	16QAM	12	0	18.33	18.37	18.29	19.5	2
5	16QAM	12	7	18.27	18.31	18.19		
5	16QAM	12	13	18.19	18.33	18.24		
5	16QAM	25	0	18.29	18.30	18.27		
5	64QAM	1	0	18.49	18.60	18.53	19.5	2
5	64QAM	1	12	18.47	18.55	18.47		
5	64QAM	1	24	18.49	18.52	18.50		
5	64QAM	12	0	17.29	17.46	17.30	18.5	3
5	64QAM	12	7	17.29	17.38	17.33		
5	64QAM	12	13	17.28	17.36	17.27		
5	64QAM	25	0	17.21	17.33	17.29		
5	256QAM	1	0	15.31	15.45	15.34	16.5	5
5	256QAM	1	12	15.34	15.49	15.44		
5	256QAM	1	24	15.34	15.47	15.36		
5	256QAM	12	0	15.22	15.36	15.22	16.5	5
5	256QAM	12	7	15.14	15.23	15.09		
5	256QAM	12	13	15.12	15.31	15.11		
5	256QAM	25	0	15.17	15.31	15.11		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.43	20.52	20.41	21.5	0
3	QPSK	1	8	20.38	20.43	20.38		
3	QPSK	1	14	20.39	20.44	20.43		
3	QPSK	8	0	19.23	19.42	19.36	20.5	1
3	QPSK	8	4	19.34	19.30	19.23		
3	QPSK	8	7	19.28	19.38	19.26		
3	QPSK	15	0	19.23	19.35	19.30		
3	16QAM	1	0	19.67	19.80	19.77	20.5	1
3	16QAM	1	8	19.72	19.77	19.76		
3	16QAM	1	14	19.81	19.83	19.62		
3	16QAM	8	0	18.25	18.31	18.34	19.5	2
3	16QAM	8	4	18.24	18.38	18.28		
3	16QAM	8	7	18.26	18.38	18.33		
3	16QAM	15	0	18.27	18.33	18.20		
3	64QAM	1	0	18.46	18.59	18.57	19.5	2
3	64QAM	1	8	18.44	18.56	18.48		
3	64QAM	1	14	18.47	18.58	18.58		
3	64QAM	8	0	17.34	17.42	17.26	18.5	3
3	64QAM	8	4	17.31	17.40	17.35		
3	64QAM	8	7	17.23	17.33	17.30		
3	64QAM	15	0	17.18	17.28	17.20		
3	256QAM	1	0	15.30	15.49	15.36	16.5	5
3	256QAM	1	8	15.33	15.41	15.38		
3	256QAM	1	14	15.44	15.38	15.40		
3	256QAM	8	0	15.26	15.32	15.14	16.5	5
3	256QAM	8	4	15.18	15.24	15.12		
3	256QAM	8	7	15.14	15.31	15.17		
3	256QAM	15	0	15.18	15.28	15.16		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.47	20.44	20.41	21.5	0
1.4	QPSK	1	3	20.32	20.47	20.42		
1.4	QPSK	1	5	20.41	20.46	20.42		
1.4	QPSK	3	0	20.44	20.52	20.36		
1.4	QPSK	3	1	20.26	20.46	20.43		
1.4	QPSK	3	3	20.43	20.44	20.43		
1.4	QPSK	6	0	19.26	19.43	19.27	20.5	1
1.4	16QAM	1	0	19.29	19.34	19.18	20.5	1
1.4	16QAM	1	3	19.32	19.37	19.33		
1.4	16QAM	1	5	19.31	19.37	19.28		
1.4	16QAM	3	0	19.58	19.75	19.79		
1.4	16QAM	3	1	19.64	19.73	19.71		
1.4	16QAM	3	3	19.80	19.78	19.63		
1.4	16QAM	6	0	18.25	18.38	18.24	19.5	2
1.4	64QAM	1	0	18.23	18.33	18.28	19.5	2
1.4	64QAM	1	3	18.25	18.30	18.28		
1.4	64QAM	1	5	18.26	18.32	18.26		
1.4	64QAM	3	0	18.36	18.37	18.33		
1.4	64QAM	3	1	18.28	18.40	18.21		
1.4	64QAM	3	3	18.25	18.36	18.26		
1.4	64QAM	6	0	17.34	17.41	17.37	18.5	3
1.4	256QAM	1	0	15.32	15.48	15.31	16.5	5
1.4	256QAM	1	3	15.34	15.44	15.42		
1.4	256QAM	1	5	15.43	15.41	15.31		
1.4	256QAM	3	0	15.23	15.29	15.24		
1.4	256QAM	3	1	15.21	15.24	15.18		
1.4	256QAM	3	3	15.13	15.24	15.15		
1.4	256QAM	6	0	15.17	15.26	15.11	16.5	5

Band 4 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.37	20.46	20.39	21.5	0
20	QPSK	1	49	20.34	20.40	20.41		
20	QPSK	1	99	20.39	20.43	20.36		
20	QPSK	50	0	19.24	19.42	19.36	20.5	1
20	QPSK	50	24	19.25	19.35	19.19		
20	QPSK	50	50	19.29	19.28	19.30		
20	QPSK	100	0	19.31	19.39	19.27		
20	16QAM	1	0	19.66	19.79	19.77	20.5	1
20	16QAM	1	49	19.68	19.75	19.67		
20	16QAM	1	99	19.73	19.81	19.68		
20	16QAM	50	0	18.25	18.34	18.21	19.5	2
20	16QAM	50	24	18.20	18.33	18.28		
20	16QAM	50	50	18.23	18.28	18.26		
20	16QAM	100	0	18.30	18.36	18.26		
20	64QAM	1	0	18.42	18.51	18.46	19.5	2
20	64QAM	1	49	18.37	18.55	18.49		
20	64QAM	1	99	18.41	18.53	18.46		
20	64QAM	50	0	17.34	17.33	17.22	18.5	3
20	64QAM	50	24	17.31	17.30	17.35		
20	64QAM	50	50	17.22	17.31	17.24		
20	64QAM	100	0	17.24	17.24	17.24		
20	256QAM	1	0	15.33	15.50	15.31	16.5	5
20	256QAM	1	49	15.35	15.44	15.45		
20	256QAM	1	99	15.34	15.44	15.31		
20	256QAM	50	0	15.26	15.31	15.21	16.5	5
20	256QAM	50	24	15.13	15.30	15.09		
20	256QAM	50	50	15.15	15.31	15.19		
20	256QAM	100	0	15.11	15.23	15.15		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.42	20.42	20.38	21.5	0
15	QPSK	1	37	20.31	20.45	20.42		
15	QPSK	1	74	20.45	20.42	20.37		
15	QPSK	36	0	19.21	19.41	19.28	20.5	1
15	QPSK	36	20	19.25	19.31	19.24		
15	QPSK	36	39	19.31	19.30	19.32		
15	QPSK	75	0	19.21	19.29	19.26		
15	16QAM	1	0	19.67	19.76	19.76	20.5	1
15	16QAM	1	37	19.66	19.77	19.67		
15	16QAM	1	74	19.75	19.79	19.70		
15	16QAM	36	0	18.31	18.36	18.30	19.5	2
15	16QAM	36	20	18.20	18.32	18.29		
15	16QAM	36	39	18.17	18.27	18.31		
15	16QAM	75	0	18.30	18.31	18.16		
15	64QAM	1	0	18.45	18.60	18.48	19.5	2
15	64QAM	1	37	18.43	18.55	18.49		
15	64QAM	1	74	18.48	18.59	18.55		
15	64QAM	36	0	17.35	17.32	17.24	18.5	3
15	64QAM	36	20	17.26	17.41	17.26		
15	64QAM	36	39	17.23	17.31	17.24		
15	64QAM	75	0	17.16	17.24	17.28		
15	256QAM	1	0	15.28	15.46	15.33	16.5	5
15	256QAM	1	37	15.25	15.41	15.45		
15	256QAM	1	74	15.43	15.36	15.36		
15	256QAM	36	0	15.22	15.30	15.19	16.5	5
15	256QAM	36	20	15.17	15.29	15.12		
15	256QAM	36	39	15.14	15.30	15.14		
15	256QAM	75	0	15.21	15.30	15.19		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.43	20.41	20.44	21.5	0
10	QPSK	1	25	20.26	20.42	20.40		
10	QPSK	1	49	20.39	20.40	20.38		
10	QPSK	25	0	19.25	19.33	19.25	20.5	1
10	QPSK	25	12	19.27	19.28	19.22		
10	QPSK	25	25	19.26	19.30	19.22		
10	QPSK	50	0	19.20	19.26	19.26		
10	16QAM	1	0	19.57	19.82	19.75	20.5	1
10	16QAM	1	25	19.70	19.70	19.69		
10	16QAM	1	49	19.71	19.77	19.61		
10	16QAM	25	0	18.34	18.32	18.22	19.5	2
10	16QAM	25	12	18.16	18.33	18.21		
10	16QAM	25	25	18.25	18.34	18.27		
10	16QAM	50	0	18.31	18.28	18.27		
10	64QAM	1	0	18.40	18.57	18.52	19.5	2
10	64QAM	1	25	18.42	18.52	18.42		
10	64QAM	1	49	18.46	18.49	18.52		
10	64QAM	25	0	17.27	17.31	17.20	18.5	3
10	64QAM	25	12	17.34	17.39	17.37		
10	64QAM	25	25	17.27	17.34	17.27		
10	64QAM	50	0	17.23	17.31	17.28		
10	256QAM	1	0	15.38	15.45	15.31	16.5	5
10	256QAM	1	25	15.26	15.49	15.45		
10	256QAM	1	49	15.38	15.41	15.32		
10	256QAM	25	0	15.19	15.25	15.11	16.5	5
10	256QAM	25	12	15.13	15.31	15.18		
10	256QAM	25	25	15.20	15.32	15.10		
10	256QAM	50	0	15.17	15.31	15.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.42	20.41	20.37	21.5	0
5	QPSK	1	12	20.26	20.38	20.38		
5	QPSK	1	24	20.41	20.43	20.40		
5	QPSK	12	0	19.27	19.39	19.30	20.5	1
5	QPSK	12	7	19.31	19.33	19.18		
5	QPSK	12	13	19.32	19.34	19.32		
5	QPSK	25	0	19.28	19.36	19.29		
5	16QAM	1	0	19.56	19.78	19.69	20.5	1
5	16QAM	1	12	19.61	19.77	19.67		
5	16QAM	1	24	19.75	19.73	19.63		
5	16QAM	12	0	18.27	18.33	18.22	19.5	2
5	16QAM	12	7	18.23	18.35	18.24		
5	16QAM	12	13	18.21	18.27	18.33		
5	16QAM	25	0	18.27	18.29	18.19		
5	64QAM	1	0	18.47	18.54	18.47	19.5	2
5	64QAM	1	12	18.39	18.46	18.46		
5	64QAM	1	24	18.50	18.51	18.57		
5	64QAM	12	0	17.27	17.32	17.28	18.5	3
5	64QAM	12	7	17.32	17.38	17.33		
5	64QAM	12	13	17.24	17.40	17.24		
5	64QAM	25	0	17.18	17.21	17.21		
5	256QAM	1	0	15.27	15.52	15.37	16.5	5
5	256QAM	1	12	15.27	15.42	15.42		
5	256QAM	1	24	15.43	15.42	15.31		
5	256QAM	12	0	15.20	15.26	15.19	16.5	5
5	256QAM	12	7	15.10	15.29	15.18		
5	256QAM	12	13	15.15	15.23	15.10		
5	256QAM	25	0	15.21	15.23	15.10		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.41	20.41	20.41	21.5	0
3	QPSK	1	8	20.32	20.38	20.37		
3	QPSK	1	14	20.38	20.42	20.42		
3	QPSK	8	0	19.27	19.31	19.32	20.5	1
3	QPSK	8	4	19.30	19.34	19.16		
3	QPSK	8	7	19.33	19.36	19.31		
3	QPSK	15	0	19.27	19.34	19.34		
3	16QAM	1	0	19.67	19.70	19.67	20.5	1
3	16QAM	1	8	19.59	19.71	19.77		
3	16QAM	1	14	19.68	19.75	19.63		
3	16QAM	8	0	18.26	18.38	18.21	19.5	2
3	16QAM	8	4	18.23	18.33	18.27		
3	16QAM	8	7	18.22	18.32	18.23		
3	16QAM	15	0	18.28	18.38	18.24		
3	64QAM	1	0	18.38	18.62	18.46	19.5	2
3	64QAM	1	8	18.43	18.49	18.49		
3	64QAM	1	14	18.40	18.59	18.53		
3	64QAM	8	0	17.27	17.41	17.23	18.5	3
3	64QAM	8	4	17.32	17.38	17.26		
3	64QAM	8	7	17.33	17.30	17.21		
3	64QAM	15	0	17.22	17.21	17.23		
3	256QAM	1	0	15.37	15.47	15.31	16.5	5
3	256QAM	1	8	15.35	15.45	15.35		
3	256QAM	1	14	15.39	15.36	15.26		
3	256QAM	8	0	15.16	15.28	15.17	16.5	5
3	256QAM	8	4	15.20	15.30	15.18		
3	256QAM	8	7	15.11	15.27	15.19		
3	256QAM	15	0	15.21	15.33	15.14		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.33	20.29	20.31	21.5	0
1.4	QPSK	1	3	20.17	20.35	20.37		
1.4	QPSK	1	5	20.26	20.32	20.29		
1.4	QPSK	3	0	20.31	20.41	20.21		
1.4	QPSK	3	1	20.12	20.35	20.36		
1.4	QPSK	3	3	20.35	20.38	20.37		
1.4	QPSK	6	0	19.15	19.32	19.16	20.5	1
1.4	16QAM	1	0	19.23	19.27	19.11	20.5	1
1.4	16QAM	1	3	19.20	19.28	19.21		
1.4	16QAM	1	5	19.22	19.32	19.16		
1.4	16QAM	3	0	19.42	19.70	19.68		
1.4	16QAM	3	1	19.60	19.67	19.65		
1.4	16QAM	3	3	19.71	19.64	19.56		
1.4	16QAM	6	0	18.16	18.22	18.18	19.5	2
1.4	64QAM	1	0	18.17	18.28	18.17	19.5	2
1.4	64QAM	1	3	18.18	18.19	18.20		
1.4	64QAM	1	5	18.18	18.24	18.13		
1.4	64QAM	3	0	18.26	18.32	18.22		
1.4	64QAM	3	1	18.13	18.28	18.15		
1.4	64QAM	3	3	18.16	18.26	18.19		
1.4	64QAM	6	0	17.29	17.31	17.32	18.5	3
1.4	256QAM	1	0	15.18	15.36	15.16	16.5	5
1.4	256QAM	1	3	15.20	15.37	15.31		
1.4	256QAM	1	5	15.30	15.30	15.16		
1.4	256QAM	3	0	15.14	15.20	15.19		
1.4	256QAM	3	1	15.05	15.16	15.11		
1.4	256QAM	3	3	15.05	15.17	15.07		
1.4	256QAM	6	0	15.02	15.10	15.02	16.5	5

Band 5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.45	22.49	22.40	24	0
10	QPSK	1	25	22.33	22.35	22.41		
10	QPSK	1	49	22.39	22.47	22.31		
10	QPSK	25	0	21.37	21.47	21.39	23	1
10	QPSK	25	12	21.22	21.35	21.22		
10	QPSK	25	25	21.24	21.32	21.28		
10	QPSK	50	0	21.33	21.45	21.31		
10	16QAM	1	0	21.63	21.82	21.79	23	1
10	16QAM	1	25	21.73	21.78	21.

Band 7 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.66	21.76	21.67	23	0
20	QPSK	1	49	21.55	21.73	21.60		
20	QPSK	1	99	21.62	21.69	21.55		
20	QPSK	50	0	20.68	20.71	20.62	22	1
20	QPSK	50	24	20.51	20.63	20.54		
20	QPSK	50	50	20.50	20.56	20.56		
20	QPSK	100	0	20.62	20.65	20.59		
20	16QAM	1	0	20.85	20.92	20.97	22	1
20	16QAM	1	49	20.98	21.01	20.91		
20	16QAM	1	99	20.96	21.04	20.83		
20	16QAM	50	0	19.52	19.59	19.51	21	2
20	16QAM	50	24	19.44	19.60	19.46		
20	16QAM	50	50	19.51	19.59	19.59		
20	16QAM	100	0	19.48	19.65	19.50		
20	64QAM	1	0	19.72	19.79	19.72	21	2
20	64QAM	1	49	19.76	19.74	19.68		
20	64QAM	1	99	19.66	19.88	19.86		
20	64QAM	50	0	18.65	18.59	18.51	20	3
20	64QAM	50	24	18.53	18.61	18.59		
20	64QAM	50	50	18.48	18.61	18.55		
20	64QAM	100	0	18.38	18.46	18.47		
20	256QAM	1	0	16.58	16.66	16.68	18	5
20	256QAM	1	49	16.53	16.65	16.75		
20	256QAM	1	99	16.65	16.69	16.68		
20	256QAM	50	0	16.45	16.44	16.52	18	5
20	256QAM	50	24	16.34	16.56	16.38		
20	256QAM	50	50	16.35	16.49	16.47		
20	256QAM	100	0	16.39	16.62	16.36		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.65	21.67	21.62	23	0
15	QPSK	1	37	21.61	21.72	21.64		
15	QPSK	1	74	21.56	21.64	21.58		
15	QPSK	36	0	20.57	20.57	20.56	22	1
15	QPSK	36	20	20.61	20.58	20.48		
15	QPSK	36	39	20.51	20.51	20.58		
15	QPSK	75	0	20.37	20.63	20.55		
15	16QAM	1	0	20.90	20.98	20.94	22	1
15	16QAM	1	37	20.97	21.01	20.99		
15	16QAM	1	74	21.03	21.06	20.91		
15	16QAM	36	0	19.54	19.65	19.46	21	2
15	16QAM	36	20	19.43	19.58	19.45		
15	16QAM	36	39	19.46	19.63	19.51		
15	16QAM	75	0	19.52	19.55	19.50		
15	64QAM	1	0	19.68	19.78	19.75	21	2
15	64QAM	1	37	19.72	19.71	19.75		
15	64QAM	1	74	19.63	19.81	19.75		
15	64QAM	36	0	18.62	18.55	18.54	20	3
15	64QAM	36	20	18.54	18.60	18.63		
15	64QAM	36	39	18.52	18.59	18.55		
15	64QAM	75	0	18.43	18.46	18.44		
15	256QAM	1	0	16.61	16.78	16.66	18	5
15	256QAM	1	37	16.49	16.73	16.67		
15	256QAM	1	74	16.61	16.74	16.67		
15	256QAM	36	0	16.52	16.48	16.45	18	5
15	256QAM	36	20	16.35	16.55	16.39		
15	256QAM	36	39	16.33	16.57	16.47		
15	256QAM	75	0	16.46	16.54	16.40		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.61	21.64	21.61	23	0
10	QPSK	1	25	21.59	21.63	21.58		
10	QPSK	1	49	21.64	21.67	21.51		
10	QPSK	25	0	20.51	20.59	20.54	22	1
10	QPSK	25	12	20.60	20.64	20.57		
10	QPSK	25	25	20.53	20.53	20.53		
10	QPSK	50	0	20.45	20.59	20.53		
10	16QAM	1	0	20.81	20.94	21.02	22	1
10	16QAM	1	25	20.98	21.06	20.96		
10	16QAM	1	49	20.95	20.97	20.84		
10	16QAM	25	0	19.54	19.65	19.52	21	2
10	16QAM	25	12	19.49	19.61	19.47		
10	16QAM	25	25	19.48	19.60	19.56		
10	16QAM	50	0	19.52	19.60	19.46		
10	64QAM	1	0	19.74	19.80	19.68	21	2
10	64QAM	1	25	19.74	19.74	19.68		
10	64QAM	1	49	19.68	19.87	19.86		
10	64QAM	25	0	18.67	18.61	18.58	20	3
10	64QAM	25	12	18.52	18.60	18.69		
10	64QAM	25	25	18.56	18.60	18.47		
10	64QAM	50	0	18.36	18.51	18.44		
10	256QAM	1	0	16.51	16.68	16.61	18	5
10	256QAM	1	25	16.58	16.71	16.68		
10	256QAM	1	49	16.62	16.73	16.62		
10	256QAM	25	0	16.49	16.45	16.46	18	5
10	256QAM	25	12	16.36	16.54	16.31		
10	256QAM	25	25	16.32	16.50	16.39		
10	256QAM	50	0	16.35	16.63	16.32		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.64	21.75	21.58	23	0
5	QPSK	1	12	21.60	21.63	21.65		
5	QPSK	1	24	21.56	21.61	21.55		
5	QPSK	12	0	20.57	20.59	20.52	22	1
5	QPSK	12	7	20.54	20.62	20.56		
5	QPSK	12	13	20.49	20.57	20.49		
5	QPSK	25	0	20.39	20.61	20.55		
5	16QAM	1	0	20.85	20.95	20.92	22	1
5	16QAM	1	12	20.93	21.00	20.96		
5	16QAM	1	24	20.95	20.99	20.80		
5	16QAM	12	0	19.55	19.66	19.49	21	2
5	16QAM	12	7	19.45	19.61	19.40		
5	16QAM	12	13	19.47	19.63	19.49		
5	16QAM	25	0	19.51	19.62	19.42		
5	64QAM	1	0	19.77	19.78	19.73	21	2
5	64QAM	1	12	19.75	19.66	19.72		
5	64QAM	1	24	19.67	19.78	19.74		
5	64QAM	12	0	18.61	18.52	18.52	20	3
5	64QAM	12	7	18.61	18.62	18.67		
5	64QAM	12	13	18.49	18.63	18.48		
5	64QAM	25	0	18.36	18.51	18.41		
5	256QAM	1	0	16.61	16.78	16.65	18	5
5	256QAM	1	12	16.55	16.65	16.74		
5	256QAM	1	24	16.60	16.72	16.61		
5	256QAM	12	0	16.57	16.53	16.46	18	5
5	256QAM	12	7	16.40	16.56	16.42		
5	256QAM	12	13	16.32	16.52	16.46		
5	256QAM	25	0	16.40	16.65	16.34		

Band 12 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.83	21.96	21.87	23	0
10	QPSK	1	25	21.74	21.73	21.89		
10	QPSK	1	49	21.90	21.84	21.67		
10	QPSK	25	0	20.86	20.91	20.89	22	1
10	QPSK	25	12	20.68	20.83	20.52		
10	QPSK	25	25	20.72	20.68	20.57		
10	QPSK	50	0	20.85	20.89	20.83		
10	16QAM	1	0	21.14	21.20	21.18	22	1
10	16QAM	1	25	21.10	21.22	20.99		
10	16QAM	1	49	21.13	21.25	21.13		
10	16QAM	25	0	19.65	19.79	19.54	21	2
10	16QAM	25	12	19.65	19.74	19.61		
10	16QAM	25	25	19.72	19.69	19.76		
10	16QAM	50	0	19.69	19.69	19.64		
10	64QAM	1	0	19.85	19.85	19.95	21	2
10	64QAM	1	25	19.80	19.87	19.91		
10	64QAM	1	49	19.88	19.98	19.81		
10	64QAM	25	0	18.85	18.81	18.62	20	3
10	64QAM	25	12	18.61	18.70	18.76		
10	64QAM	25	25	18.70	18.78	18.66		
10	64QAM	50	0	18.65	18.71	18.67		
10	256QAM	1	0	16.84	16.91	16.89	18	5
10	256QAM	1	25	16.87	16.99	16.83		
10	256QAM	1	49	16.80	16.92	16.78		
10	256QAM	25	0	16.83	16.93	16.83	18	5
10	256QAM	25	12	16.87	16.89	16.83		
10	256QAM	25	25	16.87	16.95	16.78		
10	256QAM	50	0	16.81	16.94	16.78		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.86	21.86	21.81	23	0
5	QPSK	1	12	21.73	21.74	21.80		
5	QPSK	1	24	21.80	21.82	21.63		
5	QPSK	12	0	20.81	20.83	20.71	22	1
5	QPSK	12	7	20.66	20.69	20.47		
5	QPSK	12	13	20.71	20.63	20.56		
5	QPSK	25	0	20.76	20.84	20.73		
5	16QAM	1	0	21.06	21.26	21.18	22	1
5	16QAM	1	12	21.11	21.20	20.93		
5	16QAM	1	24	21.10	21.22	21.11		
5	16QAM	12	0	19.59	19.79	19.60	21	2
5	16QAM	12	7	19.60	19.67	19.64		
5	16QAM	12	13	19.71	19.60	19.69		
5	16QAM	25	0	19.61	19.69	19.59		
5	64QAM	1	0	19.85	19.88	19.93	21	2
5	64QAM	1	12	19.87	19.94	19.86		
5	64QAM	1	24	19.77	19.95	19.71		
5	64QAM	12	0	18.84	18.69	18.55	20	3
5	64QAM	12	7	18.59	18.65	18.70		
5	64QAM	12	13	18.64	18.76	18.60		
5	64QAM	25	0	18.59	18.71	18.66		
5	256QAM	1	0	16.83	16.93	16.81	18	5
5	256QAM	1	12	16.82	16.97	16.78		
5	256QAM	1	24	16.81	16.92	16.84		
5	256QAM	12	0	16.83	16.93	16.82	18	5
5	256QAM	12	7	16.80	16.87	16.83		
5	256QAM	12	13	16.81	16.85	16.81		
5	256QAM	25	0	16.84	16.94	16.79		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.87	21.93	21.84	23	0
3	QPSK	1	8	21.71	21.66	21.79		
3	QPSK	1	14	21.86	21.85	21.64		
3	QPSK	8	0	20.82	20.87	20.79	22	1
3	QPSK	8	4	20.61	20.79	20.51		
3	QPSK	8	7	20.70	20.63	20.57		
3	QPSK	15	0	20.69	20.86	20.75		
3	16QAM	1	0	21.02	21.24	21.16	22	1
3	16QAM	1	8	21.12	21.23	20.99		
3	16QAM	1	14	21.13	21.18	21.04		
3	16QAM	8	0	19.57	19.74	19.51	21	2
3	16QAM	8	4	19.58	19.72	19.67		
3	16QAM	8	7	19.63	19.69	19.74		
3	16QAM	15	0	19.64	19.73	19.68		
3	64QAM	1	0	19.87	19.81	19.94	21	2
3	64QAM	1	8	19.82	19.92	19.96		
3	64QAM	1	14	19.84	20.02	19.78		
3	64QAM	8	0	18.75	18.70	18.52	20	3
3	64QAM	8	4	18.58	18.65	18.67		
3	64QAM	8	7	18.67	18.74	18.62		
3	64QAM	15	0	18.56	18.67	18.72		
3	256QAM	1	0	16.85	16.95	16.75	18	5
3	256QAM	1	8	16.85	16.88	16.77		
3	256QAM	1	14	16.86	16.87	16.84		
3	256QAM	8	0	16.77	16.96	16.78	18	5
3	256QAM	8	4	16.82	16.90	16.79		
3	256QAM	8	7	16.83	16.94	16.82		
3	256QAM	15	0	16.84	16.94	16.78		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.78	21.91	21.88	23	0
1.4	QPSK	1	3	21.63	21.68	21.83		
1.4	QPSK	1	5	21.85	21.77	21.63		
1.4	QPSK	3	0	21.79	21.84	21.84		
1.4	QPSK	3	1	21.70	21.70	21.79		
1.4	QPSK	3	3	21.86	21.84	21.65		
1.4	QPSK	6	0	20.84	20.88	20.79	22	1
1.4	16QAM	1	0	20.62	20.69	20.50	22	1
1.4	16QAM	1	3	20.61	20.59	20.55		
1.4	16QAM	1	5	20.80	20.76	20.77		
1.4	16QAM	3	0	20.80	20.90	20.75		
1.4	16QAM	3	1	20.69	20.71	20.58		
1.4	16QAM	3	3	20.68	20.64	20.60		
1.4	16QAM	6	0	19.62	19.83	19.53	21	2
1.4	64QAM	1	0	19.60	19.72	19.62	21	2
1.4	64QAM	1	3	19.69	19.71	19.66		
1.4	64QAM	1	5	19.65	19.84	19.56		
1.4	64QAM	3	0	19.61	19.67	19.58		
1.4	64QAM	3	1	19.70	19.63	19.64		
1.4	64QAM	3	3	19.62	19.71	19.62		
1.4	64QAM	6	0	18.77	18.78	18.57	20	3
1.4	256QAM	1	0	16.84	16.88	16.74	18	5
1.4	256QAM	1	3	16.82	16.90	16.86		
1.4	256QAM	1	5	16.85	16.96	16.76		
1.4	256QAM	3	0	16.79	16.96	16.82		
1.4	256QAM	3	1	16.86	16.88	16.86		
1.4	256QAM	3	3	16.84	16.87	16.79		
1.4	256QAM	6	0	16.83	16.95	16.84	18	5

Band 13 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.73		23	0
10	QPSK	1	25		21.60			
10	QPSK	1	49		21.58			
10	QPSK	25	0		20.66		22	1
10	QPSK	25	12		20.56			
10	QPSK	25	25		20.44			
10	QPSK	50	0		20.64			
10	16QAM	1	0		21.08		22	1
10	16QAM	1	25		21.12			
10	16QAM	1	49		21.00			
10	16QAM	25	0		19.65		21	2
10	16QAM	25	12		19.51			
10	16QAM	25	25		19.55			
10	16QAM	50	0		19.58			
10	64QAM	1	0		19.73		21	2
10	64QAM	1	25		19.74			
10	64QAM	1	49		19.87			
10	64QAM	25	0		18.55		20	3
10	64QAM	25	12		18.48			
10	64QAM	25	25		18.62			
10	64QAM	50	0		18.54			
10	256QAM	1	0		16.81		18	5
10	256QAM	1	25		16.77			
10	256QAM	1	49		16.73			
10	256QAM	25	0		16.82		18	5
10	256QAM	25	12		16.73			
10	256QAM	25	25		16.76			
10	256QAM	50	0		16.78			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.68	21.68	21.62	23	0
5	QPSK	1	12	21.54	21.49	21.66		
5	QPSK	1	24	21.65	21.58	21.50		
5	QPSK	12	0	20.71	20.71	20.65	22	1
5	QPSK	12	7	20.47	20.60	20.32		
5	QPSK	12	13	20.48	20.54	20.41		
5	QPSK	25	0	20.66	20.67	20.63		
5	16QAM	1	0	20.90	21.11	21.00	22	1
5	16QAM	1	12	20.96	21.00	20.77		
5	16QAM	1	24	21.02	21.07	20.89		
5	16QAM	12	0	19.47	19.67	19.39	21	2
5	16QAM	12	7	19.45	19.58	19.43		
5	16QAM	12	13	19.54	19.55	19.57		
5	16QAM	25	0	19.53	19.54	19.50		
5	64QAM	1	0	19.63	19.69	19.77	21	2
5	64QAM	1	12	19.69	19.74	19.72		
5	64QAM	1	24	19.63	19.85	19.66		
5	64QAM	12	0	18.64	18.59	18.47	20	3
5	64QAM	12	7	18.49	18.55	18.53		
5	64QAM	12	13	18.47	18.52	18.50		
5	64QAM	25	0	18.51	18.60	18.49		
5	256QAM	1	0	16.65	16.74	16.64	18	5
5	256QAM	1	12	16.67	16.72	16.61		
5	256QAM	1	24	16.69	16.72	16.64		
5	256QAM	12	0	16.62	16.71	16.62	18	5
5	256QAM	12	7	16.61	16.72	16.64		
5	256QAM	12	13	16.64	16.77	16.65		
5	256QAM	25	0	16.59	16.78	16.63		

Band 17 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.79	21.95	21.89	23	0
10	QPSK	1	25	21.66	21.71	21.82		
10	QPSK	1	49	21.90	21.80	21.64		
10	QPSK	25	0	20.85	20.89	20.76	22	1
10	QPSK	25	12	20.66	20.74	20.51		
10	QPSK	25	25	20.70	20.70	20.66		
10	QPSK	50	0	20.75	20.83	20.73		
10	16QAM	1	0	21.06	21.22	21.18	22	1
10	16QAM	1	25	21.05	21.22	20.99		
10	16QAM	1	49	21.20	21.22	21.14		
10	16QAM	25	0	19.61	19.84	19.53	21	2
10	16QAM	25	12	19.63	19.66	19.62		
10	16QAM	25	25	19.64	19.74	19.75		
10	16QAM	50	0	19.72	19.71	19.61		
10	64QAM	1	0	19.86	19.87	19.96	21	2
10	64QAM	1	25	19.91	19.87	19.93		
10	64QAM	1	49	19.86	20.05	19.81		
10	64QAM	25	0	18.76	18.71	18.60	20	3
10	64QAM	25	12	18.67	18.65	18.75		
10	64QAM	25	25	18.65	18.76	18.63		
10	64QAM	50	0	18.59	18.70	18.75		
10	256QAM	1	0	16.89	16.98	16.86	18	5
10	256QAM	1	25	16.77	16.88	16.83		
10	256QAM	1	49	16.86	16.97	16.82		
10	256QAM	25	0	16.79	16.94	16.79	18	5
10	256QAM	25	12	16.80	16.91	16.87		
10	256QAM	25	25	16.77	16.94	16.80		
10	256QAM	50	0	16.83	16.89	16.82		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.87	21.93	21.83	23	0
5	QPSK	1	12	21.74	21.68	21.77		
5	QPSK	1	24	21.76	21.74	21.66		
5	QPSK	12	0	20.81	20.83	20.75	22	1
5	QPSK	12	7	20.70	20.71	20.59		
5	QPSK	12	13	20.64	20.67	20.54		
5	QPSK	25	0	20.69	20.76	20.73		
5	16QAM	1	0	21.03	21.19	21.20	22	1
5	16QAM	1	12	21.02	21.26	20.91		
5	16QAM	1	24	21.15	21.17	21.13		
5	16QAM	12	0	19.65	19.78	19.58	21	2
5	16QAM	12	7	19.66	19.72	19.60		
5	16QAM	12	13	19.64	19.69	19.75		
5	16QAM	25	0	19.66	19.67	19.68		
5	64QAM	1	0	19.85	19.83	19.88	21	2
5	64QAM	1	12	19.77	19.87	19.90		
5	64QAM	1	24	19.80	19.95	19.82		
5	64QAM	12	0	18.79	18.75	18.60	20	3
5	64QAM	12	7	18.57	18.61	18.71		
5	64QAM	12	13	18.61	18.69	18.61		
5	64QAM	25	0	18.57	18.64	18.67		
5	256QAM	1	0	16.84	16.96	16.81	18	5
5	256QAM	1	12	16.79	16.94	16.81		
5	256QAM	1	24	16.81	16.91	16.78		
5	256QAM	12	0	16.81	16.92	16.80	18	5
5	256QAM	12	7	16.74	16.86	16.74		
5	256QAM	12	13	16.80	16.96	16.80		
5	256QAM	25	0	16.79	16.95	16.79		

Band 26 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.44	22.51	22.45	24	0
15	QPSK	1	37	22.32	22.33	22.44		
15	QPSK	1	74	22.45	22.42	22.29		
15	QPSK	36	0	21.43	21.47	21.38	23	1
15	QPSK	36	20	21.28	21.37	21.16		
15	QPSK	36	39	21.29	21.27	21.22		
15	QPSK	75	0	21.38	21.45	21.36		
15	16QAM	1	0	21.69	21.86	21.83	23	1
15	16QAM	1	37	21.70	21.84	21.58		
15	16QAM	1	74	21.76	21.82	21.71		
15	16QAM	36	0	20.26	20.42	20.18	22	2
15	16QAM	36	20	20.25	20.32	20.26		
15	16QAM	36	39	20.28	20.29	20.33		
15	16QAM	75	0	20.29	20.34	20.26		
15	64QAM	1	0	20.44	20.47	20.55	22	2
15	64QAM	1	37	20.46	20.52	20.54		
15	64QAM	1	74	20.43	20.64	20.40		
15	64QAM	36	0	19.42	19.36	19.19	21	3
15	64QAM	36	20	19.26	19.28	19.35		
15	64QAM	36	39	19.29	19.16	19.27		
15	64QAM	75	0	19.23	19.33	19.30		
15	256QAM	1	0	17.35	17.54	17.28	19	5
15	256QAM	1	37	17.25	17.43	17.42		
15	256QAM	1	74	17.38	17.48	17.22		
15	256QAM	36	0	17.33	17.40	17.26	19	5
15	256QAM	36	20	17.16	17.30	17.04		
15	256QAM	36	39	17.16	17.38	17.19		
15	256QAM	75	0	17.14	17.16	17.23		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.28	22.38	22.27	24	0
10	QPSK	1	25	22.31	22.33	22.32		
10	QPSK	1	49	22.27	22.39	22.29		
10	QPSK	25	0	21.20	21.31	21.23	23	1
10	QPSK	25	12	21.19	21.23	21.10		
10	QPSK	25	25	21.19	21.14	21.20		
10	QPSK	50	0	21.29	21.32	21.20		
10	16QAM	1	0	21.54	21.69	21.67	23	1
10	16QAM	1	25	21.64	21.71	21.56		
10	16QAM	1	49	21.63	21.78	21.58		
10	16QAM	25	0	20.17	20.25	20.18	22	2
10	16QAM	25	12	20.13	20.20	20.22		
10	16QAM	25	25	20.18	20.24	20.16		
10	16QAM	50	0	20.25	20.24	20.20		
10	64QAM	1	0	20.31	20.44	20.38	22	2
10	64QAM	1	25	20.33	20.48	20.42		
10	64QAM	1	49	20.33	20.50	20.39		
10	64QAM	25	0	19.22	19.22	19.13	21	3
10	64QAM	25	12	19.27	19.23	19.27		
10	64QAM	25	25	19.20	19.28	19.16		
10	64QAM	50	0	19.18	19.21	19.16		
10	256QAM	1	0	17.21	17.42	17.23	19	5
10	256QAM	1	25	17.32	17.41	17.38		
10	256QAM	1	49	17.26	17.41	17.23		
10	256QAM	25	0	17.14	17.28	17.09	19	5
10	256QAM	25	12	17.11	17.27	17.02		
10	256QAM	25	25	17.07	17.16	17.16		
10	256QAM	50	0	17.03	17.14	17.02		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.26	22.43	22.28	24	0
5	QPSK	1	12	22.27	22.35	22.37		
5	QPSK	1	24	22.27	22.32	22.27		
5	QPSK	12	0	21.23	21.38	21.26	23	1
5	QPSK	12	7	21.14	21.25	21.12		
5	QPSK	12	13	21.22	21.24	21.17		
5	QPSK	25	0	21.22	21.32	21.21		
5	16QAM	1	0	21.63	21.76	21.73	23	1
5	16QAM	1	12	21.64	21.64	21.57		
5	16QAM	1	24	21.67	21.71	21.62		
5	16QAM	12	0	20.19	20.31	20.18	22	2
5	16QAM	12	7	20.10	20.26	20.18		
5	16QAM	12	13	20.12	20.24	20.20		
5	16QAM	25	0	20.27	20.25	20.24		
5	64QAM	1	0	20.38	20.48	20.41	22	2
5	64QAM	1	12	20.33	20.45	20.44		
5	64QAM	1	24	20.28	20.41	20.43		
5	64QAM	12	0	19.31	19.26	19.17	21	3
5	64QAM	12	7	19.21	19.26	19.26		
5	64QAM	12	13	19.09	19.23	19.21		
5	64QAM	25	0	19.20	19.20	19.12		
5	256QAM	1	0	17.20	17.46	17.19	19	5
5	256QAM	1	12	17.22	17.37	17.39		
5	256QAM	1	24	17.23	17.42	17.26		
5	256QAM	12	0	17.19	17.24	17.11	19	5
5	256QAM	12	7	17.09	17.18	17.05		
5	256QAM	12	13	17.11	17.29	17.13		
5	256QAM	25	0	17.03	17.15	17.03		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.30	22.37	22.33	24	0
3	QPSK	1	8	22.21	22.37	22.32		
3	QPSK	1	14	22.31	22.39	22.31		
3	QPSK	8	0	21.22	21.28	21.22	23	1
3	QPSK	8	4	21.16	21.22	21.12		
3	QPSK	8	7	21.19	21.21	21.18		
3	QPSK	15	0	21.19	21.27	21.22		
3	16QAM	1	0	21.59	21.72	21.72	23	1
3	16QAM	1	8	21.54	21.71	21.59		
3	16QAM	1	14	21.67	21.71	21.63		
3	16QAM	8	0	20.19	20.20	20.08	22	2
3	16QAM	8	4	20.14	20.29	20.22		
3	16QAM	8	7	20.10	20.22	20.14		
3	16QAM	15	0	20.18	20.31	20.24		
3	64QAM	1	0	20.29	20.44	20.34	22	2
3	64QAM	1	8	20.24	20.52	20.37		
3	64QAM	1	14	20.36	20.41	20.41		
3	64QAM	8	0	19.26	19.27	19.19	21	3
3	64QAM	8	4	19.23	19.21	19.28		
3	64QAM	8	7	19.20	19.28	19.15		
3	64QAM	15	0	19.19	19.18	19.18		
3	256QAM	1	0	17.21	17.42	17.17	19	5
3	256QAM	1	8	17.24	17.42	17.41		
3	256QAM	1	14	17.30	17.41	17.22		
3	256QAM	8	0	17.15	17.21	17.15	19	5
3	256QAM	8	4	17.03	17.25	17.03		
3	256QAM	8	7	17.09	17.18	17.15		
3	256QAM	15	0	17.01	17.12	17.01		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.30	22.29	22.35	24	0
1.4	QPSK	1	3	22.13	22.37	22.40		
1.4	QPSK	1	5	22.20	22.31	22.27		
1.4	QPSK	3	0	22.26	22.41	22.26		
1.4	QPSK	3	1	22.17	22.37	22.32		
1.4	QPSK	3	3	22.39	22.37	22.42		
1.4	QPSK	6	0	21.14	21.28	21.17	23	1
1.4	16QAM	1	0	21.29	21.33	21.17	23	1
1.4	16QAM	1	3	21.24	21.30	21.19		
1.4	16QAM	1	5	21.21	21.29	21.17		
1.4	16QAM	3	0	21.47	21.66	21.68		
1.4	16QAM	3	1	21.62	21.69	21.69		
1.4	16QAM	3	3	21.76	21.62	21.55		
1.4	16QAM	6	0	20.16	20.22	20.19	22	2
1.4	64QAM	1	0	20.16	20.33	20.16	22	2
1.4	64QAM	1	3	20.13	20.17	20.14		
1.4	64QAM	1	5	20.22	20.19	20.18		
1.4	64QAM	3	0	20.25	20.35	20.21		
1.4	64QAM	3	1	20.08	20.30	20.20		
1.4	64QAM	3	3	20.22	20.31	20.22		
1.4	64QAM	6	0	19.24	19.29	19.38	21	3
1.4	256QAM	1	0	17.18	17.38	17.10	19	5
1.4	256QAM	1	3	17.24	17.40	17.33		
1.4	256QAM	1	5	17.27	17.34	17.20		
1.4	256QAM	3	0	17.08	17.15	17.21		
1.4	256QAM	3	1	17.04	17.17	17.09		
1.4	256QAM	3	3	17.06	17.17	17.04		
1.4	256QAM	6	0	17.05	17.06	17.01	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.38	20.49	20.45	21.5	0
20	QPSK	1	49	20.26	20.45	20.34		
20	QPSK	1	99	20.35	20.47	20.35		
20	QPSK	50	0	19.39	19.46	19.35	20.5	1
20	QPSK	50	24	19.21	19.35	19.25		
20	QPSK	50	50	19.24	19.28	19.31		
20	QPSK	100	0	19.23	19.31	19.24		
20	16QAM	1	0	19.67	19.72	19.77	20.5	1
20	16QAM	1	49	19.60	19.80	19.75		
20	16QAM	1	99	19.77	19.71	19.60		
20	16QAM	50	0	18.24	18.30	18.25	19.5	2
20	16QAM	50	24	18.22	18.29	18.21		
20	16QAM	50	50	18.25	18.28	18.27		
20	16QAM	100	0	18.25	18.29	18.21		
20	64QAM	1	0	18.48	18.53	18.52	19.5	2
20	64QAM	1	49	18.39	18.47	18.46		
20	64QAM	1	99	18.42	18.53	18.49		
20	64QAM	50	0	17.33	17.32	17.30	18.5	3
20	64QAM	50	24	17.34	17.31	17.32		
20	64QAM	50	50	17.23	17.31	17.25		
20	64QAM	100	0	17.23	17.28	17.26		
20	256QAM	1	0	15.35	15.44	15.40	16.5	5
20	256QAM	1	49	15.25	15.44	15.42		
20	256QAM	1	99	15.34	15.36	15.31		
20	256QAM	50	0	15.24	15.27	15.18	16.5	5
20	256QAM	50	24	15.14	15.27	15.16		
20	256QAM	50	50	15.12	15.27	15.12		
20	256QAM	100	0	15.14	15.26	15.18		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.44	20.46	20.43	21.5	0
15	QPSK	1	37	20.25	20.45	20.39		
15	QPSK	1	74	20.46	20.40	20.30		
15	QPSK	36	0	19.26	19.36	19.34	20.5	1
15	QPSK	36	20	19.21	19.31	19.23		
15	QPSK	36	39	19.32	19.34	19.23		
15	QPSK	75	0	19.27	19.32	19.34		
15	16QAM	1	0	19.62	19.81	19.70	20.5	1
15	16QAM	1	37	19.61	19.71	19.72		
15	16QAM	1	74	19.68	19.76	19.62		
15	16QAM	36	0	18.33	18.35	18.26	19.5	2
15	16QAM	36	20	18.23	18.37	18.19		
15	16QAM	36	39	18.23	18.36	18.25		
15	16QAM	75	0	18.28	18.34	18.20		
15	64QAM	1	0	18.40	18.59	18.52	19.5	2
15	64QAM	1	37	18.48	18.55	18.45		
15	64QAM	1	74	18.39	18.59	18.56		
15	64QAM	36	0	17.36	17.34	17.20	18.5	3
15	64QAM	36	20	17.34	17.40	17.32		
15	64QAM	36	39	17.25	17.39	17.25		
15	64QAM	75	0	17.28	17.24	17.28		
15	256QAM	1	0	15.34	15.41	15.37	16.5	5
15	256QAM	1	37	15.36	15.47	15.42		
15	256QAM	1	74	15.37	15.40	15.31		
15	256QAM	36	0	15.24	15.33	15.15	16.5	5
15	256QAM	36	20	15.15	15.25	15.15		
15	256QAM	36	39	15.17	15.32	15.17		
15	256QAM	75	0	15.14	15.26	15.19		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.41	20.41	20.37	21.5	0
10	QPSK	1	25	20.34	20.41	20.35		
10	QPSK	1	49	20.37	20.47	20.31		
10	QPSK	25	0	19.28	19.39	19.34	20.5	1
10	QPSK	25	12	19.32	19.39	19.22		
10	QPSK	25	25	19.26	19.37	19.30		
10	QPSK	50	0	19.28	19.25	19.23		
10	16QAM	1	0	19.66	19.78	19.68	20.5	1
10	16QAM	1	25	19.62	19.78	19.67		
10	16QAM	1	49	19.78	19.78	19.60		
10	16QAM	25	0	18.32	18.28	18.21	19.5	2
10	16QAM	25	12	18.21	18.28	18.23		
10	16QAM	25	25	18.24	18.34	18.27		
10	16QAM	50	0	18.26	18.26	18.15		
10	64QAM	1	0	18.37	18.61	18.45	19.5	2
10	64QAM	1	25	18.43	18.56	18.39		
10	64QAM	1	49	18.40	18.60	18.53		
10	64QAM	25	0	17.32	17.33	17.28	18.5	3
10	64QAM	25	12	17.34	17.41	17.38		
10	64QAM	25	25	17.31	17.37	17.30		
10	64QAM	50	0	17.28	17.32	17.26		
10	256QAM	1	0	15.35	15.41	15.35	16.5	5
10	256QAM	1	25	15.28	15.44	15.39		
10	256QAM	1	49	15.33	15.47	15.29		
10	256QAM	25	0	15.27	15.33	15.23	16.5	5
10	256QAM	25	12	15.17	15.26	15.08		
10	256QAM	25	25	15.15	15.29	15.15		
10	256QAM	50	0	15.18	15.29	15.14		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.45	20.42	20.39	21.5	0
5	QPSK	1	12	20.30	20.41	20.36		
5	QPSK	1	24	20.36	20.40	20.41		
5	QPSK	12	0	19.30	19.39	19.32	20.5	1
5	QPSK	12	7	19.25	19.29	19.19		
5	QPSK	12	13	19.33	19.27	19.26		
5	QPSK	25	0	19.27	19.28	19.23		
5	16QAM	1	0	19.65	19.77	19.74	20.5	1
5	16QAM	1	12	19.59	19.72	19.71		
5	16QAM	1	24	19.78	19.82	19.58		
5	16QAM	12	0	18.25	18.30	18.26	19.5	2
5	16QAM	12	7	18.22	18.32	18.27		
5	16QAM	12	13	18.21	18.31	18.31		
5	16QAM	25	0	18.28	18.30	18.22		
5	64QAM	1	0	18.40	18.60	18.45	19.5	2
5	64QAM	1	12	18.39	18.48	18.47		
5	64QAM	1	24	18.41	18.59	18.50		
5	64QAM	12	0	17.29	17.38	17.29	18.5	3
5	64QAM	12	7	17.33	17.33	17.37		
5	64QAM	12	13	17.22	17.41	17.23		
5	64QAM	25	0	17.23	17.30	17.24		
5	256QAM	1	0	15.37	15.44	15.35	16.5	5
5	256QAM	1	12	15.32	15.39	15.42		
5	256QAM	1	24	15.34	15.36	15.36		
5	256QAM	12	0	15.23	15.29	15.13	16.5	5
5	256QAM	12	7	15.13	15.23	15.15		
5	256QAM	12	13	15.15	15.32	15.11		
5	256QAM	25	0	15.21	15.23	15.13		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.46	20.43	20.38	21.5	0
3	QPSK	1	8	20.33	20.37	20.41		
3	QPSK	1	14	20.37	20.48	20.30		
3	QPSK	8	0	19.23	19.35	19.28	20.5	1
3	QPSK	8	4	19.31	19.37	19.24		
3	QPSK	8	7	19.31	19.37	19.27		
3	QPSK	15	0	19.29	19.33	19.24		
3	16QAM	1	0	19.66	19.79	19.76	20.5	1
3	16QAM	1	8	19.69	19.70	19.71		
3	16QAM	1	14	19.77	19.77	19.67		
3	16QAM	8	0	18.26	18.40	18.29	19.5	2
3	16QAM	8	4	18.15	18.39	18.21		
3	16QAM	8	7	18.22	18.37	18.26		
3	16QAM	15	0	18.24	18.34	18.17		
3	64QAM	1	0	18.46	18.59	18.45	19.5	2
3	64QAM	1	8	18.48	18.55	18.45		
3	64QAM	1	14	18.48	18.50	18.56		
3	64QAM	8	0	17.27	17.34	17.22	18.5	3
3	64QAM	8	4	17.34	17.32	17.29		
3	64QAM	8	7	17.31	17.38	17.21		
3	64QAM	15	0	17.16	17.27	17.22		
3	256QAM	1	0	15.32	15.44	15.40	16.5	5
3	256QAM	1	8	15.31	15.44	15.38		
3	256QAM	1	14	15.36	15.36	15.29		
3	256QAM	8	0	15.19	15.26	15.20	16.5	5
3	256QAM	8	4	15.14	15.24	15.12		
3	256QAM	8	7	15.21	15.32	15.16		
3	256QAM	15	0	15.21	15.28	15.10		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.34	20.34	20.29	21.5	0
1.4	QPSK	1	3	20.27	20.38	20.32		
1.4	QPSK	1	5	20.33	20.36	20.38		
1.4	QPSK	3	0	20.36	20.43	20.29		
1.4	QPSK	3	1	20.14	20.33	20.32		
1.4	QPSK	3	3	20.29	20.36	20.38		
1.4	QPSK	6	0	19.21	19.33	19.13	20.5	1
1.4	16QAM	1	0	19.14	19.24	19.11	20.5	1
1.4	16QAM	1	3	19.18	19.22	19.28		
1.4	16QAM	1	5	19.22	19.31	19.22		
1.4	16QAM	3	0	19.49	19.70	19.64		
1.4	16QAM	3	1	19.52	19.65	19.64		
1.4	16QAM	3	3	19.66	19.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.69	21.73	21.65	23	0
20	QPSK	1	49	21.58	21.72	21.59		
20	QPSK	1	99	21.56	21.71	21.58		
20	QPSK	50	0	20.63	20.67	20.64	22	1
20	QPSK	50	24	20.51	20.54	20.47		
20	QPSK	50	50	20.46	20.59	20.53		
20	QPSK	100	0	20.54	20.65	20.57		
20	16QAM	1	0	20.81	20.91	20.96	22	1
20	16QAM	1	49	20.88	21.07	20.93		
20	16QAM	1	99	20.97	21.04	20.81		
20	16QAM	50	0	19.47	19.60	19.46	21	2
20	16QAM	50	24	19.37	19.64	19.48		
20	16QAM	50	50	19.55	19.60	19.58		
20	16QAM	100	0	19.47	19.59	19.51		
20	64QAM	1	0	19.67	19.73	19.76	21	2
20	64QAM	1	49	19.74	19.73	19.66		
20	64QAM	1	99	19.61	19.88	19.80		
20	64QAM	50	0	18.62	18.63	18.54	20	3
20	64QAM	50	24	18.60	18.64	18.64		
20	64QAM	50	50	18.53	18.61	18.55		
20	64QAM	100	0	18.38	18.50	18.49		
20	256QAM	1	0	16.62	16.68	16.70	18	5
20	256QAM	1	49	16.50	16.68	16.76		
20	256QAM	1	99	16.61	16.66	16.65		
20	256QAM	50	0	16.50	16.47	16.53	18	5
20	256QAM	50	24	16.37	16.54	16.35		
20	256QAM	50	50	16.39	16.56	16.42		
20	256QAM	100	0	16.45	16.65	16.38		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.62	21.71	21.64	23	0
15	QPSK	1	37	21.56	21.65	21.60		
15	QPSK	1	74	21.63	21.62	21.60		
15	QPSK	36	0	20.54	20.59	20.60	22	1
15	QPSK	36	20	20.51	20.56	20.45		
15	QPSK	36	39	20.47	20.56	20.58		
15	QPSK	75	0	20.45	20.53	20.57		
15	16QAM	1	0	20.81	21.02	20.94	22	1
15	16QAM	1	37	20.93	21.01	20.91		
15	16QAM	1	74	20.98	21.06	20.90		
15	16QAM	36	0	19.46	19.63	19.53	21	2
15	16QAM	36	20	19.45	19.57	19.43		
15	16QAM	36	39	19.46	19.62	19.55		
15	16QAM	75	0	19.48	19.58	19.44		
15	64QAM	1	0	19.75	19.77	19.67	21	2
15	64QAM	1	37	19.67	19.78	19.66		
15	64QAM	1	74	19.62	19.87	19.75		
15	64QAM	36	0	18.68	18.59	18.56	20	3
15	64QAM	36	20	18.54	18.70	18.63		
15	64QAM	36	39	18.52	18.58	18.51		
15	64QAM	75	0	18.47	18.45	18.48		
15	256QAM	1	0	16.55	16.75	16.61	18	5
15	256QAM	1	37	16.53	16.75	16.71		
15	256QAM	1	74	16.59	16.73	16.61		
15	256QAM	36	0	16.52	16.48	16.50	18	5
15	256QAM	36	20	16.35	16.53	16.43		
15	256QAM	36	39	16.39	16.57	16.39		
15	256QAM	75	0	16.46	16.65	16.36		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.66	21.72	21.66	23	0
10	QPSK	1	25	21.51	21.67	21.58		
10	QPSK	1	49	21.57	21.67	21.54		
10	QPSK	25	0	20.51	20.65	20.55	22	1
10	QPSK	25	12	20.58	20.53	20.56		
10	QPSK	25	25	20.52	20.61	20.59		
10	QPSK	50	0	20.43	20.62	20.58		
10	16QAM	1	0	20.86	21.00	20.96	22	1
10	16QAM	1	25	20.88	21.10	20.87		
10	16QAM	1	49	20.97	21.03	20.81		
10	16QAM	25	0	19.48	19.63	19.53	21	2
10	16QAM	25	12	19.48	19.60	19.44		
10	16QAM	25	25	19.51	19.53	19.52		
10	16QAM	50	0	19.48	19.60	19.41		
10	64QAM	1	0	19.78	19.80	19.66	21	2
10	64QAM	1	25	19.74	19.76	19.69		
10	64QAM	1	49	19.58	19.82	19.84		
10	64QAM	25	0	18.63	18.55	18.52	20	3
10	64QAM	25	12	18.49	18.60	18.61		
10	64QAM	25	25	18.51	18.57	18.48		
10	64QAM	50	0	18.44	18.52	18.41		
10	256QAM	1	0	16.61	16.74	16.67	18	5
10	256QAM	1	25	16.54	16.75	16.74		
10	256QAM	1	49	16.63	16.67	16.67		
10	256QAM	25	0	16.51	16.50	16.53	18	5
10	256QAM	25	12	16.45	16.58	16.34		
10	256QAM	25	25	16.38	16.49	16.49		
10	256QAM	50	0	16.39	16.54	16.40		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.60	21.70	21.68	23	0
5	QPSK	1	12	21.51	21.71	21.62		
5	QPSK	1	24	21.64	21.60	21.60		
5	QPSK	12	0	20.54	20.57	20.54	22	1
5	QPSK	12	7	20.61	20.56	20.49		
5	QPSK	12	13	20.47	20.58	20.48		
5	QPSK	25	0	20.45	20.54	20.61		
5	16QAM	1	0	20.87	20.93	20.93	22	1
5	16QAM	1	12	20.96	21.00	20.98		
5	16QAM	1	24	20.97	21.02	20.84		
5	16QAM	12	0	19.55	19.68	19.47	21	2
5	16QAM	12	7	19.42	19.55	19.37		
5	16QAM	12	13	19.50	19.57	19.57		
5	16QAM	25	0	19.42	19.57	19.52		
5	64QAM	1	0	19.68	19.79	19.64	21	2
5	64QAM	1	12	19.74	19.70	19.70		
5	64QAM	1	24	19.59	19.87	19.85		
5	64QAM	12	0	18.69	18.56	18.50	20	3
5	64QAM	12	7	18.61	18.63	18.64		
5	64QAM	12	13	18.54	18.62	18.54		
5	64QAM	25	0	18.39	18.46	18.42		
5	256QAM	1	0	16.52	16.78	16.64	18	5
5	256QAM	1	12	16.48	16.72	16.66		
5	256QAM	1	24	16.67	16.65	16.57		
5	256QAM	12	0	16.46	16.47	16.46	18	5
5	256QAM	12	7	16.42	16.54	16.32		
5	256QAM	12	13	16.40	16.53	16.49		
5	256QAM	25	0	16.43	16.65	16.32		

Band 41 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.68	21.69	21.75	21.72	21.61	23	0
20	QPSK	1	49	21.50	21.63	21.61	21.70	21.66		
20	QPSK	1	99	21.67	21.66	21.57	21.66	21.55		
20	QPSK	50	0	20.56	20.67	20.71	20.66	20.49	22	1
20	QPSK	50	24	20.58	20.56	20.53	20.60	20.54		
20	QPSK	50	50	20.50	20.50	20.51	20.55	20.49		
20	QPSK	100	0	20.65	20.64	20.69	20.62	20.57		
20	16QAM	1	0	20.90	20.96	20.91	21.01	20.96	22	1
20	16QAM	1	49	20.91	20.98	20.90	21.00	20.89		
20	16QAM	1	99	20.94	21.03	21.03	21.02	20.87		
20	16QAM	50	0	19.46	19.65	19.51	19.69	19.47	21	2
20	16QAM	50	24	19.44	19.54	19.46	19.58	19.38		
20	16QAM	50	50	19.50	19.59	19.49	19.58	19.52		
20	16QAM	100	0	19.52	19.64	19.52	19.62	19.44		
20	64QAM	1	0	19.79	19.82	19.77	19.82	19.74	21	2
20	64QAM	1	49	19.76	19.72	19.71	19.68	19.75		
20	64QAM	1	99	19.67	19.86	19.67	19.77	19.85		
20	64QAM	50	0	18.59	18.55	18.62	18.57	18.50	20	3
20	64QAM	50	24	18.50	18.60	18.50	18.69	18.62		
20	64QAM	50	50	18.54	18.57	18.49	18.61	18.49		
20	64QAM	100	0	18.46	18.47	18.38	18.41	18.49		
20	256QAM	1	0	16.61	16.70	16.53	16.77	16.63	18	5
20	256QAM	1	49	16.49	16.69	16.48	16.66	16.74		
20	256QAM	1	99	16.66	16.74	16.62	16.72	16.66		
20	256QAM	50	0	16.55	16.49	16.45	16.51	16.53	18	5
20	256QAM	50	24	16.43	16.59	16.42	16.53	16.36		
20	256QAM	50	50	16.33	16.51	16.38	16.58	16.48		
20	256QAM	100	0	16.41	16.60	16.45	16.55	16.39		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.62	21.72	21.70	21.71	21.64	23	0
15	QPSK	1	37	21.54	21.70	21.56	21.67	21.60		
15	QPSK	1	74	21.56	21.62	21.59	21.63	21.58		
15	QPSK	36	0	20.50	20.63	20.51	20.58	20.53	22	1
15	QPSK	36	20	20.53	20.62	20.56	20.55	20.56		
15	QPSK	36	39	20.47	20.57	20.46	20.53	20.53		
15	QPSK	75	0	20.42	20.60	20.41	20.64	20.59		
15	16QAM	1	0	20.89	20.99	20.83	20.98	20.92	22	1
15	16QAM	1	37	20.91	21.00	20.94	21.09	20.95		
15	16QAM	1	74	21.00	21.07	21.03	21.00	20.81		
15	16QAM	36	0	19.54	19.66	19.55	19.65	19.51	21	2
15	16QAM	36	20	19.42	19.59	19.49	19.53	19.40		
15	16QAM	36	39	19.45	19.59	19.54	19.58	19.53		
15	16QAM	75	0	19.48	19.54	19.42	19.55	19.42		
15	64QAM	1	0	19.70	19.83	19.76	19.81	19.76	21	2
15	64QAM	1	37	19.68	19.74	19.71	19.73	19.74		
15	64QAM	1	74	19.62	19.79	19.62	19.80	19.79		
15	64QAM	36	0	18.68	18.55	18.65	18.63	18.60	20	3
15	64QAM	36	20	18.52	18.69	18.59	18.61	18.62		
15	64QAM	36	39	18.56	18.63	18.57	18.58	18.46		
15	64QAM	75	0	18.36	18.48	18.42	18.45	18.50		
15	256QAM	1	0	16.56	16.78	16.51	16.73	16.60	18	5
15	256QAM	1	37	16.56	16.69	16.58	16.75	16.64		
15	256QAM	1	74	16.68	16.72	16.70	16.70	16.58		
15	256QAM	36	0	16.47	16.49	16.45	16.51	16.47	18	5
15	256QAM	36	20	16.35	16.61	16.44	16.50	16.35		
15	256QAM	36	39	16.41	16.61	16.38	16.55	16.43		
15	256QAM	75	0	16.35	16.54	16.44	16.53	16.40		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.70	21.64	21.59	21.66	21.59	23	0
10	QPSK	1	25	21.62	21.62	21.50	21.64	21.62		
10	QPSK	1	49	21.62	21.66	21.61	21.68	21.52		
10	QPSK	25	0	20.55	20.62	20.60	20.56	20.53	22	1
10	QPSK	25	12	20.57	20.64	20.53	20.58	20.50		
10	QPSK	25	25	20.53	20.58	20.55	20.57	20.58		
10	QPSK	50	0	20.42	20.63	20.41	20.58	20.55		
10	16QAM	1	0	20.79	20.94	20.84	20.97	20.99	22	1
10	16QAM	1	25	20.96	21.02	20.95	20.98	20.94		
10	16QAM	1	49	21.04	21.00	20.96	20.97	20.86		
10	16QAM	25	0	19.54	19.60	19.52	19.68	19.42	21	2
10	16QAM	25	12	19.45	19.58	19.45	19.58	19.43		
10	16QAM	25	25	19.48	19.64	19.47	19.62	19.48		
10	16QAM	50	0	19.53	19.56	19.53	19.60	19.49		
10	64QAM	1	0	19.74	19.83	19.77	19.82	19.68	21	2
10	64QAM	1	25	19.73	19.70	19.67	19.67	19.69		
10	64QAM	1	49	19.58	19.85	19.68	19.79	19.83		
10	64QAM	25	0	18.64	18.63	18.68	18.59	18.53	20	3
10	64QAM	25	12	18.57	18.62	18.53	18.64	18.66		
10	64QAM	25	25	18.48	18.60	18.49	18.64	18.53		
10	64QAM	50	0	18.44	18.49	18.38	18.49	18.47		
10	256QAM	1	0	16.52	16.76	16.50	16.73	16.61	18	5
10	256QAM	1	25	16.59	16.70	16.54	16.71	16.68		
10	256QAM	1	49	16.69	16.72	16.61	16.65	16.57		
10	256QAM	25	0	16.52	16.53	16.45	16.46	16.48	18	5
10	256QAM	25	12	16.42	16.58	16.37	16.58	16.37		
10	256QAM	25	25	16.40	16.52	16.37	16.49	16.50		
10	256QAM	50	0	16.44	16.55	16.45	16.53	16.38		
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	21.59	21.70	21.59	21.70	21.65	23	0
5	QPSK	1	12	21.60	21.74	21.61	21.66	21.68		
5	QPSK	1	24	21.62	21.67	21.64	21.71	21.51		
5	QPSK	12	0	20.60	20.62	20.49	20.66	20.58	22	1
5	QPSK	12	7	20.61	20.63	20.61	20.56	20.56		
5	QPSK	12	13	20.48	20.53	20.46	20.60	20.56		
5	QPSK	25	0	20.36	20.63	20.39	20.56	20.57		
5	16QAM	1	0	20.80	20.96	20.87	20.98	20.99	22	1
5	16QAM	1	12	20.87	21.07	20.88	21.08	20.88		
5	16QAM	1	24	20.98	21.02	21.00	21.03	20.86		
5	16QAM	12	0	19.54	19.62	19.51	19.65	19.43	21	2
5	16QAM	12	7	19.41	19.53	19.45	19.61	19.40		
5	16QAM	12	13	19.54	19.60	19.53	19.55	19.53		
5	16QAM	25	0	19.52	19.62	19.43	19.59	19.47		
5	64QAM	1	0	19.69	19.75	19.77	19.78	19.72	21	2
5	64QAM	1	12	19.67	19.77	19.71	19.70	19.67		
5	64QAM	1	24	19.64	19.84	19.58	19.77	19.75		
5	64QAM	12	0	18.69	18.63	18.60	18.59	18.56	20	3
5	64QAM	12	7	18.60	18.61	18.55	18.68	18.66		
5	64QAM	12	13	18.53	18.64	18.58	18.67	18.48		
5	64QAM	25	0	18.39	18.47	18.41	18.42	18.50		
5	256QAM	1	0	16.52	16.76	16.56	16.67	16.70	18	5
5	256QAM	1	12	16.57	16.69	16.57	16.69	16.67		
5	256QAM	1	24	16.66	16.68	16.64	16.73	16.61		
5	256QAM	12	0	16.50	16.46	16.47	16.52	16.47	18	5
5	256QAM	12	7	16.41	16.53	16.44	16.54	16.39		
5	256QAM	12	13	16.37	16.56	16.36	16.55	16.49		
5	256QAM	25	0	16.36	16.55	16.42	16.65	16.41		

GSM1900 Ant2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.86	28.73	28.55	30.50	19.86	19.73	19.55	21.50
GPRS 1 Tx slot	28.85	28.72	28.54	30.50	19.85	19.72	19.54	21.50
GPRS 2 Tx slots	28.08	27.95	27.82	29.00	22.08	21.95	21.82	23.00
GPRS 3 Tx slots	26.31	26.34	26.25	27.50	22.05	22.08	21.99	23.24
GPRS 4 Tx slots	25.24	25.16	25.06	26.00	22.24	22.16	22.06	23.00
EDGE 1 Tx slot	24.40	24.61	24.81	25.50	15.40	15.61	15.81	16.50
EDGE 2 Tx slots	23.32	23.48	23.73	24.50	17.32	17.48	17.73	18.50
EDGE 3 Tx slots	21.27	21.44	21.67	22.50	17.01	17.18	17.41	18.24
EDGE 4 Tx slots	20.15	20.20	20.28	21.00	17.15	17.20	17.28	18.00

Band		WCDMA II Ant2			Tune-up Limit (dBm)	WCDMA IV Ant2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.65	22.54	22.51	24.00	22.67	22.74	22.61	24.00
3GPP Rel 99	RMC 12.2Kbps	22.63	22.68	22.66	24.00	22.73	22.78	22.75	24.00
3GPP Rel 6	HSDPA Subtest-1	21.63	21.66	21.61	23.00	21.76	21.74	21.70	23.00
3GPP Rel 6	HSDPA Subtest-2	21.62	21.70	21.59	23.00	21.72	21.80	21.73	23.00
3GPP Rel 6	HSDPA Subtest-3	21.16	21.22	20.94	22.50	21.20	21.34	21.04	22.50
3GPP Rel 6	HSDPA Subtest-4	21.24	21.22	20.98	22.50	21.38	21.30	21.05	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.58	21.70	21.53	23.00	21.79	21.86	21.67	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.72	21.63	21.54	23.00	21.77	21.65	21.57	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.14	21.19	21.11	22.50	21.28	21.24	21.21	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.17	21.20	21.14	22.50	21.24	21.33	21.26	22.50
3GPP Rel 6	HSUPA Subtest-1	21.60	21.55	21.52	23.00	21.78	21.65	21.60	23.00
3GPP Rel 6	HSUPA Subtest-2	19.65	19.63	19.47	21.00	19.77	19.68	19.53	21.00
3GPP Rel 6	HSUPA Subtest-3	20.77	20.65	20.59	22.00	20.83	20.78	20.75	22.00
3GPP Rel 6	HSUPA Subtest-4	19.73	19.59	19.66	21.00	19.90	19.73	19.74	21.00
3GPP Rel 6	HSUPA Subtest-5	21.64	21.65	21.62	23.00	21.71	21.82	21.73	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.28	19.32	19.27	20.50	19.42	19.38	19.38	20.50

Band 2 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.39	22.49	22.45		
20	QPSK	1	49	22.36	22.45	22.34	24	0
20	QPSK	1	99	22.37	22.36	22.34		
20	QPSK	50	0	21.38	21.42	21.34		
20	QPSK	50	24	21.30	21.30	21.27	23	1
20	QPSK	50	50	21.28	21.37	21.33		
20	QPSK	100	0	21.36	21.39	21.30		
20	16QAM	1	0	21.67	21.69	21.74		
20	16QAM	1	49	21.72	21.74	21.68	23	1
20	16QAM	1	99	21.72	21.74	21.61		
20	16QAM	50	0	20.32	20.43	20.30		
20	16QAM	50	24	20.31	20.38	20.34	22	2
20	16QAM	50	50	20.35	20.31	20.35		
20	16QAM	100	0	20.34	20.30	20.33		
20	64QAM	1	0	20.52	20.50	20.42		
20	64QAM	1	49	20.46	20.47	20.49	22	2
20	64QAM	1	99	20.44	20.53	20.55		
20	64QAM	50	0	19.39	19.30	19.36		
20	64QAM	50	24	19.27	19.40	19.43	21	3
20	64QAM	50	50	19.35	19.35	19.28		
20	64QAM	100	0	19.31	19.32	19.34		
20	256QAM	1	0	17.40	17.54	17.40		
20	256QAM	1	49	17.36	17.52	17.50	19	5
20	256QAM	1	99	17.44	17.48	17.38		
20	256QAM	50	0	17.43	17.43	17.43		
20	256QAM	50	24	17.36	17.46	17.38	19	5
20	256QAM	50	50	17.40	17.46	17.38		
20	256QAM	100	0	17.43	17.47	17.40		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.44	22.42	22.43		
15	QPSK	1	37	22.34	22.45	22.40	24	0
15	QPSK	1	74	22.39	22.43	22.33		
15	QPSK	36	0	21.30	21.27	21.25		
15	QPSK	36	20	21.32	21.36	21.25	23	1
15	QPSK	36	39	21.32	21.38	21.33		
15	QPSK	75	0	21.28	21.41	21.34		
15	16QAM	1	0	21.67	21.74	21.71		
15	16QAM	1	37	21.68	21.77	21.68	23	1
15	16QAM	1	74	21.79	21.77	21.62		
15	16QAM	36	0	20.29	20.41	20.35		
15	16QAM	36	20	20.35	20.38	20.35	22	2
15	16QAM	36	39	20.37	20.32	20.35		
15	16QAM	75	0	20.40	20.35	20.31		
15	64QAM	1	0	20.52	20.48	20.45		
15	64QAM	1	37	20.51	20.51	20.49	22	2
15	64QAM	1	74	20.44	20.56	20.61		
15	64QAM	36	0	19.44	19.32	19.30		
15	64QAM	36	20	19.26	19.40	19.43	21	3
15	64QAM	36	39	19.27	19.40	19.37		
15	64QAM	75	0	19.28	19.28	19.38		
15	256QAM	1	0	17.47	17.53	17.45		
15	256QAM	1	37	17.47	17.46	17.48	19	5
15	256QAM	1	74	17.42	17.48	17.40		
15	256QAM	36	0	17.46	17.50	17.46		
15	256QAM	36	20	17.42	17.45	17.42	19	5
15	256QAM	36	39	17.45	17.49	17.46		
15	256QAM	75	0	17.44	17.38	17.38		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.38	22.45	22.37		
10	QPSK	1	25	22.37	22.39	22.39	24	0
10	QPSK	1	49	22.36	22.39	22.34		
10	QPSK	25	0	21.27	21.43	21.33		
10	QPSK	25	12	21.39	21.37	21.29	23	1
10	QPSK	25	25	21.26	21.34	21.23		
10	QPSK	50	0	21.32	21.38	21.31		
10	16QAM	1	0	21.65	21.73	21.68		
10	16QAM	1	25	21.73	21.85	21.64	23	1
10	16QAM	1	49	21.71	21.81	21.56		
10	16QAM	25	0	20.25	20.43	20.27		
10	16QAM	25	12	20.31	20.35	20.33	22	2
10	16QAM	25	25	20.29	20.38	20.34		
10	16QAM	50	0	20.34	20.31	20.28		
10	64QAM	1	0	20.51	20.57	20.41		
10	64QAM	1	25	20.42	20.52	20.46	22	2
10	64QAM	1	49	20.34	20.59	20.52		
10	64QAM	25	0	19.38	19.37	19.34		
10	64QAM	25	12	19.31	19.41	19.37	21	3
10	64QAM	25	25	19.25	19.35	19.27		
10	64QAM	50	0	19.32	19.26	19.40		
10	256QAM	1	0	17.46	17.46	17.38		
10	256QAM	1	25	17.46	17.46	17.45	19	5
10	256QAM	1	49	17.46	17.40	17.41		
10	256QAM	25	0	17.42	17.49	17.47		
10	256QAM	25	12	17.35	17.46	17.43	19	5
10	256QAM	25	25	17.44	17.37	17.39		
10	256QAM	50	0	17.43	17.39	17.35		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.39	22.46	22.42		
5	QPSK	1	12	22.40	22.46	22.38	24	0
5	QPSK	1	24	22.31	22.41	22.39		
5	QPSK	12	0	21.30	21.35	21.30		
5	QPSK	12	7	21.38	21.34	21.32	23	1
5	QPSK	12	13	21.29	21.33	21.34		
5	QPSK	25	0	21.31	21.32	21.33		
5	16QAM	1	0	21.63	21.74	21.78		
5	16QAM	1	12	21.63	21.75	21.67	23	1
5	16QAM	1	24	21.68	21.71	21.58		
5	16QAM	12	0	20.25	20.35	20.36		
5	16QAM	12	7	20.26	20.33	20.29	22	2
5	16QAM	12	13	20.37	20.28	20.30		
5	16QAM	25	0	20.29	20.32	20.36		
5	64QAM	1	0	20.52	20.46	20.49		
5	64QAM	1	12	20.47	20.46	20.48	22	2
5	64QAM	1	24	20.42	20.55	20.52		
5	64QAM	12	0	19.44	19.31	19.31		
5	64QAM	12	7	19.31	19.44	19.33	21	3
5	64QAM	12	13	19.31	19.37	19.33		
5	64QAM	25	0	19.28	19.28	19.41		
5	256QAM	1	0	17.41	17.49	17.39		
5	256QAM	1	12	17.36	17.46	17.48	19	5
5	256QAM	1	24	17.47	17.40	17.38		
5	256QAM	12	0	17.41	17.46	17.44		
5	256QAM	12	7	17.42	17.45	17.42	19	5
5	256QAM	12	13	17.40	17.37	17.37		
5	256QAM	25	0	17.35	17.42	17.37		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.39	22.43	22.44		
3	QPSK	1	8	22.38	22.46	22.36	24	0
3	QPSK	1	14	22.41	22.43	22.39		
3	QPSK	8	0	21.34	21.39	21.28		
3	QPSK	8	4	21.37	21.38	21.23	23	1
3	QPSK	8	7	21.27	21.28	21.27		
3	QPSK	15	0	21.29	21.31	21.34		
3	16QAM	1	0	21.60	21.68	21.73		
3	16QAM	1	8	21.68	21.80	21.75	23	1
3	16QAM	1	14	21.74	21.77	21.66		
3	16QAM	8	0	20.24	20.38	20.31		
3	16QAM	8	4	20.33	20.34	20.27	22	2
3	16QAM	8	7	20.35	20.38	20.36		
3	16QAM	15	0	20.34	20.39	20.32		
3	64QAM	1	0	20.44	20.50	20.52		
3	64QAM	1	8	20.42	20.53	20.49	22	2
3	64QAM	1	14	20.42	20.64	20.53		
3	64QAM	8	0	19.35	19.37	19.30		
3	64QAM	8	4	19.32	19.37	19.35	21	3
3	64QAM	8	7	19.30	19.36	19.34		
3	64QAM	15	0	19.30	19.31	19.34		
3	256QAM	1	0	17.45	17.53	17.42		
3	256QAM	1	8	17.38	17.43	17.42	19	5
3	256QAM	1	14	17.39	17.48	17.36		
3	256QAM	8	0	17.36	17.41	17.37		
3	256QAM	8	4	17.45	17.42	17.41	19	5
3	256QAM	8	7	17.35	17.50	17.43		
3	256QAM	15	0	17.40	17.47	17.37		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.30	22.44	22.29		
1.4	QPSK	1	3	22.27	22.33	22.36		
1.4	QPSK	1	5	22.27	22.33	22.34	24	0
1.4	QPSK	3	0	22.30	22.44	22.28		
1.4	QPSK	3	1	22.29	22.33	22.29		
1.4	QPSK	3	3	22.28	22.40	22.33		
1.4	QPSK	6	0	21.29	21.31	21.24	23	1
1.4	16QAM	1	0	21.30	21.33	21.28		
1.4	16QAM	1	3	21.29	21.33	21.31		
1.4	16QAM	1	5	21.24	21.32	21.22	23	1
1.4	16QAM	3	0	21.53	21.64	21.66		
1.4	16QAM	3	1	21.64	21.69	21.62		
1.4	16QAM	3	3	21.70	21.70	21.57		
1.4	16QAM	6	0	20.26	20.29	20.23	22	2
1.4	64QAM	1	0	20.30	20.30	20.20		
1.4	64QAM	1	3	20.31	20.26	20.21		
1.4	64QAM	1	5	20.29	20.24	20.20	22	2
1.4	64QAM	3	0	20.48	20.45	20.35		
1.4	64QAM	3	1	20.42	20.39	20.34		
1.4	64QAM	3	3	20.32	20.48	20.46		
1.4	64QAM	6	0	19.20	19.29	19.30	21	3
1.4	256QAM	1	0	17.34	17.39	17.38		
1.4	256QAM	1	3	17.33	17.39	17.35		
1.4	256QAM	1	5	17.40	17.36	17.36	19	5
1.4	256QAM	3	0	17.34	17.40	17.40		
1.4	256QAM	3	1	17.33	17.41	17.33		
1.4	256QAM	3	3	17.39	17.42	17.30		
1.4	256QAM	6	0	17.38	17.35	17.30	19	5

Band 4 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.37	22.45	22.44		
20	QPSK	1	49	22.42	22.40	22.39	24	0
20	QPSK	1	99	22.37	22.44	22.33		
20	QPSK	50	0	21.38	21.43	21.36		
20	QPSK	50	24	21.32	21.38	21.30	23	1
20	QPSK	50	50	21.30	21.38	21.27		
20	QPSK	100	0	21.36	21.41	21.35		
20	16QAM	1	0	21.57	21.71	21.71		
20	16QAM	1	49	21.66	21.73	21.66	23	1
20	16QAM	1	99	21.79	21.74	21.56		
20	16QAM	50	0	20.21	20.38	20.26		
20	16QAM	50	24	20.20	20.34	20.27	22	2
20	16QAM	50	50	20.39	20.30	20.29		
20	16QAM	100	0	20.35	20.38	20.27		
20	64QAM	1	0	20.46	20.54	20.50		
20	64QAM	1	49	20.47	20.53	20.42	22	2
20	64QAM	1	99	20.44	20.46	20.57		
20	64QAM	50	0	19.44	19.30	19.35		
20	64QAM	50	24	19.31	19.37	19.34	21	3
20	64QAM	50	50	19.35	19.38	19.32		
20	64QAM	100	0	19.30	19.39	19.40		
20	256QAM	1	0	17.39	17.42	17.44		
20	256QAM	1	49	17.45	17.45	17.43	19	5
20	256QAM	1	99	17.45	17.38	17.45		
20	256QAM	50	0	17.39	17.44	17.44		
20	256QAM	50	24	17.45	17.46	17.44	19	5
20	256QAM	50	50	17.47	17.48	17.44		
20	256QAM	100	0	17.41	17.39	17.45		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.34	22.40	22.35		
15	QPSK	1	37	22.34	22.35	22.32	24	0
15	QPSK	1	74	22.35	22.36	22.29		
15	QPSK	36	0	21.22	21.31	21.22		
15	QPSK	36	20	21.32	21.27	21.24	23	1
15	QPSK	36	39	21.32	21.32	21.22		
15	QPSK	75	0	21.29	21.26	21.19		
15	16QAM	1	0	21.60	21.66	21.66		
15	16QAM	1	37	21.68	21.71	21.69	23	1
15	16QAM	1	74	21.75	21.67	21.57		
15	16QAM	36	0	20.23	20.31	20.22		
15	16QAM	36	20	20.22	20.26	20.31	22	2
15	16QAM	36	39	20.32	20.33	20.20		
15	16QAM	75	0	20.33	20.29	20.29		
15	64QAM	1	0	20.45	20.50	20.35		
15	64QAM	1	37	20.37	20.46	20.37	22	2
15	64QAM	1	74	20.33	20.57	20.46		
15	64QAM	36	0	19.35	19.32	19.25		
15	64QAM	36	20	19.26	19.33	19.36	21	3
15	64QAM	36	39	19.30	19.38	19.23		
15	64QAM	75	0	19.23	19.30	19.27		
15	256QAM	1	0	17.37	17.38	17.37		
15	256QAM	1	37	17.35	17.36	17.34	19	5
15	256QAM	1	74	17.32	17.37	17.36		
15	256QAM	36	0	17.35	17.36	17.39		
15	256QAM	36	20	17.38	17.37	17.38	19	5
15	256QAM	36	39	17.31	17.34	17.31		
15	256QAM	75	0	17.34	17.41	17.29		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.40	22.36	22.38		
10	QPSK	1	25	22.37	22.40	22.32	24	0
10	QPSK	1	49	22.32	22.34	22.37		
10	QPSK	25	0	21.25	21.36	21.33		
10	QPSK	25	12	21.32	21.24	21.24	23	1
10	QPSK	25	25	21.25	21.36	21.32		
10	QPSK	50	0	21.31	21.29	21.28		
10	16QAM	1	0	21.54	21.67	21.67		
10	16QAM	1	25	21.66	21.75	21.67	23	1
10	16QAM	1	49	21.73	21.72	21.55		
10	16QAM	25	0	20.25	20.38	20.35		
10	16QAM	25	12	20.20	20.30	20.20	22	2
10	16QAM	25	25	20.28	20.24	20.28		
10	16QAM	50	0	20.28	20.26	20.22		
10	64QAM	1	0	20.39	20.41	20.40		
10	64QAM	1	25	20.43	20.37	20.35	22	2
10	64QAM	1	49	20.34	20.54	20.44		
10	64QAM	25	0	19.35	19.23	19.29		
10	64QAM	25	12	19.25	19.39	19.30	21	3
10	64QAM	25	25	19.24	19.34	19.20		
10	64QAM	50	0	19.27	19.26	19.34		
10	256QAM	1	0	17.33	17.44	17.32		
10	256QAM	1	25	17.37	17.33	17.40	19	5
10	256QAM	1	49	17.41	17.38	17.40		
10	256QAM	25	0	17.37	17.36	17.40		
10	256QAM	25	12	17.37	17.33	17.40	19	5
10	256QAM	25	25	17.30	17.38	17.32		
10	256QAM	50	0	17.38	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	22.37	22.42	22.32		
5	QPSK	1	12	22.37	22.37	22.33	24	0
5	QPSK	1	24	22.32	22.33	22.27		
5	QPSK	12	0	21.25	21.27	21.30		
5	QPSK	12	7	21.27	21.27	21.25	23	1
5	QPSK	12	13	21.29	21.31	21.27		
5	QPSK	25	0	21.21	21.30	21.20		
5	16QAM	1	0	21.54	21.61	21.69		
5	16QAM	1	12	21.68	21.78	21.62	23	1
5	16QAM	1	24	21.66	21.70	21.59		
5	16QAM	12	0	20.17	20.31	20.19		
5	16QAM	12	7	20.24	20.26	20.19	22	2
5	16QAM	12	13	20.32	20.34	20.21		
5	16QAM	25	0	20.23	20.32	20.29		
5	64QAM	1	0	20.44	20.42	20.43		
5	64QAM	1	12	20.44	20.43	20.40	22	2
5	64QAM	1	24	20.32	20.56	20.55		
5	64QAM	12	0	19.33	19.31	19.22		
5	64QAM	12	7	19.20	19.34	19.28	21	3
5	64QAM	12	13	19.26	19.34	19.26		
5	64QAM	25	0	19.24	19.24	19.30		
5	256QAM	1	0	17.38	17.41	17.40		
5	256QAM	1	12	17.37	17.43	17.43	19	5
5	256QAM	1	24	17.35	17.41	17.32		
5	256QAM	12	0	17.31	17.41	17.37		
5	256QAM	12	7	17.30	17.33	17.41	19	5
5	256QAM	12	13	17.29	17.34	17.33		
5	256QAM	25	0	17.30	17.33	17.39		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.41	22.35	22.28		
3	QPSK	1	8	22.29	22.32	22.31	24	0
3	QPSK	1	14	22.25	22.34	22.30		
3	QPSK	8	0	21.27	21.31	21.27		
3	QPSK	8	4	21.28	21.26	21.29	23	1
3	QPSK	8	7	21.24	21.31	21.28		
3	QPSK	15	0	21.23	21.32	21.28		
3	16QAM	1	0	21.52	21.62	21.71		
3	16QAM	1	8	21.65	21.74	21.68	23	1
3	16QAM	1	14	21.79	21.71	21.60		
3	16QAM	8	0	20.23	20.28	20.29		
3	16QAM	8	4	20.30	20.33	20.21	22	2
3	16QAM	8	7	20.25	20.28	20.27		
3	16QAM	15	0	20.25	20.25	20.28		
3	64QAM	1	0	20.45	20.51	20.40		
3	64QAM	1	8	20.45	20.44	20.37	22	2
3	64QAM	1	14	20.32	20.55	20.48		
3	64QAM	8	0	19.38	19.33	19.26		
3	64QAM	8	4	19.20	19.40	19.31	21	3
3	64QAM	8	7	19.25	19.36	19.28		
3	64QAM	15	0	19.20	19.21	19.29		
3	256QAM	1	0	17.40	17.47	17.35		
3	256QAM	1	8	17.32	17.46	17.45	19	5
3	256QAM	1	14	17.33	17.32	17.39		
3	256QAM	8	0	17.34	17.32	17.36		
3	256QAM	8	4	17.36	17.39	17.34	19	5
3	256QAM	8	7	17.30	17.39	17.35		
3	256QAM	15	0	17.40	17.33	17.30		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.28	22.41	22.26		
1.4	QPSK	1	3	22.31	22.28	22.31		
1.4	QPSK	1	5	22.23	22.27	22.28	24	0
1.4	QPSK	3	0	22.33	22.39	22.33		
1.4	QPSK	3	1	22.27	22.31	22.31		
1.4	QPSK	3	3	22.30	22.35	22.35		
1.4	16QAM	6	0	21.28	21.36	21.19	23	1
1.4	16QAM	1	0	21.24	21.36	21.25		
1.4	16QAM	1	3	21.23	21.37	21.30		
1.4	16QAM	1	5	21.19	21.37	21.23	23	1
1.4	16QAM	3	0	21.54	21.68	21.66		
1.4	16QAM	3	1	21.69	21.65	21.66		
1.4	16QAM	3	3	21.69	21.75	21.55		
1.4	16QAM	6	0	20.23	20.25	20.22	22	2
1.4	64QAM	1	0	20.24	20.34	20.21		
1.4	64QAM	1	3	20.28	20.32	20.24		
1.4	64QAM	1	5	20.33	20.18	20.16	22	2
1.4	64QAM	3	0	20.50	20.50	20.35		
1.4	64QAM	3	1	20.41	20.43	20.38		
1.4	64QAM	3	3	20.31	20.45	20.45		
1.4	64QAM	6	0	19.17	19.28	19.25	21	3
1.4	256QAM	1	0	17.37	17.44	17.37		
1.4	256QAM	1	3	17.38	17.34	17.34		
1.4	256QAM	1	5	17.38	17.40	17.31	19	5
1.4	256QAM	3	0	17.32	17.42	17.43		
1.4	256QAM	3	1	17.31	17.44	17.29		
1.4	256QAM	3	3	17.35	17.37	17.34		
1.4	256QAM	6	0	17.38	17.34	17.34	19	5

Band 7 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.57	22.67	22.63		
20	QPSK	1	49	22.47	22.59	22.54	24	0
20	QPSK	1	99	22.52	22.53	22.51		
20	QPSK	50	0	21.51	21.57	21.53		
20	QPSK	50	24	21.51	21.49	21.42	23	1
20	QPSK	50	50	21.53	21.53	21.47		
20	QPSK	100	0	21.47	21.55	21.50		
20	16QAM	1	0	21.76	21.85	21.83		
20	16QAM	1	49	21.86	21.86	21.77	23	1
20	16QAM	1	99	21.92	21.91	21.78		
20	16QAM	50	0	20.47	20.60	20.46		
20	16QAM	50	24	20.45	20.49	20.46	22	2
20	16QAM	50	50	20.46	20.54	20.49		
20	16QAM	100	0

Band 38 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.37	22.46	22.38	24	0
20	QPSK	1	49	22.43	22.40	22.33		
20	QPSK	1	99	22.40	22.36	22.32		
20	QPSK	50	0	21.29	21.40	21.37	23	1
20	QPSK	50	24	21.31	21.38	21.32		
20	QPSK	50	50	21.29	21.39	21.28		
20	QPSK	100	0	21.28	21.37	21.32		
20	16QAM	1	0	21.60	21.66	21.74	23	1
20	16QAM	1	49	21.72	21.82	21.67		
20	16QAM	1	99	21.74	21.76	21.61		
20	16QAM	50	0	20.25	20.37	20.30	22	2
20	16QAM	50	24	20.24	20.31	20.26		
20	16QAM	50	50	20.27	20.28	20.27		
20	16QAM	100	0	20.31	20.34	20.29		
20	64QAM	1	0	20.51	20.57	20.47	22	2
20	64QAM	1	49	20.40	20.43	20.44		
20	64QAM	1	99	20.37	20.56	20.59		
20	64QAM	50	0	19.40	19.39	19.32	21	3
20	64QAM	50	24	19.34	19.44	19.41		
20	64QAM	50	50	19.32	19.35	19.28		
20	64QAM	100	0	19.30	19.26	19.40		
20	256QAM	1	0	17.44	17.41	17.34	19	5
20	256QAM	1	49	17.40	17.46	17.41		
20	256QAM	1	99	17.42	17.45	17.34		
20	256QAM	50	0	17.41	17.44	17.36	19	5
20	256QAM	50	24	17.44	17.41	17.36		
20	256QAM	50	50	17.44	17.44	17.45		
20	256QAM	100	0	17.41	17.46	17.43		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.37	22.45	22.35	24	0
15	QPSK	1	37	22.32	22.41	22.36		
15	QPSK	1	74	22.32	22.37	22.41		
15	QPSK	36	0	21.35	21.39	21.30	23	1
15	QPSK	36	20	21.37	21.40	21.23		
15	QPSK	36	39	21.29	21.36	21.37		
15	QPSK	75	0	21.29	21.38	21.31		
15	16QAM	1	0	21.66	21.73	21.66	23	1
15	16QAM	1	37	21.72	21.76	21.68		
15	16QAM	1	74	21.71	21.72	21.59		
15	16QAM	36	0	20.23	20.41	20.34	22	2
15	16QAM	36	20	20.33	20.32	20.29		
15	16QAM	36	39	20.28	20.34	20.23		
15	16QAM	75	0	20.32	20.31	20.33		
15	64QAM	1	0	20.50	20.48	20.44	22	2
15	64QAM	1	37	20.42	20.46	20.41		
15	64QAM	1	74	20.38	20.55	20.57		
15	64QAM	36	0	19.37	19.35	19.28	21	3
15	64QAM	36	20	19.27	19.45	19.43		
15	64QAM	36	39	19.30	19.33	19.26		
15	64QAM	75	0	19.31	19.25	19.43		
15	256QAM	1	0	17.46	17.47	17.38	19	5
15	256QAM	1	37	17.43	17.44	17.42		
15	256QAM	1	74	17.35	17.41	17.45		
15	256QAM	36	0	17.41	17.42	17.44	19	5
15	256QAM	36	20	17.37	17.40	17.39		
15	256QAM	36	39	17.35	17.41	17.42		
15	256QAM	75	0	17.36	17.43	17.46		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.42	22.42	22.36	24	0
10	QPSK	1	25	22.38	22.42	22.39		
10	QPSK	1	49	22.39	22.35	22.37		
10	QPSK	25	0	21.34	21.43	21.27	23	1
10	QPSK	25	12	21.27	21.34	21.32		
10	QPSK	25	25	21.35	21.34	21.37		
10	QPSK	50	0	21.29	21.36	21.33		
10	16QAM	1	0	21.63	21.76	21.71	23	1
10	16QAM	1	25	21.70	21.74	21.68		
10	16QAM	1	49	21.78	21.77	21.65		
10	16QAM	25	0	20.23	20.33	20.28	22	2
10	16QAM	25	12	20.27	20.37	20.25		
10	16QAM	25	25	20.31	20.33	20.25		
10	16QAM	50	0	20.29	20.38	20.30		
10	64QAM	1	0	20.52	20.57	20.49	22	2
10	64QAM	1	25	20.51	20.46	20.44		
10	64QAM	1	49	20.35	20.54	20.59		
10	64QAM	25	0	19.42	19.35	19.26	21	3
10	64QAM	25	12	19.31	19.34	19.44		
10	64QAM	25	25	19.24	19.41	19.29		
10	64QAM	50	0	19.33	19.35	19.34		
10	256QAM	1	0	17.41	17.47	17.36	19	5
10	256QAM	1	25	17.41	17.44	17.48		
10	256QAM	1	49	17.45	17.48	17.45		
10	256QAM	25	0	17.41	17.40	17.38	19	5
10	256QAM	25	12	17.34	17.46	17.42		
10	256QAM	25	25	17.37	17.40	17.35		
10	256QAM	50	0	17.44	17.45	17.36		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.40	22.43	22.36	24	0
5	QPSK	1	12	22.34	22.42	22.37		
5	QPSK	1	24	22.34	22.37	22.36		
5	QPSK	12	0	21.26	21.38	21.35	23	1
5	QPSK	12	7	21.30	21.39	21.26		
5	QPSK	12	13	21.34	21.41	21.31		
5	QPSK	25	0	21.24	21.39	21.35		
5	16QAM	1	0	21.57	21.66	21.75	23	1
5	16QAM	1	12	21.72	21.81	21.71		
5	16QAM	1	24	21.71	21.74	21.58		
5	16QAM	12	0	20.29	20.44	20.26	22	2
5	16QAM	12	7	20.27	20.28	20.26		
5	16QAM	12	13	20.33	20.28	20.34		
5	16QAM	25	0	20.32	20.32	20.24		
5	64QAM	1	0	20.48	20.49	20.45	22	2
5	64QAM	1	12	20.44	20.44	20.50		
5	64QAM	1	24	20.32	20.61	20.56		
5	64QAM	12	0	19.44	19.38	19.31	21	3
5	64QAM	12	7	19.29	19.46	19.40		
5	64QAM	12	13	19.26	19.32	19.32		
5	64QAM	25	0	19.30	19.30	19.38		
5	256QAM	1	0	17.42	17.51	17.44	19	5
5	256QAM	1	12	17.45	17.47	17.51		
5	256QAM	1	24	17.40	17.43	17.44		
5	256QAM	12	0	17.41	17.49	17.43	19	5
5	256QAM	12	7	17.37	17.48	17.44		
5	256QAM	12	13	17.41	17.47	17.44		
5	256QAM	25	0	17.42	17.46	17.39		

Band 41 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.36	22.42	22.49	22.45	22.41	24	0
20	QPSK	1	49	22.39	22.42	22.31	22.45	22.36		
20	QPSK	1	99	22.31	22.45	22.40	22.46	22.42		
20	QPSK	50	0	21.29	21.39	21.45	21.35	21.34	23	1
20	QPSK	50	24	21.31	21.34	21.30	21.34	21.26		
20	QPSK	50	50	21.33	21.31	21.33	21.38	21.32		
20	QPSK	100	0	21.34	21.38	21.41	21.30	21.32		
20	16QAM	1	0	21.56	21.67	21.59	21.76	21.77	23	1
20	16QAM	1	49	21.67	21.83	21.74	21.77	21.67		
20	16QAM	1	99	21.72	21.71	21.77	21.78	21.67		
20	16QAM	50	0	20.29	20.45	20.25	20.43	20.30	22	2
20	16QAM	50	24	20.26	20.30	20.27	20.31	20.25		
20	16QAM	50	50	20.35	20.28	20.32	20.28	20.25		
20	16QAM	100	0	20.36	20.35	20.30	20.37	20.35		
20	64QAM	1	0	20.44	20.53	20.48	20.51	20.41	22	2
20	64QAM	1	49	20.50	20.48	20.43	20.44	20.43		
20	64QAM	1	99	20.36	20.59	20.43	20.54	20.56		
20	64QAM	50	0	19.39	19.33	19.41	19.34	19.27	21	3
20	64QAM	50	24	19.33	19.38	19.29	19.36	19.32		
20	64QAM	50	50	19.34	19.38	19.33	19.40	19.24		
20	64QAM	100	0	19.35	19.33	19.24	19.30	19.33		
20	256QAM	1	0	17.38	17.45	17.41	17.53	17.44	19	5
20	256QAM	1	49	17.36	17.44	17.41	17.50	17.48		
20	256QAM	1	99	17.42	17.43	17.36	17.42	17.35		
20	256QAM	50	0	17.36	17.41	17.45	17.42	17.43	19	5
20	256QAM	50	24	17.43	17.39	17.44	17.48	17.40		
20	256QAM	50	50	17.37	17.43	17.39	17.46	17.44		
20	256QAM	100	0	17.39	17.47	17.44	17.41	17.46		
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	22.44	22.48	22.43	22.44	22.39	24	0
15	QPSK	1	37	22.32	22.37	22.33	22.42	22.35		
15	QPSK	1	74	22.33	22.39	22.32	22.45	22.33		
15	QPSK	36	0	21.27	21.39	21.37	21.33	21.26	23	1
15	QPSK	36	20	21.34	21.35	21.37	21.37	21.28		
15	QPSK	36	39	21.33	21.39	21.27	21.31	21.38		
15	QPSK	75	0	21.32	21.29	21.27	21.35	21.35		
15	16QAM	1	0	21.57	21.66	21.59	21.69	21.77	23	1
15	16QAM	1	37	21.71	21.77	21.70	21.75	21.68		
15	16QAM	1	74	21.72	21.76	21.75	21.73	21.61		
15	16QAM	36	0	20.29	20.34	20.27	20.45	20.34	22	2
15	16QAM	36	20	20.26	20.28	20.31	20.29	20.30		
15	16QAM	36	39	20.37	20.34	20.39	20.30	20.34		
15	16QAM	75	0	20.35	20.39	20.32	20.29	20.35		
15	64QAM	1	0	20.48	20.50	20.49	20.53	20.50	22	2
15	64QAM	1	37	20.43	20.42	20.45	20.49	20.48		
15	64QAM	1	74	20.33	20.59	20.32	20.51	20.57		
15	64QAM	36	0	19.38	19.29	19.43	19.32	19.25	21	3
15	64QAM	36	20	19.31	19.44	19.34	19.36	19.40		
15	64QAM	36	39	19.28	19.42	19.27	19.44	19.31		
15	64QAM	75	0	19.33	19.34	19.26	19.32	19.42		
15	256QAM	1	0	17.40	17.42	17.44	17.42	17.34	19	5
15	256QAM	1	37	17.45	17.44	17.42	17.47	17.48		
15	256QAM	1	74	17.41	17.49	17.42	17.49	17.35		
15	256QAM	36	0	17.37	17.48	17.37	17.38	17.45	19	5
15	256QAM	36	20	17.44	17.43	17.36	17.46	17.45		
15	256QAM	36	39	17.43	17.39	17.37	17.39	17.41		
15	256QAM	75	0	17.44	17.49	17.36	17.40	17.35		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.37	22.46	22.37	22.44	22.35	24	0
10	QPSK	1	25	22.35	22.45	22.34	22.47	22.33		
10	QPSK	1	49	22.39	22.37	22.35	22.46	22.36		
10	QPSK	25	0	21.26	21.33	21.30	21.42	21.35	23	1
10	QPSK	25	12	21.31	21.31	21.36	21.36	21.22		
10	QPSK	25	25	21.27	21.39	21.37	21.39	21.27		
10	QPSK	50	0	21.28	21.32	21.29	21.30	21.33		
10	16QAM	1	0	21.61	21.72	21.55	21.74	21.75	23	1
10	16QAM	1	25	21.66	21.83	21.64	21.82	21.71		
10	16QAM	1	49	21.72	21.80	21.75	21.78	21.58		
10	16QAM	25	0	20.28	20.34	20.30	20.37	20.27	22	2
10	16QAM	25	12	20.24	20.37	20.33	20.37	20.36		
10	16QAM	25	25	20.36	20.35	20.28	20.35	20.31		
10	16QAM	50	0	20.31	20.34	20.37	20.40	20.29		
10	64QAM	1	0	20.51	20.48	20.43	20.58	20.45	22	2
10	64QAM	1	25	20.52	20.46	20.44	20.51	20.43		
10	64QAM	1	49	20.43	20.62	20.38	20.53	20.56		
10	64QAM	25	0	19.44	19.37	19.43	19.38	19.33	21	3
10	64QAM	25	12	19.33	19.42	19.32	19.45	19.42		
10	64QAM	25	25	19.26	19.42	19.26	19.40	19.35		
10	64QAM	50	0	19.32	19.24	19.36	19.30	19.37		
10	256QAM	1	0	17.45	17.45	17.43	17.51	17.46	19	5
10	256QAM	1	25	17.37	17.49	17.40	17.49	17.50		
10	256QAM	1	49	17.41	17.48	17.40	17.38	17.42		
10	256QAM	25	0	17.43	17.48	17.42	17.40	17.37	19	5
10	256QAM	25	12	17.37	17.39	17.36	17.42	17.38		
10	256QAM	25	25	17.37	17.45	17.36	17.48	17.43		
10	256QAM	50	0	17.38	17.45	17.35	17.41	17.40		
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	22.38	22.45	22.37	22.48	22.43	24	0
5	QPSK	1	12	22.38	22.47	22.37	22.43	22.34		
5	QPSK	1	24	22.32	22.45	22.42	22.40	22.40		
5	QPSK	12	0	21.31	21.40	21.38	21.33	21.36	23	1
5	QPSK	12	7	21.26	21.29	21.35	21.32	21.23		
5	QPSK	12	13	21.37	21.39	21.37	21.38	21.26		
5	QPSK	25	0	21.24	21.32	21.31	21.34	21.35		
5	16QAM	1	0	21.60	21.70	21.65	21.75	21.69	23	1
5	16QAM	1	12	21.67	21.73	21.63	21.81	21.62		
5	16QAM	1	24	21.75	21.71	21.76	21.76	21.59		
5	16QAM	12	0	20.31	20.44	20.23	20.34	20.25	22	2
5	16QAM	12	7	20.36	20.36	20.26	20.30	20.27		
5	16QAM	12	13	20.28	20.37	20.30	20.35	20.34		
5	16QAM	25	0	20.38	20.39	20.34	20.34	20.27		
5	64QAM	1	0	20.45	20.48	20.45	20.48	20.47	22	2
5	64QAM	1	12	20.46	20.45	20.49	20.47	20.49		
5	64QAM	1	24	20.41	20.57	20.36	20.54	20.54		
5	64QAM	12	0	19.38	19.34	19.36	19.28	19.31	21	3
5	64QAM	12	7	19.35	19.41	19.26	19.39	19.39		
5	64QAM	12	13	19.28	19.35	19.30	19.39	19.26		
5	64QAM	25	0	19.29	19.30	19.34	19.32	19.32		
5	256QAM	1	0	17.43	17.41	17.45	17.46	17.37	19	5
5	256QAM	1	12	17.43	17.42	17.39	17.43	17.46		
5	256QAM	1	24	17.37	17.39	17.42	17.37	17.46		
5	256QAM	12	0	17.42	17.40	17.41	17.45	17.40	19	5
5	256QAM	12	7	17.37	17.44	17.45	17.44	17.41		
5	256QAM	12	13	17.37	17.46	17.35	17.46	17.39		
5	256QAM	25	0	17.44	17.48	17.42	17.42	17.45		

Band 2 Ant9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.43	22.51	22.48	24	0
20	QPSK	1	49	22.44	22.49	22.43		
20	QPSK	1	99	22.39	22.48	22.40		
20	QPSK	50	0	21.41	21.45	21.36	23	1
20	QPSK	50	24	21.32	21.40	21.38		
20	QPSK	50	50	21.33	21.39	21.36		
20	QPSK	100	0	21.37	21.42	21.40		
20	16QAM	1	0	21.64	21.70	21.76	23	1
20	16QAM	1	49	21.75	21.85	21.65		
20	16QAM	1	99	21.82	21.83	21.62		
20	16QAM	50	0	20.32	20.40	20.35	22	2
20	16QAM	50	24	20.30	20.38	20.31		
20	16QAM	50	50	20.35	20.33	20.30		
20	16QAM	100	0	20.33	20.40	20.33		
20	64QAM	1	0	20.48	20.53	20.49	22	2
20	64QAM	1	49	20.48	20.47	20.45		
20	64QAM	1	99	20.48	20.60	20.54		
20	64QAM	50	0	19.50	19.35	19.39	21	3
20	64QAM	50	24	19.30	19.43	19.40		
20	64QAM	50	50	19.38	19.40	19.41		
20	64QAM	100	0	19.39	19.35	19.47		
20	256QAM	1	0	17.44	17.48	17.47	19	5
20	256QAM	1	49	17.46	17.54	17.49		
20	256QAM	1	99	17.49	17.48	17.41		
20	256QAM	50	0	17.41	17.52	17.39	19	5
20	256QAM	50	24	17.50	17.52	17.43		
20	256QAM	50	50	17.50	17.50	17.46		
20	256QAM	100	0	17.50	17.54	17.42		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.45	22.42	22.39	24	0
15	QPSK	1	37	22.42	22.47	22.32		
15	QPSK	1	74	22.40	22.43	22.37		
15	QPSK	36	0	21.31	21.38	21.30	23	1
15	QPSK	36	20	21.31	21.38	21.23		
15	QPSK	36	39	21.27	21.31	21.36		
15	QPSK	75	0	21.24	21.32	21.34		
15	16QAM	1	0	21.57	21.85	21.73	23	1
15	16QAM	1	37	21.65	21.84	21.68		
15	16QAM	1	74	21.79	21.75	21.61		
15	16QAM	36	0	20.24	20.38	20.29	22	2
15	16QAM	36	20	20.27	20.36	20.36		
15	16QAM	36	39	20.36	20.32	20.32		
15	16QAM	75	0	20.35	20.31	20.34		
15	64QAM	1	0	20.49	20.49	20.41	22	2
15	64QAM	1	37	20.45	20.46	20.46		
15	64QAM	1	74	20.39	20.59	20.51		
15	64QAM	36	0	19.40	19.37	19.28	21	3
15	64QAM	36	20	19.27	19.37	19.43		
15	64QAM	36	39	19.30	19.41	19.35		
15	64QAM	75	0	19.36	19.32	19.34		
15	256QAM	1	0	17.35	17.49	17.40	19	5
15	256QAM	1	37	17.39	17.46	17.48		
15	256QAM	1	74	17.39	17.41	17.41		
15	256QAM	36	0	17.45	17.38	17.43	19	5
15	256QAM	36	20	17.37	17.45	17.41		
15	256QAM	36	39	17.38	17.38	17.36		
15	256QAM	75	0	17.43	17.45	17.42		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.45	22.48	22.34	24	0
10	QPSK	1	25	22.38	22.43	22.33		
10	QPSK	1	49	22.36	22.38	22.36		
10	QPSK	25	0	21.30	21.38	21.27	23	1
10	QPSK	25	12	21.33	21.35	21.25		
10	QPSK	25	25	21.28	21.30	21.29		
10	QPSK	50	0	21.29	21.34	21.34		
10	16QAM	1	0	21.54	21.69	21.75	23	1
10	16QAM	1	25	21.73	21.79	21.72		
10	16QAM	1	49	21.76	21.74	21.59		
10	16QAM	25	0	20.26	20.37	20.26	22	2
10	16QAM	25	12	20.28	20.32	20.26		
10	16QAM	25	25	20.33	20.36	20.27		
10	16QAM	50	0	20.39	20.37	20.34		
10	64QAM	1	0	20.49	20.48	20.47	22	2
10	64QAM	1	25	20.44	20.51	20.40		
10	64QAM	1	49	20.34	20.57	20.60		
10	64QAM	25	0	19.35	19.29	19.30	21	3
10	64QAM	25	12	19.34	19.40	19.34		
10	64QAM	25	25	19.32	19.42	19.25		
10	64QAM	50	0	19.30	19.31	19.41		
10	256QAM	1	0	17.45	17.42	17.42	19	5
10	256QAM	1	25	17.47	17.40	17.45		
10	256QAM	1	49	17.41	17.48	17.44		
10	256QAM	25	0	17.34	17.48	17.40	19	5
10	256QAM	25	12	17.42	17.39	17.36		
10	256QAM	25	25	17.38	17.38	17.39		
10	256QAM	50	0	17.34	17.41	17.40		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.40	22.43	22.40	24	0
5	QPSK	1	12	22.31	22.42	22.41		
5	QPSK	1	24	22.40	22.44	22.35		
5	QPSK	12	0	21.38	21.35	21.32	23	1
5	QPSK	12	7	21.36	21.33	21.27		
5	QPSK	12	13	21.35	21.41	21.28		
5	QPSK	25	0	21.33	21.37	21.27		
5	16QAM	1	0	21.58	21.72	21.76	23	1
5	16QAM	1	12	21.66	21.78	21.67		
5	16QAM	1	24	21.72	21.75	21.65		
5	16QAM	12	0	20.28	20.43	20.30	22	2
5	16QAM	12	7	20.28	20.28	20.24		
5	16QAM	12	13	20.27	20.38	20.33		
5	16QAM	25	0	20.33	20.38	20.33		
5	64QAM	1	0	20.43	20.47	20.41	22	2
5	64QAM	1	12	20.41	20.53	20.45		
5	64QAM	1	24	20.34	20.54	20.54		
5	64QAM	12	0	19.35	19.31	19.32	21	3
5	64QAM	12	7	19.35	19.39	19.41		
5	64QAM	12	13	19.30	19.38	19.25		
5	64QAM	25	0	19.25	19.31	19.37		
5	256QAM	1	0	17.45	17.41	17.47	19	5
5	256QAM	1	12	17.46	17.49	17.49		
5	256QAM	1	24	17.38	17.48	17.45		
5	256QAM	12	0	17.44	17.46	17.46	19	5
5	256QAM	12	7	17.44	17.39	17.35		
5	256QAM	12	13	17.39	17.37	17.37		
5	256QAM	25	0	17.40	17.46	17.35		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.34	22.45	22.40	24	0
3	QPSK	1	8	22.40	22.43	22.38		
3	QPSK	1	14	22.36	22.43	22.41		
3	QPSK	8	0	21.27	21.39	21.31	23	1
3	QPSK	8	4	21.37	21.36	21.30		
3	QPSK	8	7	21.26	21.36	21.27		
3	QPSK	15	0	21.24	21.39	21.29		
3	16QAM	1	0	21.57	21.74	21.76	23	1
3	16QAM	1	8	21.69	21.80	21.69		
3	16QAM	1	14	21.80	21.74	21.64		
3	16QAM	8	0	20.27	20.38	20.26	22	2
3	16QAM	8	4	20.24	20.30	20.36		
3	16QAM	8	7	20.30	20.33	20.30		
3	16QAM	15	0	20.32	20.39	20.35		
3	64QAM	1	0	20.50	20.52	20.41	22	2
3	64QAM	1	8	20.47	20.52	20.47		
3	64QAM	1	14	20.35	20.58	20.55		
3	64QAM	8	0	19.39	19.27	19.35	21	3
3	64QAM	8	4	19.25	19.40	19.44		
3	64QAM	8	7	19.29	19.42	19.35		
3	64QAM	15	0	19.25	19.34	19.42		
3	256QAM	1	0	17.37	17.46	17.37	19	5
3	256QAM	1	8	17.39	17.52	17.40		
3	256QAM	1	14	17.36	17.43	17.43		
3	256QAM	8	0	17.45	17.48	17.43	19	5
3	256QAM	8	4	17.41	17.47	17.29		
3	256QAM	8	7	17.35	17.39	17.44		
3	256QAM	15	0	17.44	17.38	17.39		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.44	22.40	22.35	24	0
1.4	QPSK	1	3	22.38	22.42	22.34		
1.4	QPSK	1	5	22.32	22.44	22.31		
1.4	QPSK	3	0	22.41	22.38	22.44		
1.4	QPSK	3	1	22.38	22.49	22.39		
1.4	QPSK	3	3	22.32	22.38	22.41		
1.4	QPSK	6	0	21.28	21.43	21.37	23	1
1.4	16QAM	1	0	21.32	21.36	21.31	23	1
1.4	16QAM	1	3	21.28	21.33	21.28		
1.4	16QAM	1	5	21.27	21.39	21.29		
1.4	16QAM	3	0	21.65	21.70	21.68		
1.4	16QAM	3	1	21.72	21.82	21.63		
1.4	16QAM	3	3	21.69	21.76	21.64		
1.4	16QAM	6	0	20.27	20.39	20.36	22	2
1.4	64QAM	1	0	20.25	20.38	20.30	22	2
1.4	64QAM	1	3	20.35	20.30	20.29		
1.4	64QAM	1	5	20.32	20.34	20.25		
1.4	64QAM	3	0	20.44	20.56	20.42		
1.4	64QAM	3	1	20.48	20.46	20.43		
1.4	64QAM	3	3	20.37	20.56	20.53		
1.4	64QAM	6	0	19.37	19.27	19.31	21	3
1.4	256QAM	1	0	17.35	17.45	17.39	19	5
1.4	256QAM	1	3	17.45	17.51	17.51		
1.4	256QAM	1	5	17.40	17.46	17.39		
1.4	256QAM	3	0	17.44	17.38	17.36		
1.4	256QAM	3	1	17.43	17.46	17.43		
1.4	256QAM	3	3	17.34	17.43	17.41		
1.4	256QAM	6	0	17.41	17.41	17.44	19	5

Band 4 Ant9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.41	22.46	22.42	24	0
20	QPSK	1	49	22.40	22.38	22.35		
20	QPSK	1	99	22.36	22.41	22.41		
20	QPSK	50	0	21.33	21.42	21.32	23	1
20	QPSK	50	24	21.35	21.36	21.32		
20	QPSK	50	50	21.33	21.41	21.31		
20	QPSK	100	0	21.35	21.39	21.33		
20	16QAM	1	0	21.55	21.67	21.68	23	1
20	16QAM	1	49	21.64	21.74	21.62		
20	16QAM	1	99	21.79	21.77	21.63		
20	16QAM	50	0	20.25	20.37	20.36	22	2
20	16QAM	50	24	20.34	20.30	20.35		
20	16QAM	50	50	20.36	20.37	20.24		
20	16QAM	100	0	20.37	20.37	20.31		
20	64QAM	1	0	20.44	20.47	20.43	22	2
20	64QAM	1	49	20.40	20.52	20.50		
20	64QAM	1	99	20.33	20.42	20.58		
20	64QAM	50	0	19.41	19.30	19.30	21	3
20	64QAM	50	24	19.25	19.46	19.36		
20	64QAM	50	50	19.30	19.42	19.30		
20	64QAM	100	0	19.33	19.33	19.39		
20	256QAM	1	0	17.45	17.50	17.45	19	5
20	256QAM	1	49	17.35	17.46	17.51		
20	256QAM	1	99	17.45	17.43	17.45		
20	256QAM	50	0	17.34	17.38	17.37	19	5
20	256QAM	50	24	17.46	17.44	17.45		
20	256QAM	50	50	17.38	17.41	17.41		
20	256QAM	100	0	17.45	17.43	17.39		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.34	22.44	22.40	24	0
15	QPSK	1	37	22.36	22.45	22.42		
15	QPSK	1	74	22.34	22.43	22.31		
15	QPSK	36	0	21.35	21.37	21.29	23	1
15	QPSK	36	20	21.27	21.36	21.29		
15	QPSK	36	39	21.29	21.35	21.29		
15	QPSK	75	0	21.35	21.33	21.33		
15	16QAM	1	0	21.64	21.70	21.76	23	1
15	16QAM	1	37	21.62	21.75	21.65		
15	16QAM	1	74	21.76	21.72	21.60		
15	16QAM	36	0	20.23	20.43	20.25	22	2
15	16QAM	36	20	20.36	20.36	20.44		
15	16QAM	36	39	20.29	20.32	20.28		
15	16QAM	75	0	20.33	20.33	20.34		
15	64QAM	1	0	20.53	20.58	20.46	22	2
15	64QAM	1	37	20.49	20.51	20.49		
15	64QAM	1	74	20.41	20.56	20.53		
15	64QAM	36	0	19.40	19.35	19.24	21	3
15	64QAM	36	20	19.30	19.40	19.36		
15	64QAM	36	39	19.24	19.40	19.25		
15	64QAM	75	0	19.30	19.24	19.38		
15	256QAM	1	0	17.34	17.44	17.35	19	5
15	256QAM	1	37	17.43	17.43	17.41		
15	256QAM	1	74	17.35	17.39	17.44		
15	256QAM	36	0	17.35	17.49	17.44	19	5
15	256QAM	36	20	17.45	17.43	17.46		
15	256QAM	36	39	17.44	17.48	17.39		
15	256QAM	75	0	17.37	17.47	17.42		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.42	22.45	22.40	24	0
10	QPSK	1	25	22.33	22.43	22.33		
10	QPSK	1	49	22.35	22.41	22.39		
10	QPSK	25	0	21.27	21.41	21.37	23	1
10	QPSK	25	12	21.36	21.34	21.26		
10	QPSK	25	25	21.31	21.37	21.31		
10	QPSK	50	0	21.30	21.31	21.29		
10	16QAM	1	0	21.66	21.66	21.72	23	1
10	16QAM	1	25	21.74	21.83	21.71		
10	16QAM	1	49	21.73	21.72	21.55		
10	16QAM	25	0	20.29	20.39	20.35	22	2
10	16QAM	25	12	20.28	20.39	20.31		
10	16QAM	25	25	20.33	20.29	20.28		
10	16QAM	50	0	20.30	20.39	20.29		
10	64QAM	1	0	20.51	20.52	20.49	22	2
10	64QAM	1	25	20.42	20.52	20.42		
10	64QAM	1	49	20.42	20.53	20.50		
10	64QAM	25	0	19.44	19.35	19.27	21	3
10	64QAM	25	12	19.28	19.39	19.37		
10	64QAM	25	25	19.32	19.41	19.25		
10	64QAM	50	0	19.32	19.26	19.43		
10	256QAM	1	0	17.39	17.42	17.46	19	5
10	256QAM	1	25	17.41	17.48	17.37		
10	256QAM	1	49	17.44	17.48	17.44		
10	256QAM	25	0	17.40	17.41	17.36	19	5
10	256QAM	25	12	17.41	17.48	17.37		
10	256QAM	25	25	17.36	17.38	17.40		
10	256QAM	50	0	17.43	17.44	17.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.39	22.40	22.44	24	0
5	QPSK	1	12	22.34	22.44	22.38		
5	QPSK	1	24	22.37	22.40	22.36		
5	QPSK	12	0	21.31	21.40	21.32	23	1
5	QPSK	12	7	21.28	21.31	21.24		
5	QPSK	12	13	21.35	21.42	21.30		
5	QPSK	25	0	21.33	21.39	21.24		
5	16QAM	1	0	21.64	21.68	21.74	23	1
5	16QAM	1	12	21.70	21.84	21.66		
5	16QAM	1	24	21.74	21.79	21.58		
5	16QAM	12	0	20.27	20.44	20.34	22	2
5	16QAM	12	7	20.33	20.36	20.27		
5	16QAM	12	13	20.31	20.35	20.25		
5	16QAM	25	0	20.34	20.29	20.32		
5	64QAM	1	0	20.52	20.53	20.45	22	2
5	64QAM	1	12	20.45	20.53	20.41		
5	64QAM	1	24	20.43	20.55	20.52		
5	64QAM	12	0	19.35	19.30	19.33	21	3
5	64QAM	12	7	19.31	19.39	19.37		
5	64QAM	12	13	19.24	19.36	19.32		
5	64QAM	25	0	19.25	19.34	19.33		
5	256QAM	1	0	17.39	17.53	17.39	19	5
5	256QAM	1	12	17.42	17.47	17.51		
5	256QAM	1	24	17.44	17.45	17.38		
5	256QAM	12	0	17.41	17.48	17.35	19	5
5	256QAM	12	7	17.42	17.47	17.41		
5	256QAM	12	13	17.35	17.38	17.39		
5	256QAM	25	0	17.37	17.39	17.36		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.41	22.39	22.32	24	0
3	QPSK	1	8	22.39	22.38	22.37		
3	QPSK	1	14	22.41	22.37	22.36		
3	QPSK	8	0	21.28	21.41	21.29	23	1
3	QPSK	8	4	21.28	21.37	21.33		
3	QPSK	8	7	21.26	21.37	21.35		
3	QPSK	15	0	21.28	21.38	21.27		
3	16QAM	1	0	21.56	21.69	21.66	23	1
3	16QAM	1	8	21.64	21.81	21.70		
3	16QAM	1	14	21.79	21.76	21.61		
3	16QAM	8	0	20.31	20.45	20.32	22	2
3	16QAM	8	4	20.27	20.36	20.25		
3	16QAM	8	7	20.38	20.32	20.23		
3	16QAM	15	0	20.30	20.39	20.27		
3	64QAM	1	0	20.53	20.48	20.49	22	2
3	64QAM	1	8	20.47	20.51	20.42		
3	64QAM	1	14	20.39	20.54	20.50		
3	64QAM	8	0	19.33	19.34	19.32	21	3
3	64QAM	8	4	19.32	19.42	19.42		
3	64QAM	8	7	19.28	19.38	19.31		
3	64QAM	15	0	19.30	19.31	19.40		
3	256QAM	1	0	17.39	17.47	17.38	19	5
3	256QAM	1	8	17.36	17.41	17.42		
3	256QAM	1	14	17.44	17.39	17.41		
3	256QAM	8	0	17.44	17.41	17.37	19	5
3	256QAM	8	4	17.41	17.38	17.43		
3	256QAM	8	7	17.41	17.37	17.45		
3	256QAM	15	0	17.39	17.41	17.44		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.44	22.40	22.41	24	0
1.4	QPSK	1	3	22.43	22.44	22.39		
1.4	QPSK	1	5	22.39	22.42	22.33		
1.4	QPSK	3	0	22.35	22.44	22.40		
1.4	QPSK	3	1	22.32	22.40	22.41		
1.4	QPSK	3	3	22.34	22.39	22.40		
1.4	QPSK	6	0	21.33	21.40	21.33	23	1
1.4	16QAM	1	0	21.37	21.30	21.29	23	1
1.4	16QAM	1	3	21.32	21.31	21.31		
1.4	16QAM	1	5	21.34	21.36	21.25		
1.4	16QAM	3	0	21.64	21.71	21.76		
1.4	16QAM	3	1	21.73	21.84	21.69		
1.4	16QAM	3	3	21.76	21.83	21.63		
1.4	16QAM	6	0	20.31	20.43	20.26	22	2
1.4	64QAM	1	0	20.31	20.27	20.35	22	2
1.4	64QAM	1	3	20.29	20.27	20.30		
1.4	64QAM	1	5	20.34	20.34	20.32		
1.4	64QAM	3	0	20.44	20.51	20.46		
1.4	64QAM	3	1	20.51	20.45	20.48		
1.4	64QAM	3	3	20.32	20.58	20.50		
1.4	64QAM	6	0	19.35	19.37	19.36	21	3
1.4	256QAM	1	0	17.40	17.51	17.35	19	5
1.4	256QAM	1	3	17.45	17.38	17.50		
1.4	256QAM	1	5	17.41	17.38	17.38		
1.4	256QAM	3	0	17.40	17.45	17.35		
1.4	256QAM	3	1	17.44	17.46	17.40		
1.4	256QAM	3	3	17.40	17.38	17.38		
1.4	256QAM	6	0	17.43	17.45	17.37	19	5

Band 7 Ant9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.56	22.63	22.52	24	0
20	QPSK	1	49	22.51	22.58	22.50		
20	QPSK	1	99	22.50	22.59	22.48		
20	QPSK	50	0	21.49	21.57	21.48	23	1
20	QPSK	50	24	21.47	21.51	21.39		
20	QPSK	50	50	21.47	21.52	21.42		
20	QPSK	100	0	21.50	21.51	21.41		
20	16QAM	1	0	21.75	21.86	21.82	23	1
20	16QAM	1	49	21.81	21.99	21.77		
20	16QAM	1	99	21.93	21.88	21.79		
20	16QAM	50	0	20.38	20.60	20.40	22	2
20	16QAM	50	24	20.39	20.42	20.41		
20	16QAM	50	50	20.45	20.46	20.47		
20	16QAM	100	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.47	22.58	22.46	24	0
20	QPSK	1	49	22.50	22.57	22.45		
20	QPSK	1	99	22.42	22.55	22.49		
20	QPSK	50	0	21.42	21.53	21.39	23	1
20	QPSK	50	24	21.46	21.44	21.35		
20	QPSK	50	50	21.39	21.47	21.48		
20	QPSK	100	0	21.46	21.49	21.39		
20	16QAM	1	0	21.68	21.86	21.82	23	1
20	16QAM	1	49	21.79	21.91	21.79		
20	16QAM	1	99	21.87	21.86	21.76		
20	16QAM	50	0	20.34	20.44	20.39	22	2
20	16QAM	50	24	20.40	20.46	20.46		
20	16QAM	50	50	20.41	20.45	20.39		
20	16QAM	100	0	20.40	20.41	20.40		
20	64QAM	1	0	20.55	20.60	20.62	22	2
20	64QAM	1	49	20.58	20.53	20.56		
20	64QAM	1	99	20.47	20.74	20.66		
20	64QAM	50	0	19.47	19.45	19.42	21	3
20	64QAM	50	24	19.35	19.46	19.46		
20	64QAM	50	50	19.39	19.51	19.38		
20	64QAM	100	0	19.37	19.38	19.55		
20	256QAM	1	0	17.52	17.54	17.50	19	5
20	256QAM	1	49	17.50	17.57	17.52		
20	256QAM	1	99	17.54	17.50	17.47		
20	256QAM	50	0	17.56	17.57	17.57	19	5
20	256QAM	50	24	17.50	17.53	17.45		
20	256QAM	50	50	17.56	17.54	17.48		
20	256QAM	100	0	17.55	17.56	17.52		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.50	22.49	22.53	24	0
15	QPSK	1	37	22.52	22.55	22.49		
15	QPSK	1	74	22.52	22.49	22.54		
15	QPSK	36	0	21.39	21.50	21.39	23	1
15	QPSK	36	20	21.45	21.51	21.34		
15	QPSK	36	39	21.45	21.44	21.45		
15	QPSK	75	0	21.38	21.46	21.41		
15	16QAM	1	0	21.68	21.77	21.89	23	1
15	16QAM	1	37	21.73	21.96	21.80		
15	16QAM	1	74	21.84	21.82	21.72		
15	16QAM	36	0	20.34	20.56	20.41	22	2
15	16QAM	36	20	20.35	20.41	20.46		
15	16QAM	36	39	20.39	20.39	20.44		
15	16QAM	75	0	20.38	20.50	20.39		
15	64QAM	1	0	20.64	20.61	20.57	22	2
15	64QAM	1	37	20.62	20.52	20.50		
15	64QAM	1	74	20.54	20.66	20.68		
15	64QAM	36	0	19.47	19.38	19.44	21	3
15	64QAM	36	20	19.45	19.54	19.48		
15	64QAM	36	39	19.36	19.50	19.35		
15	64QAM	75	0	19.36	19.44	19.51		
15	256QAM	1	0	17.55	17.53	17.53	19	5
15	256QAM	1	37	17.56	17.62	17.60		
15	256QAM	1	74	17.48	17.53	17.57		
15	256QAM	36	0	17.46	17.54	17.50	19	5
15	256QAM	36	20	17.50	17.59	17.57		
15	256QAM	36	39	17.52	17.49	17.54		
15	256QAM	75	0	17.48	17.49	17.55		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.56	22.52	22.46	24	0
10	QPSK	1	25	22.47	22.50	22.44		
10	QPSK	1	49	22.43	22.51	22.45		
10	QPSK	25	0	21.38	21.44	21.44	23	1
10	QPSK	25	12	21.45	21.48	21.43		
10	QPSK	25	25	21.46	21.46	21.42		
10	QPSK	50	0	21.42	21.51	21.36		
10	16QAM	1	0	21.75	21.78	21.78	23	1
10	16QAM	1	25	21.79	21.93	21.77		
10	16QAM	1	49	21.85	21.92	21.72		
10	16QAM	25	0	20.32	20.45	20.37	22	2
10	16QAM	25	12	20.37	20.39	20.37		
10	16QAM	25	25	20.46	20.43	20.44		
10	16QAM	50	0	20.45	20.41	20.36		
10	64QAM	1	0	20.56	20.61	20.56	22	2
10	64QAM	1	25	20.56	20.54	20.59		
10	64QAM	1	49	20.54	20.71	20.64		
10	64QAM	25	0	19.45	19.39	19.45	21	3
10	64QAM	25	12	19.41	19.48	19.53		
10	64QAM	25	25	19.36	19.49	19.37		
10	64QAM	50	0	19.36	19.35	19.48		
10	256QAM	1	0	17.48	17.63	17.50	19	5
10	256QAM	1	25	17.53	17.56	17.57		
10	256QAM	1	49	17.55	17.48	17.49		
10	256QAM	25	0	17.56	17.56	17.48	19	5
10	256QAM	25	12	17.48	17.52	17.50		
10	256QAM	25	25	17.48	17.60	17.50		
10	256QAM	50	0	17.55	17.54	17.53		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.47	22.57	22.51	24	0
5	QPSK	1	12	22.52	22.52	22.44		
5	QPSK	1	24	22.51	22.57	22.51		
5	QPSK	12	0	21.44	21.50	21.42	23	1
5	QPSK	12	7	21.38	21.41	21.39		
5	QPSK	12	13	21.48	21.43	21.45		
5	QPSK	25	0	21.45	21.40	21.38		
5	16QAM	1	0	21.66	21.77	21.86	23	1
5	16QAM	1	12	21.80	21.86	21.77		
5	16QAM	1	24	21.87	21.83	21.71		
5	16QAM	12	0	20.33	20.54	20.41	22	2
5	16QAM	12	7	20.36	20.41	20.46		
5	16QAM	12	13	20.38	20.40	20.46		
5	16QAM	25	0	20.40	20.48	20.38		
5	64QAM	1	0	20.56	20.64	20.51	22	2
5	64QAM	1	12	20.61	20.60	20.55		
5	64QAM	1	24	20.45	20.73	20.62		
5	64QAM	12	0	19.50	19.43	19.44	21	3
5	64QAM	12	7	19.37	19.49	19.51		
5	64QAM	12	13	19.41	19.48	19.39		
5	64QAM	25	0	19.36	19.38	19.51		
5	256QAM	1	0	17.53	17.55	17.51	19	5
5	256QAM	1	12	17.53	17.58	17.52		
5	256QAM	1	24	17.51	17.52	17.52		
5	256QAM	12	0	17.57	17.56	17.45	19	5
5	256QAM	12	7	17.53	17.55	17.51		
5	256QAM	12	13	17.52	17.51	17.54		
5	256QAM	25	0	17.48	17.55	17.50		

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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	22.51	22.55	22.61	22.49	22.49	24	0
20	QPSK	1	49	22.48	22.51	22.51	22.51	22.49		
20	QPSK	1	99	22.46	22.58	22.47	22.54	22.48		
20	QPSK	50	0	21.47	21.49	21.54	21.44	21.39	23	1
20	QPSK	50	24	21.46	21.47	21.44	21.47	21.38		
20	QPSK	50	50	21.39	21.49	21.43	21.43	21.47		
20	QPSK	100	0	21.40	21.41	21.51	21.43	21.37		
20	16QAM	1	0	21.69	21.88	21.69	21.86	21.82	23	1
20	16QAM	1	49	21.79	21.84	21.83	21.95	21.77		
20	16QAM	1	99	21.89	21.86	21.82	21.89	21.68		
20	16QAM	50	0	20.34	20.56	20.40	20.45	20.38	22	2
20	16QAM	50	24	20.36	20.40	20.35	20.46	20.44		
20	16QAM	50	50	20.42	20.43	20.48	20.48	20.37		
20	16QAM	100	0	20.41	20.47	20.39	20.49	20.44		
20	64QAM	1	0	20.61	20.67	20.63	20.68	20.57	22	2
20	64QAM	1	49	20.56	20.58	20.51	20.56	20.51		
20	64QAM	1	99	20.49	20.70	20.47	20.65	20.62		
20	64QAM	50	0	19.51	19.44	19.46	19.49	19.36	21	3
20	64QAM	50	24	19.40	19.49	19.39	19.51	19.54		
20	64QAM	50	50	19.36	19.53	19.45	19.46	19.46		
20	64QAM	100	0	19.35	19.40	19.46	19.47	19.50		
20	256QAM	1	0	17.46	17.53	17.46	17.54	17.47	19	5
20	256QAM	1	49	17.54	17.57	17.53	17.58	17.61		
20	256QAM	1	99	17.53	17.51	17.48	17.49	17.47		
20	256QAM	50	0	17.46	17.54	17.53	17.50	17.53	19	5
20	256QAM	50	24	17.51	17.50	17.56	17.56	17.45		
20	256QAM	50	50	17.47	17.59	17.55	17.52	17.49		
20	256QAM	100	0	17.50	17.51	17.51	17.53	17.48		
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	22.49	22.59	22.47	22.60	22.45	24	0
15	QPSK	1	37	22.45	22.52	22.46	22.50	22.47		
15	QPSK	1	74	22.49	22.55	22.46	22.51	22.49		
15	QPSK	36	0	21.43	21.47	21.45	21.44	21.47	23	1
15	QPSK	36	20	21.46	21.42	21.42	21.46	21.44		
15	QPSK	36	39	21.45	21.46	21.49	21.46	21.42		
15	QPSK	75	0	21.38	21.40	21.41	21.40	21.38		
15	16QAM	1	0	21.71	21.77	21.68	21.78	21.85	23	1
15	16QAM	1	37	21.83	21.94	21.81	21.94	21.81		
15	16QAM	1	74	21.90	21.84	21.89	21.82	21.77		
15	16QAM	36	0	20.38	20.49	20.35	20.53	20.45	22	2
15	16QAM	36	20	20.41	20.39	20.37	20.50	20.37		
15	16QAM	36	39	20.47	20.45	20.41	20.44	20.38		
15	16QAM	75	0	20.40	20.42	20.48	20.50	20.40		
15	64QAM	1	0	20.58	20.61	20.56	20.57	20.55	22	2
15	64QAM	1	37	20.58	20.59	20.58	20.53	20.60		
15	64QAM	1	74	20.46	20.64	20.51	20.67	20.67		
15	64QAM	36	0	19.51	19.41	19.54	19.50	19.45	21	3
15	64QAM	36	20	19.41	19.47	19.36	19.46	19.47		
15	64QAM	36	39	19.36	19.43	19.36	19.45	19.38		
15	64QAM	75	0	19.44	19.46	19.42	19.47	19.51		
15	256QAM	1	0	17.56	17.56	17.56	17.55	17.46	19	5
15	256QAM	1	37	17.54	17.58	17.45	17.62	17.57		
15	256QAM	1	74	17.52	17.50	17.51	17.55	17.48		
15	256QAM	36	0	17.46	17.53	17.51	17.55	17.50	19	5
15	256QAM	36	20	17.46	17.48	17.52	17.56	17.45		
15	256QAM	36	39	17.47	17.52	17.47	17.59	17.47		
15	256QAM	75	0	17.56	17.51	17.49	17.58	17.52		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.55	22.57	22.51	22.50	22.48	24	0
10	QPSK	1	25	22.47	22.49	22.49	22.52	22.42		
10	QPSK	1	49	22.52	22.56	22.43	22.57	22.47		
10	QPSK	25	0	21.45	21.46	21.39	21.43	21.47	23	1
10	QPSK	25	12	21.46	21.44	21.48	21.46	21.43		
10	QPSK	25	25	21.39	21.50	21.48	21.48	21.40		
10	QPSK	50	0	21.43	21.42	21.41	21.40	21.39		
10	16QAM	1	0	21.75	21.79	21.72	21.87	21.84	23	1
10	16QAM	1	25	21.74	21.85	21.81	21.95	21.75		
10	16QAM	1	49	21.82	21.83	21.87	21.84	21.74		
10	16QAM	25	0	20.34	20.45	20.42	20.49	20.45	22	2
10	16QAM	25	12	20.46	20.40	20.37	20.46	20.39		
10	16QAM	25	25	20.45	20.47	20.39	20.48	20.40		
10	16QAM	50	0	20.45	20.52	20.48	20.51	20.43		
10	64QAM	1	0	20.60	20.61	20.64	20.58	20.54	22	2
10	64QAM	1	25	20.54	20.58	20.60	20.52	20.57		
10	64QAM	1	49	20.50	20.72	20.45	20.63	20.62		
10	64QAM	25	0	19.48	19.46	19.54	19.44	19.44	21	3
10	64QAM	25	12	19.46	19.46	19.42	19.50	19.44		
10	64QAM	25	25	19.35	19.53	19.44	19.46	19.38		
10	64QAM	50	0	19.39	19.43	19.37	19.38	19.44		
10	256QAM	1	0	17.47	17.62	17.45	17.59	17.54	19	5
10	256QAM	1	25	17.54	17.51	17.53	17.53	17.52		
10	256QAM	1	49	17.51	17.55	17.47	17.56	17.48		
10	256QAM	25	0	17.52	17.56	17.53	17.49	17.53	19	5
10	256QAM	25	12	17.55	17.51	17.54	17.57	17.56		
10	256QAM	25	25	17.48	17.54	17.53	17.55	17.54		
10	256QAM	50	0	17.51	17.49	17.49	17.53	17.56		
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	22.46	22.53	22.45	22.54	22.49	24	0
5	QPSK	1	12	22.52	22.59	22.52	22.55	22.46		
5	QPSK	1	24	22.48	22.47	22.42	22.55	22.54		
5	QPSK	12	0	21.43	21.51	21.44	21.46	21.40	23	1
5	QPSK	12	7	21.39	21.46	21.47	21.44	21.39		
5	QPSK	12	13	21.43	21.50	21.38	21.46	21.46		
5	QPSK	25	0	21.37	21.41	21.42	21.46	21.37		
5	16QAM	1	0	21.66	21.82	21.75	21.81	21.79	23	1
5	16QAM	1	12	21.81	21.85	21.81	21.93	21.75		
5	16QAM	1	24	21.85	21.90	21.90	21.85	21.73		
5	16QAM	12	0	20.41	20.49	20.32	20.45	20.42	22	2
5	16QAM	12	7	20.35	20.47	20.45	20.50	20.36		
5	16QAM	12	13	20.44	20.38	20.40	20.50	20.36		
5	16QAM	25	0	20.48	20.52	20.39	20.51	20.39		
5	64QAM	1	0	20.64	20.59	20.56	20.62	20.62	22	2
5	64QAM	1	12	20.57	20.62	20.57	20.52	20.50		
5	64QAM	1	24	20.52	20.64	20.45	20.72	20.66		
5	64QAM	12	0	19.50	19.38	19.50	19.41	19.40	21	3
5	64QAM	12	7	19.44	19.57	19.42	19.50	19.44		
5	64QAM	12	13	19.44	19.54	19.45	19.54	19.43		
5	64QAM	25	0	19.47	19.41	19.39	19.40	19.45		
5	256QAM	1	0	17.55	17.62	17.56	17.52	17.50	19	5
5	256QAM	1	12	17.55	17.53	17.47	17.54	17.60		
5	256QAM	1	24	17.46	17.60	17.47	17.54	17.54		
5	256QAM	12	0	17.51	17.52	17.46	17.49	17.48	19	5
5	256QAM	12	7	17.50	17.54	17.57	17.49	17.52		
5	256QAM	12	13	17.46	17.59	17.52	17.56	17.48		
5	256QAM	25	0	17.50	17.57	17.50	17.52	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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.45	22.49	22.40		
20	QPSK	1	49	22.41	22.44	22.40	24	0
20	QPSK	1	99	22.46	22.45	22.41		
20	QPSK	50	0	21.38	21.48	21.42		
20	QPSK	50	24	21.38	21.44	21.32	23	1
20	QPSK	50	50	21.42	21.39	21.33		
20	QPSK	100	0	21.41	21.47	21.36		
20	16QAM	1	0	21.60	21.72	21.76		
20	16QAM	1	49	21.69	21.79	21.73	23	1
20	16QAM	1	99	21.84	21.76	21.66		
20	16QAM	50	0	20.30	20.41	20.30		
20	16QAM	50	24	20.33	20.43	20.36	22	2
20	16QAM	50	50	20.36	20.39	20.29		
20	16QAM	100	0	20.34	20.44	20.33		
20	64QAM	1	0	20.52	20.60	20.53		
20	64QAM	1	49	20.50	20.56	20.54	22	2
20	64QAM	1	99	20.44	20.57	20.56		
20	64QAM	50	0	19.47	19.35	19.34		
20	64QAM	50	24	19.35	19.43	19.49	21	3
20	64QAM	50	50	19.34	19.47	19.40		
20	64QAM	100	0	19.30	19.30	19.43		
20	256QAM	1	0	17.49	17.58	17.48		
20	256QAM	1	49	17.40	17.48	17.54	19	5
20	256QAM	1	99	17.41	17.42	17.43		
20	256QAM	50	0	17.45	17.46	17.51		
20	256QAM	50	24	17.48	17.43	17.48	19	5
20	256QAM	50	50	17.44	17.49	17.40		
20	256QAM	100	0	17.39	17.50	17.50		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.47	22.47	22.47		
15	QPSK	1	37	22.37	22.47	22.44	24	0
15	QPSK	1	74	22.45	22.45	22.37		
15	QPSK	36	0	21.36	21.40	21.41		
15	QPSK	36	20	21.38	21.35	21.37	23	1
15	QPSK	36	39	21.35	21.39	21.32		
15	QPSK	75	0	21.36	21.45	21.34		
15	16QAM	1	0	21.62	21.77	21.82		
15	16QAM	1	37	21.79	21.80	21.76	23	1
15	16QAM	1	74	21.85	21.81	21.70		
15	16QAM	36	0	20.36	20.40	20.34		
15	16QAM	36	20	20.39	20.38	20.38	22	2
15	16QAM	36	39	20.43	20.39	20.36		
15	16QAM	75	0	20.34	20.43	20.35		
15	64QAM	1	0	20.55	20.53	20.52		
15	64QAM	1	37	20.48	20.52	20.55	22	2
15	64QAM	1	74	20.46	20.58	20.63		
15	64QAM	36	0	19.39	19.40	19.40		
15	64QAM	36	20	19.37	19.45	19.42	21	3
15	64QAM	36	39	19.32	19.45	19.37		
15	64QAM	75	0	19.37	19.32	19.40		
15	256QAM	1	0	17.46	17.48	17.42		
15	256QAM	1	37	17.47	17.51	17.50	19	5
15	256QAM	1	74	17.44	17.46	17.47		
15	256QAM	36	0	17.41	17.46	17.46		
15	256QAM	36	20	17.51	17.45	17.39	19	5
15	256QAM	36	39	17.47	17.49	17.48		
15	256QAM	75	0	17.50	17.53	17.46		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.45	22.43	22.45		
10	QPSK	1	25	22.45	22.48	22.41	24	0
10	QPSK	1	49	22.35	22.47	22.39		
10	QPSK	25	0	21.35	21.38	21.39		
10	QPSK	25	12	21.37	21.42	21.34	23	1
10	QPSK	25	25	21.39	21.41	21.37		
10	QPSK	50	0	21.38	21.36	21.36		
10	16QAM	1	0	21.70	21.71	21.76		
10	16QAM	1	25	21.78	21.90	21.76	23	1
10	16QAM	1	49	21.74	21.75	21.71		
10	16QAM	25	0	20.33	20.48	20.32		
10	16QAM	25	12	20.39	20.34	20.33	22	2
10	16QAM	25	25	20.43	20.42	20.29		
10	16QAM	50	0	20.34	20.35	20.34		
10	64QAM	1	0	20.56	20.53	20.54		
10	64QAM	1	25	20.45	20.56	20.56	22	2
10	64QAM	1	49	20.41	20.60	20.61		
10	64QAM	25	0	19.46	19.32	19.35		
10	64QAM	25	12	19.34	19.45	19.39	21	3
10	64QAM	25	25	19.39	19.41	19.33		
10	64QAM	50	0	19.31	19.35	19.42		
10	256QAM	1	0	17.48	17.53	17.48		
10	256QAM	1	25	17.42	17.45	17.44	19	5
10	256QAM	1	49	17.41	17.42	17.51		
10	256QAM	25	0	17.42	17.51	17.49		
10	256QAM	25	12	17.47	17.52	17.49	19	5
10	256QAM	25	25	17.49	17.43	17.40		
10	256QAM	50	0	17.48	17.45	17.44		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.40	22.44	22.37		
5	QPSK	1	12	22.42	22.48	22.40	24	0
5	QPSK	1	24	22.36	22.44	22.47		
5	QPSK	12	0	21.42	21.45	21.37		
5	QPSK	12	7	21.43	21.43	21.34	23	1
5	QPSK	12	13	21.43	21.44	21.32		
5	QPSK	25	0	21.38	21.37	21.30		
5	16QAM	1	0	21.69	21.74	21.79		
5	16QAM	1	12	21.71	21.86	21.71	23	1
5	16QAM	1	24	21.83	21.77	21.71		
5	16QAM	12	0	20.35	20.39	20.30		
5	16QAM	12	7	20.31	20.33	20.39	22	2
5	16QAM	12	13	20.36	20.40	20.39		
5	16QAM	25	0	20.34	20.44	20.29		
5	64QAM	1	0	20.49	20.55	20.45		
5	64QAM	1	12	20.56	20.57	20.47	22	2
5	64QAM	1	24	20.39	20.68	20.55		
5	64QAM	12	0	19.44	19.35	19.40		
5	64QAM	12	7	19.30	19.40	19.37	21	3
5	64QAM	12	13	19.39	19.44	19.32		
5	64QAM	25	0	19.35	19.30	19.46		
5	256QAM	1	0	17.49	17.54	17.42		
5	256QAM	1	12	17.44	17.50	17.54	19	5
5	256QAM	1	24	17.43	17.44	17.51		
5	256QAM	12	0	17.43	17.44	17.46		
5	256QAM	12	7	17.41	17.47	17.41	19	5
5	256QAM	12	13	17.41	17.47	17.41		
5	256QAM	25	0	17.41	17.49	17.46		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.27	22.38	22.26		
20	QPSK	1	49	22.30	22.32	22.22	24	0
20	QPSK	1	99	22.26	22.26	22.31		
20	QPSK	50	0	21.27	21.32	21.21		
20	QPSK	50	24	21.16	21.20	21.17	23	1
20	QPSK	50	50	21.24	21.21	21.24		
20	QPSK	100	0	21.21	21.28	21.25		
20	16QAM	1	0	21.54	21.56	21.57		
20	16QAM	1	49	21.56	21.65	21.62	23	1
20	16QAM	1	99	21.69	21.67	21.46		
20	16QAM	50	0	20.17	20.25	20.15		
20	16QAM	50	24	20.15	20.28	20.19	22	2
20	16QAM	50	50	20.20	20.17	20.22		
20	16QAM	100	0	20.28	20.25	20.22		
20	64QAM	1	0	20.39	20.45	20.33		
20	64QAM	1	49	20.42	20.43	20.30	22	2
20	64QAM	1	99	20.24	20.51	20.47		
20	64QAM	50	0	19.30	19.18	19.20		
20	64QAM	50	24	19.15	19.31	19.28	21	3
20	64QAM	50	50	19.16	19.32	19.25		
20	64QAM	100	0	19.18	19.20	19.25		
20	256QAM	1	0	17.26	17.31	17.35		
20	256QAM	1	49	17.34	17.33	17.37	19	5
20	256QAM	1	99	17.28	17.35	17.32		
20	256QAM	50	0	17.27	17.37	17.26		
20	256QAM	50	24	17.34	17.32	17.32	19	5
20	256QAM	50	50	17.32	17.31	17.31		
20	256QAM	100	0	17.35	17.32	17.35		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.35	22.32	22.33		
15	QPSK	1	37	22.24	22.29	22.28	24	0
15	QPSK	1	74	22.21	22.26	22.25		
15	QPSK	36	0	21.27	21.26	21.27		
15	QPSK	36	20	21.23	21.29	21.19	23	1
15	QPSK	36	39	21.24	21.23	21.18		
15	QPSK	75	0	21.20	21.26	21.19		
15	16QAM	1	0	21.46	21.55	21.67		
15	16QAM	1	37	21.60	21.66	21.54	23	1
15	16QAM	1	74	21.61	21.70	21.47		
15	16QAM	36	0	20.15	20.24	20.21		
15	16QAM	36	20	20.24	20.19	20.24	22	2
15	16QAM	36	39	20.27	20.23	20.20		
15	16QAM	75	0	20.28	20.30	20.21		
15	64QAM	1	0	20.39	20.40	20.30		
15	64QAM	1	37	20.39	20.34	20.35	22	2
15	64QAM	1	74	20.25	20.52	20.45		
15	64QAM	36	0	19.32	19.25	19.22		
15	64QAM	36	20	19.20	19.24	19.29	21	3
15	64QAM	36	39	19.20	19.29	19.19		
15	64QAM	75	0	19.21	19.23	19.23		
15	256QAM	1	0	17.27	17.39	17.35		
15	256QAM	1	37	17.30	17.38	17.34	19	5
15	256QAM	1	74	17.28	17.27	17.28		
15	256QAM	36	0	17.27	17.36	17.31		
15	256QAM	36	20	17.32	17.39	17.34	19	5
15	256QAM	36	39	17.34	17.30	17.28		
15	256QAM	75	0	17.31	17.37	17.30		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.30	22.36	22.28		
10	QPSK	1	25	22.22	22.32	22.26	24	0
10	QPSK	1	49	22.22	22.29	22.31		
10	QPSK	25	0	21.17	21.28	21.20		
10	QPSK	25	12	21.22	21.22	21.18	23	1
10	QPSK	25	25	21.20	21.30	21.26		
10	QPSK	50	0	21.18	21.27	21.22		
10	16QAM	1	0	21.46	21.59	21.60		
10	16QAM	1	25	21.57	21.68	21.58	23	1
10	16QAM	1	49	21.66	21.67	21.49		
10	16QAM	25	0	20.13	20.24	20.18		
10	16QAM	25	12	20.23	20.17	20.19	22	2
10	16QAM	25	25	20.25	20.25	20.13		
10	16QAM	50	0	20.18	20.30	20.16		
10	64QAM	1	0	20.40	20.39	20.31		
10	64QAM	1	25	20.32	20.37	20.31	22	2
10	64QAM	1	49	20.27	20.51	20.45		
10	64QAM	25	0	19.26	19.17	19.24		
10	64QAM	25	12	19.18	19.29	19.23	21	3
10	64QAM	25	25	19.25	19.23	19.19		
10	64QAM	50	0	19.14	19.14	19.23		
10	256QAM	1	0	17.25	17.34	17.31		
10	256QAM	1	25	17.35	17.34	17.30	19	5
10	256QAM	1	49	17.32	17.30	17.29		
10	256QAM	25	0	17.31	17.38	17.28		
10	256QAM	25	12	17.29	17.32	17.33	19	5
10	256QAM	25	25	17.36	17.37	17.28		
10	256QAM	50	0	17.35	17.31	17.31		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.32	22.35	22.30		
5	QPSK	1	12	22.22	22.32	22.23	24	0
5	QPSK	1	24	22.21	22.28	22.33		
5	QPSK	12	0	21.21	21.25	21.20		
5	QPSK	12	7	21.21	21.24	21.12	23	1
5	QPSK	12	13	21.23	21.22	21.21		
5	QPSK	25	0	21.19	21.21	21.21		
5	16QAM	1	0	21.51	21.60	21.58		
5	16QAM	1	12	21.60	21.65	21.56	23	1
5	16QAM	1	24	21.62	21.71	21.56		
5	16QAM	12	0	20.14	20.23	20.22		
5	16QAM	12	7	20.24	20.24	20.15	22	2
5	16QAM	12	13	20.26	20.20	20.19		
5	16QAM	25	0	20.27	20.25	20.16		
5	64QAM	1	0	20.41	20.39	20.38		
5	64QAM	1	12	20.33	20.41	20.38	22	2
5	64QAM	1	24	20.31	20.49	20.46		
5	64QAM	12	0	19.35	19.23	19.19		
5	64QAM	12	7	19.25	19.29	19.26	21	3
5	64QAM	12	13	19.14	19.33	19.20		
5	64QAM	25	0	19.24	19.25	19.33		
5	256QAM	1	0	17.29	17.37	17.36		
5	256QAM	1	12	17.28	17.36	17.41	19	5
5	256QAM	1	24	17.33	17.29	17.26		
5	256QAM	12	0	17.32	17.31	17.32		
5	256QAM	12	7	17.31	17.39	17.29	19	5
5	256QAM	12	13	17.35	17.38	17.36		
5	256QAM	25	0	17.25	17.31	17.25		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.38	17.45	17.42		
20	QPSK	1	49	17.37	17.41	17.36	19	0
20	QPSK	1	99	17.25	17.43	17.37		
20	QPSK	50	0	16.41	16.44	16.39		
20	QPSK	50	24	16.28	16.21	16.20	18	1
20	QPSK	50	50	16.24	16.29	16.22		
20	QPSK	100	0	16.35	16.39	16.37		
20	16QAM	1	0	16.57	16.60	16.73		
20	16QAM	1	49	16.69	16.79	16.63	18	1
20	16QAM	1	99	16.64	16.75	16.52		
20	16QAM	50	0	15.26	15.28	15.17		
20	16QAM	50	24	15.24	15.22	15.30	17	2
20	16QAM	50	50	15.29	15.32	15.30		
20	16QAM	100	0	15.39	15.32	15.23		
20	64QAM	1	0	15.45	15.48	15.35		
20	64QAM	1	49	15.44	15.37	15.32	17	2
20	64QAM	1	99	15.30	15.59	15.41		
20	64QAM	50	0	14.39	14.23	14.27		
20	64QAM	50	24	14.31	14.37	14.35	16	3
20	64QAM	50	50	14.27	14.27	14.31		
20	64QAM	100	0	14.14	14.22	14.38		
20	256QAM	1	0	12.44	12.33	12.34		
20	256QAM	1	49	12.43	12.36	12.37	14	5
20	256QAM	1	99	12.37	12.37	12.34		
20	256QAM	50	0	12.47	12.43	12.33		
20	256QAM	50	24	12.39	12.41	12.28	14	5
20	256QAM	50	50	12.42	12.46	12.28		
20	256QAM	100	0	12.28	12.43	12.39		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.29	17.44	17.24		
15	QPSK	1	37	17.21	17.38	17.21	19	0
15	QPSK	1	74	17.14	17.39	17.34		
15	QPSK	36	0	16.34	16.34	16.29		
15	QPSK	36	20	16.25	16.19	16.15	18	1
15	QPSK	36	39	16.19	16.25	16.24		
15	QPSK	75	0	16.20	16.22	16.18		
15	16QAM	1	0	16.42	16.59	16.65		
15	16QAM	1	37	16.55	16.71	16.54	18	1
15	16QAM	1	74	16.66	16.70	16.45		
15	16QAM	36	0	15.17	15.31	15.18		
15	16QAM	36	20	15.25	15.17	15.18	17	2
15	16QAM	36	39	15.22	15.27	15.15		
15	16QAM	75	0	15.25	15.26	15.17		
15	64QAM	1	0	15.41	15.40	15.32		
15	64QAM	1	37	15.38	15.32	15.35	17	2
15	64QAM	1	74	15.28	15.47	15.39		
15	64QAM	36	0	14.34	14.25	14.27		
15	64QAM	36	20	14.29	14.29	14.24	16	3
15	64QAM	36	39	14.17	14.29	14.21		
15	64QAM	75	0	14.19	14.22	14.34		
15	256QAM	1	0	12.32	12.32	12.28		
15	256QAM	1	37	12.39	12.40	12.36	14	5
15	256QAM	1	74	12.32	12.24	12.32		
15	256QAM	36	0	12.37	12.41	12.38		
15	256QAM	36	20	12.30	12.28	12.22	14	5
15	256QAM	36	39	12.35	12.36	12.23		
15	256QAM	75	0	12.32	12.29	12.26		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.40	17.41	17.33		
10	QPSK	1	25	17.25	17.33	17.21	19	0
10	QPSK	1	49	17.20	17.35	17.30		
10	QPSK	25	0	16.30	16.38	16.32		
10	QPSK	25	12	16.29	16.27	16.22	18	1
10	QPSK	25	25	16.22	16.25	16.25		
10	QPSK	50	0	16.20	16.25	16.25		
10	16QAM	1	0	16.42	16.64	16.67		
10	16QAM	1	25	16.65	16.76	16.58	18	1
10	16QAM	1	49	16.58	16.63	16.41		
10	16QAM	25	0	15.22	15.25	15.23		
10	16QAM	25	12	15.22	15.20	15.24	17	2
10	16QAM	25	25	15.25	15.26	15.19		
10	16QAM	50	0	15.29	15.33	15.19		
10	64QAM	1	0	15.41	15.41	15.29		
10	64QAM	1	25	15.36	15.35	15.33	17	2
10	64QAM	1	49	15.35	15.51	15.43		
10	64QAM	25	0	14.35	14.25	14.30		
10	64QAM	25	12	14.26	14.34	14.20	16	3
10	64QAM	25	25	14.22	14.23	14.21		
10	64QAM	50	0	14.12	14.23	14.38		
10	256QAM	1	0	12.29	12.35	12.32		
10	256QAM	1	25	12.29	12.34	12.38	14	5
10	256QAM	1	49	12.32	12.33	12.28		
10	256QAM	25	0	12.42	12.34	12.35		
10	256QAM	25	12	12.22	12.28	12.24	14	5
10	256QAM	25	25	12.37	12.31	12.19		
10	256QAM	50	0	12.23	12.39	12.26		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.31	17.43	17.33		
5	QPSK	1	12	17.28	17.38	17.22	19	0
5	QPSK	1	24	17.15	17.34	17.29		
5	QPSK	12	0	16.25	16.37	16.31		
5	QPSK	12	7	16.17	16.20	16.19	18	1
5	QPSK	12	13	16.21	16.21	16.18		
5	QPSK	25	0	16.18	16.30	16.24		
5	16QAM	1	0	16.44	16.65	16.70		
5	16QAM	1	12	16.58	16.71	16.49	18	1
5	16QAM	1	24	16.58	16.64	16.41		
5	16QAM	12	0	15.17	15.25	15.15		
5	16QAM	12	7	15.26	15.12	15.22	17	2
5	16QAM	12	13	15.19	15.17	15.15		
5	16QAM	25	0	15.34	15.35	15.16		
5	64QAM	1	0	15.42	15.34	15.37		
5	64QAM	1	12	15.37	15.28	15.34	17	2
5	64QAM	1	24	15.25	15.47	15.45		
5	64QAM	12	0	14.30	14.26	14.22		
5	64QAM	12	7	14.29	14.23	14.23	16	3
5	64QAM	12	13	14.13	14.30	14.28		
5	64QAM	25	0	14.08	14.15	14.37		
5	256QAM	1	0	12.35	12.33	12.24		
5	256QAM	1	12	12.34	12.33	12.33	14	5
5	256QAM	1	24	12.37	12.33	12.30		
5	256QAM	12	0	12.33	12.36	12.31		
5	256QAM	12	7	12.24	12.35	12.26	14	5
5	256QAM	12	13	12.37	12.31	12.23		
5	256QAM	25	0	12.33	12.37	12.32		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.27	17.37	17.34		
20	QPSK	1	49	17.28	17.33	17.30	19	0
20	QPSK	1	99	17.28	17.36	17.30		
20	QPSK	50	0	16.28	16.35	16.26		
20	QPSK	50	24	16.23	16.27	16.21	18	1
20	QPSK	50	50	16.16	16.24	16.20		
20	QPSK	100	0	16.24	16.29	16.28		
20	16QAM	1	0	16.51	16.66	16.61		
20	16QAM	1	49	16.54	16.72	16.62	18	1
20	16QAM	1	99	16.65	16.65	16.51		
20	16QAM	50	0	15.18	15.28	15.24		
20	16QAM	50	24	15.25	15.19	15.21	17	2
20	16QAM	50	50	15.25	15.28	15.16		
20	16QAM	100	0	15.27	15.29	15.14		
20	64QAM	1	0	15.33	15.39	15.33		
20	64QAM	1	49	15.37	15.33	15.39	17	2
20	64QAM	1	99	15.26	15.42	15.42		
20	64QAM	50	0	14.27	14.26	14.18		
20	64QAM	50	24	14.23	14.26	14.26	16	3
20	64QAM	50	50	14.22	14.31	14.21		
20	64QAM	100	0	14.21	14.26	14.27		
20	256QAM	1	0	12.26	12.42	12.26		
20	256QAM	1	49	12.26	12.40	12.32	14	5
20	256QAM	1	99	12.26	12.34	12.25		
20	256QAM	50	0	12.32	12.35	12.33		
20	256QAM	50	24	12.31	12.39	12.35	14	5
20	256QAM	50	50	12.32	12.38	12.28		
20	256QAM	100	0	12.28	12.30	12.25		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.29	17.30	17.32		
15	QPSK	1	37	17.29	17.31	17.27	19	0
15	QPSK	1	74	17.28	17.27	17.23		
15	QPSK	36	0	16.16	16.33	16.22		
15	QPSK	36	20	16.17	16.29	16.15	18	1
15	QPSK	36	39	16.23	16.24	16.18		
15	QPSK	75	0	16.18	16.21	16.20		
15	16QAM	1	0	16.50	16.64	16.58		
15	16QAM	1	37	16.58	16.64	16.58	18	1
15	16QAM	1	74	16.67	16.69	16.50		
15	16QAM	36	0	15.13	15.34	15.15		
15	16QAM	36	20	15.16	15.19	15.26	17	2
15	16QAM	36	39	15.28	15.18	15.13		
15	16QAM	75	0	15.19	15.31	15.15		
15	64QAM	1	0	15.42	15.41	15.38		
15	64QAM	1	37	15.40	15.39	15.36	17	2
15	64QAM	1	74	15.24	15.46	15.46		
15	64QAM	36	0	14.32	14.17	14.18		
15	64QAM	36	20	14.24	14.34	14.30	16	3
15	64QAM	36	39	14.14	14.28	14.23		
15	64QAM	75	0	14.17	14.22	14.34		
15	256QAM	1	0	12.32	12.42	12.35		
15	256QAM	1	37	12.29	12.40	12.39	14	5
15	256QAM	1	74	12.31	12.29	12.27		
15	256QAM	36	0	12.33	12.31	12.32		
15	256QAM	36	20	12.35	12.27	12.35	14	5
15	256QAM	36	39	12.25	12.37	12.24		
15	256QAM	75	0	12.29	12.31	12.29		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.28	17.33	17.26		
10	QPSK	1	25	17.22	17.34	17.23	19	0
10	QPSK	1	49	17.22	17.29	17.23		
10	QPSK	25	0	16.18	16.29	16.19		
10	QPSK	25	12	16.16	16.19	16.22	18	1
10	QPSK	25	25	16.19	16.27	16.18		
10	QPSK	50	0	16.17	16.21	16.16		
10	16QAM	1	0	16.53	16.58	16.57		
10	16QAM	1	25	16.57	16.68	16.60	18	1
10	16QAM	1	49	16.68	16.68	16.48		
10	16QAM	25	0	15.16	15.28	15.21		
10	16QAM	25	12	15.18	15.22	15.25	17	2
10	16QAM	25	25	15.24	15.20	15.23		
10	16QAM	50	0	15.19	15.20	15.19		
10	64QAM	1	0	15.35	15.38	15.35		
10	64QAM	1	25	15.33	15.36	15.35	17	2
10	64QAM	1	49	15.31	15.46	15.49		
10	64QAM	25	0	14.25	14.27	14.23		
10	64QAM	25	12	14.24	14.35	14.27	16	3
10	64QAM	25	25	14.16	14.28	14.21		
10	64QAM	50	0	14.22	14.20	14.29		
10	256QAM	1	0	12.28	12.35	12.32		
10	256QAM	1	25	12.30	12.31	12.36	14	5
10	256QAM	1	49	12.30	12.37	12.31		
10	256QAM	25	0	12.31	12.28	12.29		
10	256QAM	25	12	12.33	12.39	12.33	14	5
10	256QAM	25	25	12.25	12.37	12.33		
10	256QAM	50	0	12.32	12.35	12.35		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.33	17.35	17.27		
5	QPSK	1	12	17.24	17.35	17.27	19	0
5	QPSK	1	24	17.26	17.31	17.28		
5	QPSK	12	0	16.26	16.27	16.24		
5	QPSK	12	7	16.24	16.23	16.23	18	1
5	QPSK	12	13	16.20	16.22	16.27		
5	QPSK	25	0	16.22	16.25	16.23		
5	16QAM	1	0	16.51	16.64	16.60		
5	16QAM	1	12	16.54	16.71	16.63	18	1
5	16QAM	1	24	16.70	16.69	16.56		
5	16QAM	12	0	15.21	15.33	15.23		
5	16QAM	12	7	15.16	15.28	15.20	17	2
5	16QAM	12	13	15.19	15.22	15.16		
5	16QAM	25	0	15.22	15.28	15.20		
5	64QAM	1	0	15.40	15.36	15.38		
5	64QAM	1	12	15.34	15.33	15.33	17	2
5	64QAM	1	24	15.31	15.44	15.47		
5	64QAM	12	0	14.32	14.23	14.20		
5	64QAM	12	7	14.20	14.26	14.27	16	3
5	64QAM	12	13	14.15	14.27	14.18		
5	64QAM	25	0	14.20	14.19	14.31		
5	256QAM	1	0	12.31	12.43	12.29		
5	256QAM	1	12	12.28	12.36	12.34	14	5
5	256QAM	1	24	12.26	12.29	12.33		
5	256QAM	12	0	12.31	12.30	12.34		
5	256QAM	12	7	12.29	12.30	12.32	14	5
5	256QAM	12	13	12.27	12.28	12.29		
5	256QAM	25	0	12.36	12.38	12.35		

Reduced Power Mode for ECI2

GSM850 Ant0	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	31.75	31.72	31.68	33.50	22.75	22.72	22.68	24.50
GPRS 1 Tx slot	31.74	31.71	31.67	33.50	22.74	22.71	22.67	24.50
GPRS 2 Tx slots	30.96	30.91	30.88	32.00	24.96	24.91	24.88	26.00
GPRS 3 Tx slots	29.11	29.14	29.12	31.00	24.85	24.88	24.86	26.74
GPRS 4 Tx slots	28.07	28.05	27.96	29.00	25.07	25.05	24.96	26.00
EDGE 1 Tx slot	26.02	25.98	25.92	27.00	17.02	16.98	16.92	18.00
EDGE 2 Tx slots	24.88	24.80	24.78	26.00	18.88	18.80	18.78	20.00
EDGE 3 Tx slots	22.64	22.57	22.58	23.50	18.38	18.31	18.32	19.24
EDGE 4 Tx slots	21.43	21.45	21.33	22.50	18.43	18.45	18.33	19.50

Band		WCDMA V Ant0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.74	22.74	22.63	24.00
3GPP Rel 99	RMC 12.2Kbps	22.78	22.81	22.76	24.00
3GPP Rel 6	HSDPA Subtest-1	21.79	21.82	21.72	23.00
3GPP Rel 6	HSDPA Subtest-2	21.82	21.84	21.73	23.00
3GPP Rel 6	HSDPA Subtest-3	21.29	21.37	21.14	22.50
3GPP Rel 6	HSDPA Subtest-4	21.39	21.39	21.15	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.79	21.87	21.70	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.85	21.75	21.68	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.28	21.34	21.27	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.31	21.34	21.26	22.50
3GPP Rel 6	HSUPA Subtest-1	21.80	21.74	21.69	23.00
3GPP Rel 6	HSUPA Subtest-2	19.83	19.73	19.64	21.00
3GPP Rel 6	HSUPA Subtest-3	20.88	20.80	20.76	22.00
3GPP Rel 6	HSUPA Subtest-4	19.90	19.79	19.76	21.00
3GPP Rel 6	HSUPA Subtest-5	21.79	21.81	21.81	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.45	19.48	19.46	20.50

Band 2 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.32	20.37	20.35	21.5	0
20	QPSK	1	49	20.19	20.36	20.25		
20	QPSK	1	99	20.30	20.37	20.34		
20	QPSK	50	0	19.32	19.39	19.35	20.5	1
20	QPSK	50	24	19.29	19.37	19.23		
20	QPSK	50	50	19.28	19.32	19.26		
20	QPSK	100	0	19.27	19.37	19.36		
20	16QAM	1	0	19.18	19.37	19.29	20.5	1
20	16QAM	1	49	19.23	19.39	19.22		
20	16QAM	1	99	19.30	19.34	19.25		
20	16QAM	50	0	18.26	18.43	18.33	19.5	2
20	16QAM	50	24	18.23	18.36	18.28		
20	16QAM	50	50	18.30	18.29	18.33		
20	16QAM	100	0	18.33	18.37	18.38		
20	64QAM	1	0	18.17	18.40	18.22	19.5	2
20	64QAM	1	49	18.15	18.39	18.29		
20	64QAM	1	99	18.30	18.29	18.22		
20	64QAM	50	0	17.19	17.36	17.33	18.5	3
20	64QAM	50	24	17.21	17.32	17.25		
20	64QAM	50	50	17.32	17.35	17.27		
20	64QAM	100	0	17.23	17.43	17.40		
20	256QAM	1	0	15.22	15.40	15.29	16.5	5
20	256QAM	1	49	15.27	15.31	15.29		
20	256QAM	1	99	15.29	15.29	15.31		
20	256QAM	50	0	15.36	15.40	15.41	16.5	5
20	256QAM	50	24	15.13	15.40	15.36		
20	256QAM	50	50	15.13	15.34	15.22		
20	256QAM	100	0	15.26	15.36	15.20		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.19	20.31	20.24	21.5	0
15	QPSK	1	37	20.06	20.32	20.19		
15	QPSK	1	74	20.28	20.21	20.26		
15	QPSK	36	0	19.24	19.33	19.24	20.5	1
15	QPSK	36	20	19.16	19.30	19.17		
15	QPSK	36	39	19.26	19.22	19.24		
15	QPSK	75	0	19.15	19.27	19.29		
15	16QAM	1	0	19.10	19.26	19.27	20.5	1
15	16QAM	1	37	19.18	19.37	19.11		
15	16QAM	1	74	19.24	19.25	19.14		
15	16QAM	36	0	18.13	18.39	18.20	19.5	2
15	16QAM	36	20	18.13	18.27	18.14		
15	16QAM	36	39	18.18	18.23	18.21		
15	16QAM	75	0	18.29	18.28	18.28		
15	64QAM	1	0	18.07	18.33	18.18	19.5	2
15	64QAM	1	37	18.05	18.30	18.23		
15	64QAM	1	74	18.23	18.20	18.20		
15	64QAM	36	0	17.10	17.30	17.29	18.5	3
15	64QAM	36	20	17.17	17.24	17.20		
15	64QAM	36	39	17.30	17.24	17.13		
15	64QAM	75	0	17.15	17.38	17.35		
15	256QAM	1	0	15.09	15.34	15.27	16.5	5
15	256QAM	1	37	15.14	15.22	15.26		
15	256QAM	1	74	15.15	15.19	15.28		
15	256QAM	36	0	15.22	15.30	15.32	16.5	5
15	256QAM	36	20	15.06	15.37	15.24		
15	256QAM	36	39	15.07	15.21	15.19		
15	256QAM	75	0	15.20	15.30	15.17		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.24	20.29	20.27	21.5	0
10	QPSK	1	25	20.12	20.24	20.15		
10	QPSK	1	49	20.25	20.26	20.25		
10	QPSK	25	0	19.23	19.32	19.25	20.5	1
10	QPSK	25	12	19.24	19.26	19.16		
10	QPSK	25	25	19.16	19.29	19.20		
10	QPSK	50	0	19.23	19.30	19.32		
10	16QAM	1	0	19.05	19.26	19.22	20.5	1
10	16QAM	1	25	19.17	19.30	19.20		
10	16QAM	1	49	19.21	19.26	19.20		
10	16QAM	25	0	18.16	18.34	18.20	19.5	2
10	16QAM	25	12	18.10	18.28	18.19		
10	16QAM	25	25	18.25	18.17	18.24		
10	16QAM	50	0	18.28	18.27	18.28		
10	64QAM	1	0	18.11	18.36	18.16	19.5	2
10	64QAM	1	25	18.03	18.35	18.22		
10	64QAM	1	49	18.27	18.16	18.11		
10	64QAM	25	0	17.07	17.24	17.28	18.5	3
10	64QAM	25	12	17.17	17.20	17.19		
10	64QAM	25	25	17.19	17.24	17.14		
10	64QAM	50	0	17.15	17.33	17.27		
10	256QAM	1	0	15.13	15.29	15.16	16.5	5
10	256QAM	1	25	15.19	15.24	15.21		
10	256QAM	1	49	15.20	15.23	15.26		
10	256QAM	25	0	15.27	15.37	15.33	16.5	5
10	256QAM	25	12	15.09	15.34	15.24		
10	256QAM	25	25	15.01	15.25	15.16		
10	256QAM	50	0	15.18	15.24	15.14		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.24	20.28	20.24	21.5	0
5	QPSK	1	12	20.06	20.29	20.21		
5	QPSK	1	24	20.17	20.19	20.31		
5	QPSK	12	0	19.21	19.29	19.32	20.5	1
5	QPSK	12	7	19.24	19.34	19.11		
5	QPSK	12	13	19.24	19.24	19.15		
5	QPSK	25	0	19.24	19.27	19.26		
5	16QAM	1	0	19.05	19.29	19.17	20.5	1
5	16QAM	1	12	19.15	19.37	19.09		
5	16QAM	1	24	19.22	19.22	19.13		
5	16QAM	12	0	18.13	18.37	18.24	19.5	2
5	16QAM	12	7	18.14	18.30	18.24		
5	16QAM	12	13	18.20	18.27	18.18		
5	16QAM	25	0	18.27	18.32	18.26		
5	64QAM	1	0	18.10	18.34	18.18	19.5	2
5	64QAM	1	12	18.06	18.30	18.21		
5	64QAM	1	24	18.25	18.15	18.19		
5	64QAM	12	0	17.06	17.26	17.20	18.5	3
5	64QAM	12	7	17.14	17.18	17.21		
5	64QAM	12	13	17.24	17.26	17.18		
5	64QAM	25	0	17.14	17.38	17.31		
5	256QAM	1	0	15.08	15.28	15.24	16.5	5
5	256QAM	1	12	15.19	15.19	15.27		
5	256QAM	1	24	15.19	15.19	15.27		
5	256QAM	12	0	15.22	15.38	15.38	16.5	5
5	256QAM	12	7	15.11	15.29	15.33		
5	256QAM	12	13	15.07	15.22	15.20		
5	256QAM	25	0	15.16	15.28	15.10		
Channel				18815	19000	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.27	20.35	20.26	21.5	0
3	QPSK	1	8	20.17	20.28	20.13		
3	QPSK	1	14	20.20	20.23	20.20		
3	QPSK	8	0	19.24	19.31	19.30	20.5	1
3	QPSK	8	4	19.24	19.32	19.14		
3	QPSK	8	7	19.21	19.23	19.14		
3	QPSK	15	0	19.15	19.28	19.30		
3	16QAM	1	0	19.09	19.24	19.24	20.5	1
3	16QAM	1	8	19.13	19.30	19.08		
3	16QAM	1	14	19.17	19.25	19.22		
3	16QAM	8	0	18.14	18.35	18.24	19.5	2
3	16QAM	8	4	18.20	18.30	18.19		
3	16QAM	8	7	18.17	18.24	18.29		
3	16QAM	15	0	18.22	18.23	18.31		
3	64QAM	1	0	18.04	18.34	18.15	19.5	2
3	64QAM	1	8	18.06	18.28	18.17		
3	64QAM	1	14	18.27	18.20	18.14		
3	64QAM	8	0	17.09	17.28	17.20	18.5	3
3	64QAM	8	4	17.09	17.28	17.12		
3	64QAM	8	7	17.27	17.17	17.22		
3	64QAM	15	0	17.13	17.34	17.32		
3	256QAM	1	0	15.17	15.30	15.20	16.5	5
3	256QAM	1	8	15.16	15.21	15.17		
3	256QAM	1	14	15.18	15.22	15.28		
3	256QAM	8	0	15.32	15.31	15.34	16.5	5
3	256QAM	8	4	15.08	15.28	15.26		
3	256QAM	8	7	15.03	15.29	15.15		
3	256QAM	15	0	15.14	15.25	15.10		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.19	20.28	20.29	21.5	0
1.4	QPSK	1	3	20.15	20.26	20.16		
1.4	QPSK	1	5	20.24	20.26	20.24		
1.4	QPSK	3	0	20.22	20.32	20.29		
1.4	QPSK	3	1	20.15	20.30	20.21		
1.4	QPSK	3	3	20.20	20.20	20.31		
1.4	QPSK	6	0	19.19	19.25	19.29	20.5	1
1.4	16QAM	1	0	19.19	19.27	19.17	20.5	1
1.4	16QAM	1	3	19.21	19.28	19.21		
1.4	16QAM	1	5	19.21	19.23	19.29		
1.4	16QAM	3	0	19.15	19.25	19.21		
1.4	16QAM	3	1	19.16	19.28	19.11		
1.4	16QAM	3	3	19.24	19.24	19.20		
1.4	16QAM	6	0	18.22	18.41	18.28	19.5	2
1.4	64QAM	1	0	18.16	18.29	18.21	19.5	2
1.4	64QAM	1	3	18.23	18.38	18.27		
1.4	64QAM	1	5	18.19	18.24	18.24		
1.4	64QAM	3	0	18.23	18.23	18.28		
1.4	64QAM	3	1	18.31	18.26	18.27		
1.4	64QAM	3	3	18.12	18.28	18.10		
1.4	64QAM	6	0	17.18	17.30	17.22	18.5	3
1.4	256QAM	1	0	15.15	15.34	15.27	16.5	5
1.4	256QAM	1	3	15.17	15.25	15.23		
1.4	256QAM	1	5	15.23	15.17	15.26		
1.4	256QAM	3	0	15.30	15.27	15.38		
1.4	256QAM	3	1	15.06	15.36	15.31		
1.4	256QAM	3	3	15.06	15.23	15.11		
1.4	256QAM	6	0	15.21	15.24	15.13	16.5	5

Band 4 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.28	20.33	20.29	21.5	0
20	QPSK	1	49	20.10	20.31	20.18		
20	QPSK	1	99	20.16	20.25	20.23		
20	QPSK	50	0	19.24	19.32	19.29	20.5	1
20	QPSK	50	24	19.25	19.31	19.14		
20	QPSK	50	50	19.21	19.29	19.23		
20	QPSK	100	0	19.21	19.29	19.28		
20	16QAM	1	0	19.13	19.25	19.22	20.5	1
20	16QAM	1	49	19.17	19.27	19.14		
20	16QAM	1	99	19.19	19.31	19.17		
20	16QAM	50	0	18.23	18.35	18.24	19.5	2
20	16QAM	50	24	18.21	18.30	18.24		
20	16QAM	50	50	18.24	18.25	18.25		
20	16QAM	100	0	18.26	18.35	18.35		
20	64QAM	1	0	18.06	18.38	18.14	19.5	2
20	64QAM	1	49	18.05	18.33	18.20		
20	64QAM	1	99	18.26	18.15	18.19		
20	64QAM	50	0	17.10	17.27	17.30	18.5	3
20	64QAM	50	24	17.10	17.27	17.11		
20	64QAM	50	50	17.21	17.23	17.20		
20	64QAM	100	0	17.13	17.30	17.36		
20	256QAM	1	0	15.09	15.29	15.24	16.5	5
20	256QAM	1	49	15.21	15.19	15.24		
20	256QAM	1	99	15.18	15.16	15.20		
20	256QAM	50	0	15.33	15.31	15.36	16.5	5
20	256QAM	50	24	15.01	15.32	15.28		
20	256QAM	50	50	15.09	15.22	15.09		
20	256QAM	100	0	15.12	15.25	15.10		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.25	20.31	20.30	21.5	0
15	QPSK	1	37	20.12	20.32	20.22		
15	QPSK	1	74	20.19	20.16	20.30		
15	QPSK	36	0	19.28	19.32	19.29	20.5	1
15	QPSK	36	20	19.20	19.26	19.12		
15	QPSK	36	39	19.15	19.29	19.13		
15	QPSK	75	0	19.18	19.23	19.32		
15	16QAM	1	0	19.08	19.25	19.27	20.5	1
15	16QAM	1	37	19.16	19.37	19.11		
15	16QAM	1	74	19.23	19.22	19.23		
15	16QAM	36	0	18.19	18.33	18.27	19.5	2
15	16QAM	36	20	18.16	18.30	18.25		
15	16QAM	36	39	18.24	18.24	18.27		
15	16QAM	75	0	18.27	18.29	18.25		
15	64QAM	1	0	18.13	18.37	18.18	19.5	2
15	64QAM	1	37	18.11	18.36	18.18		
15	64QAM	1	74	18.26	18.25	18.10		
15	64QAM	36	0	17.14	17.32	17.27	18.5	3
15	64QAM	36	20	17.17	17.19	17.22		
15	64QAM	36	39	17.19	17.25	17.24		
15	64QAM	75	0	17.18	17.40	17.34		
15	256QAM	1	0	15.20	15.37	15.21	16.5	5
15	256QAM	1	37	15.21	15.29	15.26		
15	256QAM	1	74	15.20	15.19	15.28		
15	256QAM	36	0	15.33	15.29	15.33	16.5	5
15	256QAM	36	20	15.06	15.35	15.32		
15	256QAM	36	39	15.09	15.31	15.19		
15	256QAM	75	0	15.17	15.28	15.12		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.28	20.25	20.31	21.5	0
10	QPSK	1	25	20.08	20.26	20.17		
10	QPSK	1	49	20.17	20.16	20.29		
10	QPSK	25	0	19.28	19.27	19.27	20.5	1
10	QPSK	25	12	19.25	19.34	19.17		
10	QPSK	25	25	19.18	19.22	19.16		
10	QPSK	50	0	19.16	19.29	19.32		
10	16QAM	1	0	19.06	19.34	19.16	20.5	1
10	16QAM	1	25	19.18	19.26	19.11		
10	16QAM	1	49	19.26	19.29	19.21		
10	16QAM	25	0	18.22	18.29	18.31	19.5	2
10	16QAM	25	12	18.16	18.25	18.22		
10	16QAM	25	25	18.17	18.20	18.31		
10	16QAM	50	0	18.26	18.32	18.34		
10	64QAM	1	0	18.06	18.33	18.19	19.5	2
10	64QAM	1	25	18.06	18.26	18.19		
10	64QAM	1	49	18.19	18.24	18.12		
10	64QAM	25	0	17.10	17.27	17.23	18.5	3
10	64QAM	25	12	17.15	17.26	17.19		
10	64QAM	25	25	17.28	17.22	17.21		
10	64QAM	50	0	17.12	17.36	17.33		
10	256QAM	1	0	15.20	15.38	15.16	16.5	5
10	256QAM	1	25	15.19	15.23	15.27		
10	256QAM	1	49	15.26	15.21	15.29		
10	256QAM	25	0	15.30	15.31	15.31	16.5	5
10	256QAM	25	12	15.00	15.31	15.25		
10	256QAM	25	25	15.03	15.25	15.09		
10	256QAM	50	0	15.22	15.25	15.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.29	20.25	20.25	21.5	0
5	QPSK	1	12	20.05	20.31	20.15		
5	QPSK	1	24	20.26	20.24	20.31		
5	QPSK	12	0	19.22	19.28	19.32	20.5	1
5	QPSK	12	7	19.22	19.30	19.16		
5	QPSK	12	13	19.25	19.25	19.12		
5	QPSK	25	0	19.22	19.27	19.28		
5	16QAM	1	0	19.11	19.34	19.24	20.5	1
5	16QAM	1	12	19.21	19.27	19.14		
5	16QAM	1	24	19.23	19.27	19.21		
5	16QAM	12	0	18.17	18.39	18.24	19.5	2
5	16QAM	12	7	18.21	18.32	18.17		
5	16QAM	12	13	18.25	18.19	18.31		
5	16QAM	25	0	18.25	18.34	18.31		
5	64QAM	1	0	18.05	18.29	18.17	19.5	2
5	64QAM	1	12	18.08	18.32	18.15		
5	64QAM	1	24	18.21	18.19	18.13		
5	64QAM	12	0	17.09	17.24	17.26	18.5	3
5	64QAM	12	7	17.15	17.19	17.12		
5	64QAM	12	13	17.29	17.24	17.23		
5	64QAM	25	0	17.21	17.40	17.30		
5	256QAM	1	0	15.19	15.29	15.22	16.5	5
5	256QAM	1	12	15.21	15.25	15.16		
5	256QAM	1	24	15.20	15.16	15.25		
5	256QAM	12	0	15.33	15.29	15.28	16.5	5
5	256QAM	12	7	15.04	15.31	15.32		
5	256QAM	12	13	15.10	15.31	15.14		
5	256QAM	25	0	15.18	15.29	15.11		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.27	20.29	20.30	21.5	0
3	QPSK	1	8	20.11	20.28	20.22		
3	QPSK	1	14	20.26	20.23	20.25		
3	QPSK	8	0	19.19	19.30	19.30	20.5	1
3	QPSK	8	4	19.26	19.27	19.09		
3	QPSK	8	7	19.15	19.24	19.20		
3	QPSK	15	0	19.15	19.35	19.31		
3	16QAM	1	0	19.10	19.26	19.21	20.5	1
3	16QAM	1	8	19.12	19.29	19.09		
3	16QAM	1	14	19.21	19.21	19.20		
3	16QAM	8	0	18.15	18.29	18.30	19.5	2
3	16QAM	8	4	18.18	18.29	18.20		
3	16QAM	8	7	18.17	18.26	18.29		
3	16QAM	15	0	18.20	18.33	18.35		
3	64QAM	1	0	18.15	18.28	18.10	19.5	2
3	64QAM	1	8	18.13	18.26	18.16		
3	64QAM	1	14	18.27	18.23	18.15		
3	64QAM	8	0	17.07	17.29	17.21	18.5	3
3	64QAM	8	4	17.11	17.26	17.20		
3	64QAM	8	7	17.25	17.32	17.16		
3	64QAM	15	0	17.11	17.36	17.30		
3	256QAM	1	0	15.08	15.34	15.24	16.5	5
3	256QAM	1	8	15.20	15.26	15.26		
3	256QAM	1	14	15.26	15.19	15.25		
3	256QAM	8	0	15.32	15.36	15.33	16.5	5
3	256QAM	8	4	15.04	15.37	15.32		
3	256QAM	8	7	15.02	15.26	15.12		
3	256QAM	15	0	15.16	15.30	15.07		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.16	20.14	20.20	21.5	0
1.4	QPSK	1	3	20.08	20.19	20.02		
1.4	QPSK	1	5	20.18	20.19	20.13		
1.4	QPSK	3	0	20.16	20.27	20.16		
1.4	QPSK	3	1	20.06	20.22	20.12		
1.4	QPSK	3	3	20.06	20.07	20.19		
1.4	QPSK	6	0	19.07	19.21	19.24	20.5	1
1.4	16QAM	1	0	19.13	19.17	19.05	20.5	1
1.4	16QAM	1	3	19.14	19.19	19.15		
1.4	16QAM	1	5	19.16	19.11	19.17		
1.4	16QAM	3	0	19.05	19.21	19.10		
1.4	16QAM	3	1	19.05	19.20	19.05		
1.4	16QAM	3	3	19.18	19.16	19.14		
1.4	16QAM	6	0	18.10	18.28	18.25	19.5	2
1.4	64QAM	1	0	18.14	18.19	18.07	19.5	2
1.4	64QAM	1	3	18.20	18.26	18.18		
1.4	64QAM	1	5	18.08	18.11	18.20		
1.4	64QAM	3	0	18.17	18.09	18.14		
1.4	64QAM	3	1	18.24	18.14	18.20		
1.4	64QAM	3	3	18.02	18.15	18.00		
1.4	64QAM	6	0	17.13	17.24	17.20	18.5	3
1.4	256QAM	1	0	15.10	15.26	15.19	16.5	5
1.4	256QAM	1	3	15.05	15.12	15.10		
1.4	256QAM	1	5	15.10	15.08	15.22		
1.4	256QAM	3	0	15.17	15.18	15.33		
1.4	256QAM	3	1	15.03	15.32	15.18		
1.4	256QAM	3	3	15.02	15.13	15.02		
1.4	256QAM	6	0	15.15	15.21	15.01	16.5	5

Band 5 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.45	22.46	22.43	24	0
10	QPSK	1	25	22.27	22.41	22.34		
10	QPSK	1	49	22.36	22.42	22.39		
10	QPSK	25	0	21.42	21.52	21.47	23	1
10	QPSK	25	12	21.43	21.42	21.32		
10	QPSK	25	25	21.44	21.45	21.44		
10	QPSK	50	0	21.43	21.49	21.48		
10	16QAM	1	0	21.38	21.45	21.46	23	1
10	16QAM	1	25	21.34	21.45	21

Band 7 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.24	21.27	21.17	22.5	0
20	QPSK	1	49	21.11	21.16	21.09		
20	QPSK	1	99	21.08	21.22	21.17		
20	QPSK	50	0	20.24	20.28	20.26	21.5	1
20	QPSK	50	24	20.24	20.22	20.21		
20	QPSK	50	50	20.24	20.23	20.27		
20	QPSK	100	0	20.26	20.27	20.25		
20	16QAM	1	0	20.26	20.21	20.24	21.5	1
20	16QAM	1	49	20.21	20.22	20.29		
20	16QAM	1	99	20.20	20.24	20.24		
20	16QAM	50	0	19.24	19.35	19.17	20.5	2
20	16QAM	50	24	19.20	19.29	19.30		
20	16QAM	50	50	19.25	19.28	19.20		
20	16QAM	100	0	19.29	19.32	19.29		
20	64QAM	1	0	19.08	19.34	19.08	20.5	2
20	64QAM	1	49	19.06	19.38	19.21		
20	64QAM	1	99	19.26	19.07	19.22		
20	64QAM	50	0	18.02	18.34	18.29	19.5	3
20	64QAM	50	24	18.09	18.31	18.15		
20	64QAM	50	50	18.25	18.20	18.09		
20	64QAM	100	0	18.18	18.38	18.46		
20	256QAM	1	0	16.05	16.28	16.27	17.5	5
20	256QAM	1	49	16.15	16.14	16.22		
20	256QAM	1	99	16.23	16.16	16.30		
20	256QAM	50	0	16.34	16.41	16.36	17.5	5
20	256QAM	50	24	16.00	16.22	16.28		
20	256QAM	50	50	16.08	16.18	16.09		
20	256QAM	100	0	16.09	16.19	16.08		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.19	21.15	21.13	22.5	0
15	QPSK	1	37	21.00	21.14	21.05		
15	QPSK	1	74	20.98	21.15	21.15		
15	QPSK	36	0	20.13	20.18	20.17	21.5	1
15	QPSK	36	20	20.22	20.20	20.13		
15	QPSK	36	39	20.14	20.19	20.14		
15	QPSK	75	0	20.12	20.19	20.21		
15	16QAM	1	0	20.21	20.15	20.19	21.5	1
15	16QAM	1	37	20.20	20.22	20.22		
15	16QAM	1	74	20.11	20.19	20.21		
15	16QAM	36	0	19.22	19.29	19.13	20.5	2
15	16QAM	36	20	19.11	19.14	19.28		
15	16QAM	36	39	19.28	19.25	19.15		
15	16QAM	75	0	19.18	19.26	19.30		
15	64QAM	1	0	19.00	19.31	19.04	20.5	2
15	64QAM	1	37	19.04	19.36	19.11		
15	64QAM	1	74	19.18	19.00	19.17		
15	64QAM	36	0	17.95	18.29	18.18	19.5	3
15	64QAM	36	20	18.02	18.25	17.98		
15	64QAM	36	39	18.13	18.20	18.13		
15	64QAM	75	0	18.01	18.29	18.36		
15	256QAM	1	0	16.04	16.17	16.20	17.5	5
15	256QAM	1	37	16.07	16.11	16.21		
15	256QAM	1	74	16.14	16.06	16.14		
15	256QAM	36	0	16.34	16.29	16.25	17.5	5
15	256QAM	36	20	15.97	16.17	16.23		
15	256QAM	36	39	16.02	16.23	16.00		
15	256QAM	75	0	16.08	16.14	16.06		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.21	21.21	21.19	22.5	0
10	QPSK	1	25	21.02	21.17	21.03		
10	QPSK	1	49	20.99	21.13	21.16		
10	QPSK	25	0	20.11	20.20	20.12	21.5	1
10	QPSK	25	12	20.14	20.17	20.12		
10	QPSK	25	25	20.17	20.19	20.21		
10	QPSK	50	0	20.13	20.19	20.13		
10	16QAM	1	0	20.22	20.19	20.12	21.5	1
10	16QAM	1	25	20.12	20.22	20.16		
10	16QAM	1	49	20.16	20.18	20.13		
10	16QAM	25	0	19.24	19.19	19.06	20.5	2
10	16QAM	25	12	19.06	19.17	19.26		
10	16QAM	25	25	19.27	19.21	19.19		
10	16QAM	50	0	19.24	19.27	19.30		
10	64QAM	1	0	19.09	19.31	19.10	20.5	2
10	64QAM	1	25	19.02	19.35	19.15		
10	64QAM	1	49	19.25	19.02	19.22		
10	64QAM	25	0	18.05	18.29	18.19	19.5	3
10	64QAM	25	12	18.09	18.23	18.02		
10	64QAM	25	25	18.15	18.10	18.08		
10	64QAM	50	0	18.09	18.25	18.32		
10	256QAM	1	0	16.06	16.25	16.27	17.5	5
10	256QAM	1	25	16.07	16.13	16.24		
10	256QAM	1	49	16.18	15.99	16.23		
10	256QAM	25	0	16.27	16.28	16.31	17.5	5
10	256QAM	25	12	15.95	16.16	16.25		
10	256QAM	25	25	15.94	16.13	15.92		
10	256QAM	50	0	16.03	16.15	16.02		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.17	21.19	21.12	22.5	0
5	QPSK	1	12	21.04	21.15	21.03		
5	QPSK	1	24	21.08	21.13	21.18		
5	QPSK	12	0	20.21	20.18	20.17	21.5	1
5	QPSK	12	7	20.23	20.19	20.21		
5	QPSK	12	13	20.15	20.17	20.20		
5	QPSK	25	0	20.17	20.16	20.16		
5	16QAM	1	0	20.19	20.11	20.16	21.5	1
5	16QAM	1	12	20.15	20.20	20.20		
5	16QAM	1	24	20.18	20.12	20.14		
5	16QAM	12	0	19.19	19.29	19.08	20.5	2
5	16QAM	12	7	19.09	19.21	19.21		
5	16QAM	12	13	19.21	19.23	19.09		
5	16QAM	25	0	19.21	19.20	19.21		
5	64QAM	1	0	18.99	19.27	19.07	20.5	2
5	64QAM	1	12	18.97	19.30	19.18		
5	64QAM	1	24	19.23	19.09	19.20		
5	64QAM	12	0	17.96	18.25	18.18	19.5	3
5	64QAM	12	7	18.10	18.20	18.03		
5	64QAM	12	13	18.10	18.16	18.03		
5	64QAM	25	0	18.01	18.27	18.35		
5	256QAM	1	0	15.98	16.24	16.16	17.5	5
5	256QAM	1	12	16.06	16.17	16.25		
5	256QAM	1	24	16.13	16.10	16.13		
5	256QAM	12	0	16.26	16.25	16.30	17.5	5
5	256QAM	12	7	16.00	16.23	16.26		
5	256QAM	12	13	16.00	16.14	16.02		
5	256QAM	25	0	16.05	16.08	16.00		

Band 12 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.47	22.51	22.50	24	0
10	QPSK	1	25	22.35	22.39	22.32		
10	QPSK	1	49	22.30	22.50	22.47		
10	QPSK	25	0	21.40	21.50	21.45	23	1
10	QPSK	25	12	21.42	21.49	21.33		
10	QPSK	25	25	21.46	21.47	21.46		
10	QPSK	50	0	21.44	21.47	21.45		
10	16QAM	1	0	21.38	21.51	21.48	23	1
10	16QAM	1	25	21.31	21.44	21.42		
10	16QAM	1	49	21.40	21.57	21.44		
10	16QAM	25	0	20.47	20.52	20.41	22	2
10	16QAM	25	12	20.37	20.52	20.53		
10	16QAM	25	25	20.56	20.48	20.44		
10	16QAM	50	0	20.55	20.49	20.60		
10	64QAM	1	0	20.28	20.56	20.35	22	2
10	64QAM	1	25	20.33	20.58	20.48		
10	64QAM	1	49	20.54	20.36	20.49		
10	64QAM	25	0	19.23	19.58	19.44	21	3
10	64QAM	25	12	19.40	19.52	19.36		
10	64QAM	25	25	19.42	19.44	19.41		
10	64QAM	50	0	19.32	19.59	19.66		
10	256QAM	1	0	17.29	17.52	17.54	19	5
10	256QAM	1	25	17.41	17.41	17.48		
10	256QAM	1	49	17.44	17.30	17.49		
10	256QAM	25	0	17.62	17.64	17.53	19	5
10	256QAM	25	12	17.22	17.46	17.57		
10	256QAM	25	25	17.26	17.47	17.25		
10	256QAM	50	0	17.34	17.48	17.28		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.46	22.41	22.39	24	0
5	QPSK	1	12	22.25	22.36	22.33		
5	QPSK	1	24	22.22	22.33	22.29		
5	QPSK	12	0	21.36	21.42	21.42	23	1
5	QPSK	12	7	21.37	21.40	21.27		
5	QPSK	12	13	21.36	21.45	21.35		
5	QPSK	25	0	21.43	21.33	21.41		
5	16QAM	1	0	21.37	21.40	21.46	23	1
5	16QAM	1	12	21.28	21.36	21.32		
5	16QAM	1	24	21.35	21.53	21.32		
5	16QAM	12	0	20.40	20.41	20.37	22	2
5	16QAM	12	7	20.27	20.41	20.41		
5	16QAM	12	13	20.49	20.49	20.34		
5	16QAM	25	0	20.45	20.52	20.51		
5	64QAM	1	0	20.25	20.47	20.30	22	2
5	64QAM	1	12	20.18	20.54	20.41		
5	64QAM	1	24	20.44	20.27	20.40		
5	64QAM	12	0	19.20	19.48	19.41	21	3
5	64QAM	12	7	19.29	19.49	19.24		
5	64QAM	12	13	19.32	19.43	19.33		
5	64QAM	25	0	19.25	19.56	19.55		
5	256QAM	1	0	17.29	17.48	17.49	19	5
5	256QAM	1	12	17.34	17.35	17.46		
5	256QAM	1	24	17.42	17.28	17.38		
5	256QAM	12	0	17.55	17.47	17.52	19	5
5	256QAM	12	7	17.21	17.45	17.45		
5	256QAM	12	13	17.25	17.38	17.25		
5	256QAM	25	0	17.24	17.34	17.22		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.43	22.46	22.44	24	0
3	QPSK	1	8	22.19	22.40	22.28		
3	QPSK	1	14	22.29	22.38	22.34		
3	QPSK	8	0	21.35	21.42	21.44	23	1
3	QPSK	8	4	21.44	21.36	21.31		
3	QPSK	8	7	21.36	21.39	21.44		
3	QPSK	15	0	21.43	21.34	21.40		
3	16QAM	1	0	21.39	21.38	21.38	23	1
3	16QAM	1	8	21.36	21.36	21.28		
3	16QAM	1	14	21.36	21.53	21.36		
3	16QAM	8	0	20.40	20.44	20.30	22	2
3	16QAM	8	4	20.35	20.46	20.52		
3	16QAM	8	7	20.44	20.46	20.38		
3	16QAM	15	0	20.42	20.46	20.47		
3	64QAM	1	0	20.26	20.53	20.30	22	2
3	64QAM	1	8	20.20	20.54	20.38		
3	64QAM	1	14	20.47	20.32	20.37		
3	64QAM	8	0	19.22	19.41	19.41	21	3
3	64QAM	8	4	19.25	19.48	19.26		
3	64QAM	8	7	19.39	19.35	19.36		
3	64QAM	15	0	19.30	19.46	19.62		
3	256QAM	1	0	17.25	17.47	17.44	19	5
3	256QAM	1	8	17.27	17.31	17.39		
3	256QAM	1	14	17.33	17.28	17.39		
3	256QAM	8	0	17.53	17.50	17.54	19	5
3	256QAM	8	4	17.23	17.38	17.51		
3	256QAM	8	7	17.26	17.39	17.17		
3	256QAM	15	0	17.26	17.33	17.25		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.37	22.30	22.34	24	0
1.4	QPSK	1	3	22.23	22.32	22.19		
1.4	QPSK	1	5	22.31	22.28	22.23		
1.4	QPSK	3	0	22.28	22.37	22.25		
1.4	QPSK	3	1	22.25	22.43	22.27		
1.4	QPSK	3	3	22.16	22.26	22.33		
1.4	QPSK	6	0	21.23	21.38	21.35	23	1
1.4	16QAM	1	0	21.22	21.30	21.24	23	1
1.4	16QAM	1	3	21.24	21.37	21.32		
1.4	16QAM	1	5	21.29	21.27	21.32		
1.4	16QAM	3	0	21.22	21.31	21.30		
1.4	16QAM	3	1	21.23	21.34	21.24		
1.4	16QAM	3	3	21.28	21.28	21.34		
1.4	16QAM	6	0	20.28	20.40	20.39	22	2
1.4	64QAM	1	0	20.27	20.34	20.27	22	2
1.4	64QAM	1	3	20.31	20.36	20.35		
1.4	64QAM	1	5	20.26	20.29	20.36		
1.4	64QAM	3	0	20.37	20.21	20.29		
1.4	64QAM	3	1	20.34	20.23	20.38		
1.4	64QAM	3	3	20.17	20.29	20.14		
1.4	64QAM	6	0	19.25	19.42	19.38	21	3
1.4	256QAM	1	0	17.19	17.42	17.38	19	5
1.4	256QAM	1	3	17.23	17.24	17.22		
1.4	256QAM	1	5	17.31	17.25	17.40		
1.4	256QAM	3	0	17.29	17.39	17.44		
1.4	256QAM	3	1	17.19	17.50	17.31		
1.4	256QAM	3	3	17.13	17.24	17.11		
1.4	256QAM	6	0	17.32	17.34	17.10	19	5

Band 13 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.47		24	0
10	QPSK	1	25		22.37			
10	QPSK	1	49		22.40			
10	QPSK	25	0		21.45		23	1
10	QPSK	25	12		21.44			
10	QPSK	25	25		21.44			
10	QPSK	50	0		21.42			
10	16QAM	1	0		21.50		23	1
10	16QAM	1	25		21.45			
10	16QAM	1	49		21.59			
10	16QAM	25	0		20.55		22	2
10	16QAM	25	12		20.44			
10	16QAM	25	25		20.53			
10	16QAM	50	0		20.54			
10	64QAM	1	0		20.59		22	2
10	64QAM	1	25		20.54			
10	64QAM	1	49		20.31			
10	64QAM	25	0		19.51		21	3
10	64QAM	25	12		19.54			
10	64QAM	25	25		19.36			
10	64QAM	50	0		19.53			
10	256QAM	1	0		17.51		19	5
10	256QAM	1	25		17.43			
10	256QAM	1	49		17.27			
10	256QAM	25	0		17.56		19	5
10	256QAM	25	12		17.44			
10	256QAM	25	25		17.39			
10	256QAM	50	0		17.42			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.42	22.43	22.46	24	0
5	QPSK	1	12	22.25	22.45	22.32		
5	QPSK	1	24	22.29	22.36	22.45		
5	QPSK	12	0	21.44	21.46	21.48	23	1
5	QPSK	12	7	21.43	21.45	21.32		
5	QPSK	12	13	21.49	21.47	21.44		
5	QPSK	25	0	21.45	21.47	21.45		
5	16QAM	1	0	21.32	21.46	21.45	23	1
5	16QAM	1	12	21.39	21.43	21.40		
5	16QAM	1	24	21.40	21.61	21.35		
5	16QAM	12	0	20.50	20.46	20.39	22	2
5	16QAM	12	7	20.36	20.48	20.52		
5	16QAM	12	13	20.53	20.42	20.37		
5	16QAM	25	0	20.46	20.48	20.51		
5	64QAM	1	0	20.26	20.53	20.36	22	2
5	64QAM	1	12	20.24	20.53	20.39		
5	64QAM	1	24	20.50	20.33	20.42		
5	64QAM	12	0	19.26	19.46	19.48	21	3
5	64QAM	12	7	19.33	19.44	19.30		
5	64QAM	12	13	19.41	19.41	19.29		
5	64QAM	25	0	19.27	19.58	19.54		
5	256QAM	1	0	17.25	17.47	17.42	19	5
5	256QAM	1	12	17.30	17.41	17.46		
5	256QAM	1	24	17.45	17.27	17.45		
5	256QAM	12	0	17.51	17.55	17.49	19	5
5	256QAM	12	7	17.25	17.44	17.56		
5	256QAM	12	13	17.21	17.43	17.22		
5	256QAM	25	0	17.33	17.38	17.26		

Band 17 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.49	22.52	22.43		
10	QPSK	1	25	22.33	22.43	22.35	24	0
10	QPSK	1	49	22.33	22.42	22.38		
10	QPSK	25	0	21.46	21.53	21.45		
10	QPSK	25	12	21.51	21.49	21.36	23	1
10	QPSK	25	25	21.45	21.43	21.51		
10	QPSK	50	0	21.42	21.50	21.43		
10	16QAM	1	0	21.36	21.44	21.47		
10	16QAM	1	25	21.38	21.54	21.35	23	1
10	16QAM	1	49	21.41	21.57	21.40		
10	16QAM	25	0	20.45	20.56	20.41		
10	16QAM	25	12	20.42	20.50	20.59	22	2
10	16QAM	25	25	20.47	20.45	20.50		
10	16QAM	50	0	20.51	20.61	20.62		
10	64QAM	1	0	20.36	20.56	20.41		
10	64QAM	1	25	20.29	20.59	20.44	22	2
10	64QAM	1	49	20.46	20.38	20.43		
10	64QAM	25	0	19.25	19.51	19.54		
10	64QAM	25	12	19.39	19.50	19.34	21	3
10	64QAM	25	25	19.51	19.39	19.37		
10	64QAM	50	0	19.40	19.62	19.59		
10	256QAM	1	0	17.33	17.47	17.54		
10	256QAM	1	25	17.44	17.45	17.50	19	5
10	256QAM	1	49	17.49	17.38	17.50		
10	256QAM	25	0	17.56	17.62	17.60		
10	256QAM	25	12	17.33	17.54	17.53	19	5
10	256QAM	25	25	17.31	17.43	17.21		
10	256QAM	50	0	17.37	17.39	17.31		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.41	22.46	22.33		
5	QPSK	1	12	22.25	22.35	22.31	24	0
5	QPSK	1	24	22.26	22.33	22.35		
5	QPSK	12	0	21.42	21.41	21.44		
5	QPSK	12	7	21.37	21.33	21.25	23	1
5	QPSK	12	13	21.40	21.38	21.43		
5	QPSK	25	0	21.37	21.43	21.37		
5	16QAM	1	0	21.31	21.42	21.42		
5	16QAM	1	12	21.34	21.44	21.34	23	1
5	16QAM	1	24	21.36	21.49	21.35		
5	16QAM	12	0	20.44	20.48	20.33		
5	16QAM	12	7	20.33	20.41	20.48	22	2
5	16QAM	12	13	20.42	20.43	20.32		
5	16QAM	25	0	20.47	20.46	20.52		
5	64QAM	1	0	20.26	20.54	20.29		
5	64QAM	1	12	20.23	20.54	20.39	22	2
5	64QAM	1	24	20.38	20.22	20.37		
5	64QAM	12	0	19.28	19.43	19.37		
5	64QAM	12	7	19.33	19.43	19.26	21	3
5	64QAM	12	13	19.36	19.39	19.35		
5	64QAM	25	0	19.24	19.56	19.60		
5	256QAM	1	0	17.23	17.49	17.48		
5	256QAM	1	12	17.37	17.33	17.37	19	5
5	256QAM	1	24	17.40	17.25	17.45		
5	256QAM	12	0	17.54	17.55	17.55		
5	256QAM	12	7	17.25	17.48	17.50	19	5
5	256QAM	12	13	17.22	17.43	17.18		
5	256QAM	25	0	17.25	17.38	17.30		

Band 26 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.44	22.52	22.44		
15	QPSK	1	37	22.29	22.36	22.34	24	0
15	QPSK	1	74	22.33	22.47	22.44		
15	QPSK	36	0	21.40	21.51	21.43		
15	QPSK	36	20	21.39	21.42	21.27	23	1
15	QPSK	36	39	21.39	21.40	21.38		
15	QPSK	75	0	21.46	21.47	21.46		
15	16QAM	1	0	21.34	21.43	21.50		
15	16QAM	1	37	21.38	21.51	21.30	23	1
15	16QAM	1	74	21.35	21.57	21.40		
15	16QAM	36	0	20.48	20.56	20.35		
15	16QAM	36	20	20.40	20.50	20.53	22	2
15	16QAM	36	39	20.55	20.42	20.42		
15	16QAM	75	0	20.51	20.57	20.53		
15	64QAM	1	0	20.34	20.53	20.29		
15	64QAM	1	37	20.23	20.58	20.45	22	2
15	64QAM	1	74	20.52	20.26	20.48		
15	64QAM	36	0	19.30	19.55	19.51		
15	64QAM	36	20	19.34	19.50	19.34	21	3
15	64QAM	36	39	19.37	19.35	19.30		
15	64QAM	75	0	19.35	19.60	19.55		
15	256QAM	1	0	17.25	17.47	17.53		
15	256QAM	1	37	17.31	17.44	17.50	19	5
15	256QAM	1	74	17.38	17.29	17.48		
15	256QAM	36	0	17.58	17.53	17.50		
15	256QAM	36	20	17.19	17.48	17.47	19	5
15	256QAM	36	39	17.24	17.41	17.17		
15	256QAM	75	0	17.38	17.45	17.31		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.42	22.47	22.39		
10	QPSK	1	25	22.23	22.43	22.25	24	0
10	QPSK	1	49	22.32	22.37	22.34		
10	QPSK	25	0	21.34	21.41	21.42		
10	QPSK	25	12	21.37	21.42	21.23	23	1
10	QPSK	25	25	21.41	21.39	21.45		
10	QPSK	50	0	21.43	21.43	21.44		
10	16QAM	1	0	21.33	21.38	21.46		
10	16QAM	1	25	21.27	21.44	21.34	23	1
10	16QAM	1	49	21.31	21.56	21.32		
10	16QAM	25	0	20.42	20.50	20.34		
10	16QAM	25	12	20.33	20.35	20.43	22	2
10	16QAM	25	25	20.49	20.43	20.40		
10	16QAM	50	0	20.46	20.51	20.55		
10	64QAM	1	0	20.23	20.49	20.31		
10	64QAM	1	25	20.24	20.57	20.34	22	2
10	64QAM	1	49	20.49	20.27	20.39		
10	64QAM	25	0	19.26	19.46	19.39		
10	64QAM	25	12	19.34	19.42	19.29	21	3
10	64QAM	25	25	19.36	19.39	19.36		
10	64QAM	50	0	19.23	19.53	19.55		
10	256QAM	1	0	17.27	17.44	17.41		
10	256QAM	1	25	17.31	17.40	17.45	19	5
10	256QAM	1	49	17.38	17.34	17.46		
10	256QAM	25	0	17.47	17.48	17.55		
10	256QAM	25	12	17.27	17.40	17.49	19	5
10	256QAM	25	25	17.27	17.35	17.14		
10	256QAM	50	0	17.29	17.34	17.25		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.40	22.40	22.42		
5	QPSK	1	12	22.22	22.35	22.36	24	0
5	QPSK	1	24	22.23	22.34	22.38		
5	QPSK	12	0	21.39	21.37	21.40		
5	QPSK	12	7	21.41	21.43	21.30	23	1
5	QPSK	12	13	21.34	21.36	21.34		
5	QPSK	25	0	21.45	21.43	21.41		
5	16QAM	1	0	21.37	21.45	21.36		
5	16QAM	1	12	21.27	21.38	21.30	23	1
5	16QAM	1	24	21.38	21.50	21.34		
5	16QAM	12	0	20.48	20.46	20.38		
5	16QAM	12	7	20.28	20.41	20.49	22	2
5	16QAM	12	13	20.40	20.39	20.37		
5	16QAM	25	0	20.44	20.51	20.46		
5	64QAM	1	0	20.26	20.56	20.27		
5	64QAM	1	12	20.19	20.55	20.32	22	2
5	64QAM	1	24	20.48	20.28	20.45		
5	64QAM	12	0	19.18	19.47	19.40		
5	64QAM	12	7	19.25	19.46	19.32	21	3
5	64QAM	12	13	19.32	19.33	19.27		
5	64QAM	25	0	19.29	19.52	19.60		
5	256QAM	1	0	17.26	17.40	17.44		
5	256QAM	1	12	17.31	17.31	17.42	19	5
5	256QAM	1	24	17.39	17.33	17.39		
5	256QAM	12	0	17.57	17.54	17.51		
5	256QAM	12	7	17.17	17.47	17.50	19	5
5	256QAM	12	13	17.24	17.37	17.17		
5	256QAM	25	0	17.23	17.39	17.25		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.40	22.39	22.37		
3	QPSK	1	8	22.19	22.34	22.34	24	0
3	QPSK	1	14	22.21	22.44	22.32		
3	QPSK	8	0	21.34	21.34	21.36		
3	QPSK	8	4	21.44	21.43	21.26	23	1
3	QPSK	8	7	21.35	21.39	21.38		
3	QPSK	15	0	21.33	21.38	21.43		
3	16QAM	1	0	21.29	21.47	21.47		
3	16QAM	1	8	21.28	21.46	21.34	23	1
3	16QAM	1	14	21.34	21.54	21.32		
3	16QAM	8	0	20.45	20.52	20.38		
3	16QAM	8	4	20.37	20.38	20.47	22	2
3	16QAM	8	7	20.49	20.44	20.35		
3	16QAM	15	0	20.45	20.50	20.47		
3	64QAM	1	0	20.33	20.56	20.29		
3	64QAM	1	8	20.21	20.49	20.38	22	2
3	64QAM	1	14	20.46	20.26	20.36		
3	64QAM	8	0	19.25	19.49	19.41		
3	64QAM	8	4	19.31	19.41	19.22	21	3
3	64QAM	8	7	19.39	19.39	19.35		
3	64QAM	15	0	19.32	19.51	19.50		
3	256QAM	1	0	17.23	17.41	17.48		
3	256QAM	1	8	17.37	17.40	17.48	19	5
3	256QAM	1	14	17.41	17.26	17.47		
3	256QAM	8	0	17.58	17.46	17.46		
3	256QAM	8	4	17.26	17.38	17.50	19	5
3	256QAM	8	7	17.16	17.37	17.24		
3	256QAM	15	0	17.27	17.41	17.22		
Channel				26557	26565	27013	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.36	22.27	22.39		
1.4	QPSK	1	3	22.18	22.39	22.17		
1.4	QPSK	1	5	22.32	22.38	22.30	24	0
1.4	QPSK	3	0	22.37	22.42	22.32		
1.4	QPSK	3	1	22.27	22.38	22.27		
1.4	QPSK	3	3	22.20	22.26	22.29		
1.4	QPSK	6	0	21.26	21.41	21.39	23	1
1.4	16QAM	1	0	21.27	21.37	21.21		
1.4	16QAM	1	3	21.30	21.28	21.30		
1.4	16QAM	1	5	21.30	21.31	21.29	23	1
1.4	16QAM	3	0	21.15	21.39	21.24		
1.4	16QAM	3	1	21.20	21.32	21.18		
1.4	16QAM	3	3	21.32	21.33	21.29		
1.4	16QAM	6	0	20.21	20.44	20.45	22	2
1.4	64QAM	1	0	20.30	20.37	20.19		
1.4	64QAM	1	3	20.32	20.40	20.38		
1.4	64QAM	1	5	20.25	20.22	20.36	22	2
1.4	64QAM	3	0	20.37	20.18	20.35		
1.4	64QAM	3	1	20.36	20.25	20.31		
1.4	64QAM	3	3	20.20	20.33	20.10		
1.4	64QAM	6	0	19.28	19.37	19.38	21	3
1.4	256QAM	1	0	17.20	17.42	17.37		
1.4	256QAM	1	3	17.20	17.27	17.22		
1.4	256QAM	1	5	17.26	17.25	17.43	19	5
1.4	256QAM	3	0	17.35	17.36	17.47		
1.4	256QAM	3	1	17.23	17.42	17.28		
1.4	256QAM	3	3	17.20	17.30	17.21		
1.4	256QAM	6	0	17.35	17.34	17.12	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.28	20.37	20.33		
20	QPSK	1	49	20.17	20.32	20.15	21.5	0
20	QPSK	1	99	20.16	20.32	20.22		
20	QPSK	50	0	19.31	19.35	19.31		
20	QPSK	50	24	19.23	19.31	19.23	20.5	1
20	QPSK	50	50	19.18	19.28	19.28		
20	QPSK	100	0	19.24	19.33	19.31		
20	16QAM	1	0	19.13	19.26	19.24		
20	16QAM	1	49	19.15	19.27	19.12	20.5	1
20	16QAM	1	99	19.20	19.32	19.24		
20	16QAM	50	0	18.21	18.38	18.22		
20	16QAM	50	24	18.19	18.37	18.28	19.5	2
20	16QAM	50	50	18.23	18.27	18.22		
20	16QAM	100	0	18.31	18.42	18.35		
20	64QAM	1	0	18.04	18.45	18.18		
20	64QAM	1	49	18.03	18.34	18.20	19.5	2
20	64QAM	1	99	18.36	18.16	18.17		
20	64QAM	50	0	17.11	17.25	17.32		
20	64QAM	50	24	17.10	17.31	17.18	18.5	3
20	64QAM	50	50	17.22	17.20	17.21		
20	64QAM	100	0	17.17	17.32	17.39		
20	256QAM	1	0	15.07	15.30	15.21		
20	256QAM	1	49	15.24	15.26	15.33	16.5	5
20	256QAM	1	99	15.23	15.22	15.21		
20	256QAM	50	0	15.39	15.39	15.36		
20	256QAM	50	24	15.08	15.39	15.32	16.5	5
20	256QAM	50	50	15.13	15.25	15.11		
20	256QAM	100	0	15.12	15.28	15.11		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.29	20.34	20.31		
15	QPSK	1	37	20.14	20.34	20.21	21.5	0
15	QPSK	1	74	20.16	20.25	20.26		
15	QPSK	36	0	19.21	19.32	19.27		
15	QPSK	36	20	19.24	19.40	19.14	20.5	1
15	QPSK	36	39	19.20	19.27	19.24		
15	QPSK	75	0	19.21	19.28	19.30		
15	16QAM	1	0	19.17	19.27	19.28		
15	16QAM	1	37	19.21	19.33	19.15	20.5	1
15	16QAM	1	74	19.19	19.34	19.18		
15	16QAM	36	0	18.22	18.42	18.27		
15	16QAM	36	20	18.23	18.37	18.24	19.5	2
15	16QAM	36	39	18.31	18.24	18.29		
15	16QAM	75	0	18.26	18.36	18.37		
15	64QAM	1	0	18.12	18.45	18.15		
15	64QAM	1	37	18.11	18.36	18.17	19.5	2
15	64QAM	1	74	18.26	18.13	18.24		
15	64QAM	36	0	17.16	17.29	17.33		
15	64QAM	36	20	17.08	17.30	17.14	18.5	3
15	64QAM	36	39	17.25	17.22	17.22		
15	64QAM	75	0	17.12	17.33	17.34		
15	256QAM	1	0	15.14	15.29	15.32		
15	256QAM	1	37	15.19	15.16	15.30	16.5	5
15	256QAM	1	74	15.25	15.14	15.28		
15	256QAM	36	0	15.36	15.30	15.33		
15	256QAM	36	20	15.05	15.33	15.33	16.5	5
15	256QAM	36	39	15.06	15.20	15.15		
15	256QAM	75	0	15.21	15.29	15.09		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.32	20.36	20.36		
10	QPSK	1	25	20.07	20.29	20.21	21.5	0
10	QPSK	1	49	20.14	20.33	20.24		
10	QPSK	25	0	19.22	19.31	19.34		
10	QPSK	25	12	19.26	19.34	19.15	20.5	1
10	QPSK	25	25	19.24	19.29	19.23		
10	QPSK	50	0	19.23	19.28	19.24		
10	16QAM	1	0	19.16	19.28	19.21		
10	16QAM	1	25	19.18	19.27	19.16	20.5	1
10	16QAM	1	49	19.16	19.38	19.21		
10	16QAM	25	0	18.32	18.35	18.21		
10	16QAM	25	12	18.20	18.29	18.21	19.5	2
10	16QAM	25	25	18.29	18.24	18.33		
10	16QAM	50	0	18.24	18.37	18.44		
10	64QAM	1	0	18.11	18.43	18.22		
10	64QAM	1	25	18.06	18.35	18.20	19.5	2
10	64QAM	1	49	18.34	18.23	18.17		
10	64QAM	25	0	17.16	17.30	17.35		
10	64QAM	25	12	17.17	17.28	17.11	18.5	3
10	64QAM	25	25	17.22	17.22	17.21		
10	64QAM	50	0	17.11	17.30	17.39		
10	256QAM	1	0	15.09	15.32	15.29		
10	256QAM	1	25	15.26	15.23	15.33	16.5	5
10	256QAM	1	49	15.18	15.16	15.22		
10	256QAM	25	0	15.34	15.38	15.36		
10	256QAM	25	12	15.05	15.29	15.34	16.5	5
10	256QAM	25	25	15.13	15.21	15.10		
10	256QAM	50	0	15.13	15.32	15.17		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.33	20.33	20.35		
5	QPSK	1	12	20.10	20.35	20.20	21.5	0
5	QPSK	1	24	20.20	20.33	20.26		
5	QPSK	12	0	19.25	19.40	19.28		
5	QPSK	12	7	19.31	19.39	19.17	20.5	1
5	QPSK	12	13	19.23	19.36	19.22		
5	QPSK	25	0	19.23	19.30	19.28		
5	16QAM	1	0	19.18	19.25	19.24		
5	16QAM	1	12	19.26	19.28	19.17	20.5	1
5	16QAM	1	24	19.16	19.34	19.22		
5	16QAM	12	0	18.25	18.38	18.29		
5	16QAM	12	7	18.21	18.34	18.28	19.5	2
5	16QAM	12	13	18.30	18.29	18.24		
5	16QAM	25	0	18.29	18.36	18.34		
5	64QAM	1	0	18.07	18.42	18.20		
5	64QAM	1	12	18.12	18.37	18.19	19.5	2
5	64QAM	1	24	18.32	18.17	18.19		
5	64QAM	12	0	17.18	17.30	17.31		
5	64QAM	12	7	17.08	17.25	17.13	18.5	3
5	64QAM	12	13	17.28	17.21	17.28		
5	64QAM	25	0	17.22	17.27	17.42		
5	256QAM	1	0	15.13	15.32	15.33		
5	256QAM	1	12	15.19	15.18	15.25	16.5	5
5	256QAM	1	24	15.23	15.18	15.23		
5	256QAM	12	0	15.36	15.39	15.43		
5	256QAM	12	7	15.00	15.39	15.33	16.5	5
5	256QAM	12	13	15.10	15.30	15.14		
5	256QAM	25	0	15.19	15.31	15.16		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.34	20.34	20.28		
3	QPSK	1	8	20.12	20.34	20.21	21.5	0
3	QPSK	1	14	20.17	20.32	20.22		
3	QPSK	8	0	19.23	19.41	19.28		
3	QPSK	8	4	19.30	19.32	19.20	20.5	1
3	QPSK	8	7	19.28	19.31	19.26		
3	QPSK	15	0	19.25	19.30	19.32		
3	16QAM	1	0	19.12	19.26	19.23		
3	16QAM	1	8	19.15	19.28	19.21	20.5	1
3	16QAM	1	14	19.23	19.32	19.22		
3	16QAM	8	0	18.24	18.40	18.25		
3	16QAM	8	4	18.21	18.34	18.28	19.5	2
3	16QAM	8	7	18.30	18.23	18.29		
3	16QAM	15	0	18.31	18.38	18.38		
3	64QAM	1	0	18.13	18.39	18.15		
3	64QAM	1	8	18.03	18.31	18.17	19.5	2
3	64QAM	1	14	18.31	18.14	18.17		
3	64QAM	8	0	17.09	17.31	17.28		
3	64QAM	8	4	17.16	17.31	17.13	18.5	3
3	64QAM	8	7	17.22	17.27	17.18		
3	64QAM	15	0	17.17	17.29	17.42		
3	256QAM	1	0	15.11	15.29	15.23		
3	256QAM	1	8	15.21	15.22	15.24	16.5	5
3	256QAM	1	14	15.24	15.15	15.20		
3	256QAM	8	0	15.40	15.37	15.42		
3	256QAM	8	4	15.02	15.34	15.34	16.5	5
3	256QAM	8	7	15.14	15.24	15.12		
3	256QAM	15	0	15.21	15.30	15.15		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.19	20.27	20.23		
1.4	QPSK	1	3	20.17	20.30	20.12		
1.4	QPSK	1	5	20.25	20.20	20.16	21.5	0
1.4	QPSK	3	0	20.17	20.32	20.22		
1.4	QPSK	3	1	20.10	20.24	20.17		
1.4	QPSK	3	3	20.16	20.22	20.28		
1.4	QPSK	6	0	19.19	19.24	19.32	20.5	1
1.4	16QAM	1	0	19.16	19.25	19.15		
1.4	16QAM	1	3	19.24	19.31	19.21		
1.4	16QAM	1	5	19.21	19.22	19.30	20.5	1
1.4	16QAM	3	0	19.11	19.23	19.24		
1.4	16QAM	3	1	19.13	19.28	19.10		
1.4	16QAM	3	3	19.19	19.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.21	21.27	21.25	22.5	0
20	QPSK	1	49	21.13	21.18	21.14		
20	QPSK	1	99	21.03	21.19	21.11		
20	QPSK	50	0	20.21	20.31	20.23	21.5	1
20	QPSK	50	24	20.19	20.24	20.20		
20	QPSK	50	50	20.20	20.21	20.24		
20	QPSK	100	0	20.28	20.29	20.23		
20	16QAM	1	0	20.20	20.23	20.25	21.5	1
20	16QAM	1	49	20.23	20.27	20.25		
20	16QAM	1	99	20.19	20.28	20.18		
20	16QAM	50	0	19.27	19.29	19.23	20.5	2
20	16QAM	50	24	19.18	19.35	19.24		
20	16QAM	50	50	19.24	19.34	19.20		
20	16QAM	100	0	19.29	19.31	19.33		
20	64QAM	1	0	19.04	19.33	19.12	20.5	2
20	64QAM	1	49	19.03	19.33	19.22		
20	64QAM	1	99	19.31	19.08	19.19		
20	64QAM	50	0	18.02	18.30	18.33	19.5	3
20	64QAM	50	24	18.13	18.36	18.20		
20	64QAM	50	50	18.25	18.19	18.08		
20	64QAM	100	0	18.18	18.38	18.43		
20	256QAM	1	0	16.03	16.23	16.22	17.5	5
20	256QAM	1	49	16.12	16.15	16.23		
20	256QAM	1	99	16.22	16.11	16.34		
20	256QAM	50	0	16.36	16.46	16.36	17.5	5
20	256QAM	50	24	16.05	16.26	16.30		
20	256QAM	50	50	16.03	16.16	16.05		
20	256QAM	100	0	16.14	16.23	16.14		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.19	21.18	21.06	22.5	0
15	QPSK	1	37	21.06	21.11	21.06		
15	QPSK	1	74	21.00	21.18	21.12		
15	QPSK	36	0	20.13	20.24	20.16	21.5	1
15	QPSK	36	20	20.21	20.20	20.10		
15	QPSK	36	39	20.16	20.16	20.17		
15	QPSK	75	0	20.17	20.16	20.17		
15	16QAM	1	0	20.19	20.15	20.15	21.5	1
15	16QAM	1	37	20.20	20.11	20.18		
15	16QAM	1	74	20.18	20.15	20.17		
15	16QAM	36	0	19.22	19.29	19.15	20.5	2
15	16QAM	36	20	19.11	19.21	19.18		
15	16QAM	36	39	19.13	19.25	19.08		
15	16QAM	75	0	19.20	19.23	19.28		
15	64QAM	1	0	18.98	19.28	19.06	20.5	2
15	64QAM	1	37	19.01	19.25	19.15		
15	64QAM	1	74	19.16	18.99	19.15		
15	64QAM	36	0	17.98	18.30	18.23	19.5	3
15	64QAM	36	20	18.08	18.26	18.13		
15	64QAM	36	39	18.12	18.07	18.01		
15	64QAM	75	0	18.08	18.33	18.39		
15	256QAM	1	0	15.99	16.20	16.19	17.5	5
15	256QAM	1	37	16.09	16.05	16.14		
15	256QAM	1	74	16.16	16.09	16.22		
15	256QAM	36	0	16.31	16.38	16.27	17.5	5
15	256QAM	36	20	15.89	16.18	16.27		
15	256QAM	36	39	16.00	16.08	16.03		
15	256QAM	75	0	15.97	16.10	16.03		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.12	21.24	21.09	22.5	0
10	QPSK	1	25	20.98	21.07	21.08		
10	QPSK	1	49	21.04	21.18	21.10		
10	QPSK	25	0	20.23	20.22	20.19	21.5	1
10	QPSK	25	12	20.17	20.16	20.13		
10	QPSK	25	25	20.20	20.13	20.26		
10	QPSK	50	0	20.19	20.25	20.19		
10	16QAM	1	0	20.15	20.12	20.14	21.5	1
10	16QAM	1	25	20.11	20.12	20.23		
10	16QAM	1	49	20.13	20.14	20.13		
10	16QAM	25	0	19.11	19.23	19.10	20.5	2
10	16QAM	25	12	19.16	19.17	19.19		
10	16QAM	25	25	19.16	19.26	19.07		
10	16QAM	50	0	19.23	19.25	19.21		
10	64QAM	1	0	18.99	19.32	19.00	20.5	2
10	64QAM	1	25	19.01	19.31	19.20		
10	64QAM	1	49	19.21	19.02	19.13		
10	64QAM	25	0	17.93	18.28	18.26	19.5	3
10	64QAM	25	12	18.01	18.30	18.08		
10	64QAM	25	25	18.23	18.14	17.97		
10	64QAM	50	0	18.17	18.35	18.36		
10	256QAM	1	0	15.98	16.22	16.18	17.5	5
10	256QAM	1	25	16.10	16.06	16.21		
10	256QAM	1	49	16.22	16.13	16.23		
10	256QAM	25	0	16.24	16.40	16.29	17.5	5
10	256QAM	25	12	15.91	16.19	16.25		
10	256QAM	25	25	15.99	16.13	16.02		
10	256QAM	50	0	16.01	16.13	15.99		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.20	21.23	21.09	22.5	0
5	QPSK	1	12	21.06	21.03	21.02		
5	QPSK	1	24	21.00	21.16	21.07		
5	QPSK	12	0	20.17	20.27	20.16	21.5	1
5	QPSK	12	7	20.17	20.13	20.15		
5	QPSK	12	13	20.23	20.11	20.22		
5	QPSK	25	0	20.13	20.16	20.18		
5	16QAM	1	0	20.18	20.11	20.20	21.5	1
5	16QAM	1	12	20.10	20.18	20.22		
5	16QAM	1	24	20.15	20.14	20.18		
5	16QAM	12	0	19.20	19.34	19.11	20.5	2
5	16QAM	12	7	19.17	19.26	19.23		
5	16QAM	12	13	19.13	19.26	19.08		
5	16QAM	25	0	19.27	19.23	19.25		
5	64QAM	1	0	18.97	19.25	19.05	20.5	2
5	64QAM	1	12	18.99	19.31	19.16		
5	64QAM	1	24	19.21	18.95	19.16		
5	64QAM	12	0	17.97	18.27	18.19	19.5	3
5	64QAM	12	7	18.02	18.29	18.05		
5	64QAM	12	13	18.18	18.18	17.99		
5	64QAM	25	0	18.10	18.28	18.40		
5	256QAM	1	0	15.95	16.18	16.25	17.5	5
5	256QAM	1	12	16.05	16.11	16.16		
5	256QAM	1	24	16.11	16.11	16.19		
5	256QAM	12	0	16.22	16.35	16.35	17.5	5
5	256QAM	12	7	15.91	16.18	16.16		
5	256QAM	12	13	16.00	16.13	16.01		
5	256QAM	25	0	16.03	16.12	16.05		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.23	21.25	21.32	21.31	21.21	22.5	0
20	QPSK	1	49	21.12	21.21	21.08	21.13	21.09		
20	QPSK	1	99	21.02	21.18	21.13	21.17	21.20		
20	QPSK	50	0	20.22	20.26	20.31	20.27	20.28	21.5	1
20	QPSK	50	24	20.30	20.22	20.20	20.28	20.22		
20	QPSK	50	50	20.29	20.22	20.26	20.24	20.23		
20	QPSK	100	0	20.23	20.22	20.28	20.25	20.24		
20	16QAM	1	0	20.23	20.26	20.25	20.24	20.20	21.5	1
20	16QAM	1	49	20.20	20.23	20.25	20.22	20.31		
20	16QAM	1	99	20.25	20.20	20.25	20.24	20.27		
20	16QAM	50	0	19.22	19.37	19.25	19.33	19.16	20.5	2
20	16QAM	50	24	19.21	19.29	19.15	19.28	19.34		
20	16QAM	50	50	19.27	19.30	19.26	19.26	19.21		
20	16QAM	100	0	19.27	19.36	19.28	19.36	19.27		
20	64QAM	1	0	19.04	19.39	19.04	19.33	19.07	20.5	2
20	64QAM	1	49	19.06	19.39	19.11	19.35	19.25		
20	64QAM	1	99	19.29	19.11	19.28	19.11	19.26		
20	64QAM	50	0	18.08	18.37	18.07	18.29	18.26	19.5	3
20	64QAM	50	24	18.04	18.30	18.09	18.26	18.12		
20	64QAM	50	50	18.21	18.18	18.19	18.16	18.09		
20	64QAM	100	0	18.19	18.37	18.23	18.44	18.49		
20	256QAM	1	0	16.11	16.34	16.05	16.31	16.32	17.5	5
20	256QAM	1	49	16.16	16.16	16.17	16.16	16.23		
20	256QAM	1	99	16.24	16.13	16.25	16.17	16.34		
20	256QAM	50	0	16.28	16.46	16.37	16.41	16.41	17.5	5
20	256QAM	50	24	16.01	16.24	16.02	16.21	16.30		
20	256QAM	50	50	16.09	16.13	16.06	16.23	16.11		
20	256QAM	100	0	16.08	16.14	16.08	16.20	16.07		
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	21.17	21.21	21.17	21.17	21.09	23	0
15	QPSK	1	37	21.01	21.11	21.09	21.07	21.00		
15	QPSK	1	74	20.99	21.09	21.04	21.17	21.16		
15	QPSK	36	0	20.13	20.26	20.20	20.23	20.19	21.5	1
15	QPSK	36	20	20.12	20.13	20.17	20.10	20.18		
15	QPSK	36	39	20.12	20.18	20.21	20.14	20.20		
15	QPSK	75	0	20.16	20.19	20.21	20.17	20.19		
15	16QAM	1	0	20.18	20.08	20.21	20.09	20.19	21.5	1
15	16QAM	1	37	20.09	20.15	20.14	20.15	20.20		
15	16QAM	1	74	20.17	20.15	20.16	20.18	20.11		
15	16QAM	36	0	19.21	19.23	19.17	19.24	19.10	20.5	2
15	16QAM	36	20	19.13	19.26	19.10	19.23	19.21		
15	16QAM	36	39	19.18	19.26	19.18	19.17	19.18		
15	16QAM	75	0	19.22	19.22	19.22	19.26	19.26		
15	64QAM	1	0	18.96	19.27	18.99	19.28	18.98	20.5	2
15	64QAM	1	37	18.99	19.25	19.04	19.25	19.19		
15	64QAM	1	74	19.13	18.98	19.24	18.96	19.19		
15	64QAM	36	0	17.93	18.24	17.96	18.29	18.24	19.5	3
15	64QAM	36	20	18.00	18.28	18.07	18.20	18.10		
15	64QAM	36	39	18.14	18.11	18.17	18.15	17.97		
15	64QAM	75	0	18.13	18.34	18.13	18.28	18.38		
15	256QAM	1	0	15.95	16.25	15.99	16.24	16.23	17.5	5
15	256QAM	1	37	16.12	16.07	16.04	16.12	16.20		
15	256QAM	1	74	16.20	16.07	16.20	16.10	16.18		
15	256QAM	36	0	16.24	16.28	16.28	16.31	16.31	17.5	5
15	256QAM	36	20	15.91	16.20	15.91	16.09	16.16		
15	256QAM	36	39	16.01	16.10	15.97	16.11	15.98		
15	256QAM	75	0	16.05	16.13	15.98	16.11	16.04		
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	21.19	21.13	21.25	21.05	23	0
10	QPSK	1	25	21.03	21.13	20.98	21.09	21.01		
10	QPSK	1	49	21.07	21.17	20.97	21.20	21.09		
10	QPSK	25	0	20.23	20.19	20.22	20.25	20.17	21.5	1
10	QPSK	25	12	20.17	20.11	20.23	20.13	20.09		
10	QPSK	25	25	20.12	20.16	20.15	20.21	20.20		
10	QPSK	50	0	20.17	20.23	20.24	20.19	20.21		
10	16QAM	1	0	20.23	20.16	20.15	20.20	20.15	21.5	1
10	16QAM	1	25	20.09	20.13	20.15	20.20	20.21		
10	16QAM	1	49	20.17	20.16	20.15	20.16	20.20		
10	16QAM	25	0	19.16	19.27	19.15	19.31	19.07	20.5	2
10	16QAM	25	12	19.10	19.24	19.18	19.17	19.21		
10	16QAM	25	25	19.23	19.20	19.14	19.16	19.18		
10	16QAM	50	0	19.19	19.25	19.23	19.25	19.17		
10	64QAM	1	0	18.98	19.22	19.00	19.22	18.98	20.5	2
10	64QAM	1	25	19.00	19.25	19.01	19.33	19.18		
10	64QAM	1	49	19.21	19.04	19.16	18.98	19.16		
10	64QAM	25	0	17.97	18.22	18.01	18.21	18.20	19.5	3
10	64QAM	25	12	18.06	18.26	18.02	18.23	18.02		
10	64QAM	25	25	18.13	18.11	18.23	18.16	18.05		
10	64QAM	50	0	18.14	18.28	18.07	18.34	18.36		
10	256QAM	1	0	15.97	16.24	15.95	16.24	16.23	17.5	5
10	256QAM	1	25	16.10	16.04	16.06	16.09	16.20		
10	256QAM	1	49	16.20	16.10	16.10	16.11	16.29		
10	256QAM	25	0	16.27	16.31	16.27	16.35	16.32	17.5	5
10	256QAM	25	12	15.94	16.18	15.96	16.15	16.20		
10	256QAM	25	25	15.97	16.06	16.00	16.15	16.06		
10	256QAM	50	0	16.00	16.12	16.08	16.09	16.06		
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	21.21	21.18	21.13	21.20	21.08	23	0
5	QPSK	1	12	21.03	21.08	21.05	21.09	21.02		
5	QPSK	1	24	20.98	21.09	21.01	21.13	21.05		
5	QPSK	12	0	20.14	20.22	20.16	20.26	20.23	21.5	1
5	QPSK	12	7	20.18	20.14	20.21	20.10	20.15		
5	QPSK	12	13	20.13	20.16	20.19	20.11	20.18		
5	QPSK	25	0	20.21	20.24	20.21	20.22	20.22		
5	16QAM	1	0	20.19	20.19	20.18	20.14	20.17	21.5	1
5	16QAM	1	12	20.16	20.16	20.18	20.17	20.22		
5	16QAM	1	24	20.18	20.18	20.15	20.16	20.14		
5	16QAM	12	0	19.16	19.27	19.15	19.33	19.06	20.5	2
5	16QAM	12	7	19.17	19.24	19.11	19.17	19.21		
5	16QAM	12	13	19.18	19.22	19.15	19.19	19.09		
5	16QAM	25	0	19.20	19.20	19.21	19.20	19.24		
5	64QAM	1	0	19.04	19.26	18.98	19.30	19.01	20.5	2
5	64QAM	1	12	18.94	19.27	19.01	19.29	19.12		
5	64QAM	1	24	19.14	19.05	19.25	19.00	19.11		
5	64QAM	12	0	17.93	18.33	17.90	18.31	18.20	19.5	3
5	64QAM	12	7	18.03	18.20	18.00	18.18	18.13		
5	64QAM	12	13	18.18	18.09	18.21	18.11	18.02		
5	64QAM	25	0	18.09	18.35	18.06	18.31	18.42		
5	256QAM	1	0	16.01	16.23	15.92	16.22	16.21	17.5	5
5	256QAM	1	12	16.09	16.02	16.12	16.04	16.19		
5	256QAM	1	24	16.17	16.04	16.11	16.14	16.28		
5	256QAM	12	0	16.27	16.32	16.25	16.35	16.29	17.5	5
5	256QAM	12	7	15.91	16.18	15.97	16.14	16.21		
5	256QAM	12	13	16.05	16.10	16.04	16.15	16.07		
5	256QAM	25	0	16.07	16.14	15.98	16.17	16.05		

GSM850 Ant1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.55	31.49	31.34	32.50	22.55	22.49	22.34	23.50
GPRS 1 Tx slot	31.51	31.47	31.32	32.50	22.51	22.47	22.32	23.50
GPRS 2 Tx slots	28.27	28.20	28.10	29.60	22.27	22.20	22.10	23.60
GPRS 3 Tx slots	26.44	26.41	26.35	27.80	22.18	22.15	22.09	23.54
GPRS 4 Tx slots	25.26	25.31	25.27	26.60	22.26	22.31	22.27	23.60
EDGE 1 Tx slot	25.96	26.05	26.12	27.00	16.96	17.05	17.12	18.00
EDGE 2 Tx slots	24.86	24.87	24.96	25.80	18.86	18.87	18.96	19.80
EDGE 3 Tx slots	22.63	22.66	22.75	23.50	18.37	18.40	18.49	19.24
EDGE 4 Tx slots	21.35	21.45	21.49	22.50	18.35	18.45	18.49	19.50

GSM1900 Ant1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.53	26.42	26.67	27.50	17.53	17.42	17.67	18.50
GPRS 1 Tx slot	26.50	26.48	26.54	27.50	17.50	17.48	17.54	18.50
GPRS 2 Tx slots	23.45	23.47	23.39	24.50	17.45	17.47	17.39	18.50
GPRS 3 Tx slots	21.45	21.57	21.58	22.70	17.19	17.31	17.32	18.44
GPRS 4 Tx slots	20.42	20.43	20.41	21.50	17.42	17.43	17.41	18.50
EDGE 1 Tx slot	23.41	23.56	23.45	24.50	14.41	14.56	14.45	15.50
EDGE 2 Tx slots	22.35	22.48	22.33	23.30	16.35	16.48	16.33	17.30
EDGE 3 Tx slots	20.16	20.35	20.21	21.50	15.90	16.09	15.95	17.24
EDGE 4 Tx slots	19.24	19.19	19.02	20.00	16.24	16.19	16.02	17.00

Band		WCDMA II Ant1			Tune-up Limit (dBm)	WCDMA IV Ant1			Tune-up Limit (dBm)	WCDMA V Ant1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	17.70	17.77	17.68	19.00	18.70	18.74	18.52	19.90	22.04	21.98	21.80	23.40
3GPP Rel 99	RMC 12.2Kbps	17.84	17.85	17.81	19.00	18.73	18.76	18.75	19.90	22.08	22.11	22.10	23.40
3GPP Rel 6	HSDPA Subtest-1	16.73	16.75	16.65	18.00	17.63	17.72	17.68	18.90	20.97	21.04	20.92	22.40
3GPP Rel 6	HSDPA Subtest-2	16.79	16.77	16.81	18.00	17.67	17.74	17.74	18.90	20.99	20.98	20.95	22.40
3GPP Rel 6	HSDPA Subtest-3	16.27	16.38	16.06	17.50	17.21	17.32	17.06	18.40	20.50	20.54	20.42	21.90
3GPP Rel 6	HSDPA Subtest-4	16.39	16.34	16.12	17.50	17.36	17.30	17.11	18.40	20.52	20.55	20.37	21.90
3GPP Rel 8	DC-HSDPA Subtest-1	16.78	16.85	16.61	18.00	17.75	17.82	17.53	18.90	20.98	21.08	20.92	22.40
3GPP Rel 8	DC-HSDPA Subtest-2	16.79	16.63	16.75	18.00	17.68	17.64	17.60	18.90	21.03	20.94	20.93	22.40
3GPP Rel 8	DC-HSDPA Subtest-3	16.20	16.37	16.30	17.50	17.26	17.24	17.10	18.40	20.52	20.54	20.49	21.90
3GPP Rel 8	DC-HSDPA Subtest-4	16.36	16.28	16.22	17.50	17.22	17.34	17.24	18.40	20.55	20.57	20.49	21.90
3GPP Rel 6	HSUPA Subtest-1	16.73	16.67	16.68	18.00	17.69	17.71	17.72	18.90	21.00	20.90	20.89	22.40
3GPP Rel 6	HSUPA Subtest-2	14.83	14.78	14.62	16.00	15.70	15.63	15.63	16.90	19.05	19.00	18.82	20.40
3GPP Rel 6	HSUPA Subtest-3	15.88	15.74	15.80	17.00	16.75	16.81	16.69	17.90	20.08	20.10	20.03	21.40
3GPP Rel 6	HSUPA Subtest-4	14.86	14.87	14.81	16.00	15.81	15.71	15.67	16.90	19.01	19.00	18.94	20.40
3GPP Rel 6	HSUPA Subtest-5	16.87	16.78	16.81	18.00	17.65	17.76	17.64	18.90	21.01	20.99	21.02	22.40
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.49	14.35	14.35	15.50	15.39	15.35	15.38	16.40	18.59	18.76	18.63	19.90

Band 2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.53	17.57	17.48	18.6	0
20	QPSK	1	49	17.48	17.50	17.45		
20	QPSK	1	99	17.50	17.50	17.44		
20	QPSK	50	0	17.51	17.55	17.46		
20	QPSK	50	24	17.52	17.46	17.48	18.6	0
20	QPSK	50	50	17.42	17.49	17.46		
20	QPSK	100	0	17.52	17.53	17.46		
20	16QAM	1	0	17.47	17.55	17.49		
20	16QAM	1	49	17.45	17.48	17.46	18.6	0
20	16QAM	1	99	17.42	17.46	17.51		
20	16QAM	50	0	17.50	17.48	17.47		
20	16QAM	50	24	17.51	17.49	17.49	18.6	0
20	16QAM	50	50	17.44	17.43	17.51		
20	16QAM	100	0	17.48	17.52	17.52		
20	64QAM	1	0	17.43	17.52	17.43		
20	64QAM	1	49	17.47	17.43	17.52	18.6	0
20	64QAM	1	99	17.46	17.45	17.51		
20	64QAM	50	0	17.49	17.45	17.50		
20	64QAM	50	24	17.52	17.47	17.47	18.5	0.1
20	64QAM	50	50	17.44	17.52	17.43		
20	64QAM	100	0	17.52	17.53	17.52		
20	256QAM	1	0	15.43	15.56	15.45		
20	256QAM	1	49	15.41	15.54	15.49	16.5	2.1
20	256QAM	1	99	15.48	15.51	15.42		
20	256QAM	50	0	15.31	15.39	15.27		
20	256QAM	50	24	15.26	15.36	15.23	16.5	2.1
20	256QAM	50	50	15.26	15.37	15.24		
20	256QAM	100	0	15.26	15.38	15.24		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.47	17.53	17.51	18.6	0
15	QPSK	1	37	17.49	17.46	17.46		
15	QPSK	1	74	17.43	17.50	17.47		
15	QPSK	36	0	17.48	17.54	17.46		
15	QPSK	36	20	17.46	17.51	17.47	18.6	0
15	QPSK	36	39	17.42	17.52	17.48		
15	QPSK	75	0	17.42	17.44	17.47		
15	16QAM	1	0	17.47	17.48	17.42		
15	16QAM	1	37	17.42	17.49	17.45	18.6	0
15	16QAM	1	74	17.52	17.49	17.49		
15	16QAM	36	0	17.51	17.50	17.43		
15	16QAM	36	20	17.48	17.45	17.51	18.6	0
15	16QAM	36	39	17.43	17.44	17.47		
15	16QAM	75	0	17.42	17.52	17.43		
15	64QAM	1	0	17.47	17.45	17.50		
15	64QAM	1	37	17.53	17.49	17.43	18.6	0
15	64QAM	1	74	17.45	17.43	17.45		
15	64QAM	36	0	17.52	17.50	17.42		
15	64QAM	36	20	17.42	17.52	17.48	18.5	0.1
15	64QAM	36	39	17.51	17.51	17.51		
15	64QAM	75	0	17.45	17.51	17.49		
15	256QAM	1	0	15.39	15.44	15.38		
15	256QAM	1	37	15.32	15.49	15.42	16.5	2.1
15	256QAM	1	74	15.43	15.39	15.33		
15	256QAM	36	0	15.25	15.26	15.15		
15	256QAM	36	20	15.20	15.30	15.16	16.5	2.1
15	256QAM	36	39	15.22	15.33	15.15		
15	256QAM	75	0	15.13	15.30	15.14		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.47	17.44	17.48	18.6	0
10	QPSK	1	25	17.43	17.44	17.49		
10	QPSK	1	49	17.43	17.51	17.46		
10	QPSK	25	0	17.51	17.45	17.53		
10	QPSK	25	12	17.51	17.48	17.48	18.6	0
10	QPSK	25	25	17.43	17.45	17.42		
10	QPSK	50	0	17.50	17.43	17.41		
10	16QAM	1	0	17.52	17.49	17.47		
10	16QAM	1	25	17.49	17.50	17.50	18.6	0
10	16QAM	1	49	17.42	17.47	17.43		
10	16QAM	25	0	17.46	17.55	17.44		
10	16QAM	25	12	17.47	17.52	17.45	18.6	0
10	16QAM	25	25	17.50	17.54	17.46		
10	16QAM	50	0	17.46	17.52	17.44		
10	64QAM	1	0	17.43	17.44	17.51		
10	64QAM	1	25	17.50	17.46	17.47	18.6	0
10	64QAM	1	49	17.42	17.51	17.43		
10	64QAM	25	0	17.53	17.50	17.53		
10	64QAM	25	12	17.42	17.45	17.47	18.5	0.1
10	64QAM	25	25	17.51	17.51	17.45		
10	64QAM	50	0	17.49	17.52	17.45		
10	256QAM	1	0	15.32	15.44	15.39		
10	256QAM	1	25	15.38	15.44	15.45	16.5	2.1
10	256QAM	1	49	15.41	15.48	15.29		
10	256QAM	25	0	15.18	15.37	15.15		
10	256QAM	25	12	15.22	15.33	15.20	16.5	2.1
10	256QAM	25	25	15.20	15.25	15.15		
10	256QAM	50	0	15.13	15.32	15.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.52	17.44	17.47	18.6	0
5	QPSK	1	12	17.42	17.44	17.53		
5	QPSK	1	24	17.42	17.47	17.48		
5	QPSK	12	0	17.53	17.47	17.45	18.6	0
5	QPSK	12	7	17.46	17.45	17.46		
5	QPSK	12	13	17.43	17.54	17.46		
5	QPSK	25	0	17.51	17.50	17.42		
5	16QAM	1	0	17.48	17.51	17.42		
5	16QAM	1	12	17.45	17.45	17.41	18.6	0
5	16QAM	1	24	17.52	17.45	17.48		
5	16QAM	12	0	17.48	17.47	17.42		
5	16QAM	12	7	17.53	17.43	17.47	18.6	0
5	16QAM	12	13	17.45	17.46	17.47		
5	16QAM	25	0	17.46	17.48	17.47		
5	64QAM	1	0	17.49	17.52	17.53		
5	64QAM	1	12	17.43	17.49	17.43	18.6	0
5	64QAM	1	24	17.47	17.52	17.41		
5	64QAM	12	0	17.44	17.49	17.45		
5	64QAM	12	7	17.51	17.47	17.48	18.5	0.1
5	64QAM	12	13	17.50	17.46	17.45		
5	64QAM	25	0	17.47	17.51	17.47		
5	256QAM	1	0	15.31	15.45	15.34		
5	256QAM	1	12	15.34	15.49	15.44	16.5	2.1
5	256QAM	1	24	15.34	15.47	15.36		
5	256QAM	12	0	15.22	15.36	15.22		
5	256QAM	12	7	15.14	15.23	15.09	16.5	2.1
5	256QAM	12	13	15.12	15.31	15.11		
5	256QAM	25	0	15.17	15.31	15.11		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.51	17.54	17.43	18.6	0
3	QPSK	1	8	17.45	17.50	17.42		
3	QPSK	1	14	17.50	17.52	17.41		
3	QPSK	8	0	17.48	17.47	17.44	18.6	0
3	QPSK	8	4	17.43	17.51	17.53		
3	QPSK	8	7	17.43	17.48	17.46		
3	QPSK	15	0	17.45	17.47	17.42		
3	16QAM	1	0	17.44	17.53	17.51		
3	16QAM	1	8	17.43	17.45	17.48	18.6	0
3	16QAM	1	14	17.42	17.49	17.46		
3	16QAM	8	0	17.52	17.55	17.51	18.6	0
3	16QAM	8	4	17.49	17.46	17.46		
3	16QAM	8	7	17.44	17.43	17.43		
3	16QAM	15	0	17.42	17.45	17.50		
3	64QAM	1	0	17.51	17.45	17.51	18.6	0
3	64QAM	1	8	17.51	17.54	17.49		
3	64QAM	1	14	17.49	17.48	17.50		
3	64QAM	8	0	17.46	17.49	17.42	18.5	0.1
3	64QAM	8	4	17.51	17.48	17.47		
3	64QAM	8	7	17.42	17.50	17.47		
3	64QAM	15	0	17.47	17.55	17.41		
3	256QAM	1	0	15.30	15.49	15.36		
3	256QAM	1	8	15.33	15.41	15.38	16.5	2.1
3	256QAM	1	14	15.34	15.39	15.40		
3	256QAM	8	0	15.26	15.32	15.14	16.5	2.1
3	256QAM	8	4	15.18	15.24	15.12		
3	256QAM	8	7	15.14	15.31	15.17		
3	256QAM	15	0	15.18	15.28	15.16		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.42	17.44	17.43	18.6	0
1.4	QPSK	1	3	17.50	17.55	17.49		
1.4	QPSK	1	5	17.51	17.53	17.48		
1.4	QPSK	3	0	17.42	17.50	17.47		
1.4	QPSK	3	1	17.44	17.50	17.45		
1.4	QPSK	3	3	17.52	17.46	17.47		
1.4	QPSK	6	0	17.50	17.47	17.49	18.6	0
1.4	16QAM	1	0	17.48	17.45	17.47	18.6	0
1.4	16QAM	1	3	17.52	17.43	17.46		
1.4	16QAM	1	5	17.49	17.45	17.53		
1.4	16QAM	3	0	17.49	17.44	17.50		
1.4	16QAM	3	1	17.52	17.46	17.45		
1.4	16QAM	3	3	17.53	17.47	17.47		
1.4	16QAM	6	0	17.52	17.53	17.43	18.6	0
1.4	64QAM	1	0	17.42	17.54	17.52	18.6	0
1.4	64QAM	1	3	17.53	17.49	17.47		
1.4	64QAM	1	5	17.51	17.49	17.50		
1.4	64QAM	3	0	17.49	17.45	17.42		
1.4	64QAM	3	1	17.45	17.53	17.51		
1.4	64QAM	3	3	17.48	17.53	17.42		
1.4	64QAM	6	0	17.44	17.46	17.51	18.5	0.1
1.4	256QAM	1	0	15.32	15.48	15.31	16.5	2.1
1.4	256QAM	1	3	15.34	15.44	15.42		
1.4	256QAM	1	5	15.43	15.41	15.31		
1.4	256QAM	3	0	15.23	15.29	15.24		
1.4	256QAM	3	1	15.21	15.24	15.18		
1.4	256QAM	3	3	15.13	15.24	15.15		
1.4	256QAM	6	0	15.17	15.26	15.11	16.5	2.1

Band 4 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.48	18.56	18.38	19.5	0
20	QPSK	1	49	18.39	18.53	18.40		
20	QPSK	1	99	18.44	18.51	18.45		
20	QPSK	50	0	18.46	18.52	18.47		
20	QPSK	50	24	18.37	18.47	18.44	19.5	0
20	QPSK	50	50	18.44	18.48	18.44		
20	QPSK	100	0	18.48	18.51	18.50		
20	16QAM	1	0	18.39	18.50	18.47		
20	16QAM	1	49	18.46	18.48	18.42	19.5	0
20	16QAM	1	99	18.46	18.49	18.47		
20	16QAM	50	0	18.48	18.55	18.46		
20	16QAM	50	24	18.40	18.45	18.41	19.5	0
20	16QAM	50	50	18.39	18.53	18.49		
20	16QAM	100	0	18.41	18.54	18.47		
20	64QAM	1	0	18.37	18.55	18.42		
20	64QAM	1	49	18.42	18.54	18.43	19.5	0
20	64QAM	1	99	18.48	18.46	18.45		
20	64QAM	50	0	17.46	17.56	17.44		
20	64QAM	50	24	17.36	17.48	17.45	18.5	1
20	64QAM	50	50	17.38	17.47	17.45		
20	64QAM	100	0	17.43	17.51	17.40		
20	256QAM	1	0	15.42	15.56	15.48		
20	256QAM	1	49	15.38	15.56	15.46	16.5	3
20	256QAM	1	99	15.45	15.51	15.48		
20	256QAM	50	0	15.40	15.50	15.42		
20	256QAM	50	24	15.47	15.47	15.40	16.5	3
20	256QAM	50	50	15.45	15.46	15.41		
20	256QAM	100	0	15.42	15.53	15.43		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.34	18.45	18.36	19.5	0
15	QPSK	1	37	18.41	18.50	18.42		
15	QPSK	1	74	18.34	18.47	18.36		
15	QPSK	36	0	18.43	18.48	18.34		
15	QPSK	36	20	18.31	18.42	18.43	19.5	0
15	QPSK	36	39	18.35	18.49	18.41		
15	QPSK	75	0	18.36	18.43	18.42		
15	16QAM	1	0	18.36	18.40	18.34		
15	16QAM	1	37	18.38	18.44	18.41	19.5	0
15	16QAM	1	74	18.32	18.41	18.36		
15	16QAM	36	0	18.38	18.48	18.43		
15	16QAM	36	20	18.41	18.48	18.34	19.5	0
15	16QAM	36	39	18.38	18.48	18.38		
15	16QAM	75	0	18.41	18.51	18.37		
15	64QAM	1	0	18.34	18.41	18.39		
15	64QAM	1	37	18.32	18.47	18.37	19.5	0
15	64QAM	1	74	18.41	18.49	18.38		
15	64QAM	36	0	17.40	17.42	17.36		
15	64QAM	36	20	17.34	17.48	17.40	18.5	1
15	64QAM	36	39	17.38	17.48	17.41		
15	64QAM	75	0	17.36	17.46	17.35		
15	256QAM	1	0	15.39	15.51	15.41		
15	256QAM	1	37	15.42	15.52	15.37	16.5	3
15	256QAM	1	74	15.36	15.41	15.41		
15	256QAM	36	0	15.33	15.45	15.37		
15	256QAM	36	20	15.39	15.52	15.38	16.5	3
15	256QAM	36	39	15.40	15.43	15.43		
15	256QAM	75	0	15.33	15.48	15.33		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.31	18.50	18.43	19.5	0
10	QPSK	1	25	18.37	18.51	18.40		
10	QPSK	1	49	18.40	18.42	18.35		
10	QPSK	25	0	18.41	18.50	18.42		
10	QPSK	25	12	18.34	18.49	18.37	19.5	0
10	QPSK	25	25	18.36	18.43	18.40		
10	QPSK	50	0	18.38	18.42	18.33		
10	16QAM	1	0	18.38	18.43	18.41		
10	16QAM	1	25	18.32	18.51	18.40	19.5	0
10	16QAM	1	49	18.32	18.51	18.36		
10	16QAM	25	0	18.41	18.41	18.36		
10	16QAM	25	12	18.41	18.49	18.43	19.5	0
10	16QAM	25	25	18.42	18.43	18.35		
10	16QAM	50	0	18.40	18.52	18.39		
10	64QAM	1	0	18.43	18.43	18.38		
10	64QAM	1	25	18.43	18.48	18.36	19.5	0
10	64QAM	1	49	18.41	18.42	18.38		
10	64QAM	25	0	17.42	17.41	17.38		
10	64QAM	25	12	17.35	17.45	17.37	18.5	1
10	64QAM	25	25	17.42	17.44	17.38		
10	64QAM	50	0	17.41	17.46	17.39		
10	256QAM	1	0	15.36	15.40	15.43		
10	256QAM	1	25	15.41	15.50	15.36	16.5	3
10	256QAM	1	49	15.39	15.52	15.38		
10	256QAM	25	0	15.35	15.42	15.38		
10	256QAM	25	12	15.39	15.48	15.37	16.5	3
10	256QAM	25	25	15.37	15.46	15.42		
10	256QAM	50	0	15.40	15.42	15.34		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.40	18.43	18.41	19.5	0
5	QPSK	1	12	18.38	18.50	18.39		
5	QPSK	1	24	18.42	18.44	18.38		
5	QPSK	12	0	18.36	18.45	18.38	19.5	0
5	QPSK	12	7	18.31	18.42	18.39		
5	QPSK	12	13	18.36	18.44	18.42		
5	QPSK	25	0	18.32	18.46	18.34		
5	16QAM	1	0	18.36	18.43	18.35		
5	16QAM	1	12	18.31	18.42	18.40	19.5	0
5	16QAM	1	24	18.37	18.46	18.43		
5	16QAM	12	0	18.37	18.51	18.43		
5	16QAM	12	7	18.42	18.48	18.38	19.5	0
5	16QAM	12	13	18.36	18.41	18.37		
5	16QAM	25	0	18.36	18.47	18.43		
5	64QAM	1	0	18.38	18.51	18.35		
5	64QAM	1	12	18.39	18.44	18.38	19.5	0
5	64QAM	1	24	18.33	18.46	18.42		
5	64QAM	12	0	17.37	17.50	17.35		
5	64QAM	12	7	17.32	17.44	17.34	18.5	1
5	64QAM	12	13	17.42	17.41	17.44		
5	64QAM	25	0	17.42	17.47	17.43		
5	256QAM	1	0	15.35	15.48	15.34		
5	256QAM	1	12	15.40	15.47	15.40	16.5	3
5	256QAM	1	24	15.33	15.47	15.40		
5	256QAM	12	0	15.36	15.49	15.41		
5	256QAM	12	7	15.38	15.41	15.35	16.5	3
5	256QAM	12	13	15.35	15.47	15.36		
5	256QAM	25	0	15.38	15.46	15.45		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.43	18.50	18.42	19.5	0
3	QPSK	1	8	18.41	18.48	18.39		
3	QPSK	1	14	18.36	18.45	18.41		
3	QPSK	8	0	18.34	18.50	18.38	19.5	0
3	QPSK	8	4	18.33	18.48	18.40		
3	QPSK	8	7	18.41	18.44	18.35		
3	QPSK	15	0	18.33	18.44	18.34		
3	16QAM	1	0	18.33	18.43	18.38	19.5	0
3	16QAM	1	8	18.38	18.47	18.40		
3	16QAM	1	14	18.33	18.51	18.34		
3	16QAM	8	0	18.41	18.45	18.35	19.5	0
3	16QAM	8	4	18.37	18.43	18.34		
3	16QAM	8	7	18.32	18.47	18.44		
3	16QAM	15	0	18.40	18.47	18.38		
3	64QAM	1	0	18.35	18.46	18.43	19.5	0
3	64QAM	1	8	18.33	18.43	18.37		
3	64QAM	1	14	18.37	18.46	18.35		
3	64QAM	8	0	17.35	17.41	17.37	18.5	1
3	64QAM	8	4	17.32	17.45	17.34		
3	64QAM	8	7	17.33	17.43	17.37		
3	64QAM	15	0	17.36	17.43	17.39		
3	256QAM	1	0	15.33	15.48	15.34	16.5	3
3	256QAM	1	8	15.33	15.44	15.44		
3	256QAM	1	14	15.37	15.49	15.40		
3	256QAM	8	0	15.34	15.49	15.44	16.5	3
3	256QAM	8	4	15.36	15.45	15.45		
3	256QAM	8	7	15.42	15.44	15.43		
3	256QAM	15	0	15.32	15.51	15.42		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.39	18.52	18.42	19.5	0
1.4	QPSK	1	3	18.41	18.43	18.44		
1.4	QPSK	1	5	18.38	18.44	18.36		
1.4	QPSK	3	0	18.37	18.44	18.39		
1.4	QPSK	3	1	18.32	18.50	18.34		
1.4	QPSK	3	3	18.39	18.47	18.33		
1.4	QPSK	6	0	18.42	18.45	18.37	19.5	0
1.4	16QAM	1	0	18.38	18.46	18.39	19.5	0
1.4	16QAM	1	3	18.41	18.43	18.35		
1.4	16QAM	1	5	18.37	18.42	18.39		
1.4	16QAM	3	0	18.37	18.51	18.42		
1.4	16QAM	3	1	18.36	18.42	18.44		
1.4	16QAM	3	3	18.35	18.43	18.43		
1.4	16QAM	6	0	18.40	18.51	18.44	19.5	0
1.4	64QAM	1	0	18.35	18.48	18.36	19.5	0
1.4	64QAM	1	3	18.42	18.46	18.38		
1.4	64QAM	1	5	18.35	18.44	18.39		
1.4	64QAM	3	0	18.37	18.44	18.37		
1.4	64QAM	3	1	18.38	18.52	18.44		
1.4	64QAM	3	3	18.37	18.50	18.40		
1.4	64QAM	6	0	17.34	17.45	17.41	18.5	1
1.4	256QAM	1	0	15.35	15.50	15.45	16.5	3
1.4	256QAM	1	3	15.40	15.51	15.35		
1.4	256QAM	1	5	15.36	15.44	15.35		
1.4	256QAM	3	0	15.35	15.52	15.34		
1.4	256QAM	3	1	15.41	15.48	15.43		
1.4	256QAM	3	3	15.35	15.47	15.38		
1.4	256QAM	6	0	15.33	15.48	15.44	16.5	3

Band 5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.45	22.49	22.40	23.5	0
10	QPSK	1	25	22.33	22.35	22.41		
10	QPSK	1	49	22.39	22.47	22.31		
10	QPSK	25	0	21.37	21.47	21.39	23	0.5
10	QPSK	25	12	21.22	21.35	21.22		
10	QPSK	25	25	21.24	21.32	21.28		
10	QPSK	50	0	21.33	21.45	21.31		
10	16QAM	1	0	21.63	21.82	21.79	23

Band 7 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.65	18.67	18.64	19.9	0
20	QPSK	1	49	18.59	18.62	18.52		
20	QPSK	1	99	18.58	18.64	18.55		
20	QPSK	50	0	18.60	18.64	18.62	19.9	0
20	QPSK	50	24	18.55	18.61	18.55		
20	QPSK	50	50	18.61	18.62	18.52		
20	QPSK	100	0	18.61	18.63	18.62		
20	16QAM	1	0	18.57	18.63	18.54	19.9	0
20	16QAM	1	49	18.55	18.60	18.56		
20	16QAM	1	99	18.53	18.66	18.62		
20	16QAM	50	0	18.50	18.63	18.62	19.9	0
20	16QAM	50	24	18.51	18.59	18.60		
20	16QAM	50	50	18.54	18.60	18.57		
20	16QAM	100	0	18.50	18.60	18.59		
20	64QAM	1	0	18.58	18.60	18.58	19.9	0
20	64QAM	1	49	18.57	18.62	18.55		
20	64QAM	1	99	18.51	18.61	18.54		
20	64QAM	50	0	18.56	18.63	18.60	19.9	0
20	64QAM	50	24	18.59	18.66	18.54		
20	64QAM	50	50	18.58	18.63	18.53		
20	64QAM	100	0	18.50	18.60	18.57		
20	256QAM	1	0	16.62	16.69	16.56	18	1.9
20	256QAM	1	49	16.58	16.69	16.57		
20	256QAM	1	99	16.52	16.67	16.60		
20	256QAM	50	0	16.51	16.68	16.57	18	1.9
20	256QAM	50	24	16.53	16.66	16.51		
20	256QAM	50	50	16.52	16.60	16.57		
20	256QAM	100	0	16.59	16.69	16.54		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.42	18.59	18.49	19.9	0
15	QPSK	1	37	18.40	18.56	18.46		
15	QPSK	1	74	18.43	18.51	18.42		
15	QPSK	36	0	18.46	18.60	18.45	19.9	0
15	QPSK	36	20	18.43	18.61	18.49		
15	QPSK	36	39	18.44	18.55	18.48		
15	QPSK	75	0	18.48	18.62	18.49		
15	16QAM	1	0	18.49	18.61	18.48	19.9	0
15	16QAM	1	37	18.44	18.55	18.45		
15	16QAM	1	74	18.50	18.51	18.43		
15	16QAM	36	0	18.51	18.59	18.52	19.9	0
15	16QAM	36	20	18.51	18.61	18.47		
15	16QAM	36	39	18.50	18.58	18.46		
15	16QAM	75	0	18.43	18.52	18.50		
15	64QAM	1	0	18.40	18.54	18.47	19.9	0
15	64QAM	1	37	18.47	18.50	18.46		
15	64QAM	1	74	18.46	18.53	18.42		
15	64QAM	36	0	18.48	18.56	18.51	19.9	0
15	64QAM	36	20	18.45	18.58	18.50		
15	64QAM	36	39	18.49	18.50	18.42		
15	64QAM	75	0	18.42	18.54	18.50		
15	256QAM	1	0	16.49	16.59	16.43	18	1.9
15	256QAM	1	37	16.52	16.53	16.44		
15	256QAM	1	74	16.44	16.51	16.51		
15	256QAM	36	0	16.43	16.57	16.46	18	1.9
15	256QAM	36	20	16.41	16.57	16.47		
15	256QAM	36	39	16.48	16.61	16.47		
15	256QAM	75	0	16.49	16.51	16.43		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.49	18.50	18.47	19.9	0
10	QPSK	1	25	18.48	18.56	18.47		
10	QPSK	1	49	18.48	18.53	18.46		
10	QPSK	25	0	18.50	18.54	18.41	19.9	0
10	QPSK	25	12	18.41	18.53	18.48		
10	QPSK	25	25	18.43	18.61	18.50		
10	QPSK	50	0	18.45	18.56	18.47		
10	16QAM	1	0	18.41	18.60	18.46	19.9	0
10	16QAM	1	25	18.44	18.54	18.51		
10	16QAM	1	49	18.45	18.62	18.48		
10	16QAM	25	0	18.49	18.52	18.44	19.9	0
10	16QAM	25	12	18.47	18.51	18.52		
10	16QAM	25	25	18.47	18.52	18.49		
10	16QAM	50	0	18.52	18.61	18.46		
10	64QAM	1	0	18.42	18.55	18.44	19.9	0
10	64QAM	1	25	18.50	18.53	18.41		
10	64QAM	1	49	18.51	18.51	18.53		
10	64QAM	25	0	18.47	18.62	18.47	19.9	0
10	64QAM	25	12	18.42	18.53	18.51		
10	64QAM	25	25	18.48	18.60	18.48		
10	64QAM	50	0	18.49	18.59	18.49		
10	256QAM	1	0	16.44	16.61	16.46	18	1.9
10	256QAM	1	25	16.52	16.53	16.48		
10	256QAM	1	49	16.48	16.60	16.45		
10	256QAM	25	0	16.52	16.59	16.51	18	1.9
10	256QAM	25	12	16.42	16.59	16.52		
10	256QAM	25	25	16.50	16.60	16.45		
10	256QAM	50	0	16.44	16.61	16.47		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.45	18.58	18.46	19.9	0
5	QPSK	1	12	18.48	18.56	18.47		
5	QPSK	1	24	18.44	18.61	18.43		
5	QPSK	12	0	18.45	18.51	18.44	19.9	0
5	QPSK	12	7	18.41	18.59	18.49		
5	QPSK	12	13	18.49	18.54	18.42		
5	QPSK	25	0	18.51	18.62	18.47		
5	16QAM	1	0	18.49	18.58	18.44	19.9	0
5	16QAM	1	12	18.45	18.50	18.51		
5	16QAM	1	24	18.47	18.56	18.42		
5	16QAM	12	0	18.47	18.52	18.52	19.9	0
5	16QAM	12	7	18.51	18.60	18.48		
5	16QAM	12	13	18.50	18.61	18.53		
5	16QAM	25	0	18.41	18.50	18.53		
5	64QAM	1	0	18.50	18.53	18.52	19.9	0
5	64QAM	1	12	18.47	18.55	18.51		
5	64QAM	1	24	18.45	18.53	18.41		
5	64QAM	12	0	18.44	18.57	18.42	19.9	0
5	64QAM	12	7	18.50	18.56	18.45		
5	64QAM	12	13	18.45	18.54	18.50		
5	64QAM	25	0	18.46	18.60	18.43		
5	256QAM	1	0	16.49	16.54	16.51	18	1.9
5	256QAM	1	12	16.49	16.62	16.44		
5	256QAM	1	24	16.44	16.59	16.52		
5	256QAM	12	0	16.43	16.50	16.46	18	1.9
5	256QAM	12	7	16.52	16.53	16.53		
5	256QAM	12	13	16.46	16.57	16.48		
5	256QAM	25	0	16.51	16.57	16.42		

Band 12 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.83	21.96	21.87	23	0
10	QPSK	1	25	21.74	21.73	21.89		
10	QPSK	1	49	21.90	21.84	21.67		
10	QPSK	25	0	20.86	20.91	20.89	22	1
10	QPSK	25	12	20.68	20.83	20.52		
10	QPSK	25	25	20.72	20.68	20.57		
10	QPSK	50	0	20.85	20.89	20.83		
10	16QAM	1	0	21.14	21.20	21.18	22	1
10	16QAM	1	25	21.10	21.22	20.99		
10	16QAM	1	49	21.13	21.25	21.13		
10	16QAM	25	0	19.65	19.79	19.54	21	2
10	16QAM	25	12	19.65	19.74	19.61		
10	16QAM	25	25	19.72	19.69	19.76		
10	16QAM	50	0	19.69	19.69	19.64	21	2
10	64QAM	1	0	19.85	19.85	19.95		
10	64QAM	1	25	19.80	19.87	19.91		
10	64QAM	1	49	19.88	19.98	19.81	20	3
10	64QAM	25	0	18.85	18.81	18.62		
10	64QAM	25	12	18.61	18.70	18.76		
10	64QAM	25	25	18.70	18.78	18.66		
10	64QAM	50	0	18.65	18.71	18.67	18	5
10	256QAM	1	0	16.84	16.91	16.89		
10	256QAM	1	25	16.87	16.99	16.83		
10	256QAM	1	49	16.80	16.92	16.78		
10	256QAM	25	0	16.83	16.93	16.83	18	5
10	256QAM	25	12	16.87	16.89	16.83		
10	256QAM	25	25	16.87	16.95	16.78		
10	256QAM	50	0	16.81	16.94	16.78		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.86	21.86	21.81	23	0
5	QPSK	1	12	21.73	21.74	21.80		
5	QPSK	1	24	21.80	21.82	21.63		
5	QPSK	12	0	20.81	20.83	20.71	22	1
5	QPSK	12	7	20.66	20.69	20.47		
5	QPSK	12	13	20.71	20.63	20.56		
5	QPSK	25	0	20.76	20.84	20.73		
5	16QAM	1	0	21.06	21.26	21.18	22	1
5	16QAM	1	12	21.11	21.20	20.93		
5	16QAM	1	24	21.10	21.22	21.11		
5	16QAM	12	0	19.59	19.79	19.60	21	2
5	16QAM	12	7	19.60	19.67	19.64		
5	16QAM	12	13	19.71	19.60	19.69		
5	16QAM	25	0	19.61	19.69	19.59		
5	64QAM	1	0	19.85	19.88	19.93	21	2
5	64QAM	1	12	19.87	19.94	19.86		
5	64QAM	1	24	19.77	19.95	19.71		
5	64QAM	12	0	18.84	18.69	18.55	20	3
5	64QAM	12	7	18.59	18.65	18.70		
5	64QAM	12	13	18.64	18.76	18.60		
5	64QAM	25	0	18.59	18.71	18.66		
5	256QAM	1	0	16.83	16.93	16.81	18	5
5	256QAM	1	12	16.82	16.97	16.78		
5	256QAM	1	24	16.81	16.92	16.84		
5	256QAM	12	0	16.83	16.93	16.82	18	5
5	256QAM	12	7	16.80	16.87	16.83		
5	256QAM	12	13	16.81	16.85	16.81		
5	256QAM	25	0	16.84	16.94	16.79		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.87	21.93	21.84	23	0
3	QPSK	1	8	21.71	21.66	21.79		
3	QPSK	1	14	21.86	21.85	21.64		
3	QPSK	8	0	20.82	20.87	20.79	22	1
3	QPSK	8	4	20.61	20.79	20.51		
3	QPSK	8	7	20.70	20.63	20.57		
3	QPSK	15	0	20.69	20.86	20.75		
3	16QAM	1	0	21.02	21.24	21.16	22	1
3	16QAM	1	8	21.12	21.23	20.99		
3	16QAM	1	14	21.13	21.18	21.04		
3	16QAM	8	0	19.57	19.74	19.51	21	2
3	16QAM	8	4	19.58	19.72	19.67		
3	16QAM	8	7	19.63	19.69	19.74		
3	16QAM	15	0	19.64	19.73	19.68		
3	64QAM	1	0	19.87	19.81	19.94	21	2
3	64QAM	1	8	19.82	19.92	19.96		
3	64QAM	1	14	19.84	20.02	19.78		
3	64QAM	8	0	18.75	18.70	18.52	20	3
3	64QAM	8	4	18.58	18.65	18.67		
3	64QAM	8	7	18.67	18.74	18.62		
3	64QAM	15	0	18.56	18.67	18.72		
3	256QAM	1	0	16.85	16.95	16.75	18	5
3	256QAM	1	8	16.85	16.88	16.77		
3	256QAM	1	14	16.86	16.87	16.84		
3	256QAM	8	0	16.77	16.96	16.78	18	5
3	256QAM	8	4	16.82	16.90	16.79		
3	256QAM	8	7	16.83	16.94	16.82		
3	256QAM	15	0	16.84	16.94	16.78		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.78	21.91	21.86	23	0
1.4	QPSK	1	3	21.63	21.68	21.83		
1.4	QPSK	1	5	21.85	21.77	21.63		
1.4	QPSK	3	0	21.79	21.84	21.84		
1.4	QPSK	3	1	21.70	21.70	21.79		
1.4	QPSK	3	3	21.86	21.84	21.65		
1.4	QPSK	6	0	20.84	20.88	20.79	22	1
1.4	16QAM	1	0	20.62	20.69	20.50	22	1
1.4	16QAM	1	3	20.61	20.59	20.55		
1.4	16QAM	1	5	20.80	20.76	20.77		
1.4	16QAM	3	0	20.80	20.90	20.75		
1.4	16QAM	3	1	20.69	20.71	20.58		
1.4	16QAM	3	3	20.68	20.64	20.60		
1.4	16QAM	6	0	19.62	19.83	19.52	21	2
1.4	64QAM	1	0	19.60	19.72	19.62	21	2
1.4	64QAM	1	3	19.69	19.71	19.66		
1.4	64QAM	1	5	19.65	19.84	19.56		
1.4	64QAM	3	0	19.61	19.67	19.58		
1.4	64QAM	3	1	19.70	19.63	19.64		
1.4	64QAM	3	3	19.62	19.71	19.62		
1.4	64QAM	6	0	18.77	18.78	18.57	20	3
1.4	256QAM	1	0	16.84	16.88	16.74	18	5
1.4	256QAM	1	3	16.82	16.90	16.86		
1.4	256QAM	1	5	16.85	16.96	16.76		
1.4	256QAM	3	0	16.79	16.96	16.82		
1.4	256QAM	3	1	16.86	16.88	16.86		
1.4	256QAM	3	3	16.84	16.87	16.79		
1.4	256QAM	6	0	16.83	16.95	16.84	18	5

Band 13 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.73		23	0
10	QPSK	1	25		21.60			
10	QPSK	1	49		21.58			
10	QPSK	25	0		20.66		22	1
10	QPSK	25	12		20.56			
10	QPSK	25	25		20.44			
10	QPSK	50	0		20.64			
10	16QAM	1	0		21.08		22	1
10	16QAM	1	25		21.12			
10	16QAM	1	49		21.00			
10	16QAM	25	0		19.65		21	2
10	16QAM	25	12		19.51			
10	16QAM	25	25		19.55			
10	16QAM	50	0		19.58			
10	64QAM	1	0		19.73		21	2
10	64QAM	1	25		19.74			
10	64QAM	1	49		19.87			
10	64QAM	25	0		18.55		20	3
10	64QAM	25	12		18.48			
10	64QAM	25	25		18.62			
10	64QAM	50	0		18.54		18	5
10	256QAM	1	0		16.81			
10	256QAM	1	25		16.77			
10	256QAM	1	49		16.73			
10	256QAM	25	0		16.82		18	5
10	256QAM	25	12		16.73			
10	256QAM	25	25		16.76			
10	256QAM	50	0		16.78			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.68	21.68	21.62	23	0
5	QPSK	1	12	21.54	21.49	21.66		
5	QPSK	1	24	21.65	21.58	21.50		
5	QPSK	12	0	20.71	20.71	20.65	22	1
5	QPSK	12	7	20.47	20.60	20.32		
5	QPSK	12	13	20.48	20.54	20.41		
5	QPSK	25	0	20.66	20.67	20.63		
5	16QAM	1	0	20.90	21.11	21.00	22	1
5	16QAM	1	12	20.96	21.00	20.77		
5	16QAM	1	24	21.02	21.07	20.89		
5	16QAM	12	0	19.47	19.67	19.39	21	2
5	16QAM	12	7	19.45	19.58	19.43		
5	16QAM	12	13	19.54	19.55	19.57		
5	16QAM	25	0	19.53	19.54	19.50		
5	64QAM	1	0	19.63	19.69	19.77	21	2
5	64QAM	1	12	19.69	19.74	19.72		
5	64QAM	1	24	19.63	19.85	19.66		
5	64QAM	12	0	18.64	18.59	18.47	20	3
5	64QAM	12	7	18.49	18.55	18.53		
5	64QAM	12	13	18.47	18.52	18.50		
5	64QAM	25	0	18.51	18.60	18.49		
5	256QAM	1	0	16.65	16.74	16.64	18	5
5	256QAM	1	12	16.67	16.72	16.61		
5	256QAM	1	24	16.69	16.72	16.64		
5	256QAM	12	0	16.62	16.71	16.62	18	5
5	256QAM	12	7	16.61	16.72	16.64		
5	256QAM	12	13	16.64	16.77	16.65		
5	256QAM	25	0	16.59	16.78	16.63		

Band 17 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.79	21.95	21.89	23	0
10	QPSK	1	25	21.66	21.71	21.82		
10	QPSK	1	49	21.90	21.80	21.64		
10	QPSK	25	0	20.85	20.89	20.76	22	1
10	QPSK	25	12	20.66	20.74	20.51		
10	QPSK	25	25	20.70	20.70	20.66		
10	QPSK	50	0	20.75	20.83	20.73		
10	16QAM	1	0	21.06	21.22	21.18	22	1
10	16QAM	1	25	21.05	21.22	20.99		
10	16QAM	1	49	21.20	21.22	21.14		
10	16QAM	25	0	19.61	19.84	19.53	21	2
10	16QAM	25	12	19.63	19.66	19.62		
10	16QAM	25	25	19.64	19.74	19.75		
10	16QAM	50	0	19.72	19.71	19.61		
10	64QAM	1	0	19.86	19.87	19.96	21	2
10	64QAM	1	25	19.91	19.87	19.93		
10	64QAM	1	49	19.86	20.05	19.81		
10	64QAM	25	0	18.76	18.71	18.60	20	3
10	64QAM	25	12	18.67	18.65	18.75		
10	64QAM	25	25	18.65	18.76	18.63		
10	64QAM	50	0	18.59	18.70	18.75		
10	256QAM	1	0	16.89	16.98	16.86	18	5
10	256QAM	1	25	16.77	16.88	16.83		
10	256QAM	1	49	16.86	16.97	16.82		
10	256QAM	25	0	16.79	16.94	16.79	18	5
10	256QAM	25	12	16.80	16.91	16.87		
10	256QAM	25	25	16.77	16.94	16.80		
10	256QAM	50	0	16.83	16.89	16.82		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.87	21.93	21.83	23	0
5	QPSK	1	12	21.74	21.68	21.77		
5	QPSK	1	24	21.76	21.74	21.66		
5	QPSK	12	0	20.81	20.83	20.75	22	1
5	QPSK	12	7	20.70	20.71	20.59		
5	QPSK	12	13	20.64	20.67	20.54		
5	QPSK	25	0	20.69	20.76	20.73		
5	16QAM	1	0	21.03	21.19	21.20	22	1
5	16QAM	1	12	21.02	21.26	20.91		
5	16QAM	1	24	21.15	21.17	21.13		
5	16QAM	12	0	19.65	19.78	19.58	21	2
5	16QAM	12	7	19.66	19.72	19.60		
5	16QAM	12	13	19.64	19.69	19.75		
5	16QAM	25	0	19.66	19.67	19.68		
5	64QAM	1	0	19.85	19.83	19.88	21	2
5	64QAM	1	12	19.77	19.87	19.90		
5	64QAM	1	24	19.80	19.95	19.82		
5	64QAM	12	0	18.79	18.75	18.60	20	3
5	64QAM	12	7	18.57	18.61	18.71		
5	64QAM	12	13	18.61	18.69	18.61		
5	64QAM	25	0	18.57	18.64	18.67		
5	256QAM	1	0	16.84	16.96	16.81	18	5
5	256QAM	1	12	16.79	16.94	16.81		
5	256QAM	1	24	16.81	16.91	16.78		
5	256QAM	12	0	16.81	16.92	16.80	18	5
5	256QAM	12	7	16.74	16.86	16.74		
5	256QAM	12	13	16.80	16.96	16.80		
5	256QAM	25	0	16.79	16.95	16.79		

Band 26 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.44	22.51	22.45	23.5	0
15	QPSK	1	37	22.32	22.33	22.44		
15	QPSK	1	74	22.45	22.42	22.29		
15	QPSK	36	0	21.43	21.47	21.38	23	0.5
15	QPSK	36	20	21.28	21.37	21.16		
15	QPSK	36	39	21.29	21.27	21.22		
15	QPSK	75	0	21.32	21.45	21.36		
15	16QAM	1	0	21.69	21.86	21.83	23	0.5
15	16QAM	1	37	21.70	21.84	21.58		
15	16QAM	1	74	21.76	21.82	21.71		
15	16QAM	36	0	20.26	20.42	20.18	22	1.5
15	16QAM	36	20	20.25	20.32	20.26		
15	16QAM	36	39	20.28	20.29	20.33		
15	16QAM	75	0	20.29	20.34	20.26		
15	64QAM	1	0	20.44	20.47	20.55	22	1.5
15	64QAM	1	37	20.46	20.52	20.54		
15	64QAM	1	74	20.43	20.64	20.40		
15	64QAM	36	0	19.42	19.36	19.19	21	2.5
15	64QAM	36	20	19.26	19.28	19.35		
15	64QAM	36	39	19.29	19.34	19.27		
15	64QAM	75	0	19.23	19.33	19.30		
15	256QAM	1	0	17.35	17.54	17.28	19	4.5
15	256QAM	1	37	17.25	17.43	17.42		
15	256QAM	1	74	17.38	17.48	17.22		
15	256QAM	36	0	17.33	17.40	17.26	19	4.5
15	256QAM	36	20	17.16	17.30	17.04		
15	256QAM	36	39	17.16	17.38	17.19		
15	256QAM	75	0	17.14	17.16	17.23		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.28	22.38	22.27	23.5	0
10	QPSK	1	25	22.31	22.33	22.32		
10	QPSK	1	49	22.27	22.39	22.29		
10	QPSK	25	0	21.20	21.31	21.23	23	0.5
10	QPSK	25	12	21.19	21.23	21.10		
10	QPSK	25	25	21.19	21.14	21.20		
10	QPSK	50	0	21.29	21.27	21.20		
10	16QAM	1	0	21.54	21.69	21.67	23	0.5
10	16QAM	1	25	21.64	21.71	21.56		
10	16QAM	1	49	21.63	21.78	21.58		
10	16QAM	25	0	20.17	20.25	20.18	22	1.5
10	16QAM	25	12	20.13	20.20	20.22		
10	16QAM	25	25	20.18	20.24	20.16		
10	16QAM	50	0	20.25	20.29	20.20		
10	64QAM	1	0	20.31	20.44	20.38	22	1.5
10	64QAM	1	25	20.33	20.48	20.42		
10	64QAM	1	49	20.33	20.50	20.39		
10	64QAM	25	0	19.22	19.22	19.13	21	2.5
10	64QAM	25	12	19.27	19.23	19.27		
10	64QAM	25	25	19.20	19.28	19.16		
10	64QAM	50	0	19.18	19.21	19.16		
10	256QAM	1	0	17.21	17.42	17.23	19	4.5
10	256QAM	1	25	17.32	17.41	17.38		
10	256QAM	1	49	17.26	17.41	17.23		
10	256QAM	25	0	17.14	17.28	17.09	19	4.5
10	256QAM	25	12	17.11	17.27	17.02		
10	256QAM	25	25	17.07	17.18	17.16		
10	256QAM	50	0	17.03	17.14	17.02		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.26	22.43	22.28	23.5	0
5	QPSK	1	12	22.27	22.35	22.37		
5	QPSK	1	24	22.27	22.32	22.27		
5	QPSK	12	0	21.23	21.38	21.26	23	0.5
5	QPSK	12	7	21.14	21.25	21.12		
5	QPSK	12	13	21.22	21.24	21.17		
5	QPSK	25	0	21.22	21.32	21.21		
5	16QAM	1	0	21.63	21.76	21.73	23	0.5
5	16QAM	1	12	21.64	21.64	21.57		
5	16QAM	1	24	21.67	21.71	21.62		
5	16QAM	12	0	20.19	20.31	20.18	22	1.5
5	16QAM	12	7	20.10	20.26	20.18		
5	16QAM	12	13	20.12	20.24	20.20		
5	16QAM	25	0	20.27	20.25	20.24		
5	64QAM	1	0	20.38	20.48	20.41	22	1.5
5	64QAM	1	12	20.33	20.45	20.44		
5	64QAM	1	24	20.28	20.41	20.43		
5	64QAM	12	0	19.31	19.26	19.17	21	2.5
5	64QAM	12	7	19.21	19.26	19.26		
5	64QAM	12	13	19.09	19.23	19.21		
5	64QAM	25	0	19.20	19.20	19.12	19	4.5
5	256QAM	1	0	17.20	17.46	17.19		
5	256QAM	1	12	17.22	17.37	17.39		
5	256QAM	1	24	17.23	17.42	17.26		
5	256QAM	12	0	17.19	17.24	17.11	19	4.5
5	256QAM	12	7	17.09	17.18	17.05		
5	256QAM	12	13	17.11	17.29	17.13		
5	256QAM	25	0	17.03	17.15	17.03		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.30	22.37	22.33	23.5	0
3	QPSK	1	8	22.21	22.37	22.32		
3	QPSK	1	14	22.31	22.39	22.31		
3	QPSK	8	0	21.22	21.28	21.22	23	0.5
3	QPSK	8	4	21.16	21.22	21.12		
3	QPSK	8	7	21.19	21.21	21.18		
3	QPSK	15	0	21.19	21.27	21.22		
3	16QAM	1	0	21.59	21.72	21.72	23	0.5
3	16QAM	1	8	21.54	21.71	21.59		
3	16QAM	1	14	21.67	21.71	21.63		
3	16QAM	8	0	20.19	20.20	20.08	22	1.5
3	16QAM	8	4	20.14	20.29	20.22		
3	16QAM	8	7	20.10	20.22	20.14		
3	16QAM	15	0	20.18	20.31	20.24		
3	64QAM	1	0	20.29	20.44	20.34	22	1.5
3	64QAM	1	8	20.24	20.52	20.37		
3	64QAM	1	14	20.36	20.41	20.41		
3	64QAM	8	0	19.26	19.27	19.19	21	2.5
3	64QAM	8	4	19.23	19.21	19.28		
3	64QAM	8	7	19.20	19.28	19.15		
3	64QAM	15	0	19.19	19.18	19.18		
3	256QAM	1	0	17.21	17.42	17.17	19	4.5
3	256QAM	1	8	17.24	17.42	17.41		
3	256QAM	1	14	17.30	17.41	17.22		
3	256QAM	8	0	17.15	17.21	17.15	19	4.5
3	256QAM	8	4	17.03	17.25	17.03		
3	256QAM	8	7	17.09	17.18	17.15		
3	256QAM	15	0	17.01	17.12	17.01		
Channel				26907	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.30	22.29	22.35	23.5	0
1.4	QPSK	1	3	22.13	22.37	22.40		
1.4	QPSK	1	5	22.20	22.31	22.27		
1.4	QPSK	3	0	22.26	22.41	22.26		
1.4	QPSK	3	1	22.17	22.37	22.32		
1.4	QPSK	3	3	22.39	22.37	22.42		
1.4	QPSK	6	0	21.14	21.28	21.17	23	0.5
1.4	16QAM	1	0	21.29	21.33	21.17	23	0.5
1.4	16QAM	1	3	21.24	21.30	21.19		
1.4	16QAM	1	5	21.21	21.29	21.17		
1.4	16QAM	3	0	21.47	21.66	21.68		
1.4	16QAM	3	1	21.62	21.69	21.69		
1.4	16QAM	3	3	21.76	21.62	21.55		
1.4	16QAM	6	0	20.16	20.22	20.19	22	1.5
1.4	64QAM	1	0	20.16	20.33	20.16	22	1.5
1.4	64QAM	1	3	20.13	20.17	20.14		
1.4	64QAM	1	5	20.22	20.19	20.18		
1.4	64QAM	3	0	20.25	20.35	20.21		
1.4	64QAM	3	1	20.08	20.30	20.20		
1.4	64QAM	3	3	20.22	20.31	20.22		
1.4	64QAM	6	0	19.24	19.29	19.38	21	2.5
1.4	256QAM	1	0	17.18	17.38	17.10	19	4.5
1.4	256QAM	1	3	17.24	17.40	17.33		
1.4	256QAM	1	5	17.27	17.34	17.20		
1.4	256QAM	3	0	17.08	17.15	17.21		
1.4	256QAM	3	1	17.04	17.17	17.09		
1.4	256QAM	3	3	17.06	17.17	17.04		
1.4	256QAM	6	0	17.05	17.06	17.01	19	4.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.52	18.57	18.47	19.5	0
20	QPSK	1	49	18.42	18.45	18.48		
20	QPSK	1	99	18.43	18.44	18.49		
20	QPSK	50	0	18.46	18.55	18.48	19.5	0
20	QPSK	50	24	18.42	18.49	18.44		
20	QPSK	50	50	18.49	18.48	18.47		
20	QPSK	100	0	18.46	18.53	18.49		
20	16QAM	1	0	18.42	18.52	18.48	19.5	0
20	16QAM	1	49	18.43	18.51	18.46		
20	16QAM	1	99	18.49	18.46	18.50		
20	16QAM	50	0	18.45	18.46	18.51	19.5	0
20	16QAM	50	24	18.48	18.45	18.41		
20	16QAM	50	50	18.39	18.50	18.50		
20	16QAM	100	0	18.49	18.46	18.50		
20	64QAM	1	0	18.39	18.51	18.50	19.5	0
20	64QAM	1	49	18.50	18.52	18.43		
20	64QAM	1	99	18.42	18.47	18.51		
20	64QAM	50	0	17.47	17.50	17.46	18.5	1
20	64QAM	50	24	17.43	17.52	17.51		
20	64QAM	50	50	17.41	17.52	17.46		
20	64QAM	100	0	17.49	17.48	17.40		
20	256QAM	1	0	15.38	15.44	15.47	16.5	3
20	256QAM	1	49	15.46	15.50	15.51		
20	256QAM	1	99	15.40	15.47	15.42		
20	256QAM	50	0	15.45	15.49	15.41	16.5	3
20	256QAM	50	24	15.40	15.50	15.44		
20	256QAM	50	50	15.48	15.44	15.50		
20	256QAM	100	0	15.47	15.48	15.42		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.37	18.43	18.38	19.5	0
15	QPSK	1	37	18.35	18.39	18.32		
15	QPSK	1	74	18.29	18.44	18.33		
15	QPSK	36	0	18.31	18.39	18.34	19.5	0
15	QPSK	36	20	18.35	18.44	18.39		
15	QPSK	36	39	18.39	18.41	18.33		
15	QPSK	75	0	18.34	18.44	18.39		
15	16QAM	1	0	18.35	18.39	18.37	19.5	0
15	16QAM	1	37	18.34	18.41	18.32		
15	16QAM	1	74	18.38	18.35	18.40		
15	16QAM	36	0	18.34	18.34	18.35	19.5	0
15	16QAM	36	20	18.39	18.33	18.40		
15	16QAM	36	39	18.40	18.45	18.38		
15	16QAM	75	0	18.38	18.40	18.32		
15	64QAM	1	0	18.28	18.36	18.33	19.5	0
15	64QAM	1	37	18.32	18.36	18.30		
15	64QAM	1	74	18.35	18.39	18.32		
15	64QAM	36	0	17.33	17.40	17.38	18.5	1
15	64QAM	36	20	17.33	17.34	17.32		
15	64QAM	36	39	17.37	17.42	17.38		
15	64QAM	75	0	17.38	17.41	17.40		
15	256QAM	1	0	15.36	15.34	15.35	16.5	3
15	256QAM	1	37	15.35	15.36	15.30		
15	256QAM	1	74	15.32	15.40	15.38		
15	256QAM	36	0	15.40	15.45	15.36	16.5	3
15	256QAM	36	20	15.39	15.44	15.31		
15	256QAM	36	39	15.39	15.38	15.31		
15	256QAM	75	0	15.38	15.37	15.32		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.30	18.44	18.35	19.5	0
10	QPSK	1	25	18.29	18.45	18.40		
10	QPSK	1	49	18.31	18.41	18.29		
10	QPSK	25	0	18.35	18.34	18.35	19.5	0
10	QPSK	25	12	18.29	18.41	18.36		
10	QPSK	25	25	18.37	18.35	18.40		
10	QPSK	50	0	18.31	18.34	18.35		
10	16QAM	1	0	18.36	18.35	18.31	19.5	0
10	16QAM	1	25	18.39	18.41	18.34		
10	16QAM	1	49	18.36	18.44	18.37		
10	16QAM	25	0	18.33	18.42	18.39	19.5	0
10	16QAM	25	12	18.30	18.35	18.38		
10	16QAM	25	25	18.29	18.34	18.35		
10	16QAM	50	0	18.29	18.36	18.29		
10	64QAM	1	0	18.40	18.43	18.36	19.5	0
10	64QAM	1	25	18.29	18.38	18.30		
10	64QAM	1	49	18.37	18.42	18.39		
10	64QAM	25	0	17.29	17.41	17.37	18.5	1
10	64QAM	25	12	17.30	17.39	17.31		
10	64QAM	25	25	17.30	17.34	17.32		
10	64QAM	50	0	17.33	17.37	17.34		
10	256QAM	1	0	15.40	15.41	15.32	16.5	3
10	256QAM	1	25	15.39	15.40	15.30		
10	256QAM	1	49	15.30	15.37	15.31		
10	256QAM	25	0	15.38	15.37	15.39	16.5	3
10	256QAM	25	12	15.38	15.42	15.37		
10	256QAM	25	25	15.39	15.37	15.39		
10	256QAM	50	0	15.38	15.42	15.31		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.28	18.35	18.30	19.5	0
5	QPSK	1	12	18.38	18.43	18.38		
5	QPSK	1	24	18.35	18.35	18.33		
5	QPSK	12	0	18.30	18.38	18.37	19.5	0
5	QPSK	12	7	18.37	18.45	18.41		
5	QPSK	12	13	18.32	18.42	18.34		
5	QPSK	25	0	18.29	18.37	18.38		
5	16QAM	1	0	18.40	18.37	18.37	19.5	0
5	16QAM	1	12	18.37	18.39	18.30		
5	16QAM	1	24	18.29	18.39	18.32		
5	16QAM	12	0	18.29	18.35	18.31	19.5	0
5	16QAM	12	7	18.30	18.39	18.30		
5	16QAM	12	13	18.33	18.43	18.33		
5	16QAM	25	0	18.29	18.41	18.33		
5	64QAM	1	0	18.37	18.44	18.29	19.5	0
5	64QAM	1	12	18.35	18.39	18.32		
5	64QAM	1	24	18.38	18.40	18.30		
5	64QAM	12	0	17.38	17.43	17.39	18.5	1
5	64QAM	12	7	17.28	17.38	17.35		
5	64QAM	12	13	17.39	17.34	17.34		
5	64QAM	25	0	17.38	17.36	17.37		
5	256QAM	1	0	15.40	15.45	15.35	16.5	3
5	256QAM	1	12	15.29	15.43	15.38		
5	256QAM	1	24	15.31	15.33	15.34		
5	256QAM	12	0	15.38	15.36	15.33	16.5	3
5	256QAM	12	7	15.38	15.38	15.40		
5	256QAM	12	13	15.38	15.33	15.39		
5	256QAM	25	0	15.37	15.35	15.41		
Channel				131957	132322	132687	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.39	18.33	18.29	19.5	0
3	QPSK	1	8	18.32	18.41	18.36		
3	QPSK	1	14	18.29	18.45	18.41		
3	QPSK	8	0	18.35	18.42	18.29	19.5	0
3	QPSK	8	4	18.39	18.40	18.33		
3	QPSK	8	7	18.35	18.35	18.31		
3	QPSK	15	0	18.36	18.36	18.37		
3	16QAM	1	0	18.29	18.33	18.37	19.5	0
3	16QAM	1	8	18.35	18.43	18.32		
3	16QAM	1	14	18.30	18.42	18.36		
3	16QAM	8	0	18.38	18.36	18.31	19.5	0
3	16QAM	8	4	18.37	18.37	18.31		
3	16QAM	8	7	18.32	18.39	18.36		
3	16QAM	15	0	18.36	18.34	18.33		
3	64QAM	1	0	18.31	18.36	18.37	19.5	0
3	64QAM	1	8	18.29	18.41	18.37		
3	64QAM	1	14	18.32	18.37	18.31		
3	64QAM	8	0	17.34	17.43	17.30	18.5	1
3	64QAM	8	4	17.29	17.43	17.30		
3	64QAM	8	7	17.29	17.40	17.36		
3	64QAM	15	0	17.35	17.34	17.30		
3	256QAM	1	0	15.33	15.38	15.29	16.5	3
3	256QAM	1	8	15.38	15.37	15.33		
3	256QAM	1	14	15.30	15.45	15.32		
3	256QAM	8	0	15.38	15.37	15.30	16.5	3
3	256QAM	8	4	15.30	15.37	15.31		
3	256QAM	8	7	15.38	15.39	15.40		
3	256QAM	15	0	15.32	15.34	15.41		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.30	18.44	18.36	19.5	0
1.4	QPSK	1	3	18.31	18.37	18.30		
1.4	QPSK	1	5	18.36	18.43	18.38		
1.4	QPSK	3	0	18.38	18.38	18.37		
1.4	QPSK	3	1	18.36	18.40	18.40		
1.4	QPSK	3	3	18.32	18.44	18.34		
1.4	QPSK	6	0	18.34	18.40	18.35	19.5	0
1.4	16QAM	1	0	18.36	18.40	18.38	19.5	0
1.4	16QAM	1	3	18.32	18.38	18.32		
1.4	16QAM	1	5	18.36	18.38	18.41		
1.4	16QAM	3	0	18.32	18.36

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.15	20.17	20.14	21.2	0
20	QPSK	1	49	20.12	20.15	20.06		
20	QPSK	1	99	20.11	20.09	20.10		
20	QPSK	50	0	20.11	20.15	20.13	21.2	0
20	QPSK	50	24	20.06	20.11	20.02		
20	QPSK	50	50	20.09	20.12	20.10		
20	QPSK	100	0	20.12	20.14	20.09		
20	16QAM	1	0	20.13	20.15	20.05	21.2	0
20	16QAM	1	49	20.05	20.16	20.10		
20	16QAM	1	99	20.03	20.10	20.02		
20	16QAM	50	0	19.58	19.60	19.58	21	0.2
20	16QAM	50	24	19.60	19.68	19.57		
20	16QAM	50	50	19.64	19.61	19.54		
20	16QAM	100	0	19.60	19.61	19.53		
20	64QAM	1	0	19.54	19.65	19.50	21	0.2
20	64QAM	1	49	19.59	19.61	19.52		
20	64QAM	1	99	19.65	19.69	19.52		
20	64QAM	50	0	18.54	18.61	18.58	20	1.2
20	64QAM	50	24	18.63	18.63	18.60		
20	64QAM	50	50	18.54	18.65	18.61		
20	64QAM	100	0	18.61	18.68	18.55		
20	256QAM	1	0	16.63	16.68	16.59	18	3.2
20	256QAM	1	49	16.63	16.59	16.52		
20	256QAM	1	99	16.55	16.58	16.52		
20	256QAM	50	0	16.59	16.59	16.53	18	3.2
20	256QAM	50	24	16.61	16.66	16.53		
20	256QAM	50	50	16.57	16.65	16.58		
20	256QAM	100	0	16.63	16.61	16.54		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.05	20.05	19.99	21.2	0
15	QPSK	1	37	19.99	20.02	19.97		
15	QPSK	1	74	20.04	20.10	19.99		
15	QPSK	36	0	20.09	20.13	20.00	21.2	0
15	QPSK	36	20	20.00	20.04	19.96		
15	QPSK	36	39	19.99	20.05	20.03		
15	QPSK	75	0	19.99	20.13	19.96		
15	16QAM	1	0	20.04	20.03	19.99	21.2	0
15	16QAM	1	37	20.03	20.07	20.03		
15	16QAM	1	74	20.08	20.08	19.99		
15	16QAM	36	0	19.52	19.54	19.51	21	0.2
15	16QAM	36	20	19.52	19.52	19.46		
15	16QAM	36	39	19.48	19.53	19.54		
15	16QAM	75	0	19.49	19.60	19.50		
15	64QAM	1	0	19.50	19.64	19.50	21	0.2
15	64QAM	1	37	19.56	19.56	19.47		
15	64QAM	1	74	19.50	19.57	19.51		
15	64QAM	36	0	18.57	18.55	18.53	20	1.2
15	64QAM	36	20	18.59	18.64	18.47		
15	64QAM	36	39	18.53	18.57	18.48		
15	64QAM	75	0	18.58	18.59	18.45		
15	256QAM	1	0	16.60	16.61	16.47	18	3.2
15	256QAM	1	37	16.57	16.53	16.50		
15	256QAM	1	74	16.58	16.54	16.49		
15	256QAM	36	0	16.52	16.54	16.48	18	3.2
15	256QAM	36	20	16.56	16.59	16.50		
15	256QAM	36	39	16.59	16.54	16.47		
15	256QAM	75	0	16.58	16.53	16.50		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.02	20.03	19.97	21.2	0
10	QPSK	1	25	20.01	20.06	20.01		
10	QPSK	1	49	20.07	20.12	20.02		
10	QPSK	25	0	19.98	20.10	19.95	21.2	0
10	QPSK	25	12	20.02	20.13	19.94		
10	QPSK	25	25	20.00	20.04	19.94		
10	QPSK	50	0	20.09	20.04	20.04		
10	16QAM	1	0	20.01	20.13	19.97	21.2	0
10	16QAM	1	25	20.08	20.12	19.97		
10	16QAM	1	49	20.00	20.11	20.02		
10	16QAM	25	0	19.58	19.60	19.48	21	0.2
10	16QAM	25	12	19.49	19.57	19.55		
10	16QAM	25	25	19.56	19.56	19.49		
10	16QAM	50	0	19.49	19.59	19.46		
10	64QAM	1	0	19.51	19.60	19.49	21	0.2
10	64QAM	1	25	19.51	19.56	19.50		
10	64QAM	1	49	19.59	19.61	19.46		
10	64QAM	25	0	18.57	18.62	18.52	20	1.2
10	64QAM	25	12	18.52	18.62	18.50		
10	64QAM	25	25	18.54	18.56	18.45		
10	64QAM	50	0	18.50	18.62	18.53		
10	256QAM	1	0	16.58	16.57	16.48	18	3.2
10	256QAM	1	25	16.54	16.55	16.52		
10	256QAM	1	49	16.52	16.56	16.49		
10	256QAM	25	0	16.55	16.58	16.55	18	3.2
10	256QAM	25	12	16.59	16.55	16.53		
10	256QAM	25	25	16.55	16.57	16.50		
10	256QAM	50	0	16.52	16.56	16.45		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.04	20.12	20.04	21.2	0
5	QPSK	1	12	19.99	20.09	20.02		
5	QPSK	1	24	19.99	20.10	19.95		
5	QPSK	12	0	20.03	20.13	19.97	21.2	0
5	QPSK	12	7	20.03	20.03	19.99		
5	QPSK	12	13	19.99	20.11	19.97		
5	QPSK	25	0	20.00	20.04	20.03		
5	16QAM	1	0	20.01	20.07	20.05	21.2	0
5	16QAM	1	12	20.07	20.03	20.00		
5	16QAM	1	24	20.04	20.06	20.00		
5	16QAM	12	0	19.57	19.62	19.46	21	0.2
5	16QAM	12	7	19.49	19.61	19.52		
5	16QAM	12	13	19.54	19.58	19.54		
5	16QAM	25	0	19.58	19.63	19.52		
5	64QAM	1	0	19.51	19.60	19.52	21	0.2
5	64QAM	1	12	19.56	19.63	19.48		
5	64QAM	1	24	19.59	19.56	19.45		
5	64QAM	12	0	18.53	18.57	18.51	20	1.2
5	64QAM	12	7	18.60	18.53	18.45		
5	64QAM	12	13	18.49	18.56	18.46		
5	64QAM	25	0	18.53	18.54	18.49		
5	256QAM	1	0	16.59	16.53	16.44	18	3.2
5	256QAM	1	12	16.56	16.63	16.47		
5	256QAM	1	24	16.50	16.55	16.54		
5	256QAM	12	0	16.50	16.61	16.48	18	3.2
5	256QAM	12	7	16.54	16.55	16.44		
5	256QAM	12	13	16.58	16.55	16.46		
5	256QAM	25	0	16.50	16.53	16.50		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.24	20.23	20.26	20.20	20.18	21.2	0
20	QPSK	1	49	20.07	20.11	20.19	20.15	20.15		
20	QPSK	1	99	20.16	20.18	20.25	20.22	20.05		
20	QPSK	50	0	20.08	20.15	20.25	20.19	20.06	21.2	0
20	QPSK	50	24	20.17	20.19	20.18	20.21	20.07		
20	QPSK	50	50	20.18	20.18	20.23	20.18	20.16		
20	QPSK	100	0	20.10	20.18	20.22	20.18	20.15		
20	16QAM	1	0	20.18	20.13	20.15	20.12	20.10	21.2	0
20	16QAM	1	49	20.11	20.14	20.18	20.17	20.15		
20	16QAM	1	99	20.08	20.14	20.18	20.20	20.11		
20	16QAM	50	0	19.58	19.62	19.75	19.65	19.65	21	0.2
20	16QAM	50	24	19.59	19.67	19.66	19.64	19.60		
20	16QAM	50	50	19.57	19.59	19.72	19.69	19.58		
20	16QAM	100	0	19.58	19.59	19.71	19.65	19.66		
20	64QAM	1	0	19.64	19.68	19.64	19.70	19.61	21	0.2
20	64QAM	1	49	19.67	19.64	19.68	19.63	19.62		
20	64QAM	1	99	19.61	19.67	19.70	19.63	19.60		
20	64QAM	50	0	18.60	18.59	18.71	18.68	18.65	20	1.2
20	64QAM	50	24	18.64	18.63	18.74	18.70	18.60		
20	64QAM	50	50	18.68	18.69	18.66	18.62	18.60		
20	64QAM	100	0	18.59	18.61	18.65	18.62	18.63		
20	256QAM	1	0	16.62	16.60	16.65	16.69	16.62	18	3.2
20	256QAM	1	49	16.61	16.66	16.66	16.62	16.63		
20	256QAM	1	99	16.59	16.62	16.75	16.62	16.59		
20	256QAM	50	0	16.68	16.70	16.74	16.70	16.57	18	3.2
20	256QAM	50	24	16.65	16.60	16.75	16.62	16.66		
20	256QAM	50	50	16.63	16.65	16.68	16.62	16.61		
20	256QAM	100	0	16.59	16.62	16.73	16.72	16.61		
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	20.08	20.14	20.14	20.13	20.09	21	0
15	QPSK	1	37	20.06	20.11	20.16	20.08	20.01		
15	QPSK	1	74	20.10	20.13	20.14	20.08	20.12		
15	QPSK	36	0	20.12	20.06	20.17	20.11	20.05	21.2	0
15	QPSK	36	20	20.06	20.05	20.20	20.17	20.05		
15	QPSK	36	39	20.09	20.11	20.17	20.12	20.08		
15	QPSK	75	0	20.09	20.13	20.12	20.11	20.08		
15	16QAM	1	0	20.05	20.12	20.11	20.18	20.04	21.2	0
15	16QAM	1	37	20.05	20.14	20.10	20.07	20.12		
15	16QAM	1	74	20.08	20.11	20.20	20.18	20.06		
15	16QAM	36	0	19.55	19.57	19.60	19.66	19.60	21	0.2
15	16QAM	36	20	19.53	19.54	19.62	19.63	19.55		
15	16QAM	36	39	19.63	19.63	19.65	19.58	19.60		
15	16QAM	75	0	19.64	19.58	19.66	19.61	19.54		
15	64QAM	1	0	19.63	19.63	19.65	19.61	19.57	21	0.2
15	64QAM	1	37	19.62	19.62	19.61	19.62	19.58		
15	64QAM	1	74	19.52	19.60	19.65	19.58	19.55		
15	64QAM	36	0	18.61	18.65	18.69	18.66	18.54	20	1.2
15	64QAM	36	20	18.59	18.64	18.61	18.60	18.52		
15	64QAM	36	39	18.58	18.53	18.67	18.62	18.52		
15	64QAM	75	0	18.58	18.60	18.69	18.68	18.57		
15	256QAM	1	0	16.58	16.58	16.69	16.60	16.51	18	3.2
15	256QAM	1	37	16.61	16.55	16.62	16.64	16.60		
15	256QAM	1	74	16.60	16.65	16.67	16.61	16.56		
15	256QAM	36	0	16.57	16.61	16.61	16.62	16.57	18	3.2
15	256QAM	36	20	16.56	16.64	16.65	16.58	16.57		
15	256QAM	36	39	16.55	16.59	16.67	16.62	16.51		
15	256QAM	75	0	16.60	16.54	16.63	16.66	16.58		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.10	20.08	20.21	20.10	20.11	21	0
10	QPSK	1	25	20.05	20.07	20.10	20.12	20.00		
10	QPSK	1	49	20.11	20.03	20.17	20.08	20.01		
10	QPSK	25	0	20.03	20.11	20.19	20.12	20.09	21.2	0
10	QPSK	25	12	20.08	20.12	20.11	20.17	20.03		
10	QPSK	25	25	20.08	20.04	20.18	20.17	20.04		
10	QPSK	50	0	20.06	20.09	20.12	20.15	20.05		
10	16QAM	1	0	20.05	20.12	20.19	20.13	20.01	21.2	0
10	16QAM	1	25	20.06	20.15	20.18	20.09	20.06		
10	16QAM	1	49	20.10	20.10	20.12	20.08	20.00		
10	16QAM	25	0	19.62	19.59	19.63	19.60	19.51	21	0.2
10	16QAM	25	12	19.62	19.65	19.64	19.60	19.50		
10	16QAM	25	25	19.58	19.60	19.70	19.68	19.57		
10	16QAM	50	0	19.64	19.54	19.64	19.60	19.61		
10	64QAM	1	0	19.54	19.63	19.66	19.63	19.55	21	0.2
10	64QAM	1	25	19.55	19.59	19.60	19.57	19.58		
10	64QAM	1	49	19.63	19.58	19.66	19.66	19.61		
10	64QAM	25	0	18.56	18.56	18.67	18.60	18.60	20	1.2
10	64QAM	25	12	18.54	18.55	18.70	18.63	18.52		
10	64QAM	25	25	18.57	18.63	18.64	18.63	18.58		
10	64QAM	50	0	18.52	18.57	18.63	18.64	18.62		
10	256QAM	1	0	16.63	16.59	16.66	16.65	16.51	18	3.2
10	256QAM	1	25	16.57	16.63	16.64	16.60	16.57		
10	256QAM	1	49	16.60	16.54	16.69	16.60	16.58		
10	256QAM	25	0	16.56	16.59	16.67	16.57	16.59	18	3.2
10	256QAM	25	12	16.54	16.58	16.62	16.65	16.62		
10	256QAM	25	25	16.63	16.65	16.62	16.63	16.58		
10	256QAM	50	0	16.55	16.54	16.59	16.56	16.58		
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	20.04	20.08	20.20	20.17	20.04	21	0
5	QPSK	1	12	20.06	20.14	20.17	20.12	20.02		
5	QPSK	1	24	20.06	20.12	20.16	20.18	20.04		
5	QPSK	12	0	20.07	20.13	20.13	20.09	20.04	21.2	0
5	QPSK	12	7	20.05	20.12	20.10	20.12	20.10		
5	QPSK	12	13	20.12	20.14	20.16	20.13	20.04		
5	QPSK	25	0	20.07	20.14	20.11	20.08	20.02		
5	16QAM	1	0	20.08	20.08	20.15	20.11	20.10	21.2	0
5	16QAM	1	12	20.05	20.07	20.19	20.11	20.01		
5	16QAM	1	24	20.08	20.03	20.12	20.18	20.12		
5	16QAM	12	0	19.61	19.57	19.70	19.60	19.51	21	0.2
5	16QAM	12	7	19.55	19.57	19.66	19.61	19.60		
5	16QAM	12	13	19.55	19.59	19.69	19.65	19.52		
5	16QAM	25	0	19.58	19.58	19.70	19.56	19.53		
5	64QAM	1	0	19.53	19.56	19.61	19.64	19.52	21	0.2
5	64QAM	1	12	19.60	19.62	19.63	19.68	19.53		
5	64QAM	1	24	19.55	19.63	19.65	19.62	19.56		
5	64QAM	12	0	18.58	18.55	18.59	18.61	18.52	20	1.2
5	64QAM	12	7	18.62	18.54	18.64	18.57	18.53		
5	64QAM	12	13	18.59	18.64	18.69	18.56	18.50		
5	64QAM	25	0	18.56	18.54	18.64	18.66	18.57		
5	256QAM	1	0	16.52	16.54	16.68	16.59	16.60	18	3.2
5	256QAM	1	12	16.54	16.63	16.67	16.58	16.58		
5	256QAM	1	24	16.57	16.64	16.69	16.65	16.51		
5	256QAM	12	0	16.60	16.54	16.62	16.67	16.60	18	3.2
5	256QAM	12	7	16.53	16.64	16.68	16.57	16.60		
5	256QAM	12	13	16.54	16.58	16.65	16.65	16.56		
5	256QAM	25	0	16.60	16.57	16.69	16.58	16.54		

GSM1900 Ant2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.86	28.73	28.55	30.50	19.86	19.73	19.55	21.50
GPRS 1 Tx slot	28.85	28.72	28.54	30.50	19.85	19.72	19.54	21.50
GPRS 2 Tx slots	28.08	27.95	27.82	29.00	22.08	21.95	21.82	23.00
GPRS 3 Tx slots	26.31	26.34	26.25	27.50	22.05	22.08	21.99	23.24
GPRS 4 Tx slots	25.24	25.16	25.06	26.00	22.24	22.16	22.06	23.00
EDGE 1 Tx slot	24.40	24.61	24.81	25.50	15.40	15.61	15.81	16.50
EDGE 2 Tx slots	23.32	23.48	23.73	24.50	17.32	17.48	17.73	18.50
EDGE 3 Tx slots	21.27	21.44	21.67	22.50	17.01	17.18	17.41	18.24
EDGE 4 Tx slots	20.15	20.20	20.28	21.00	17.15	17.20	17.28	18.00

Band		WCDMA II Ant2			Tune-up Limit (dBm)	WCDMA IV Ant2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.65	22.54	22.51	24.00	22.67	22.74	22.61	24.00
3GPP Rel 99	RMC 12.2Kbps	22.63	22.68	22.66	24.00	22.73	22.78	22.75	24.00
3GPP Rel 6	HSDPA Subtest-1	21.63	21.66	21.61	23.00	21.76	21.74	21.70	23.00
3GPP Rel 6	HSDPA Subtest-2	21.62	21.70	21.59	23.00	21.72	21.80	21.73	23.00
3GPP Rel 6	HSDPA Subtest-3	21.16	21.22	20.94	22.50	21.20	21.34	21.04	22.50
3GPP Rel 6	HSDPA Subtest-4	21.24	21.22	20.98	22.50	21.38	21.30	21.05	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.58	21.70	21.53	23.00	21.79	21.86	21.67	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.72	21.63	21.54	23.00	21.77	21.65	21.57	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.14	21.19	21.11	22.50	21.28	21.24	21.21	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.17	21.20	21.14	22.50	21.24	21.33	21.26	22.50
3GPP Rel 6	HSUPA Subtest-1	21.60	21.55	21.52	23.00	21.78	21.65	21.60	23.00
3GPP Rel 6	HSUPA Subtest-2	19.65	19.63	19.47	21.00	19.77	19.68	19.53	21.00
3GPP Rel 6	HSUPA Subtest-3	20.77	20.65	20.59	22.00	20.83	20.78	20.75	22.00
3GPP Rel 6	HSUPA Subtest-4	19.73	19.59	19.66	21.00	19.90	19.73	19.74	21.00
3GPP Rel 6	HSUPA Subtest-5	21.64	21.65	21.62	23.00	21.71	21.82	21.73	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.28	19.32	19.27	20.50	19.42	19.38	19.38	20.50

Band 2 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.39	22.49	22.45	24	0
20	QPSK	1	49	22.36	22.45	22.34		
20	QPSK	1	99	22.37	22.43	22.34		
20	QPSK	50	0	21.38	21.42	21.34		
20	QPSK	50	24	21.30	21.30	21.27	23	1
20	QPSK	50	50	21.28	21.37	21.33		
20	16QAM	100	0	20.35	21.39	21.30		
20	16QAM	1	0	21.67	21.69	21.74		
20	16QAM	1	49	21.72	21.83	21.74	23	1
20	16QAM	1	99	21.72	21.74	21.61		
20	16QAM	50	0	20.32	20.43	20.30		
20	16QAM	50	24	20.31	20.38	20.34	22	2
20	16QAM	50	50	20.35	20.31	20.35		
20	16QAM	100	0	20.34	20.30	20.33		
20	64QAM	1	0	20.52	20.56	20.42		
20	64QAM	1	49	20.46	20.47	20.49	22	2
20	64QAM	1	99	20.44	20.53	20.55		
20	64QAM	50	0	19.39	19.30	19.36		
20	64QAM	50	24	19.27	19.40	19.43	21	3
20	64QAM	50	50	19.35	19.35	19.28		
20	64QAM	100	0	19.31	19.32	19.34		
20	256QAM	1	0	17.40	17.54	17.40		
20	256QAM	1	49	17.36	17.52	17.50	19	5
20	256QAM	1	99	17.44	17.48	17.38		
20	256QAM	50	0	17.43	17.44	17.43		
20	256QAM	50	24	17.36	17.46	17.38	19	5
20	256QAM	50	50	17.40	17.46	17.38		
20	256QAM	100	0	17.43	17.47	17.40		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.44	22.42	22.43	24	0
15	QPSK	1	37	22.34	22.45	22.40		
15	QPSK	1	74	22.39	22.43	22.33		
15	QPSK	36	0	21.30	21.42	21.25		
15	QPSK	36	20	21.32	21.36	21.25	23	1
15	QPSK	36	39	21.32	21.38	21.33		
15	QPSK	75	0	21.28	21.41	21.34		
15	16QAM	1	0	21.57	21.74	21.71		
15	16QAM	1	37	21.68	21.77	21.68	23	1
15	16QAM	1	74	21.79	21.77	21.62		
15	16QAM	36	0	20.29	20.41	20.35		
15	16QAM	36	20	20.35	20.28	20.35	22	2
15	16QAM	36	39	20.37	20.32	20.35		
15	16QAM	75	0	20.40	20.35	20.31		
15	64QAM	1	0	20.52	20.48	20.45		
15	64QAM	1	37	20.51	20.51	20.49	22	2
15	64QAM	1	74	20.44	20.56	20.61		
15	64QAM	36	0	19.44	19.32	19.30		
15	64QAM	36	20	19.36	19.40	19.43	21	3
15	64QAM	36	39	19.27	19.40	19.37		
15	64QAM	75	0	19.28	19.28	19.38		
15	256QAM	1	0	17.47	17.53	17.45		
15	256QAM	1	37	17.47	17.52	17.46	19	5
15	256QAM	1	74	17.42	17.48	17.40		
15	256QAM	36	0	17.46	17.50	17.46		
15	256QAM	36	20	17.42	17.45	17.42	19	5
15	256QAM	36	39	17.42	17.46	17.46		
15	256QAM	75	0	17.44	17.38	17.38		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.38	22.45	22.37	24	0
10	QPSK	1	25	22.37	22.39	22.39		
10	QPSK	1	49	22.36	22.39	22.34		
10	QPSK	25	0	21.27	21.43	21.33		
10	QPSK	25	12	21.29	21.37	21.29	23	1
10	QPSK	25	25	21.26	21.34	21.23		
10	QPSK	50	0	21.32	21.38	21.31		
10	16QAM	1	0	21.65	21.73	21.68		
10	16QAM	1	25	21.73	21.85	21.64	23	1
10	16QAM	1	49	21.71	21.75	21.56		
10	16QAM	25	0	20.25	20.43	20.27		
10	16QAM	25	12	20.31	20.35	20.33	22	2
10	16QAM	25	25	20.29	20.38	20.34		
10	16QAM	50	0	20.34	20.31	20.28		
10	64QAM	1	0	20.51	20.57	20.41		
10	64QAM	1	25	20.42	20.52	20.46	22	2
10	64QAM	1	49	20.34	20.59	20.52		
10	64QAM	25	0	19.38	19.37	19.34		
10	64QAM	25	12	19.31	19.41	19.37	21	3
10	64QAM	25	25	19.25	19.35	19.27		
10	64QAM	50	0	19.32	19.26	19.40		
10	256QAM	1	0	17.46	17.46	17.38		
10	256QAM	1	25	17.35	17.46	17.45	19	5
10	256QAM	1	49	17.46	17.40	17.41		
10	256QAM	25	0	17.42	17.49	17.37		
10	256QAM	25	12	17.46	17.46	17.43	19	5
10	256QAM	25	25	17.46	17.40	17.39		
10	256QAM	50	0	17.43	17.39	17.35		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.39	22.46	22.42	24	0
5	QPSK	1	12	22.40	22.46	22.38		
5	QPSK	1	24	22.31	22.41	22.39		
5	QPSK	12	0	21.30	21.35	21.30		
5	QPSK	12	7	21.38	21.34	21.32	23	1
5	QPSK	12	13	21.29	21.30	21.34		
5	QPSK	25	0	21.31	21.32	21.33		
5	16QAM	1	0	21.63	21.74	21.78		
5	16QAM	1	12	21.63	21.75	21.67	23	1
5	16QAM	1	24	21.81	21.71	21.58		
5	16QAM	12	0	20.25	20.35	20.36		
5	16QAM	12	7	20.26	20.33	20.29	22	2
5	16QAM	12	13	20.37	20.28	20.30		
5	16QAM	25	0	20.39	20.32	20.36		
5	64QAM	1	0	20.52	20.56	20.49		
5	64QAM	1	12	20.47	20.46	20.48	22	2
5	64QAM	1	24	20.42	20.55	20.52		
5	64QAM	12	0	19.44	19.31	19.31		
5	64QAM	12	7	19.31	19.44	19.33	21	3
5	64QAM	12	13	19.31	19.37	19.33		
5	64QAM	25	0	19.28	19.28	19.41		
5	256QAM	1	0	17.41	17.49	17.39		
5	256QAM	1	12	17.36	17.46	17.48	19	5
5	256QAM	1	24	17.47	17.40	17.38		
5	256QAM	12	0	17.42	17.46	17.44		
5	256QAM	12	7	17.42	17.45	17.42	19	5
5	256QAM	12	13	17.45	17.40	17.37		
5	256QAM	25	0	17.35	17.42	17.37		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.39	22.43	22.44	24	0
3	QPSK	1	8	22.38	22.46	22.35		
3	QPSK	1	14	22.41	22.43	22.39		
3	QPSK	8	0	21.34	21.39	21.28		
3	QPSK	8	4	21.37	21.38	21.23	23	1
3	QPSK	8	7	21.27	21.28	21.27		
3	QPSK	15	0	21.29	21.31	21.34		
3	16QAM	1	0	21.60	21.68	21.73		
3	16QAM	1	8	21.68	21.80	21.75	23	1
3	16QAM	1	14	21.74	21.77	21.66		
3	16QAM	8	0	20.24	20.38	20.31		
3	16QAM	8	4	20.33	20.34	20.27	22	2
3	16QAM	8	7	20.35	20.38	20.36		
3	16QAM	15	0	20.34	20.39	20.32		
3	64QAM	1	0	20.44	20.50	20.52		
3	64QAM	1	8	20.44	20.53	20.49	22	2
3	64QAM	1	14	20.42	20.64	20.53		
3	64QAM	8	0	19.35	19.37	19.30		
3	64QAM	8	4	19.32	19.37	19.35	21	3
3	64QAM	8	7	19.30	19.36	19.34		
3	64QAM	15	0	19.30	19.31	19.34		
3	256QAM	1	0	17.45	17.53	17.42		
3	256QAM	1	8	17.38	17.43	17.42	19	5
3	256QAM	1	14	17.39	17.48	17.36		
3	256QAM	8	0	17.36	17.41	17.37		
3	256QAM	8	4	17.45	17.42	17.41	19	5
3	256QAM	8	7	17.35	17.50	17.43		
3	256QAM	15	0	17.40	17.37	17.37		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.30	22.44	22.29	24	0
1.4	QPSK	1	3	22.27	22.33	22.36		
1.4	QPSK	1	5	22.27	22.33	22.34		
1.4	QPSK	3	0	22.30	22.44	22.28		
1.4	QPSK	3	1	22.29	22.33	22.29		
1.4	QPSK	3	3	22.28	22.40	22.33		
1.4	QPSK	6	0	21.29	21.31	21.24	23	1
1.4	16QAM	1	0	21.30	21.33	21.28		
1.4	16QAM	1	3	21.29	21.33	21.31		
1.4	16QAM	1	5	21.24	21.32	21.22	23	1
1.4	16QAM	3	0	21.53	21.64	21.66		
1.4	16QAM	3	1	21.64	21.69	21.62		
1.4	16QAM	3	3	21.70	21.70	21.57		
1.4	16QAM	6	0	20.26	20.29	20.23	22	2
1.4	64QAM	1	0	20.30	20.30	20.20		
1.4	64QAM	1	3	20.31	20.26	20.21		
1.4	64QAM	1	5	20.29	20.24	20.20	22	2
1.4	64QAM	3	0	20.48	20.45	20.35		
1.4	64QAM	3	1	20.42	20.39	20.34		
1.4	64QAM	3	3	20.32	20.48	20.46		
1.4	64QAM	6	0	19.20	19.29	19.30	21	3
1.4	256QAM	1	0	17.34	17.39	17.38		
1.4	256QAM	1	3	17.33	17.39	17.35		
1.4	256QAM	1	5	17.40	17.36	17.36	19	5
1.4	256QAM	3	0	17.34	17.40	17.40		
1.4	256QAM	3	1	17.33	17.41	17.33		
1.4	256QAM	3	3	17.39	17.42	17.30		
1.4	256QAM	6	0	17.38	17.35	17.30	19	5

Band 4 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.37	22.45	22.44	24	0
20	QPSK	1	49	22.42	22.40	22.39		
20	QPSK	1	99	22.37	22.38	22.33		
20	QPSK	50	0	21.38	21.43	21.36		
20	QPSK	50	24	21.32	21.38	21.30	23	1
20	QPSK	50	50	21.30	21.38	21.27		
20	16QAM	100	0	21.36	21.41	21.35		
20	16QAM	1	0	21.57	21.71	21.71		
20	16QAM	1	49	21.66	21.80	21.66	23	1
20	16QAM	1	99	21.79	21.74	21.56		
20	16QAM	50	0	20.21	20.38	20.26		
20	16QAM	50	24	20.30	20.34	20.27	22	2
20	16QAM	50	50	20.39	20.30	20.29		
20	16QAM	100	0	20.35	20.38	20.27		
20	64QAM	1	0	20.46	20.54	20.50		
20	64QAM	1	49	20.47	20.53	20.42	22	2
20	64QAM	1	99	20.44	20.60	20.57		
20	64QAM	50	0	19.44	19.30	19.35		
20	64QAM	50	24	19.31	19.37	19.34	21	3
20	64QAM	50	50	19.35	19.38	19.32		
20	64QAM	100	0	19.30	19.25	19.40		
20	256QAM	1	0	17.39	17.42	17.44		
20	256QAM	1	49	17.45	17.45	17.43	19	5
20	256QAM	1	99	17.45	17.38	17.45		
20	256QAM	50	0	17.38	17.44	17.44		
20	256QAM	50	24	17.45	17.46	17.44	19	5
20	256QAM	50	50	17.47	17.47	17.44		
20	256QAM	100	0	17.41	17.39	17.45		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.34	22.40	22.35	24	0
15	QPSK	1	37	22.34	22.35	22.32		
15	QPSK	1	74	22.35	22.36	22.29		
15	QPSK	36	0	21.22	21.34	21.22		
15	QPSK	36	20	21.32	21.27	21.24	23	1
15	QPSK	36	39	21.32	21.29	21.22		
15	QPSK	75	0	21.29	21.26	21.19		
15	16QAM	1	0	21.60	21.66	21.66		
15	16QAM	1	37	21.68	21.71	21.69	23	1
15	16QAM	1	74	21.75	21.74	21.57		
15	16QAM	36	0	20.23	20.31	20.22		
15	16QAM	36	20	20.22	20.26	20.31	22	2
15	16QAM	36	39	20.32	20.33	20.20		
15	16QAM	75	0	20.33	20.29	20.29		
15	64QAM	1	0	20.45	20.50	20.35		
15	64QAM	1	37	20.37	20.45	20.37	22	2
15	64QAM	1	74	20.33	20.57	20.46		
15	64QAM	36	0	19.35	19.32	19.25		
15	64QAM	36	20	19.26	19.33	19.36	21	3
15	64QAM	36	39	19.30	19.38	19.23		
15	64QAM	75	0	19.23	19.30	19.27		
15	256QAM	1	0	17.37	17.38	17.37		
15	256QAM	1	37	17.35	17.37	17.34	19	5
15	256QAM	1	74	17.32	17.39	17.36		
15	256QAM	36	0	17.35	17.36	17.39		
15	256QAM	36	20	17.38	17.37	17.38	19	5
15	256QAM	36	39	17.41	17.37	17.31		
15	256QAM	75	0	17.34	17.41	17.29		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.40	22.39	22.35	24	0
10	QPSK	1	25	22.37	22.40	22.32		
10	QPSK	1	49	22.32	22.34	22.37		
10	QPSK	25	0	21.25	21.36	21.33		
10	QPSK	25	12	21.32	21.24	21.24	23	1
10	QPSK	25	25	21.25	21.36	21.32		
10	QPSK	50	0	21.31	21.29	21.26		
10	16QAM	1	0	21.54	21.67	21.67		
10	16QAM	1	25	21.66	21.75	21.67	23	1
10	16QAM	1	49	21.73	21.72	21.55		
10	16QAM	25	0	20.25	20.38	20.30		
10	16QAM	25	12	20.20	20.30	20.20	22	2
10	16QAM	25	25	20.28	20.24	20.28		
10	16QAM	50	0	20.30	20.26	20.22		
10	64QAM	1	0	20.39	20.41	20.40		
10	64QAM	1	25	20.43	20.37	20.35	22	2
10	64QAM	1	49	20.34	20.54	20.44		
10	64QAM	25	0	19.35	19.39	19.29		
10	64QAM	25	12	19.25	19.39	19.30	21	3
10	64QAM	25	25	19.24	19.34	19.20		
10	64QAM	50	0	19.27	19.26	19.34		
10	256QAM	1	0	17.33	17.44	17.32		
10	256QAM	1	25	17.30	17.46	17.42	19	5
10	256QAM	1	49	17.41	17.38	17.40		
10	256QAM	25	0	17.37	17.36	17.40		
10	256QAM	25	12	17.30	17.40	17.40	19	5
10	256QAM	25	25	17.30	17.38	17.32		
10	256QAM	50	0	17.38	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	22.37	22.42	22.32	24	0
5	QPSK	1	12	22.31	22.37	22.33		
5	QPSK	1	24	22.32	22.33	22.27		
5	QPSK	12	0	21.25	21.27	21.30		
5	QPSK	12	7	21.27	21.27	21.25	23	1
5	QPSK	12	13	21.24	21.37	21.27		
5	QPSK	25	0	21.21	21.30	21.20		
5	16QAM	1	0	21.54	21.61	21.69		
5	16QAM	1	12	21.68	21.76	21.62	23	1
5	16QAM	1	24	21.66	21.70	21.59		
5	16QAM	12	0	20.17	20.31	20.19		
5	16QAM	12	7	20.24	20.26	20.19	22	2
5	16QAM	12	13	20.32	20.36	20.21		
5	16QAM	25	0	20.23	20.32	20.29		
5	64QAM	1	0	20.44	20.52	20.43		
5	64QAM	1	12	20.44	20.43	20.40	22	2
5	64QAM	1	24	20.32	20.56	20.55		
5	64QAM	12	0	19.33	19.31	19.22		
5	64QAM	12	7	19.20	19.34	19.28	21	3
5	64QAM	12	13	19.26	19.34	19.26		
5	64QAM	25	0	19.24	19.34	19.30		
5	256QAM	1	0	17.38	17.41	17.40		
5	256QAM	1	12	17.34	17.45	17.43	19	5
5	256QAM	1	24	17.35	17.41	17.32		
5	256QAM	12	0	17.31	17.41	17.37		
5	256QAM	12	7	17.30	17.33	17.41	19	5
5	256QAM	12	13	17.29	17.34	17.33		
5	256QAM	25	0	17.30	17.33	17.39		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.41	22.35	22.28	24	0
3	QPSK	1	8	22.29	22.35	22.31		
3	QPSK	1	14	22.25	22.34	22.30		
3	QPSK	8	0	21.27	21.35	21.27		
3	QPSK	8	4	21.28	21.26	21.29	23	1
3	QPSK	8	7	21.24	21.37	21.28		
3	QPSK	15	0	21.23	21.32	21.28		
3	16QAM	1	0	21.52	21.62	21.71		
3	16QAM	1	8	21.65	21.74	21.68	23	1
3	16QAM	1	14	21.70	21.71	21.60		
3	16QAM	8	0	20.23	20.28	20.29		
3	16QAM	8	4	20.30	20.35	20.21	22	2
3	16QAM	8	7	20.25	20.28	20.27		
3	16QAM	15	0	20.25	20.29	20.28		
3	64QAM	1	0	20.45	20.51	20.40		
3	64QAM	1	8	20.45	20.44	20.37	22	2
3	64QAM	1	14	20.32	20.55	20.48		
3	64QAM	8	0	19.38	19.33	19.26		
3	64QAM	8	4	19.20	19.40	19.31	21	3
3	64QAM	8	7	19.25	19.36	19.28		
3	64QAM	15	0	19.20	19.21	19.29		
3	256QAM	1	0	17.40	17.47	17.35		
3	256QAM	1	8	17.32	17.46	17.45	19	5
3	256QAM	1	14	17.33	17.32	17.39		
3	256QAM	8	0	17.34	17.32	17.36		
3	256QAM	8	4	17.36	17.39	17.34	19	5
3	256QAM	8	7	17.30	17.39	17.35		
3	256QAM	15	0	17.40	17.30	17.30		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.28	22.41	22.26	24	0
1.4	QPSK	1	3	22.31	22.28	22.31		
1.4	QPSK	1	5	22.23	22.27	22.28		
1.4	QPSK	3	0	22.33	22.39	22.33		
1.4	QPSK	3	1	22.27	22.31	22.31		
1.4	QPSK	3	3	22.30	22.35	22.35		
1.4	QPSK	6	0	21.28	21.36	21.19	23	1
1.4	16QAM	1	0	21.24	21.36	21.25		
1.4	16QAM	1	3	21.23	21.37	21.30		
1.4	16QAM	1	5	21.19	21.37	21.23	23	1
1.4	16QAM	3	0	21.54	21.68	21.66		
1.4	16QAM	3	1	21.69	21.65	21.66		
1.4	16QAM	3	3	21.69	21.75	21.55		
1.4	16QAM	6	0	20.23	20.25	20.22	22	2
1.4	64QAM	1	0	20.24	20.34	20.21		
1.4	64QAM	1	3	20.28	20.32	20.24		
1.4	64QAM	1	5	20.33	20.18	20.16	22	2
1.4	64QAM	3	0	20.50	20.50	20.35		
1.4	64QAM	3	1	20.41	20.43	20.38		
1.4	64QAM	3	3	20.31	20.50	20.45		
1.4	64QAM	6	0	19.17	19.28	19.25	21	3
1.4	256QAM	1	0	17.37	17.44	17.37		
1.4	256QAM	1	3	17.38	17.34	17.34		
1.4	256QAM	1	5	17.38	17.40	17.31	19	5
1.4	256QAM	3	0	17.32	17.42	17.43		
1.4	256QAM	3	1	17.31	17.44	17.29		
1.4	256QAM	3	3	17.35	17.37	17.34		
1.4	256QAM	6	0	17.38	17.34	17.34	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.57	22.67	22.63	24	0
20	QPSK	1	49	22.47	22.59	22.54		
20	QPSK	1	99	22.52	22.53	22.51		
20	QPSK	50	0	21.51	21.57	21.53		
20	QPSK	50	24	21.51	21.49	21.42	23	1
20	QPSK	50	50	21.53	21.53	21.47		
20	QPSK	100	0	21.47	21.45	21.50		
20	16QAM	1	0	21.76	21.85	21.83		
20	16QAM	1	49	21.86	21.96	21.77	23	1
20	16QAM	1	99	21.92	21.91	21.78		
20	16QAM	50	0	20.47	20.60	20.46		
20	16QAM	50	24	20.45	20.49	20.46	22	2
20	16QAM	50	50	20.46	20.54	20.49		
20	16QAM	100	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.37	22.46	22.38		
20	QPSK	1	49	22.43	22.40	22.33	24	0
20	QPSK	1	99	22.40	22.36	22.32		
20	QPSK	50	0	21.29	21.40	21.37		
20	QPSK	50	24	21.31	21.38	21.32	23	1
20	QPSK	50	50	21.29	21.39	21.28		
20	QPSK	100	0	21.28	21.37	21.32		
20	16QAM	1	0	21.60	21.66	21.74		
20	16QAM	1	49	21.72	21.82	21.67	23	1
20	16QAM	1	99	21.74	21.76	21.61		
20	16QAM	50	0	20.25	20.37	20.30		
20	16QAM	50	24	20.24	20.31	20.26	22	2
20	16QAM	50	50	20.27	20.28	20.27		
20	16QAM	100	0	20.31	20.34	20.29		
20	64QAM	1	0	20.51	20.57	20.47		
20	64QAM	1	49	20.40	20.43	20.44	22	2
20	64QAM	1	99	20.37	20.56	20.59		
20	64QAM	50	0	19.40	19.39	19.32		
20	64QAM	50	24	19.34	19.44	19.41	21	3
20	64QAM	50	50	19.32	19.35	19.28		
20	64QAM	100	0	19.30	19.26	19.40		
20	256QAM	1	0	17.44	17.41	17.34		
20	256QAM	1	49	17.40	17.46	17.41	19	5
20	256QAM	1	99	17.42	17.45	17.34		
20	256QAM	50	0	17.41	17.44	17.36		
20	256QAM	50	24	17.44	17.41	17.36	19	5
20	256QAM	50	50	17.44	17.44	17.45		
20	256QAM	100	0	17.41	17.46	17.43		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.37	22.45	22.35		
15	QPSK	1	37	22.32	22.41	22.36	24	0
15	QPSK	1	74	22.32	22.37	22.41		
15	QPSK	36	0	21.35	21.39	21.30		
15	QPSK	36	20	21.37	21.40	21.23	23	1
15	QPSK	36	39	21.29	21.36	21.37		
15	QPSK	75	0	21.29	21.38	21.31		
15	16QAM	1	0	21.66	21.73	21.66		
15	16QAM	1	37	21.72	21.76	21.68	23	1
15	16QAM	1	74	21.71	21.72	21.59		
15	16QAM	36	0	20.23	20.41	20.34		
15	16QAM	36	20	20.33	20.32	20.29	22	2
15	16QAM	36	39	20.28	20.34	20.23		
15	16QAM	75	0	20.32	20.31	20.33		
15	64QAM	1	0	20.50	20.48	20.44		
15	64QAM	1	37	20.42	20.46	20.41	22	2
15	64QAM	1	74	20.38	20.55	20.57		
15	64QAM	36	0	19.37	19.35	19.28		
15	64QAM	36	20	19.27	19.45	19.43	21	3
15	64QAM	36	39	19.30	19.33	19.26		
15	64QAM	75	0	19.31	19.25	19.43		
15	256QAM	1	0	17.46	17.47	17.38		
15	256QAM	1	37	17.43	17.44	17.42	19	5
15	256QAM	1	74	17.35	17.41	17.45		
15	256QAM	36	0	17.41	17.42	17.44		
15	256QAM	36	20	17.37	17.40	17.39	19	5
15	256QAM	36	39	17.35	17.41	17.42		
15	256QAM	75	0	17.36	17.43	17.46		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.42	22.42	22.36		
10	QPSK	1	25	22.38	22.42	22.39	24	0
10	QPSK	1	49	22.39	22.35	22.37		
10	QPSK	25	0	21.34	21.43	21.27		
10	QPSK	25	12	21.27	21.34	21.32	23	1
10	QPSK	25	25	21.35	21.34	21.37		
10	QPSK	50	0	21.29	21.36	21.33		
10	16QAM	1	0	21.63	21.76	21.71		
10	16QAM	1	25	21.70	21.74	21.68	23	1
10	16QAM	1	49	21.78	21.77	21.65		
10	16QAM	25	0	20.23	20.33	20.28		
10	16QAM	25	12	20.27	20.37	20.25	22	2
10	16QAM	25	25	20.31	20.33	20.25		
10	16QAM	50	0	20.29	20.38	20.30		
10	64QAM	1	0	20.52	20.57	20.49		
10	64QAM	1	25	20.51	20.46	20.44	22	2
10	64QAM	1	49	20.35	20.54	20.59		
10	64QAM	25	0	19.42	19.35	19.26		
10	64QAM	25	12	19.31	19.34	19.44	21	3
10	64QAM	25	25	19.24	19.41	19.29		
10	64QAM	50	0	19.33	19.35	19.34		
10	256QAM	1	0	17.41	17.47	17.36		
10	256QAM	1	25	17.41	17.44	17.48	19	5
10	256QAM	1	49	17.45	17.48	17.45		
10	256QAM	25	0	17.41	17.40	17.38		
10	256QAM	25	12	17.34	17.46	17.42	19	5
10	256QAM	25	25	17.37	17.40	17.35		
10	256QAM	50	0	17.44	17.45	17.36		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.40	22.43	22.36		
5	QPSK	1	12	22.34	22.42	22.37	24	0
5	QPSK	1	24	22.34	22.37	22.36		
5	QPSK	12	0	21.26	21.38	21.35		
5	QPSK	12	7	21.30	21.39	21.26	23	1
5	QPSK	12	13	21.34	21.41	21.31		
5	QPSK	25	0	21.24	21.39	21.35		
5	16QAM	1	0	21.57	21.66	21.75		
5	16QAM	1	12	21.72	21.81	21.71	23	1
5	16QAM	1	24	21.71	21.74	21.58		
5	16QAM	12	0	20.29	20.44	20.26		
5	16QAM	12	7	20.27	20.28	20.26	22	2
5	16QAM	12	13	20.33	20.28	20.34		
5	16QAM	25	0	20.32	20.32	20.24		
5	64QAM	1	0	20.48	20.49	20.45		
5	64QAM	1	12	20.44	20.44	20.50	22	2
5	64QAM	1	24	20.32	20.61	20.56		
5	64QAM	12	0	19.44	19.38	19.31		
5	64QAM	12	7	19.29	19.46	19.40	21	3
5	64QAM	12	13	19.26	19.32	19.32		
5	64QAM	25	0	19.30	19.30	19.38		
5	256QAM	1	0	17.42	17.51	17.44		
5	256QAM	1	12	17.45	17.47	17.51	19	5
5	256QAM	1	24	17.40	17.43	17.44		
5	256QAM	12	0	17.41	17.49	17.43		
5	256QAM	12	7	17.37	17.48	17.44	19	5
5	256QAM	12	13	17.41	17.47	17.44		
5	256QAM	25	0	17.42	17.46	17.39		

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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	22.36	22.42	22.49	22.45	22.41		
20	QPSK	1	49	22.39	22.42	22.31	22.45	22.36	24	0
20	QPSK	1	99	22.31	22.45	22.40	22.46	22.42		
20	QPSK	50	0	21.29	21.39	21.45	21.35	21.34		
20	QPSK	50	24	21.31	21.34	21.30	21.34	21.26	23	1
20	QPSK	50	50	21.33	21.31	21.33	21.38	21.32		
20	QPSK	100	0	21.34	21.38	21.41	21.30	21.32		
20	16QAM	1	0	21.56	21.67	21.59	21.76	21.77		
20	16QAM	1	49	21.67	21.83	21.74	21.77	21.67	23	1
20	16QAM	1	99	21.72	21.71	21.77	21.78	21.67		
20	16QAM	50	0	20.29	20.45	20.25	20.43	20.30		
20	16QAM	50	24	20.26	20.30	20.27	20.31	20.25	22	2
20	16QAM	50	50	20.35	20.28	20.32	20.28	20.25		
20	16QAM	100	0	20.36	20.35	20.30	20.37	20.35		
20	64QAM	1	0	20.44	20.53	20.48	20.51	20.41		
20	64QAM	1	49	20.50	20.48	20.43	20.44	20.43	22	2
20	64QAM	1	99	20.36	20.59	20.43	20.54	20.56		
20	64QAM	50	0	19.39	19.33	19.41	19.34	19.27		
20	64QAM	50	24	19.33	19.38	19.29	19.36	19.32	21	3
20	64QAM	50	50	19.34	19.38	19.33	19.40	19.24		
20	64QAM	100	0	19.35	19.33	19.24	19.30	19.33		
20	256QAM	1	0	17.38	17.45	17.41	17.53	17.44		
20	256QAM	1	49	17.36	17.44	17.41	17.50	17.48	19	5
20	256QAM	1	99	17.42	17.43	17.36	17.42	17.35		
20	256QAM	50	0	17.36	17.41	17.45	17.42	17.43		
20	256QAM	50	24	17.43	17.39	17.44	17.48	17.40	19	5
20	256QAM	50	50	17.37	17.43	17.39	17.46	17.44		
20	256QAM	100	0	17.39	17.47	17.44	17.41	17.46		
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	22.44	22.48	22.43	22.44	22.39		
15	QPSK	1	37	22.32	22.37	22.33	22.42	22.35	24	0
15	QPSK	1	74	22.33	22.39	22.32	22.45	22.33		
15	QPSK	36	0	21.27	21.39	21.37	21.33	21.26		
15	QPSK	36	20	21.34	21.35	21.37	21.37	21.28	23	1
15	QPSK	36	39	21.33	21.39	21.27	21.31	21.38		
15	QPSK	75	0	21.32	21.29	21.27	21.35	21.35		
15	16QAM	1	0	21.57	21.66	21.59	21.69	21.77		
15	16QAM	1	37	21.71	21.77	21.70	21.75	21.68	23	1
15	16QAM	1	74	21.72	21.76	21.75	21.73	21.61		
15	16QAM	36	0	20.29	20.34	20.27	20.45	20.34		
15	16QAM	36	20	20.26	20.28	20.31	20.29	20.30	22	2
15	16QAM	36	39	20.37	20.34	20.39	20.30	20.34		
15	16QAM	75	0	20.35	20.39	20.32	20.29	20.35		
15	64QAM	1	0	20.48	20.50	20.49	20.53	20.50		
15	64QAM	1	37	20.43	20.42	20.45	20.49	20.48	22	2
15	64QAM	1	74	20.33	20.59	20.32	20.51	20.57		
15	64QAM	36	0	19.38	19.29	19.43	19.32	19.25		
15	64QAM	36	20	19.31	19.44	19.34	19.36	19.40	21	3
15	64QAM	36	39	19.28	19.42	19.27	19.44	19.31		
15	64QAM	75	0	19.33	19.34	19.26	19.32	19.42		
15	256QAM	1	0	17.40	17.42	17.44	17.42	17.34		
15	256QAM	1	37	17.45	17.44	17.42	17.47	17.48	19	5
15	256QAM	1	74	17.41	17.49	17.42	17.49	17.35		
15	256QAM	36	0	17.37	17.48	17.37	17.38	17.45		
15	256QAM	36	20	17.44	17.43	17.36	17.46	17.45	19	5
15	256QAM	36	39	17.43	17.39	17.37	17.39	17.41		
15	256QAM	75	0	17.44	17.49	17.36	17.40	17.35		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.37	22.46	22.37	22.44	22.35		
10	QPSK	1	25	22.35	22.45	22.34	22.47	22.33	24	0
10	QPSK	1	49	22.39	22.37	22.35	22.46	22.36		
10	QPSK	25	0	21.26	21.33	21.30	21.42	21.35		
10	QPSK	25	12	21.31	21.31	21.36	21.36	21.22	23	1
10	QPSK	25	25	21.27	21.39	21.37	21.39	21.27		
10	QPSK	50	0	21.28	21.32	21.29	21.30	21.33		
10	16QAM	1	0	21.61	21.72	21.55	21.74	21.75		
10	16QAM	1	25	21.66	21.83	21.64	21.82	21.71	23	1
10	16QAM	1	49	21.72	21.80	21.75	21.78	21.58		
10	16QAM	25	0	20.28	20.34	20.30	20.37	20.27		
10	16QAM	25	12	20.24	20.37	20.33	20.37	20.36	22	2
10	16QAM	25	25	20.36	20.35	20.28	20.35	20.31		
10	16QAM	50	0	20.31	20.34	20.37	20.40	20.29		
10	64QAM	1	0	20.51	20.48	20.43	20.58	20.45		
10	64QAM	1	25	20.52	20.46	20.44	20.51	20.43	22	2
10	64QAM	1	49	20.43	20.62	20.38	20.53	20.56		
10	64QAM	25	0	19.44	19.37	19.43	19.38	19.33		
10	64QAM	25	12	19.33	19.42	19.32	19.45	19.42	21	3
10	64QAM	25	25	19.26	19.42	19.26	19.40	19.35		
10	64QAM	50	0	19.32	19.24	19.36	19.30	19.37		
10	256QAM	1	0	17.45	17.45	17.43	17.51	17.46		
10	256QAM	1	25	17.37	17.49	17.40	17.49	17.50	19	5
10	256QAM	1	49	17.41	17.48	17.40	17.38	17.42		
10	256QAM	25	0	17.43	17.48	17.42	17.40	17.37		
10	256QAM	25	12	17.37	17.39	17.36	17.42	17.38	19	5
10	256QAM	25	25	17.37	17.45	17.36	17.48	17.43		
10	256QAM	50	0	17.38	17.45	17.35	17.41	17.40		
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	22.38	22.45	22.37	22.48	22.43		
5	QPSK	1	12	22.38	22.47	22.37	22.43	22.34	24	0
5	QPSK	1	24	22.32	22.45	22.42	22.40	22.40		
5	QPSK	12	0	21.31	21.40	21.38	21.33	21.36		
5	QPSK	12	7	21.26	21.29	21.35	21.32	21.23	23	1
5	QPSK	12	13	21.37	21.39	21.37	21.38	21.26		
5	QPSK	25	0	21.24	21.32	21.31	21.34	21.35		
5	16QAM	1	0	21.60	21.70	21.65	21.75	21.69		
5	16QAM	1	12	21.67	21.73	21.63	21.81	21.62	23	1
5	16QAM	1	24	21.75	21.71	21.76	21.76	21.59		
5	16QAM	12	0	20.31	20.44	20.23	20.34	20.25		
5	16QAM	12	7	20.36	20.36	20.26	20.30	20.27	22	2
5	16QAM	12	13	20.28	20.37	20.30	20.35	20.34		
5	16QAM	25	0	20.38	20.39	20.34	20.34	20.27		
5	64QAM	1	0	20.45	20.48	20.45	20.48	20.47		
5	64QAM	1	12	20.46	20.45	20.49	20.47	20.49	22	2
5	64QAM	1	24	20.41	20.57	20.36	20.54	20.54		
5	64QAM	12	0	19.38	19.34	19.36	19.28	19.31		
5	64QAM	12	7	19.35	19.41	19.26	19.39	19.39	21	3
5	64QAM	12	13	19.28	19.35	19.30	19.39	19.26		
5	64QAM	25	0	19.29	19.30	19.34	19.32	19.32		
5	256QAM	1	0	17.43	17.41	17.45	17.46	17.37		
5	256QAM	1	12	17.43	17.42	17.39	17.43	17.46	19	5
5	256QAM	1	24	17.37	17.39	17.42	17.37	17.46		
5	256QAM	12	0	17.42	17.40	17.41	17.45	17.40		
5	256QAM	12	7	17.37	17.44	17.45	17.44	17.41	19	5
5	256QAM	12	13	17.37	17.46	17.35	17.46	17.39		
5	256QAM	25	0	17.44	17.48	17.42	17.42	17.45		

Band 2 Ant9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.87	20.88	20.85	21.8	0
20	QPSK	1	49	20.74	20.84	20.83		
20	QPSK	1	99	20.73	20.80	20.77		
20	QPSK	50	0	20.77	20.86	20.84		
20	QPSK	50	24	20.77	20.81	20.83	21.8	0
20	QPSK	50	50	20.83	20.85	20.85		
20	QPSK	100	0	20.80	20.85	20.83		
20	16QAM	1	0	20.79	20.80	20.82		
20	16QAM	1	49	20.77	20.80	20.85	21.8	0
20	16QAM	1	99	20.78	20.83	20.80		
20	16QAM	50	0	20.75	20.81	20.80		
20	16QAM	50	24	20.76	20.84	20.79	21.8	0
20	16QAM	50	50	20.79	20.82	20.82		
20	16QAM	100	0	20.74	20.85	20.83		
20	64QAM	1	0	20.82	20.81	20.81	21.8	0
20	64QAM	1	49	20.78	20.85	20.82		
20	64QAM	1	99	20.79	20.83	20.78		
20	64QAM	50	0	19.82	19.85	19.79		
20	64QAM	50	24	19.80	19.84	19.84	21	0.8
20	64QAM	50	50	19.76	19.83	19.83		
20	64QAM	100	0	19.81	19.86	19.80		
20	256QAM	1	0	17.77	17.91	17.88	19	2.8
20	256QAM	1	49	17.78	17.87	17.77		
20	256QAM	1	99	17.78	17.90	17.80		
20	256QAM	50	0	17.73	17.85	17.83		
20	256QAM	50	24	17.77	17.84	17.79	19	2.8
20	256QAM	50	50	17.72	17.89	17.80		
20	256QAM	100	0	17.77	17.84	17.79		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.65	20.70	20.76	21.8	0
15	QPSK	1	37	20.71	20.71	20.75		
15	QPSK	1	74	20.73	20.76	20.71		
15	QPSK	36	0	20.70	20.73	20.73		
15	QPSK	36	20	20.63	20.80	20.71	21.8	0
15	QPSK	36	39	20.71	20.70	20.70		
15	QPSK	75	0	20.63	20.75	20.75		
15	16QAM	1	0	20.64	20.78	20.79		
15	16QAM	1	37	20.68	20.80	20.71	21.8	0
15	16QAM	1	74	20.68	20.75	20.77		
15	16QAM	36	0	20.68	20.76	20.73		
15	16QAM	36	20	20.67	20.74	20.74	21.8	0
15	16QAM	36	39	20.64	20.80	20.74		
15	16QAM	75	0	20.63	20.72	20.68		
15	64QAM	1	0	20.73	20.76	20.79		
15	64QAM	1	37	20.65	20.72	20.75	21.8	0
15	64QAM	1	74	20.66	20.79	20.73		
15	64QAM	36	0	19.64	19.81	19.77		
15	64QAM	36	20	19.73	19.79	19.72	21	0.8
15	64QAM	36	39	19.67	19.72	19.74		
15	64QAM	75	0	19.67	19.79	19.70		
15	256QAM	1	0	17.71	17.72	17.69	19	2.8
15	256QAM	1	37	17.63	17.77	17.77		
15	256QAM	1	74	17.66	17.78	17.78		
15	256QAM	36	0	17.68	17.73	17.73		
15	256QAM	36	20	17.73	17.80	17.75	19	2.8
15	256QAM	36	39	17.68	17.77	17.70		
15	256QAM	75	0	17.72	17.76	17.74		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.72	20.78	20.68	21.8	0
10	QPSK	1	25	20.66	20.78	20.74		
10	QPSK	1	49	20.67	20.75	20.73		
10	QPSK	25	0	20.69	20.72	20.71	21.8	0
10	QPSK	25	12	20.63	20.73	20.71		
10	QPSK	25	25	20.72	20.80	20.74		
10	QPSK	50	0	20.69	20.82	20.74		
10	16QAM	1	0	20.72	20.72	20.70		
10	16QAM	1	25	20.65	20.77	20.69	21.8	0
10	16QAM	1	49	20.66	20.77	20.79		
10	16QAM	25	0	20.69	20.76	20.78		
10	16QAM	25	12	20.64	20.80	20.79	21.8	0
10	16QAM	25	25	20.73	20.77	20.78		
10	16QAM	50	0	20.73	20.72	20.78		
10	64QAM	1	0	20.63	20.71	20.72		
10	64QAM	1	25	20.73	20.73	20.74	21.8	0
10	64QAM	1	49	20.71	20.71	20.68		
10	64QAM	25	0	19.66	19.79	19.76		
10	64QAM	25	12	19.65	19.82	19.75	21	0.8
10	64QAM	25	25	19.67	19.71	19.68		
10	64QAM	50	0	19.64	19.80	19.79		
10	256QAM	1	0	17.72	17.72	17.78		
10	256QAM	1	25	17.71	17.81	17.69	19	2.8
10	256QAM	1	49	17.65	17.74	17.74		
10	256QAM	25	0	17.71	17.78	17.71		
10	256QAM	25	12	17.70	17.81	17.76	19	2.8
10	256QAM	25	25	17.71	17.82	17.78		
10	256QAM	50	0	17.73	17.74	17.77		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.74	20.78	20.73	21.8	0
5	QPSK	1	12	20.73	20.78	20.71		
5	QPSK	1	24	20.66	20.75	20.69		
5	QPSK	12	0	20.63	20.79	20.74	21.8	0
5	QPSK	12	7	20.64	20.78	20.67		
5	QPSK	12	13	20.68	20.80	20.79		
5	QPSK	25	0	20.66	20.74	20.71		
5	16QAM	1	0	20.70	20.73	20.68	21.8	0
5	16QAM	1	12	20.69	20.74	20.78		
5	16QAM	1	24	20.71	20.75	20.70		
5	16QAM	12	0	20.73	20.72	20.70	21.8	0
5	16QAM	12	7	20.68	20.75	20.71		
5	16QAM	12	13	20.65	20.74	20.68		
5	16QAM	25	0	20.69	20.75	20.79		
5	64QAM	1	0	20.65	20.74	20.78	21.8	0
5	64QAM	1	12	20.73	20.71	20.74		
5	64QAM	1	24	20.70	20.80	20.79		
5	64QAM	12	0	19.65	19.72	19.67	21	0.8
5	64QAM	12	7	19.68	19.80	19.72		
5	64QAM	12	13	19.63	19.78	19.77		
5	64QAM	25	0	19.69	19.78	19.69		
5	256QAM	1	0	17.74	17.74	17.68	19	2.8
5	256QAM	1	12	17.63	17.74	17.74		
5	256QAM	1	24	17.66	17.72	17.68		
5	256QAM	12	0	17.65	17.75	17.72	19	2.8
5	256QAM	12	7	17.66	17.75	17.69		
5	256QAM	12	13	17.65	17.80	17.74		
5	256QAM	25	0	17.69	17.74	17.70		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.67	20.77	20.78	21.8	0
3	QPSK	1	8	20.63	20.81	20.78		
3	QPSK	1	14	20.73	20.72	20.73		
3	QPSK	8	0	20.68	20.77	20.73	21.8	0
3	QPSK	8	4	20.63	20.77	20.68		
3	QPSK	8	7	20.71	20.77	20.67		
3	QPSK	15	0	20.63	20.74	20.70		
3	16QAM	1	0	20.70	20.78	20.75	21.8	0
3	16QAM	1	8	20.70	20.71	20.78		
3	16QAM	1	14	20.73	20.78	20.71		
3	16QAM	8	0	20.69	20.75	20.73	21.8	0
3	16QAM	8	4	20.67	20.76	20.79		
3	16QAM	8	7	20.69	20.75	20.69		
3	16QAM	15	0	20.64	20.77	20.70		
3	64QAM	1	0	20.68	20.77	20.78	21.8	0
3	64QAM	1	8	20.72	20.73	20.71		
3	64QAM	1	14	20.69	20.74	20.75		
3	64QAM	8	0	19.63	19.78	19.74	21	0.8
3	64QAM	8	4	19.73	19.77	19.75		
3	64QAM	8	7	19.69	19.81	19.77		
3	64QAM	15	0	19.69	19.80	19.68		
3	256QAM	1	0	17.74	17.81	17.70	19	2.8
3	256QAM	1	8	17.65	17.71	17.69		
3	256QAM	1	14	17.69	17.82	17.79		
3	256QAM	8	0	17.69	17.79	17.72	19	2.8
3	256QAM	8	4	17.70	17.81	17.69		
3	256QAM	8	7	17.74	17.75	17.69		
3	256QAM	15	0	17.65	17.74	17.69		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.67	20.76	20.73	21.8	0
1.4	QPSK	1	3	20.68	20.76	20.77		
1.4	QPSK	1	5	20.64	20.80	20.68		
1.4	QPSK	3	0	20.70	20.74	20.74		
1.4	QPSK	3	1	20.64	20.72	20.77		
1.4	QPSK	3	3	20.74	20.77	20.67		
1.4	QPSK	6	0	20.72	20.74	20.73	21.8	0
1.4	16QAM	1	0	20.72	20.74	20.75	21.8	0
1.4	16QAM	1	3	20.64	20.75	20.73		
1.4	16QAM	1	5	20.63	20.75	20.67		
1.4	16QAM	3	0	20.71	20.77	20.75		
1.4	16QAM	3	1	20.67	20.73	20.74		
1.4	16QAM	3	3	20.70	20.77	20.76		
1.4	16QAM	6	0	20.71	20.72	20.74	21.8	0
1.4	64QAM	1	0	20.70	20.72	20.77	21.8	0
1.4	64QAM	1	3	20.68	20.71	20.77		
1.4	64QAM	1	5	20.68	20.78	20.77		
1.4	64QAM	3	0	20.72	20.74	20.71		
1.4	64QAM	3	1	20.63	20.76	20.71		
1.4	64QAM	3	3	20.70	20.80	20.76		
1.4	64QAM	6	0	19.74	19.70	19.74	21	0.8
1.4	256QAM	1	0	17.72	17.75	17.74	19	2.8
1.4	256QAM	1	3	17.68	17.81	17.79		
1.4	256QAM	1	5	17.71	17.80	17.69		
1.4	256QAM	3	0	17.66	17.82	17.71		
1.4	256QAM	3	1	17.65	17.74	17.70		
1.4	256QAM	3	3	17.65	17.75	17.71		
1.4	256QAM	6	0	17.63	17.81	17.69	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.41	22.46	22.42	24	0
20	QPSK	1	49	22.40	22.38	22.35		
20	QPSK	1	99	22.36	22.37	22.41		
20	QPSK	50	0	21.33	21.42	21.32	23	1
20	QPSK	50	24	21.35	21.36	21.32		
20	QPSK	50	50	21.33	21.41	21.31		
20	QPSK	100	0	21.35	21.39	21.33		
20	16QAM	1	0	21.55	21.67	21.68	23	1
20	16QAM	1	49	21.64	21.82	21.65		
20	16QAM	1	99	21.79	21.77	21.63		
20	16QAM	50	0	20.25	20.37	20.36	22	2
20	16QAM	50	24	20.34	20.30	20.35		
20	16QAM	50	50	20.36	20.37	20.24		
20	16QAM	100	0	20.37	20.37	20.31		
20	64QAM	1	0	20.44	20.47	20.43	22	2
20	64QAM	1	49	20.40	20.52	20.50		
20	64QAM	1	99	20.33	20.62	20.58		
20	64QAM	50	0	19.41	19.30	19.30	21	3
20	64QAM	50	24	19.25	19.45	19.36		
20	64QAM	50	50	19.30	19.42	19.30		
20	64QAM	100	0	19.33	19.33	19.39		
20	256QAM	1	0	17.45	17.50	17.45	19	5
20	256QAM	1	49	17.35	17.46	17.51		
20	256QAM	1	99	17.45	17.43	17.45		
20	256QAM	50	0	17.34	17.38	17.37	19	5
20	256QAM	50	24	17.46	17.44	17.45		
20	256QAM	50	50	17.38	17.41	17.54		
20	256QAM	100	0	17.45	17.43	17.39		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.34	22.44	22.40	24	0
15	QPSK	1	37	22.36	22.44	22.42		
15	QPSK	1	74	22.34	22.43	22.31		
15	QPSK	36	0	21.35	21.37	21.29	23	1
15	QPSK	36	20	21.27	21.36	21.29		
15	QPSK	36	39	21.35	21.39	21.29		
15	QPSK	75	0	21.35	21.33	21.33		
15	16QAM	1	0	21.64	21.70	21.76	23	1
15	16QAM	1	37	21.62	21.75	21.65		
15	16QAM	1	74	21.73	21.72	21.60		
15	16QAM	36	0	20.23	20.43	20.25	22	2
15	16QAM	36	20	20.36	20.30	20.24		
15	16QAM	36	39	20.29	20.32	20.28		
15	16QAM	75	0	20.33	20.33	20.34		
15	64QAM	1	0	20.53	20.58	20.46	22	2
15	64QAM	1	37	20.49	20.51	20.49		
15	64QAM	1	74	20.41	20.56	20.53		
15	64QAM	36	0	19.40	19.35	19.24	21	3
15	64QAM	36	20	19.35	19.41	19.36		
15	64QAM	36	39	19.24	19.40	19.25		
15	64QAM	75	0	19.30	19.24	19.38		
15	256QAM	1	0	17.34	17.44	17.35	19	5
15	256QAM	1	37	17.43	17.47	17.41		
15	256QAM	1	74	17.35	17.39	17.44		
15	256QAM	36	0	17.35	17.49	17.44	19	5
15	256QAM	36	20	17.45	17.43	17.46		
15	256QAM	36	39	17.44	17.47	17.39		
15	256QAM	75	0	17.37	17.47	17.42		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.42	22.45	22.40	24	0
10	QPSK	1	25	22.33	22.43	22.40		
10	QPSK	1	49	22.35	22.41	22.39		
10	QPSK	25	0	21.27	21.41	21.37	23	1
10	QPSK	25	12	21.36	21.34	21.26		
10	QPSK	25	25	21.31	21.37	21.31		
10	QPSK	50	0	21.30	21.31	21.29		
10	16QAM	1	0	21.66	21.66	21.72	23	1
10	16QAM	1	25	21.74	21.83	21.71		
10	16QAM	1	49	21.73	21.72	21.55		
10	16QAM	25	0	20.29	20.39	20.30	22	2
10	16QAM	25	12	20.28	20.39	20.31		
10	16QAM	25	25	20.33	20.29	20.28		
10	16QAM	50	0	20.30	20.39	20.29		
10	64QAM	1	0	20.51	20.56	20.49	22	2
10	64QAM	1	25	20.42	20.52	20.42		
10	64QAM	1	49	20.42	20.53	20.50		
10	64QAM	25	0	19.44	19.36	19.27	21	3
10	64QAM	25	12	19.28	19.39	19.37		
10	64QAM	25	25	19.32	19.41	19.25		
10	64QAM	50	0	19.32	19.26	19.43		
10	256QAM	1	0	17.39	17.42	17.46	19	5
10	256QAM	1	25	17.39	17.42	17.42		
10	256QAM	1	49	17.44	17.48	17.44		
10	256QAM	25	0	17.40	17.41	17.36	19	5
10	256QAM	25	12	17.41	17.46	17.37		
10	256QAM	25	25	17.36	17.38	17.40		
10	256QAM	50	0	17.43	17.44	17.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.39	22.40	22.44	24	0
5	QPSK	1	12	22.34	22.44	22.38		
5	QPSK	1	24	22.37	22.40	22.36		
5	QPSK	12	0	21.31	21.40	21.32	23	1
5	QPSK	12	7	21.28	21.31	21.24		
5	QPSK	12	13	21.34	21.35	21.30		
5	QPSK	25	0	21.33	21.39	21.24		
5	16QAM	1	0	21.64	21.68	21.74	23	1
5	16QAM	1	12	21.70	21.82	21.66		
5	16QAM	1	24	21.74	21.79	21.56		
5	16QAM	12	0	20.27	20.44	20.34	22	2
5	16QAM	12	7	20.33	20.36	20.27		
5	16QAM	12	13	20.31	20.36	20.25		
5	16QAM	25	0	20.34	20.29	20.32		
5	64QAM	1	0	20.52	20.58	20.45	22	2
5	64QAM	1	12	20.45	20.53	20.41		
5	64QAM	1	24	20.43	20.55	20.52		
5	64QAM	12	0	19.35	19.30	19.33	21	3
5	64QAM	12	7	19.31	19.43	19.37		
5	64QAM	12	13	19.24	19.36	19.32		
5	64QAM	25	0	19.25	19.34	19.33		
5	256QAM	1	0	17.39	17.53	17.39	19	5
5	256QAM	1	12	17.42	17.51	17.51		
5	256QAM	1	24	17.44	17.45	17.38		
5	256QAM	12	0	17.39	17.45	17.35	19	5
5	256QAM	12	7	17.42	17.47	17.41		
5	256QAM	12	13	17.35	17.38	17.39		
5	256QAM	25	0	17.37	17.39	17.36		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.41	22.39	22.32	24	0
3	QPSK	1	8	22.39	22.38	22.37		
3	QPSK	1	14	22.41	22.37	22.36		
3	QPSK	8	0	21.28	21.31	21.29	23	1
3	QPSK	8	4	21.28	21.37	21.33		
3	QPSK	8	7	21.36	21.33	21.35		
3	QPSK	15	0	21.28	21.38	21.27		
3	16QAM	1	0	21.56	21.66	21.66	23	1
3	16QAM	1	8	21.64	21.81	21.70		
3	16QAM	1	14	21.79	21.76	21.61		
3	16QAM	8	0	20.31	20.45	20.32	22	2
3	16QAM	8	4	20.27	20.36	20.25		
3	16QAM	8	7	20.38	20.32	20.23		
3	16QAM	15	0	20.30	20.39	20.27		
3	64QAM	1	0	20.53	20.48	20.49	22	2
3	64QAM	1	8	20.47	20.51	20.42		
3	64QAM	1	14	20.39	20.54	20.50		
3	64QAM	8	0	19.33	19.34	19.32	21	3
3	64QAM	8	4	19.32	19.42	19.42		
3	64QAM	8	7	19.28	19.39	19.31		
3	64QAM	15	0	19.30	19.31	19.40		
3	256QAM	1	0	17.39	17.47	17.38	19	5
3	256QAM	1	8	17.36	17.41	17.42		
3	256QAM	1	14	17.39	17.47	17.41		
3	256QAM	8	0	17.44	17.41	17.37	19	5
3	256QAM	8	4	17.45	17.38	17.43		
3	256QAM	8	7	17.41	17.37	17.45		
3	256QAM	15	0	17.39	17.41	17.44		
Channel				19907	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.44	22.40	22.41	24	0
1.4	QPSK	1	3	22.43	22.44	22.39		
1.4	QPSK	1	5	22.39	22.42	22.33		
1.4	QPSK	3	0	22.35	22.44	22.40		
1.4	QPSK	3	1	22.32	22.40	22.41		
1.4	QPSK	3	3	22.34	22.39	22.40		
1.4	QPSK	6	0	21.33	21.40	21.33	23	1
1.4	16QAM	1	0	21.37	21.30	21.29	23	1
1.4	16QAM	1	3	21.32	21.31	21.31		
1.4	16QAM	1	5	21.34	21.36	21.25		
1.4	16QAM	3	0	21.64	21.71	21.76		
1.4	16QAM	3	1	21.73	21.84	21.69		
1.4	16QAM	3	3	21.76	21.80	21.63		
1.4	16QAM	6	0	20.31	20.43	20.26	22	2
1.4	64QAM	1	0	20.31	20.27	20.35	22	2
1.4	64QAM	1	3	20.29	20.27	20.30		
1.4	64QAM	1	5	20.34	20.34	20.32		
1.4	64QAM	3	0	20.44	20.51	20.46		
1.4	64QAM	3	1	20.51	20.45	20.48		
1.4	64QAM	3	3	20.32	20.36	20.30		
1.4	64QAM	6	0	19.35	19.37	19.36	21	3
1.4	256QAM	1	0	17.40	17.51	17.35	19	5
1.4	256QAM	1	3	17.45	17.48	17.50		
1.4	256QAM	1	5	17.41	17.36	17.38		
1.4	256QAM	3	0	17.40	17.45	17.35		
1.4	256QAM	3	1	17.44	17.46	17.40		
1.4	256QAM	3	3	17.40	17.38	17.38		
1.4	256QAM	6	0	17.43	17.45	17.37	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.61	20.65	20.59	21.6	0
20	QPSK	1	49	20.54	20.52	20.58		
20	QPSK	1	99	20.60	20.64	20.52		
20	QPSK	50	0	20.56	20.64	20.57		
20	QPSK	50	24	20.60	20.58	20.50	21.6	0
20	QPSK	50	50	20.55	20.61	20.56		
20	QPSK	100	0	20.57	20.63	20.59		
20	16QAM	1	0	20.57	20.58	20.58		
20	16QAM	1	49	20.52	20.59	20.55	21.6	0
20	16QAM	1	99	20.54	20.59	20.56		
20	16QAM	50	0	20.58	20.55	20.52		
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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.02	20.09	19.94	21.2	0
20	QPSK	1	49	19.95	20.05	19.99		
20	QPSK	1	99	20.04	20.04	19.99		
20	QPSK	50	0	20.00	20.08	20.05	21.2	0
20	QPSK	50	24	20.01	19.99	19.95		
20	QPSK	50	50	19.95	20.03	20.04		
20	QPSK	100	0	20.05	20.06	19.97		
20	16QAM	1	0	20.01	20.02	19.96	21.2	0
20	16QAM	1	49	20.00	19.96	20.01		
20	16QAM	1	99	20.02	20.00	20.03		
20	16QAM	50	0	19.96	19.98	20.00	21.2	0
20	16QAM	50	24	19.97	20.08	19.95		
20	16QAM	50	50	19.95	20.01	20.02		
20	16QAM	100	0	19.98	20.04	19.98		
20	64QAM	1	0	19.96	19.98	20.00	21.2	0
20	64QAM	1	49	19.95	19.98	19.97		
20	64QAM	1	99	20.05	20.07	19.96		
20	64QAM	50	0	19.47	19.45	19.42	21	0.2
20	64QAM	50	24	19.35	19.46	19.46		
20	64QAM	50	50	19.39	19.51	19.38		
20	64QAM	100	0	19.37	19.38	19.55		
20	256QAM	1	0	17.52	17.54	17.50	19	2.2
20	256QAM	1	49	17.50	17.57	17.52		
20	256QAM	1	99	17.54	17.50	17.47		
20	256QAM	50	0	17.56	17.57	17.57	19	2.2
20	256QAM	50	24	17.50	17.53	17.45		
20	256QAM	50	50	17.56	17.54	17.48		
20	256QAM	100	0	17.55	17.56	17.52		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.04	20.04	20.04	21.2	0
15	QPSK	1	37	19.94	20.08	20.04		
15	QPSK	1	74	20.00	19.98	20.00		
15	QPSK	36	0	19.96	20.05	20.05	21.2	0
15	QPSK	36	20	19.99	20.02	19.95		
15	QPSK	36	39	20.06	20.05	19.96		
15	QPSK	75	0	19.97	20.00	19.99		
15	16QAM	1	0	20.05	20.07	19.99	21.2	0
15	16QAM	1	37	20.06	19.99	20.00		
15	16QAM	1	74	19.95	20.03	20.04		
15	16QAM	36	0	20.04	20.08	20.06	21.2	0
15	16QAM	36	20	20.04	20.02	20.01		
15	16QAM	36	39	20.04	20.02	19.99		
15	16QAM	75	0	19.96	20.03	20.00		
15	64QAM	1	0	19.95	19.97	19.96	21.2	0
15	64QAM	1	37	19.99	20.00	19.95		
15	64QAM	1	74	20.00	20.05	20.02		
15	64QAM	36	0	19.47	19.38	19.44	21	0.2
15	64QAM	36	20	19.45	19.54	19.48		
15	64QAM	36	39	19.36	19.50	19.35		
15	64QAM	75	0	19.36	19.44	19.51		
15	256QAM	1	0	17.55	17.53	17.53	19	2.2
15	256QAM	1	37	17.56	17.62	17.60		
15	256QAM	1	74	17.48	17.53	17.57		
15	256QAM	36	0	17.46	17.54	17.50	19	2.2
15	256QAM	36	20	17.50	17.59	17.57		
15	256QAM	36	39	17.52	17.49	17.54		
15	256QAM	75	0	17.48	17.49	17.55		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.03	20.03	19.98	21.2	0
10	QPSK	1	25	20.02	20.05	20.04		
10	QPSK	1	49	19.99	20.03	19.97		
10	QPSK	25	0	19.97	20.01	19.99	21.2	0
10	QPSK	25	12	20.03	20.01	19.95		
10	QPSK	25	25	19.94	20.03	20.04		
10	QPSK	50	0	19.98	20.00	20.03		
10	16QAM	1	0	19.97	20.07	19.94	21.2	0
10	16QAM	1	25	19.97	20.07	20.02		
10	16QAM	1	49	19.97	20.04	19.99		
10	16QAM	25	0	19.95	20.08	20.00	21.2	0
10	16QAM	25	12	20.01	20.04	20.03		
10	16QAM	25	25	19.99	20.06	19.95		
10	16QAM	50	0	20.05	20.07	19.98		
10	64QAM	1	0	20.00	19.97	20.00	21.2	0
10	64QAM	1	25	19.97	20.08	20.01		
10	64QAM	1	49	19.95	20.01	20.04		
10	64QAM	25	0	19.45	19.39	19.45	21	0.2
10	64QAM	25	12	19.41	19.48	19.53		
10	64QAM	25	25	19.36	19.49	19.37		
10	64QAM	50	0	19.36	19.35	19.48		
10	256QAM	1	0	17.48	17.63	17.50	19	2.2
10	256QAM	1	25	17.53	17.56	17.57		
10	256QAM	1	49	17.55	17.48	17.49		
10	256QAM	25	0	17.56	17.56	17.48	19	2.2
10	256QAM	25	12	17.48	17.52	17.50		
10	256QAM	25	25	17.48	17.60	17.50		
10	256QAM	50	0	17.55	17.54	17.53		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.04	20.03	20.05	21.2	0
5	QPSK	1	12	20.04	20.01	19.95		
5	QPSK	1	24	19.99	20.03	19.97		
5	QPSK	12	0	20.06	19.99	20.02	21.2	0
5	QPSK	12	7	19.99	19.99	20.00		
5	QPSK	12	13	19.95	19.97	19.96		
5	QPSK	25	0	19.98	19.98	19.96		
5	16QAM	1	0	19.98	20.08	20.01	21.2	0
5	16QAM	1	12	20.06	20.07	19.96		
5	16QAM	1	24	20.02	20.04	19.96		
5	16QAM	12	0	20.00	20.05	20.03	21.2	0
5	16QAM	12	7	19.98	20.04	20.00		
5	16QAM	12	13	19.97	20.06	20.03		
5	16QAM	25	0	20.04	20.03	20.03		
5	64QAM	1	0	20.02	20.04	20.01	21.2	0
5	64QAM	1	12	19.99	20.04	19.99		
5	64QAM	1	24	19.98	20.08	19.99		
5	64QAM	12	0	19.50	19.43	19.44	21	0.2
5	64QAM	12	7	19.37	19.49	19.51		
5	64QAM	12	13	19.41	19.48	19.39		
5	64QAM	25	0	19.36	19.38	19.51		
5	256QAM	1	0	17.53	17.55	17.51	19	2.2
5	256QAM	1	12	17.53	17.58	17.52		
5	256QAM	1	24	17.51	17.52	17.52		
5	256QAM	12	0	17.57	17.56	17.45	19	2.2
5	256QAM	12	7	17.53	17.55	17.51		
5	256QAM	12	13	17.52	17.51	17.54		
5	256QAM	25	0	17.48	17.55	17.50		

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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	20.06	20.07	20.11	20.05	20.09	21.2	0
20	QPSK	1	49	20.04	20.02	20.10	20.02	20.03		
20	QPSK	1	99	19.99	20.10	20.03	20.01	20.10		
20	QPSK	50	0	20.00	20.03	20.10	20.07	20.06	21.2	0
20	QPSK	50	24	20.04	20.08	20.07	20.01	20.01		
20	QPSK	50	50	20.04	20.07	20.08	20.03	20.02		
20	QPSK	100	0	20.06	19.99	20.07	20.02	20.00		
20	16QAM	1	0	20.05	20.01	20.04	20.04	20.01	21.2	0
20	16QAM	1	49	20.06	20.05	20.08	20.01	20.06		
20	16QAM	1	99	20.02	20.07	20.03	20.06	20.06		
20	16QAM	50	0	20.02	20.00	20.09	20.01	20.02	21.2	0
20	16QAM	50	24	20.03	20.05	20.10	20.05	20.08		
20	16QAM	50	50	20.10	20.07	20.02	20.06	20.04		
20	16QAM	100	0	20.04	20.09	20.08	20.01	20.05		
20	64QAM	1	0	20.07	20.09	20.05	20.03	20.02	21.2	0
20	64QAM	1	49	20.03	20.06	20.01	20.06	20.00		
20	64QAM	1	99	20.08	20.00	20.10	20.08	20.09		
20	64QAM	50	0	19.51	19.44	19.46	19.49	19.36	21	0.2
20	64QAM	50	24	19.40	19.49	19.39	19.51	19.54		
20	64QAM	50	50	19.36	19.53	19.45	19.46	19.46		
20	64QAM	100	0	19.35	19.40	19.46	19.47	19.50		
20	256QAM	1	0	17.46	17.53	17.46	17.54	17.47	19	2.2
20	256QAM	1	49	17.54	17.57	17.53	17.58	17.61		
20	256QAM	1	99	17.53	17.51	17.48	17.49	17.47		
20	256QAM	50	0	17.46	17.54	17.53	17.50	17.53	19	2.2
20	256QAM	50	24	17.51	17.50	17.56	17.56	17.45		
20	256QAM	50	50	17.47	17.59	17.55	17.52	17.49		
20	256QAM	100	0	17.50	17.51	17.51	17.53	17.48		
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	20.00	19.95	20.00	20.06	19.98	21	0
15	QPSK	1	37	20.06	20.00	20.08	20.03	20.01		
15	QPSK	1	74	19.98	19.95	20.08	20.00	20.04		
15	QPSK	36	0	20.04	20.05	20.04	20.02	20.00	21.2	0
15	QPSK	36	20	20.05	19.96	19.98	20.05	19.96		
15	QPSK	36	39	20.00	19.98	20.02	19.94	20.05		
15	QPSK	75	0	20.00	20.05	20.00	20.05	20.04		
15	16QAM	1	0	19.95	20.04	20.09	19.96	20.04	21.2	0
15	16QAM	1	37	20.03	20.03	20.07	20.02	19.97		
15	16QAM	1	74	20.01	19.99	20.01	20.01	20.06		
15	16QAM	36	0	20.00	20.00	20.01	19.99	20.06	21.2	0
15	16QAM	36	20	20.05	20.01	20.07	20.01	19.97		
15	16QAM	36	39	20.00	19.97	20.06	19.97	20.05		
15	16QAM	75	0	20.01	20.03	20.03	20.04	19.95		
15	64QAM	1	0	19.97	19.98	20.07	20.02	19.97	21.2	0
15	64QAM	1	37	20.03	20.02	20.08	20.03	20.05		
15	64QAM	1	74	20.00	19.99	20.07	20.00	19.96		
15	64QAM	36	0	19.51	19.41	19.54	19.50	19.45	21	0.2
15	64QAM	36	20	19.41	19.47	19.36	19.46	19.47		
15	64QAM	36	39	19.36	19.43	19.36	19.45	19.38		
15	64QAM	75	0	19.44	19.46	19.42	19.47	19.51		
15	256QAM	1	0	17.56	17.56	17.56	17.55	17.46	19	2.2
15	256QAM	1	37	17.54	17.58	17.45	17.62	17.57		
15	256QAM	1	74	17.52	17.50	17.51	17.55	17.48		
15	256QAM	36	0	17.46	17.53	17.51	17.55	17.50	19	2.2
15	256QAM	36	20	17.46	17.48	17.52	17.56	17.45		
15	256QAM	36	39	17.47	17.52	17.47	17.59	17.47		
15	256QAM	75	0	17.56	17.51	17.49	17.58	17.52		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.97	19.96	20.07	19.94	19.98	21	0
10	QPSK	1	25	20.04	20.03	20.08	20.03	19.98		
10	QPSK	1	49	19.97	19.99	20.02	19.96	19.97		
10	QPSK	25	0	19.98	19.97	20.07	19.97	20.02	21.2	0
10	QPSK	25	12	20.04	19.96	20.03	19.98	20.02		
10	QPSK	25	25	19.98	19.95	20.00	19.97	19.99		
10	QPSK	50	0	20.06	20.03	20.02	20.01	20.01		
10	16QAM	1	0	20.04	19.95	20.05	19.98	20.03	21.2	0
10	16QAM	1	25	19.95	20.05	20.02	20.06	19.99		
10	16QAM	1	49	20.04	19.95	19.98	20.01	20.04		
10	16QAM	25	0	19.99	19.94	19.97	19.96	20.01	21.2	0
10	16QAM	25	12	19.96	20.04	20.06	19.99	20.05		
10	16QAM	25	25	20.03	19.97	20.02	20.03	20.06		
10	16QAM	50	0	20.00	19.94	19.98	19.94	19.97		
10	64QAM	1	0	20.04	19.97	20.01	19.95	19.95	21.2	0
10	64QAM	1	25	19.94	19.98	20.03	19.99	19.94		
10	64QAM	1	49	20.03	19.96	20.05	19.99	20.02		
10	64QAM	25	0	19.48	19.46	19.54	19.44	19.44	21	0.2
10	64QAM	25	12	19.46	19.46	19.42	19.50	19.44		
10	64QAM	25	25	19.35	19.53	19.44	19.46	19.38		
10	64QAM	50	0	19.39	19.43	19.37	19.38	19.44		
10	256QAM	1	0	17.47	17.62	17.45	17.59	17.54	19	2.2
10	256QAM	1	25	17.54	17.51	17.53	17.53	17.52		
10	256QAM	1	49	17.51	17.55	17.47	17.56	17.48		
10	256QAM	25	0	17.52	17.56	17.53	17.49	17.53	19	2.2
10	256QAM	25	12	17.55	17.51	17.54	17.57	17.56		
10	256QAM	25	25	17.48	17.54	17.53	17.55	17.54		
10	256QAM	50	0	17.51	17.49	17.49	17.53	17.56		
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	20.02	20.00	20.00	19.95	20.00	21	0
5	QPSK	1	12	20.01	20.00	20.02	19.96	20.01		
5	QPSK	1	24	20.04	20.00	20.06	19.98	20.00		
5	QPSK	12	0	19.95	20.04	20.01	19.96	19.96	21.2	0
5	QPSK	12	7	20.04	19.97	19.98	20.05	19.98		
5	QPSK	12	13	20.04	20.05	20.05	20.06	20.03		
5	QPSK	25	0	20.04	20.00	20.04	19.94	20.02		
5	16QAM	1	0	20.06	19.96	20.04	19.99	20.05	21.2	0
5	16QAM	1	12	19.95	19.98	20.08	19.99	19.95		
5	16QAM	1	24	20.00	19.95	20.00	19.99	19.98		
5	16QAM	12	0	19.96	19.99	19.98	19.94	20.04	21.2	0
5	16QAM	12	7	20.05	20.00	19.98	19.97	19.99		
5	16QAM	12	13	20.06	20.06	20.03	20.05	20.05		
5	16QAM	25	0	19.94	20.03	20.04	19.97	19.97		
5	64QAM	1	0	20.02	19.97	20.06	20.06	20.04	21.2	0
5	64QAM	1	12	20.05	20.01	19.97	20.01	19.98		
5	64QAM	1	24	20.04	19.97	20.03	19.95	20.05		
5	64QAM	12	0	19.50	19.38	19.50	19.41	19.40	21	0.2
5	64QAM	12	7	19.44	19.57	19.42	19.50	19.44		
5	64QAM	12	13	19.44	19.54	19.45	19.54	19.43		
5	64QAM	25	0	19.47	19.41	19.39	19.40	19.45		
5	256QAM	1	0	17.55	17.62	17.56	17.52	17.50	19	2.2
5	256QAM	1	12	17.55	17.53	17.47	17.54	17.60		
5	256QAM	1	24	17.46	17.60	17.47	17.54	17.54		
5	256QAM	12	0	17.51	17.52	17.46	17.49	17.48	19	2.2
5	256QAM	12	7	17.50	17.54	17.57	17.49	17.52		
5	256QAM	12	13	17.46	17.59	17.52	17.56	17.48		
5	256QAM	25	0	17.50	17.57	17.50	17.52	17.56		

Band 42 FCC Part27Q Ant7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.60	18.66	18.62	19.6	0
20	QPSK	1	49	18.54	18.59	18.58		
20	QPSK	1	99	18.59	18.63	18.57		
20	QPSK	50	0	18.53	18.65	18.55	19.6	0
20	QPSK	50	24	18.60	18.62	18.58		
20	QPSK	50	50	18.56	18.53	18.52		
20	QPSK	100	0	18.56	18.63	18.51		
20	16QAM	1	0	18.62	18.56	18.53	19.6	0
20	16QAM	1	49	18.63	18.56	18.60		
20	16QAM	1	99	18.59	18.54	18.51		
20	16QAM	50	0	18.57	18.54	18.55	19.6	0
20	16QAM	50	24	18.57	18.60	18.53		
20	16QAM	50	50	18.54	18.62	18.60		
20	16QAM	100	0	18.54	18.53	18.59		
20	64QAM	1	0	18.57	18.56	18.50	19.6	0
20	64QAM	1	49	18.54	18.56	18.62		
20	64QAM	1	99	18.55	18.53	18.60		
20	64QAM	50	0	18.61	18.55	18.57	19.6	0
20	64QAM	50	24	18.57	18.62	18.58		
20	64QAM	50	50	18.61	18.59	18.61		
20	64QAM	100	0	18.62	18.54	18.58		
20	256QAM	1	0	17.49	17.58	17.48	19	0.6
20	256QAM	1	49	17.40	17.48	17.54		
20	256QAM	1	99	17.41	17.42	17.43		
20	256QAM	50	0	17.45	17.46	17.51	19	0.6
20	256QAM	50	24	17.48	17.43	17.48		
20	256QAM	50	50	17.44	17.49	17.40		
20	256QAM	100	0	17.39	17.50	17.50		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.57	18.62	18.57	19.6	0
15	QPSK	1	37	18.50	18.56	18.56		
15	QPSK	1	74	18.53	18.51	18.54		
15	QPSK	36	0	18.50	18.60	18.55	19.6	0
15	QPSK	36	20	18.53	18.52	18.58		
15	QPSK	36	39	18.53	18.57	18.51		
15	QPSK	75	0	18.59	18.57	18.50		
15	16QAM	1	0	18.61	18.51	18.55	19.6	0
15	16QAM	1	37	18.60	18.57	18.51		
15	16QAM	1	74	18.58	18.62	18.60		
15	16QAM	36	0	18.50	18.56	18.59	19.6	0
15	16QAM	36	20	18.58	18.62	18.58		
15	16QAM	36	39	18.52	18.54	18.58		
15	16QAM	75	0	18.59	18.57	18.54		
15	64QAM	1	0	18.55	18.51	18.52	19.6	0
15	64QAM	1	37	18.55	18.53	18.52		
15	64QAM	1	74	18.50	18.56	18.59		
15	64QAM	36	0	18.60	18.60	18.58	19.6	0
15	64QAM	36	20	18.55	18.53	18.54		
15	64QAM	36	39	18.53	18.57	18.53		
15	64QAM	75	0	18.56	18.57	18.59		
15	256QAM	1	0	17.46	17.48	17.42	19	0.6
15	256QAM	1	37	17.47	17.51	17.50		
15	256QAM	1	74	17.44	17.46	17.47		
15	256QAM	36	0	17.41	17.46	17.46	19	0.6
15	256QAM	36	20	17.51	17.45	17.39		
15	256QAM	36	39	17.47	17.49	17.48		
15	256QAM	75	0	17.50	17.53	17.46		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.56	18.61	18.55	19.6	0
10	QPSK	1	25	18.56	18.60	18.59		
10	QPSK	1	49	18.55	18.59	18.60		
10	QPSK	25	0	18.52	18.60	18.55	19.6	0
10	QPSK	25	12	18.56	18.60	18.54		
10	QPSK	25	25	18.51	18.52	18.60		
10	QPSK	50	0	18.61	18.62	18.57		
10	16QAM	1	0	18.51	18.57	18.53	19.6	0
10	16QAM	1	25	18.61	18.53	18.55		
10	16QAM	1	49	18.52	18.57	18.52		
10	16QAM	25	0	18.60	18.53	18.54	19.6	0
10	16QAM	25	12	18.60	18.54	18.50		
10	16QAM	25	25	18.52	18.55	18.52		
10	16QAM	50	0	18.50	18.60	18.55		
10	64QAM	1	0	18.54	18.63	18.60	19.6	0
10	64QAM	1	25	18.59	18.57	18.57		
10	64QAM	1	49	18.56	18.59	18.52		
10	64QAM	25	0	18.52	18.58	18.50	19.6	0
10	64QAM	25	12	18.59	18.56	18.59		
10	64QAM	25	25	18.52	18.52	18.52		
10	64QAM	50	0	18.58	18.57	18.55		
10	256QAM	1	0	17.48	17.53	17.48	19	0.6
10	256QAM	1	25	17.42	17.45	17.44		
10	256QAM	1	49	17.41	17.42	17.51		
10	256QAM	25	0	17.42	17.51	17.49	19	0.6
10	256QAM	25	12	17.47	17.52	17.49		
10	256QAM	25	25	17.49	17.43	17.40		
10	256QAM	50	0	17.48	17.45	17.44		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.51	18.62	18.58	19.6	0
5	QPSK	1	12	18.56	18.61	18.54		
5	QPSK	1	24	18.55	18.51	18.56		
5	QPSK	12	0	18.59	18.53	18.54	19.6	0
5	QPSK	12	7	18.56	18.61	18.58		
5	QPSK	12	13	18.52	18.61	18.57		
5	QPSK	25	0	18.57	18.54	18.50		
5	16QAM	1	0	18.50	18.52	18.52	19.6	0
5	16QAM	1	12	18.59	18.61	18.51		
5	16QAM	1	24	18.56	18.52	18.50		
5	16QAM	12	0	18.52	18.57	18.57	19.6	0
5	16QAM	12	7	18.58	18.60	18.53		
5	16QAM	12	13	18.59	18.61	18.50		
5	16QAM	25	0	18.50	18.56	18.58		
5	64QAM	1	0	18.57	18.57	18.59	19.6	0
5	64QAM	1	12	18.51	18.62	18.50		
5	64QAM	1	24	18.59	18.52	18.56		
5	64QAM	12	0	18.57	18.54	18.56	19.6	0
5	64QAM	12	7	18.58	18.59	18.51		
5	64QAM	12	13	18.54	18.52	18.58		
5	64QAM	25	0	18.60	18.60	18.50		
5	256QAM	1	0	17.49	17.54	17.42	19	0.6
5	256QAM	1	12	17.44	17.50	17.54		
5	256QAM	1	24	17.43	17.44	17.51		
5	256QAM	12	0	17.43	17.44	17.46	19	0.6
5	256QAM	12	7	17.41	17.47	17.41		
5	256QAM	12	13	17.41	17.47	17.41		
5	256QAM	25	0	17.41	17.49	17.46		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.27	22.38	22.26		
20	QPSK	1	49	22.30	22.32	22.22	24	0
20	QPSK	1	99	22.26	22.26	22.31		
20	QPSK	50	0	21.27	21.32	21.21		
20	QPSK	50	24	21.16	21.20	21.17	23	1
20	QPSK	50	50	21.24	21.21	21.24		
20	QPSK	100	0	21.21	21.28	21.25		
20	16QAM	1	0	21.54	21.56	21.57		
20	16QAM	1	49	21.56	21.65	21.62	23	1
20	16QAM	1	99	21.69	21.67	21.46		
20	16QAM	50	0	20.17	20.25	20.15		
20	16QAM	50	24	20.15	20.28	20.19	22	2
20	16QAM	50	50	20.20	20.17	20.22		
20	16QAM	100	0	20.28	20.25	20.22		
20	64QAM	1	0	20.39	20.45	20.33		
20	64QAM	1	49	20.42	20.43	20.30	22	2
20	64QAM	1	99	20.24	20.51	20.47		
20	64QAM	50	0	19.30	19.18	19.20		
20	64QAM	50	24	19.15	19.31	19.28	21	3
20	64QAM	50	50	19.16	19.32	19.25		
20	64QAM	100	0	19.18	19.20	19.25		
20	256QAM	1	0	17.26	17.31	17.35		
20	256QAM	1	49	17.34	17.33	17.37	19	5
20	256QAM	1	99	17.28	17.35	17.32		
20	256QAM	50	0	17.27	17.37	17.26		
20	256QAM	50	24	17.34	17.32	17.32	19	5
20	256QAM	50	50	17.32	17.31	17.31		
20	256QAM	100	0	17.35	17.32	17.35		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.35	22.32	22.33		
15	QPSK	1	37	22.24	22.29	22.28	24	0
15	QPSK	1	74	22.21	22.26	22.25		
15	QPSK	36	0	21.27	21.26	21.27		
15	QPSK	36	20	21.23	21.29	21.19	23	1
15	QPSK	36	39	21.24	21.23	21.18		
15	QPSK	75	0	21.20	21.26	21.19		
15	16QAM	1	0	21.46	21.55	21.67		
15	16QAM	1	37	21.60	21.66	21.54	23	1
15	16QAM	1	74	21.61	21.70	21.47		
15	16QAM	36	0	20.15	20.24	20.21		
15	16QAM	36	20	20.24	20.19	20.24	22	2
15	16QAM	36	39	20.27	20.23	20.20		
15	16QAM	75	0	20.28	20.30	20.21		
15	64QAM	1	0	20.39	20.40	20.30		
15	64QAM	1	37	20.39	20.34	20.35	22	2
15	64QAM	1	74	20.25	20.52	20.45		
15	64QAM	36	0	19.32	19.25	19.22		
15	64QAM	36	20	19.20	19.24	19.29	21	3
15	64QAM	36	39	19.20	19.29	19.19		
15	64QAM	75	0	19.21	19.23	19.23		
15	256QAM	1	0	17.27	17.39	17.35		
15	256QAM	1	37	17.30	17.38	17.34	19	5
15	256QAM	1	74	17.28	17.27	17.28		
15	256QAM	36	0	17.27	17.36	17.31		
15	256QAM	36	20	17.32	17.39	17.34	19	5
15	256QAM	36	39	17.34	17.30	17.28		
15	256QAM	75	0	17.31	17.37	17.30		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.30	22.36	22.28		
10	QPSK	1	25	22.22	22.32	22.26	24	0
10	QPSK	1	49	22.22	22.29	22.31		
10	QPSK	25	0	21.17	21.28	21.20		
10	QPSK	25	12	21.22	21.22	21.18	23	1
10	QPSK	25	25	21.20	21.30	21.26		
10	QPSK	50	0	21.18	21.27	21.22		
10	16QAM	1	0	21.46	21.59	21.60		
10	16QAM	1	25	21.57	21.68	21.58	23	1
10	16QAM	1	49	21.66	21.67	21.49		
10	16QAM	25	0	20.13	20.24	20.18		
10	16QAM	25	12	20.23	20.17	20.19	22	2
10	16QAM	25	25	20.25	20.25	20.13		
10	16QAM	50	0	20.18	20.30	20.16		
10	64QAM	1	0	20.40	20.39	20.31		
10	64QAM	1	25	20.32	20.37	20.31	22	2
10	64QAM	1	49	20.27	20.51	20.45		
10	64QAM	25	0	19.26	19.17	19.24		
10	64QAM	25	12	19.18	19.29	19.23	21	3
10	64QAM	25	25	19.25	19.23	19.19		
10	64QAM	50	0	19.14	19.14	19.23		
10	256QAM	1	0	17.25	17.34	17.31		
10	256QAM	1	25	17.35	17.34	17.30	19	5
10	256QAM	1	49	17.32	17.30	17.29		
10	256QAM	25	0	17.31	17.38	17.28		
10	256QAM	25	12	17.29	17.32	17.33	19	5
10	256QAM	25	25	17.36	17.37	17.28		
10	256QAM	50	0	17.35	17.31	17.31		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.32	22.35	22.30		
5	QPSK	1	12	22.22	22.32	22.23	24	0
5	QPSK	1	24	22.21	22.28	22.33		
5	QPSK	12	0	21.21	21.25	21.20		
5	QPSK	12	7	21.21	21.24	21.12	23	1
5	QPSK	12	13	21.23	21.22	21.21		
5	QPSK	25	0	21.19	21.21	21.21		
5	16QAM	1	0	21.51	21.60	21.58		
5	16QAM	1	12	21.60	21.65	21.56	23	1
5	16QAM	1	24	21.62	21.71	21.56		
5	16QAM	12	0	20.14	20.23	20.22		
5	16QAM	12	7	20.24	20.24	20.15	22	2
5	16QAM	12	13	20.26	20.20	20.19		
5	16QAM	25	0	20.27	20.25	20.16		
5	64QAM	1	0	20.41	20.39	20.38		
5	64QAM	1	12	20.33	20.41	20.38	22	2
5	64QAM	1	24	20.31	20.49	20.46		
5	64QAM	12	0	19.35	19.23	19.19		
5	64QAM	12	7	19.25	19.29	19.26	21	3
5	64QAM	12	13	19.14	19.33	19.20		
5	64QAM	25	0	19.24	19.25	19.33		
5	256QAM	1	0	17.29	17.37	17.36		
5	256QAM	1	12	17.28	17.36	17.41	19	5
5	256QAM	1	24	17.33	17.29	17.26		
5	256QAM	12	0	17.32	17.31	17.32		
5	256QAM	12	7	17.31	17.39	17.29	19	5
5	256QAM	12	13	17.35	17.38	17.36		
5	256QAM	25	0	17.25	17.31	17.25		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	15.43	15.51	15.47	16.6	0
20	QPSK	1	49	15.38	15.49	15.48		
20	QPSK	1	99	15.46	15.47	15.43		
20	QPSK	50	0	15.48	15.49	15.45	16.6	0
20	QPSK	50	24	15.39	15.46	15.44		
20	QPSK	50	50	15.40	15.43	15.47		
20	QPSK	100	0	15.41	15.46	15.43		
20	16QAM	1	0	15.39	15.49	15.47	16.6	0
20	16QAM	1	49	15.47	15.44	15.40		
20	16QAM	1	99	15.38	15.45	15.46		
20	16QAM	50	0	15.45	15.40	15.44	16.6	0
20	16QAM	50	24	15.38	15.42	15.43		
20	16QAM	50	50	15.49	15.43	15.46		
20	16QAM	100	0	15.43	15.46	15.38		
20	64QAM	1	0	15.39	15.47	15.37	16.6	0
20	64QAM	1	49	15.40	15.47	15.40		
20	64QAM	1	99	15.38	15.42	15.40		
20	64QAM	50	0	14.39	14.23	14.27	16	0.6
20	64QAM	50	24	14.31	14.37	14.35		
20	64QAM	50	50	14.27	14.27	14.31		
20	64QAM	100	0	14.14	14.22	14.38		
20	256QAM	1	0	12.44	12.33	12.34	14	2.6
20	256QAM	1	49	12.43	12.36	12.37		
20	256QAM	1	99	12.37	12.37	12.34		
20	256QAM	50	0	12.47	12.43	12.33	14	2.6
20	256QAM	50	24	12.39	12.41	12.28		
20	256QAM	50	50	12.42	12.46	12.28		
20	256QAM	100	0	12.28	12.43	12.39		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	15.31	15.41	15.39	16.6	0
15	QPSK	1	37	15.38	15.40	15.31		
15	QPSK	1	74	15.40	15.35	15.38		
15	QPSK	36	0	15.30	15.35	15.32	16.6	0
15	QPSK	36	20	15.37	15.38	15.34		
15	QPSK	36	39	15.35	15.39	15.31		
15	QPSK	75	0	15.39	15.35	15.36		
15	16QAM	1	0	15.39	15.37	15.31	16.6	0
15	16QAM	1	37	15.32	15.38	15.35		
15	16QAM	1	74	15.31	15.40	15.35		
15	16QAM	36	0	15.40	15.42	15.31	16.6	0
15	16QAM	36	20	15.33	15.41	15.34		
15	16QAM	36	39	15.33	15.35	15.34		
15	16QAM	75	0	15.37	15.44	15.38		
15	64QAM	1	0	15.31	15.35	15.32	16.6	0
15	64QAM	1	37	15.41	15.34	15.36		
15	64QAM	1	74	15.33	15.41	15.36		
15	64QAM	36	0	14.34	14.25	14.27	16	0.6
15	64QAM	36	20	14.29	14.29	14.24		
15	64QAM	36	39	14.17	14.29	14.21		
15	64QAM	75	0	14.19	14.22	14.34		
15	256QAM	1	0	12.32	12.32	12.28	14	2.6
15	256QAM	1	37	12.39	12.40	12.36		
15	256QAM	1	74	12.32	12.24	12.32		
15	256QAM	36	0	12.37	12.41	12.38	14	2.6
15	256QAM	36	20	12.30	12.28	12.22		
15	256QAM	36	39	12.35	12.36	12.23		
15	256QAM	75	0	12.32	12.29	12.26		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	15.38	15.40	15.33	16.6	0
10	QPSK	1	25	15.32	15.32	15.35		
10	QPSK	1	49	15.38	15.44	15.31		
10	QPSK	25	0	15.41	15.41	15.32	16.6	0
10	QPSK	25	12	15.34	15.42	15.38		
10	QPSK	25	25	15.37	15.34	15.34		
10	QPSK	50	0	15.34	15.40	15.39		
10	16QAM	1	0	15.36	15.33	15.34	16.6	0
10	16QAM	1	25	15.33	15.34	15.37		
10	16QAM	1	49	15.40	15.33	15.37		
10	16QAM	25	0	15.39	15.33	15.36	16.6	0
10	16QAM	25	12	15.32	15.34	15.30		
10	16QAM	25	25	15.39	15.35	15.31		
10	16QAM	50	0	15.35	15.39	15.31		
10	64QAM	1	0	15.37	15.44	15.31	16.6	0
10	64QAM	1	25	15.40	15.40	15.32		
10	64QAM	1	49	15.38	15.40	15.30		
10	64QAM	25	0	14.35	14.25	14.30	16	0.6
10	64QAM	25	12	14.26	14.34	14.20		
10	64QAM	25	25	14.22	14.23	14.21		
10	64QAM	50	0	14.12	14.23	14.38		
10	256QAM	1	0	12.29	12.35	12.32	14	2.6
10	256QAM	1	25	12.29	12.34	12.38		
10	256QAM	1	49	12.32	12.33	12.28		
10	256QAM	25	0	12.42	12.34	12.35	14	2.6
10	256QAM	25	12	12.22	12.28	12.24		
10	256QAM	25	25	12.37	12.31	12.19		
10	256QAM	50	0	12.23	12.39	12.26		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	15.35	15.36	15.33	16.6	0
5	QPSK	1	12	15.40	15.36	15.33		
5	QPSK	1	24	15.35	15.41	15.31		
5	QPSK	12	0	15.34	15.41	15.39	16.6	0
5	QPSK	12	7	15.39	15.32	15.34		
5	QPSK	12	13	15.37	15.37	15.38		
5	QPSK	25	0	15.36	15.41	15.37		
5	16QAM	1	0	15.40	15.38	15.37	16.6	0
5	16QAM	1	12	15.36	15.36	15.39		
5	16QAM	1	24	15.34	15.43	15.38		
5	16QAM	12	0	15.39	15.38	15.40	16.6	0
5	16QAM	12	7	15.41	15.40	15.31		
5	16QAM	12	13	15.34	15.34	15.35		
5	16QAM	25	0	15.38	15.36	15.40		
5	64QAM	1	0	15.41	15.44	15.40	16.6	0
5	64QAM	1	12	15.36	15.35	15.35		
5	64QAM	1	24	15.40	15.44	15.36		
5	64QAM	12	0	14.30	14.26	14.22	16	0.6
5	64QAM	12	7	14.29	14.23	14.23		
5	64QAM	12	13	14.13	14.30	14.28		
5	64QAM	25	0	14.08	14.15	14.37		
5	256QAM	1	0	12.35	12.33	12.24	14	2.6
5	256QAM	1	12	12.34	12.33	12.33		
5	256QAM	1	24	12.37	12.33	12.30		
5	256QAM	12	0	12.33	12.36	12.31	14	2.6
5	256QAM	12	7	12.24	12.35	12.26		
5	256QAM	12	13	12.37	12.31	12.23		
5	256QAM	25	0	12.33	12.37	12.32		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.27	17.37	17.34		
20	QPSK	1	49	17.28	17.33	17.30	19	0
20	QPSK	1	99	17.28	17.36	17.30		
20	QPSK	50	0	16.28	16.35	16.26		
20	QPSK	50	24	16.23	16.27	16.21	18	1
20	QPSK	50	50	16.16	16.24	16.20		
20	QPSK	100	0	16.24	16.29	16.28		
20	16QAM	1	0	16.51	16.66	16.61		
20	16QAM	1	49	16.54	16.72	16.62	18	1
20	16QAM	1	99	16.65	16.65	16.51		
20	16QAM	50	0	15.18	15.28	15.24		
20	16QAM	50	24	15.25	15.19	15.21	17	2
20	16QAM	50	50	15.25	15.28	15.16		
20	16QAM	100	0	15.27	15.29	15.14		
20	64QAM	1	0	15.33	15.39	15.33		
20	64QAM	1	49	15.37	15.33	15.39	17	2
20	64QAM	1	99	15.26	15.42	15.42		
20	64QAM	50	0	14.27	14.26	14.18		
20	64QAM	50	24	14.23	14.26	14.26	16	3
20	64QAM	50	50	14.22	14.31	14.21		
20	64QAM	100	0	14.21	14.26	14.27		
20	256QAM	1	0	12.26	12.42	12.26		
20	256QAM	1	49	12.26	12.40	12.32	14	5
20	256QAM	1	99	12.26	12.34	12.25		
20	256QAM	50	0	12.32	12.35	12.33		
20	256QAM	50	24	12.31	12.39	12.35	14	5
20	256QAM	50	50	12.32	12.38	12.28		
20	256QAM	100	0	12.28	12.30	12.25		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.29	17.30	17.32		
15	QPSK	1	37	17.29	17.31	17.27	19	0
15	QPSK	1	74	17.28	17.27	17.23		
15	QPSK	36	0	16.16	16.33	16.22		
15	QPSK	36	20	16.17	16.29	16.15	18	1
15	QPSK	36	39	16.23	16.24	16.18		
15	QPSK	75	0	16.18	16.21	16.20		
15	16QAM	1	0	16.50	16.64	16.58		
15	16QAM	1	37	16.58	16.64	16.58	18	1
15	16QAM	1	74	16.67	16.69	16.50		
15	16QAM	36	0	15.13	15.34	15.15		
15	16QAM	36	20	15.16	15.19	15.26	17	2
15	16QAM	36	39	15.28	15.18	15.13		
15	16QAM	75	0	15.19	15.31	15.15		
15	64QAM	1	0	15.42	15.41	15.38		
15	64QAM	1	37	15.40	15.39	15.36	17	2
15	64QAM	1	74	15.24	15.46	15.46		
15	64QAM	36	0	14.32	14.17	14.18		
15	64QAM	36	20	14.24	14.34	14.30	16	3
15	64QAM	36	39	14.14	14.28	14.23		
15	64QAM	75	0	14.17	14.22	14.34		
15	256QAM	1	0	12.32	12.42	12.35		
15	256QAM	1	37	12.29	12.40	12.39	14	5
15	256QAM	1	74	12.31	12.29	12.27		
15	256QAM	36	0	12.33	12.31	12.32		
15	256QAM	36	20	12.35	12.27	12.35	14	5
15	256QAM	36	39	12.25	12.37	12.24		
15	256QAM	75	0	12.29	12.31	12.29		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.28	17.33	17.26		
10	QPSK	1	25	17.22	17.34	17.23	19	0
10	QPSK	1	49	17.22	17.29	17.23		
10	QPSK	25	0	16.18	16.29	16.19		
10	QPSK	25	12	16.16	16.19	16.22	18	1
10	QPSK	25	25	16.19	16.27	16.18		
10	QPSK	50	0	16.17	16.21	16.16		
10	16QAM	1	0	16.53	16.58	16.57		
10	16QAM	1	25	16.57	16.68	16.60	18	1
10	16QAM	1	49	16.68	16.68	16.48		
10	16QAM	25	0	15.16	15.28	15.21		
10	16QAM	25	12	15.18	15.22	15.25	17	2
10	16QAM	25	25	15.24	15.20	15.23		
10	16QAM	50	0	15.19	15.20	15.19		
10	64QAM	1	0	15.35	15.38	15.35		
10	64QAM	1	25	15.33	15.36	15.35	17	2
10	64QAM	1	49	15.31	15.46	15.49		
10	64QAM	25	0	14.25	14.27	14.23		
10	64QAM	25	12	14.24	14.35	14.27	16	3
10	64QAM	25	25	14.16	14.28	14.21		
10	64QAM	50	0	14.22	14.20	14.29		
10	256QAM	1	0	12.28	12.35	12.32		
10	256QAM	1	25	12.30	12.31	12.36	14	5
10	256QAM	1	49	12.30	12.37	12.31		
10	256QAM	25	0	12.31	12.28	12.29		
10	256QAM	25	12	12.33	12.39	12.33	14	5
10	256QAM	25	25	12.25	12.37	12.33		
10	256QAM	50	0	12.32	12.35	12.35		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.33	17.35	17.27		
5	QPSK	1	12	17.24	17.35	17.27	19	0
5	QPSK	1	24	17.26	17.31	17.28		
5	QPSK	12	0	16.26	16.27	16.24		
5	QPSK	12	7	16.24	16.23	16.23	18	1
5	QPSK	12	13	16.20	16.22	16.27		
5	QPSK	25	0	16.22	16.25	16.23		
5	16QAM	1	0	16.51	16.64	16.60		
5	16QAM	1	12	16.54	16.71	16.63	18	1
5	16QAM	1	24	16.70	16.69	16.56		
5	16QAM	12	0	15.21	15.33	15.23		
5	16QAM	12	7	15.16	15.28	15.20	17	2
5	16QAM	12	13	15.19	15.22	15.16		
5	16QAM	25	0	15.22	15.28	15.20		
5	64QAM	1	0	15.40	15.36	15.38		
5	64QAM	1	12	15.34	15.33	15.33	17	2
5	64QAM	1	24	15.31	15.44	15.47		
5	64QAM	12	0	14.32	14.23	14.20		
5	64QAM	12	7	14.20	14.26	14.27	16	3
5	64QAM	12	13	14.15	14.27	14.18		
5	64QAM	25	0	14.20	14.19	14.31		
5	256QAM	1	0	12.31	12.43	12.29		
5	256QAM	1	12	12.28	12.36	12.34	14	5
5	256QAM	1	24	12.26	12.29	12.33		
5	256QAM	12	0	12.31	12.30	12.34		
5	256QAM	12	7	12.29	12.30	12.32	14	5
5	256QAM	12	13	12.27	12.28	12.29		
5	256QAM	25	0	12.36	12.38	12.35		

Reduced Power Mode for ECI3

GSM850 Ant0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.75	31.72	31.68	33.50	22.75	22.72	22.68	24.50
GPRS 1 Tx slot	31.74	31.71	31.67	33.50	22.74	22.71	22.67	24.50
GPRS 2 Tx slots	30.96	30.91	30.88	31.70	24.96	24.91	24.88	25.70
GPRS 3 Tx slots	29.11	29.14	29.12	30.00	24.85	24.88	24.86	25.74
GPRS 4 Tx slots	28.07	28.05	27.96	28.70	25.07	25.05	24.96	25.70
EDGE 1 Tx slot	26.02	25.98	25.92	27.00	17.02	16.98	16.92	18.00
EDGE 2 Tx slots	24.88	24.80	24.78	26.00	18.88	18.80	18.78	20.00
EDGE 3 Tx slots	22.64	22.57	22.58	23.50	18.38	18.31	18.32	19.24
EDGE 4 Tx slots	21.43	21.45	21.33	22.50	18.43	18.45	18.33	19.50

Band		WCDMA V Ant0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.74	22.74	22.63	24.00
3GPP Rel 99	RMC 12.2Kbps	22.78	22.81	22.76	24.00
3GPP Rel 6	HSDPA Subtest-1	21.79	21.82	21.72	23.00
3GPP Rel 6	HSDPA Subtest-2	21.82	21.84	21.73	23.00
3GPP Rel 6	HSDPA Subtest-3	21.29	21.37	21.14	22.50
3GPP Rel 6	HSDPA Subtest-4	21.39	21.39	21.15	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.79	21.87	21.70	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.85	21.75	21.68	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.28	21.34	21.27	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.31	21.34	21.26	22.50
3GPP Rel 6	HSUPA Subtest-1	21.80	21.74	21.69	23.00
3GPP Rel 6	HSUPA Subtest-2	19.83	19.73	19.64	21.00
3GPP Rel 6	HSUPA Subtest-3	20.88	20.80	20.76	22.00
3GPP Rel 6	HSUPA Subtest-4	19.90	19.79	19.76	21.00
3GPP Rel 6	HSUPA Subtest-5	21.79	21.81	21.81	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.45	19.48	19.46	20.50

Band 2 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.89	19.91	19.85	20.9	0
20	QPSK	1	49	19.84	19.83	19.85		
20	QPSK	1	99	19.84	19.88	19.88		
20	QPSK	50	0	19.32	19.39	19.35	20.5	0.4
20	QPSK	50	24	19.29	19.37	19.23		
20	QPSK	50	50	19.28	19.32	19.26		
20	16QAM	1	0	19.27	19.37	19.36		
20	16QAM	1	0	19.18	19.37	19.29	20.5	0.4
20	16QAM	1	49	19.23	19.39	19.22		
20	16QAM	1	99	19.30	19.34	19.25		
20	16QAM	50	0	18.26	18.43	18.33	19.5	1.4
20	16QAM	50	24	18.23	18.36	18.28		
20	16QAM	50	50	18.30	18.29	18.33		
20	16QAM	100	0	18.33	18.37	18.38		
20	64QAM	1	0	18.17	18.40	18.22	19.5	1.4
20	64QAM	1	49	18.15	18.39	18.29		
20	64QAM	1	99	18.30	18.29	18.22		
20	64QAM	50	0	17.19	17.36	17.33	18.5	2.4
20	64QAM	50	24	17.21	17.32	17.25		
20	64QAM	50	50	17.32	17.35	17.27		
20	64QAM	100	0	17.23	17.43	17.40		
20	256QAM	1	0	15.22	15.40	15.29	16.5	4.4
20	256QAM	1	49	15.27	15.31	15.29		
20	256QAM	1	99	15.29	15.29	15.31		
20	256QAM	50	0	15.36	15.40	15.41	16.5	4.4
20	256QAM	50	24	15.13	15.40	15.36		
20	256QAM	50	50	15.13	15.34	15.22		
20	256QAM	100	0	15.26	15.36	15.20		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.81	19.76	19.76	20.9	0
15	QPSK	1	37	19.73	19.81	19.83		
15	QPSK	1	74	19.80	19.83	19.73		
15	QPSK	36	0	19.24	19.33	19.24	20.5	0.4
15	QPSK	36	20	19.16	19.30	19.17		
15	QPSK	36	39	19.26	19.22	19.24		
15	QPSK	75	0	19.15	19.27	19.29		
15	16QAM	1	0	19.10	19.26	19.27	20.5	0.4
15	16QAM	1	37	19.18	19.37	19.11		
15	16QAM	1	74	19.24	19.25	19.14		
15	16QAM	36	0	18.13	18.39	18.20	19.5	1.4
15	16QAM	36	20	18.13	18.27	18.14		
15	16QAM	36	39	18.18	18.23	18.21		
15	16QAM	75	0	18.29	18.28	18.28		
15	64QAM	1	0	18.07	18.33	18.18	19.5	1.4
15	64QAM	1	37	18.05	18.30	18.23		
15	64QAM	1	74	18.23	18.20	18.20		
15	64QAM	36	0	17.10	17.30	17.29	18.5	2.4
15	64QAM	36	20	17.17	17.24	17.20		
15	64QAM	36	39	17.30	17.24	17.13		
15	64QAM	75	0	17.15	17.38	17.35		
15	256QAM	1	0	15.09	15.34	15.27	16.5	4.4
15	256QAM	1	37	15.14	15.22	15.26		
15	256QAM	1	74	15.15	15.19	15.28		
15	256QAM	36	0	15.22	15.30	15.32	16.5	4.4
15	256QAM	36	20	15.06	15.37	15.24		
15	256QAM	36	39	15.07	15.21	15.19		
15	256QAM	75	0	15.20	15.30	15.17		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.74	19.85	19.72	20.9	0
10	QPSK	1	25	19.76	19.76	19.81		
10	QPSK	1	49	19.82	19.78	19.82		
10	QPSK	25	0	19.23	19.32	19.25	20.5	0.4
10	QPSK	25	12	19.24	19.26	19.16		
10	QPSK	25	25	19.16	19.29	19.20		
10	QPSK	50	0	19.23	19.30	19.32		
10	16QAM	1	0	19.05	19.26	19.22	20.5	0.4
10	16QAM	1	25	19.17	19.30	19.20		
10	16QAM	1	49	19.21	19.26	19.20		
10	16QAM	25	0	18.16	18.34	18.20	19.5	1.4
10	16QAM	25	12	18.10	18.28	18.19		
10	16QAM	25	25	18.25	18.17	18.24		
10	16QAM	50	0	18.28	18.27	18.28		
10	64QAM	1	0	18.11	18.36	18.16	19.5	1.4
10	64QAM	1	25	18.03	18.35	18.22		
10	64QAM	1	49	18.27	18.16	18.11		
10	64QAM	25	0	17.07	17.24	17.28	18.5	2.4
10	64QAM	25	12	17.17	17.20	17.19		
10	64QAM	25	25	17.19	17.24	17.14		
10	64QAM	50	0	17.15	17.33	17.27		
10	256QAM	1	0	15.13	15.29	15.16	16.5	4.4
10	256QAM	1	25	15.19	15.24	15.21		
10	256QAM	1	49	15.20	15.23	15.26		
10	256QAM	25	0	15.27	15.37	15.33	16.5	4.4
10	256QAM	25	12	15.09	15.34	15.24		
10	256QAM	25	25	15.01	15.25	15.16		
10	256QAM	50	0	15.18	15.24	15.14		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.79	19.85	19.77	20.9	0
5	QPSK	1	12	19.79	19.78	19.76		
5	QPSK	1	24	19.78	19.78	19.74		
5	QPSK	12	0	19.21	19.29	19.32	20.5	0.4
5	QPSK	12	7	19.24	19.34	19.11		
5	QPSK	12	13	19.24	19.24	19.15		
5	QPSK	25	0	19.24	19.27	19.26		
5	16QAM	1	0	19.05	19.29	19.17	20.5	0.4
5	16QAM	1	12	19.15	19.37	19.09		
5	16QAM	1	24	19.22	19.22	19.13		
5	16QAM	12	0	18.13	18.37	18.24	19.5	1.4
5	16QAM	12	7	18.14	18.30	18.24		
5	16QAM	12	13	18.20	18.27	18.23		
5	16QAM	25	0	18.27	18.32	18.26		
5	64QAM	1	0	18.10	18.34	18.18	19.5	1.4
5	64QAM	1	12	18.06	18.30	18.21		
5	64QAM	1	24	18.25	18.15	18.19		
5	64QAM	12	0	17.06	17.26	17.20	18.5	2.4
5	64QAM	12	7	17.14	17.18	17.21		
5	64QAM	12	13	17.24	17.26	17.18		
5	64QAM	25	0	17.14	17.36	17.31		
5	256QAM	1	0	15.08	15.28	15.24	16.5	4.4
5	256QAM	1	12	15.19	15.19	15.27		
5	256QAM	1	24	15.19	15.19	15.27		
5	256QAM	12	0	15.22	15.38	15.38	16.5	4.4
5	256QAM	12	7	15.11	15.29	15.33		
5	256QAM	12	13	15.07	15.22	15.20		
5	256QAM	25	0	15.16	15.28	15.10		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.75	19.78	19.78	20.9	0
3	QPSK	1	8	19.75	19.78	19.79		
3	QPSK	1	14	19.73	19.84	19.83		
3	QPSK	8	0	19.24	19.31	19.30	20.5	0.4
3	QPSK	8	4	19.24	19.32	19.14		
3	QPSK	8	7	19.21	19.23	19.14		
3	QPSK	15	0	19.15	19.28	19.30		
3	16QAM	1	0	19.09	19.24	19.24	20.5	0.4
3	16QAM	1	8	19.13	19.30	19.08		
3	16QAM	1	14	19.17	19.25	19.22		
3	16QAM	8	0	18.14	18.35	18.24	19.5	1.4
3	16QAM	8	4	18.20	18.30	18.19		
3	16QAM	8	7	18.17	18.24	18.29		
3	16QAM	15	0	18.22	18.23	18.31		
3	64QAM	1	0	18.04	18.34	18.15	19.5	1.4
3	64QAM	1	8	18.06	18.28	18.17		
3	64QAM	1	14	18.27	18.20	18.14		
3	64QAM	8	0	17.09	17.28	17.20	18.5	2.4
3	64QAM	8	4	17.09	17.28	17.12		
3	64QAM	8	7	17.27	17.27	17.22		
3	64QAM	15	0	17.13	17.34	17.32		
3	256QAM	1	0	15.17	15.30	15.20	16.5	4.4
3	256QAM	1	8	15.16	15.21	15.17		
3	256QAM	1	14	15.18	15.22	15.28		
3	256QAM	8	0	15.32	15.31	15.34	16.5	4.4
3	256QAM	8	4	15.08	15.28	15.26		
3	256QAM	8	7	15.03	15.29	15.15		
3	256QAM	15	0	15.14	15.25	15.10		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.73	19.84	19.80	20.9	0
1.4	QPSK	1	3	19.80	19.75	19.77		
1.4	QPSK	1	5	19.83	19.76	19.79		
1.4	QPSK	3	0	19.76	19.84	19.83		
1.4	QPSK	3	1	19.76	19.83	19.77		
1.4	QPSK	3	3	19.80	19.78	19.76		
1.4	QPSK	6	0	19.19	19.25	19.29	20.5	0.4
1.4	16QAM	1	0	19.19	19.27	19.17	20.5	0.4
1.4	16QAM	1	3	19.21	19.28	19.21		
1.4	16QAM	1	5	19.21	19.23	19.29		
1.4	16QAM	3	0	19.15	19.25	19.21		
1.4	16QAM	3	1	19.16	19.28	19.11		
1.4	16QAM	3	3	19.24	19.24	19.20		
1.4	16QAM	6	0	18.22	18.41	18.28	19.5	1.4
1.4	64QAM	1	0	18.16	18.29	18.21	19.5	1.4
1.4	64QAM	1	3	18.23	18.38	18.27		
1.4	64QAM	1	5	18.19	18.24	18.24		
1.4	64QAM	3	0	18.23	18.23	18.28		
1.4	64QAM	3	1	18.31	18.26	18.27		
1.4	64QAM	3	3	18.12	18.28	18.10		
1.4	64QAM	6	0	17.18	17.30	17.22	18.5	2.4
1.4	256QAM	1	0	15.15	15.34	15.27	16.5	4.4
1.4	256QAM	1	3	15.17	15.25	15.23		
1.4	256QAM	1	5	15.23	15.17	15.28		
1.4	256QAM	3	0	15.30	15.27	15.38		
1.4	256QAM	3	1	15.06	15.36	15.31		
1.4	256QAM	3	3	15.06	15.23	15.11		
1.4	256QAM	6	0	15.21	15.24	15.13	16.5	4.4

Band 4 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.28	20.33	20.29	21.5	0
20	QPSK	1	49	20.10	20.31	20.18		
20	QPSK	1	99	20.16	20.25	20.23		
20	QPSK	50	0	19.24	19.32	19.29	20.5	1
20	QPSK	50	24	19.25	19.31	19.14		
20	QPSK	50	50	19.21	19.29	19.23		
20	16QAM	100	0	19.21	19.29	19.28		
20	16QAM	1	0	19.13	19.25	19.22	20.5	1
20	16QAM	1	49	19.17	19.27	19.14		
20	16QAM	1	99	19.19	19.31	19.17		
20	16QAM	50	0	18.23	18.35	18.24	19.5	2
20	16QAM	50	24	18.21	18.30	18.24		
20	16QAM	50	50	18.24	18.25	18.25		
20	16QAM	100	0	18.26	18.35	18.35		
20	64QAM	1	0	18.06	18.38	18.14	19.5	2
20	64QAM	1	49	18.05	18.33	18.20		
20	64QAM	1	99	18.28	18.15	18.19		
20	64QAM	50	0	17.10	17.27	17.30	18.5	3
20	64QAM	50	24	17.10	17.27	17.11		
20	64QAM	50	50	17.21	17.23	17.20		
20	64QAM	100	0	17.13	17.30	17.36		
20	256QAM	1	0	15.09	15.29	15.24	16.5	5
20	256QAM	1	49	15.21	15.19	15.24		
20	256QAM	1	99	15.18	15.16	15.20		
20	256QAM	50	0	15.33	15.31	15.36	16.5	5
20	256QAM	50	24	15.01	15.32	15.28		
20	256QAM	50	50	15.09	15.22	15.09		
20	256QAM	100	0	15.12	15.25	15.10		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.25	20.31	20.30	21.5	0
15	QPSK	1	37	20.12	20.32	20.22		
15	QPSK	1	74	20.19	20.16	20.30		
15	QPSK	36	0	19.28	19.32	19.29	20.5	1
15	QPSK	36	20	19.20	19.26	19.12		
15	QPSK	36	39	19.15	19.29	19.13		
15	QPSK	75	0	19.18	19.23	19.32		
15	16QAM	1	0	19.08	19.25	19.27	20.5	1
15	16QAM	1	37	19.16	19.37	19.11		
15	16QAM	1	74	19.23	19.22	19.23		
15	16QAM	36	0	18.19	18.33	18.27	19.5	2
15	16QAM	36	20	18.16	18.30	18.25		
15	16QAM	36	39	18.24	18.24	18.27		
15	16QAM	75	0	18.27	18.29	18.25		
15	64QAM	1	0	18.13	18.37	18.18	19.5	2
15	64QAM	1	37	18.11	18.36	18.18		
15	64QAM	1	74	18.26	18.25	18.10		
15	64QAM	36	0	17.14	17.32	17.27	18.5	3
15	64QAM	36	20	17.17	17.19	17.22		
15	64QAM	36	39	17.19	17.25	17.24		
15	64QAM	75	0	17.18	17.40	17.34		
15	256QAM	1	0	15.20	15.37	15.21	16.5	5
15	256QAM	1	37	15.21	15.29	15.26		
15	256QAM	1	74	15.20	15.19	15.28		
15	256QAM	36	0	15.33	15.29	15.33	16.5	5
15	256QAM	36	20	15.06	15.35	15.32		
15	256QAM	36	39	15.09	15.31	15.19		
15	256QAM	75	0	15.17	15.28	15.12		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.28	20.25	20.31	21.5	0
10	QPSK	1	25	20.08	20.26	20.17		
10	QPSK	1	49	20.17	20.16	20.29		
10	QPSK	25	0	19.28	19.27	19.27	20.5	1
10	QPSK	25	12	19.25	19.34	19.17		
10	QPSK	25	25	19.18	19.22	19.16		
10	QPSK	50	0	19.16	19.29	19.32		
10	16QAM	1	0	19.06	19.34	19.16	20.5	1
10	16QAM	1	25	19.18	19.26	19.11		
10	16QAM	1	49	19.26	19.29	19.21		
10	16QAM	25	0	18.22	18.29	18.31	19.5	2
10	16QAM	25	12	18.16	18.25	18.22		
10	16QAM	25	25	18.17	18.20	18.31		
10	16QAM	50	0	18.26	18.32	18.34		
10	64QAM	1	0	18.06	18.33	18.19	19.5	2
10	64QAM	1	25	18.06	18.26	18.19		
10	64QAM	1	49	18.19	18.24	18.12		
10	64QAM	25	0	17.10	17.27	17.23	18.5	3
10	64QAM	25	12	17.15	17.26	17.19		
10	64QAM	25	25	17.28	17.22	17.21		
10	64QAM	50	0	17.12	17.36	17.33		
10	256QAM	1	0	15.20	15.38	15.16	16.5	5
10	256QAM	1	25	15.19	15.23	15.27		
10	256QAM	1	49	15.26	15.21	15.29		
10	256QAM	25	0	15.30	15.31	15.31	16.5	5
10	256QAM	25	12	15.00	15.31	15.25		
10	256QAM	25	25	15.03	15.25	15.09		
10	256QAM	50	0	15.22	15.25	15.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.29	20.25	20.25	21.5	0
5	QPSK	1	12	20.05	20.31	20.15		
5	QPSK	1	24	20.26	20.24	20.31		
5	QPSK	12	0	19.22	19.28	19.32	20.5	1
5	QPSK	12	7	19.22	19.30	19.16		
5	QPSK	12	13	19.25	19.25	19.12		
5	QPSK	25	0	19.22	19.27	19.28		
5	16QAM	1	0	19.11	19.34	19.24	20.5	1
5	16QAM	1	12	19.21	19.27	19.14		
5	16QAM	1	24	19.23	19.27	19.21		
5	16QAM	12	0	18.17	18.39	18.24	19.5	2
5	16QAM	12	7	18.21	18.32	18.17		
5	16QAM	12	13	18.25	18.19	18.31		
5	16QAM	25	0	18.25	18.34	18.31		
5	64QAM	1	0	18.05	18.29	18.17	19.5	2
5	64QAM	1	12	18.08	18.32	18.15		
5	64QAM	1	24	18.21	18.19	18.13		
5	64QAM	12	0	17.09	17.24	17.26	18.5	3
5	64QAM	12	7	17.15	17.19	17.12		
5	64QAM	12	13	17.29	17.24	17.23		
5	64QAM	25	0	17.21	17.40	17.30		
5	256QAM	1	0	15.19	15.29	15.22	16.5	5
5	256QAM	1	12	15.21	15.25	15.16		
5	256QAM	1	24	15.20	15.16	15.25		
5	256QAM	12	0	15.33	15.29	15.28	16.5	5
5	256QAM	12	7	15.04	15.31	15.32		
5	256QAM	12	13	15.10	15.31	15.14		
5	256QAM	25	0	15.18	15.29	15.11		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.27	20.29	20.30	21.5	0
3	QPSK	1	8	20.11	20.28	20.22		
3	QPSK	1	14	20.26	20.23	20.25		
3	QPSK	8	0	19.19	19.30	19.30	20.5	1
3	QPSK	8	4	19.26	19.27	19.09		
3	QPSK	8	7	19.15	19.24	19.20		
3	QPSK	15	0	19.15	19.35	19.31		
3	16QAM	1	0	19.10	19.26	19.21	20.5	1
3	16QAM	1	8	19.12	19.29	19.09		
3	16QAM	1	14	19.21	19.21	19.20		
3	16QAM	8	0	18.15	18.29	18.30	19.5	2
3	16QAM	8	4	18.18	18.29	18.20		
3	16QAM	8	7	18.17	18.26	18.29		
3	16QAM	15	0	18.20	18.33	18.35		
3	64QAM	1	0	18.15	18.28	18.10	19.5	2
3	64QAM	1	8	18.13	18.26	18.16		
3	64QAM	1	14	18.27	18.23	18.15		
3	64QAM	8	0	17.07	17.29	17.21	18.5	3
3	64QAM	8	4	17.11	17.26	17.20		
3	64QAM	8	7	17.25	17.32	17.16		
3	64QAM	15	0	17.11	17.36	17.30		
3	256QAM	1	0	15.08	15.34	15.24	16.5	5
3	256QAM	1	8	15.20	15.26	15.26		
3	256QAM	1	14	15.26	15.19	15.25		
3	256QAM	8	0	15.32	15.36	15.33	16.5	5
3	256QAM	8	4	15.04	15.37	15.32		
3	256QAM	8	7	15.02	15.26	15.12		
3	256QAM	15	0	15.16	15.30	15.07		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.16	20.14	20.20	21.5	0
1.4	QPSK	1	3	20.08	20.19	20.02		
1.4	QPSK	1	5	20.18	20.19	20.13		
1.4	QPSK	3	0	20.16	20.27	20.16		
1.4	QPSK	3	1	20.06	20.22	20.12		
1.4	QPSK	3	3	20.06	20.07	20.19		
1.4	QPSK	6	0	19.07	19.21	19.24	20.5	1
1.4	16QAM	1	0	19.13	19.17	19.05	20.5	1
1.4	16QAM	1	3	19.14	19.19	19.15		
1.4	16QAM	1	5	19.16	19.11	19.17		
1.4	16QAM	3	0	19.05	19.21	19.10		
1.4	16QAM	3	1	19.05	19.20	19.05		
1.4	16QAM	3	3	19.18	19.16	19.14		
1.4	16QAM	6	0	18.10	18.28	18.25	19.5	2
1.4	64QAM	1	0	18.14	18.19	18.07	19.5	2
1.4	64QAM	1	3	18.20	18.26	18.18		
1.4	64QAM	1	5	18.08	18.11	18.20		
1.4	64QAM	3	0	18.17	18.09	18.14		
1.4	64QAM	3	1	18.24	18.14	18.20		
1.4	64QAM	3	3	18.02	18.15	18.00		
1.4	64QAM	6	0	17.13	17.24	17.20	18.5	3
1.4	256QAM	1	0	15.10	15.26	15.19	16.5	5
1.4	256QAM	1	3	15.05	15.12	15.10		
1.4	256QAM	1	5	15.10	15.08	15.22		
1.4	256QAM	3	0	15.17	15.18	15.33		
1.4	256QAM	3	1	15.03	15.32	15.18		
1.4	256QAM	3	3	15.02	15.13	15.02		
1.4	256QAM	6	0	15.15	15.21	15.01	16.5	5

Band 5 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.45	22.46	22.43	24	0
10	QPSK	1	25	22.27	22.41	22.34		
10	QPSK	1	49	22.36	22.42	22.39		
10	QPSK	25	0	21.42	21.52	21.47	23	1
10	QPSK	25	12	21.43	21.42	21.32		
10	QPSK	25	25	21.44	21.45	21.44		
10	QPSK	50	0	21.43	21.49	21

Band 7 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.24	21.27	21.17	22.5	0
20	QPSK	1	49	21.11	21.16	21.09		
20	QPSK	1	99	21.08	21.22	21.17		
20	QPSK	50	0	20.24	20.28	20.26	21.5	1
20	QPSK	50	24	20.24	20.22	20.21		
20	QPSK	50	50	20.24	20.23	20.27		
20	QPSK	100	0	20.26	20.27	20.25		
20	16QAM	1	0	20.26	20.21	20.24	21.5	1
20	16QAM	1	49	20.21	20.22	20.29		
20	16QAM	1	99	20.20	20.24	20.24		
20	16QAM	50	0	19.24	19.35	19.17	20.5	2
20	16QAM	50	24	19.20	19.29	19.30		
20	16QAM	50	50	19.25	19.28	19.20		
20	16QAM	100	0	19.29	19.32	19.29		
20	64QAM	1	0	19.08	19.34	19.08	20.5	2
20	64QAM	1	49	19.06	19.38	19.21		
20	64QAM	1	99	19.26	19.07	19.22		
20	64QAM	50	0	18.02	18.34	18.29	19.5	3
20	64QAM	50	24	18.09	18.31	18.15		
20	64QAM	50	50	18.25	18.20	18.09		
20	64QAM	100	0	18.18	18.38	18.46		
20	256QAM	1	0	16.05	16.28	16.27	17.5	5
20	256QAM	1	49	16.15	16.14	16.22		
20	256QAM	1	99	16.23	16.16	16.30		
20	256QAM	50	0	16.34	16.41	16.36	17.5	5
20	256QAM	50	24	16.00	16.22	16.28		
20	256QAM	50	50	16.08	16.18	16.09		
20	256QAM	100	0	16.09	16.19	16.08		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.19	21.15	21.13	22.5	0
15	QPSK	1	37	21.00	21.14	21.05		
15	QPSK	1	74	20.98	21.15	21.15		
15	QPSK	36	0	20.13	20.18	20.17	21.5	1
15	QPSK	36	20	20.22	20.20	20.13		
15	QPSK	36	39	20.14	20.19	20.14		
15	QPSK	75	0	20.12	20.19	20.21		
15	16QAM	1	0	20.21	20.15	20.19	21.5	1
15	16QAM	1	37	20.20	20.22	20.22		
15	16QAM	1	74	20.11	20.19	20.21		
15	16QAM	36	0	19.22	19.29	19.13	20.5	2
15	16QAM	36	20	19.11	19.14	19.28		
15	16QAM	36	39	19.28	19.25	19.15		
15	16QAM	75	0	19.18	19.26	19.30		
15	64QAM	1	0	19.00	19.31	19.04	20.5	2
15	64QAM	1	37	19.04	19.36	19.11		
15	64QAM	1	74	19.18	19.00	19.17		
15	64QAM	36	0	17.95	18.29	18.18	19.5	3
15	64QAM	36	20	18.02	18.25	17.98		
15	64QAM	36	39	18.13	18.20	18.13		
15	64QAM	75	0	18.01	18.29	18.36		
15	256QAM	1	0	16.04	16.17	16.20	17.5	5
15	256QAM	1	37	16.07	16.11	16.21		
15	256QAM	1	74	16.14	16.06	16.14		
15	256QAM	36	0	16.34	16.29	16.25	17.5	5
15	256QAM	36	20	15.97	16.17	16.23		
15	256QAM	36	39	16.02	16.23	16.00		
15	256QAM	75	0	16.08	16.14	16.06		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.21	21.21	21.19	22.5	0
10	QPSK	1	25	21.02	21.17	21.03		
10	QPSK	1	49	20.99	21.13	21.16		
10	QPSK	25	0	20.11	20.20	20.12	21.5	1
10	QPSK	25	12	20.14	20.17	20.12		
10	QPSK	25	25	20.17	20.19	20.21		
10	QPSK	50	0	20.13	20.19	20.13		
10	16QAM	1	0	20.22	20.19	20.12	21.5	1
10	16QAM	1	25	20.12	20.22	20.16		
10	16QAM	1	49	20.16	20.18	20.13		
10	16QAM	25	0	19.24	19.19	19.06	20.5	2
10	16QAM	25	12	19.06	19.17	19.26		
10	16QAM	25	25	19.27	19.21	19.19		
10	16QAM	50	0	19.24	19.27	19.30		
10	64QAM	1	0	19.09	19.31	19.10	20.5	2
10	64QAM	1	25	19.02	19.35	19.15		
10	64QAM	1	49	19.25	19.02	19.22		
10	64QAM	25	0	18.05	18.29	18.19	19.5	3
10	64QAM	25	12	18.09	18.23	18.02		
10	64QAM	25	25	18.15	18.10	18.08		
10	64QAM	50	0	18.09	18.25	18.32		
10	256QAM	1	0	16.06	16.25	16.27	17.5	5
10	256QAM	1	25	16.07	16.13	16.24		
10	256QAM	1	49	16.18	15.99	16.23		
10	256QAM	25	0	16.27	16.28	16.31	17.5	5
10	256QAM	25	12	15.95	16.16	16.25		
10	256QAM	25	25	15.94	16.13	15.92		
10	256QAM	50	0	16.03	16.15	16.02		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.17	21.19	21.12	22.5	0
5	QPSK	1	12	21.04	21.15	21.03		
5	QPSK	1	24	21.08	21.13	21.18		
5	QPSK	12	0	20.21	20.18	20.17	21.5	1
5	QPSK	12	7	20.23	20.19	20.21		
5	QPSK	12	13	20.15	20.17	20.20		
5	QPSK	25	0	20.17	20.16	20.16		
5	16QAM	1	0	20.19	20.11	20.16	21.5	1
5	16QAM	1	12	20.15	20.20	20.20		
5	16QAM	1	24	20.18	20.12	20.14		
5	16QAM	12	0	19.19	19.29	19.08	20.5	2
5	16QAM	12	7	19.09	19.21	19.21		
5	16QAM	12	13	19.21	19.23	19.09		
5	16QAM	25	0	19.21	19.20	19.21		
5	64QAM	1	0	18.99	19.27	19.07	20.5	2
5	64QAM	1	12	18.97	19.30	19.18		
5	64QAM	1	24	19.23	19.09	19.20		
5	64QAM	12	0	17.96	18.25	18.18	19.5	3
5	64QAM	12	7	18.10	18.20	18.03		
5	64QAM	12	13	18.10	18.16	18.03		
5	64QAM	25	0	18.01	18.27	18.35		
5	256QAM	1	0	15.98	16.24	16.16	17.5	5
5	256QAM	1	12	16.06	16.17	16.25		
5	256QAM	1	24	16.13	16.10	16.13		
5	256QAM	12	0	16.26	16.25	16.30	17.5	5
5	256QAM	12	7	16.00	16.23	16.26		
5	256QAM	12	13	16.00	16.14	16.02		
5	256QAM	25	0	16.05	16.08	16.00		

Band 12 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.47	22.51	22.50	24	0
10	QPSK	1	25	22.35	22.39	22.32		
10	QPSK	1	49	22.30	22.50	22.47		
10	QPSK	25	0	21.40	21.50	21.45	23	1
10	QPSK	25	12	21.42	21.49	21.33		
10	QPSK	25	25	21.46	21.47	21.46		
10	QPSK	50	0	21.44	21.47	21.45		
10	16QAM	1	0	21.38	21.51	21.48	23	1
10	16QAM	1	25	21.31	21.44	21.42		
10	16QAM	1	49	21.40	21.57	21.44		
10	16QAM	25	0	20.47	20.52	20.41	22	2
10	16QAM	25	12	20.37	20.52	20.53		
10	16QAM	25	25	20.56	20.48	20.44		
10	16QAM	50	0	20.55	20.49	20.60		
10	64QAM	1	0	20.28	20.56	20.35	22	2
10	64QAM	1	25	20.33	20.58	20.48		
10	64QAM	1	49	20.54	20.36	20.49		
10	64QAM	25	0	19.23	19.58	19.44	21	3
10	64QAM	25	12	19.40	19.52	19.36		
10	64QAM	25	25	19.42	19.44	19.41		
10	64QAM	50	0	19.32	19.59	19.66		
10	256QAM	1	0	17.29	17.52	17.54	19	5
10	256QAM	1	25	17.41	17.41	17.48		
10	256QAM	1	49	17.44	17.30	17.49		
10	256QAM	25	0	17.62	17.64	17.53	19	5
10	256QAM	25	12	17.22	17.46	17.57		
10	256QAM	25	25	17.26	17.47	17.25		
10	256QAM	50	0	17.34	17.48	17.28		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.46	22.41	22.39	24	0
5	QPSK	1	12	22.25	22.36	22.33		
5	QPSK	1	24	22.22	22.33	22.29		
5	QPSK	12	0	21.36	21.42	21.42	23	1
5	QPSK	12	7	21.37	21.40	21.27		
5	QPSK	12	13	21.36	21.45	21.35		
5	QPSK	25	0	21.43	21.33	21.41		
5	16QAM	1	0	21.37	21.40	21.46	23	1
5	16QAM	1	12	21.28	21.36	21.32		
5	16QAM	1	24	21.35	21.53	21.32		
5	16QAM	12	0	20.40	20.41	20.37	22	2
5	16QAM	12	7	20.27	20.41	20.41		
5	16QAM	12	13	20.49	20.49	20.34		
5	16QAM	25	0	20.45	20.52	20.51		
5	64QAM	1	0	20.25	20.47	20.30	22	2
5	64QAM	1	12	20.18	20.54	20.41		
5	64QAM	1	24	20.44	20.27	20.40		
5	64QAM	12	0	19.20	19.48	19.41	21	3
5	64QAM	12	7	19.29	19.49	19.24		
5	64QAM	12	13	19.32	19.43	19.33		
5	64QAM	25	0	19.25	19.56	19.55		
5	256QAM	1	0	17.29	17.48	17.49	19	5
5	256QAM	1	12	17.34	17.35	17.46		
5	256QAM	1	24	17.42	17.28	17.38		
5	256QAM	12	0	17.55	17.47	17.52	19	5
5	256QAM	12	7	17.21	17.45	17.45		
5	256QAM	12	13	17.26	17.38	17.25		
5	256QAM	25	0	17.24	17.34	17.22		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.43	22.46	22.44	24	0
3	QPSK	1	8	22.19	22.40	22.28		
3	QPSK	1	14	22.29	22.38	22.34		
3	QPSK	8	0	21.35	21.42	21.44	23	1
3	QPSK	8	4	21.44	21.36	21.31		
3	QPSK	8	7	21.36	21.39	21.44		
3	QPSK	15	0	21.43	21.34	21.40		
3	16QAM	1	0	21.39	21.38	21.38	23	1
3	16QAM	1	8	21.36	21.36	21.28		
3	16QAM	1	14	21.36	21.53	21.36		
3	16QAM	8	0	20.40	20.44	20.30	22	2
3	16QAM	8	4	20.35	20.46	20.52		
3	16QAM	8	7	20.44	20.46	20.38		
3	16QAM	15	0	20.42	20.46	20.47		
3	64QAM	1	0	20.26	20.53	20.30	22	2
3	64QAM	1	8	20.20	20.54	20.38		
3	64QAM	1	14	20.47	20.32	20.37		
3	64QAM	8	0	19.22	19.41	19.41	21	3
3	64QAM	8	4	19.25	19.48	19.26		
3	64QAM	8	7	19.39	19.35	19.36		
3	64QAM	15	0	19.30	19.46	19.62		
3	256QAM	1	0	17.25	17.47	17.44	19	5
3	256QAM	1	8	17.27	17.31	17.39		
3	256QAM	1	14	17.33	17.28	17.39		
3	256QAM	8	0	17.53	17.50	17.54	19	5
3	256QAM	8	4	17.23	17.38	17.51		
3	256QAM	8	7	17.26	17.39	17.17		
3	256QAM	15	0	17.26	17.33	17.25		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.37	22.30	22.34	24	0
1.4	QPSK	1	3	22.23	22.32	22.19		
1.4	QPSK	1	5	22.31	22.28	22.23		
1.4	QPSK	3	0	22.28	22.37	22.25		
1.4	QPSK	3	1	22.25	22.43	22.27		
1.4	QPSK	3	3	22.16	22.26	22.33		
1.4	QPSK	6	0	21.23	21.38	21.35	23	1
1.4	16QAM	1	0	21.22	21.30	21.24	23	1
1.4	16QAM	1	3	21.24	21.37	21.32		
1.4	16QAM	1	5	21.29	21.27	21.32		
1.4	16QAM	3	0	21.22	21.31	21.30		
1.4	16QAM	3	1	21.23	21.34	21.24		
1.4	16QAM	3	3	21.28	21.28	21.34		
1.4	16QAM	6	0	20.28	20.40	20.39	22	2
1.4	64QAM	1	0	20.27	20.34	20.27	22	2
1.4	64QAM	1	3	20.31	20.36	20.35		
1.4	64QAM	1	5	20.26	20.29	20.36		
1.4	64QAM	3	0	20.37	20.21	20.29		
1.4	64QAM	3	1	20.34	20.23	20.38		
1.4	64QAM	3	3	20.17	20.29	20.14		
1.4	64QAM	6	0	19.25	19.42	19.38	21	3
1.4	256QAM	1	0	17.19	17.42	17.38	19	5
1.4	256QAM	1	3	17.23	17.24	17.22		
1.4	256QAM	1	5	17.31	17.25	17.40		
1.4	256QAM	3	0	17.29	17.39	17.44		
1.4	256QAM	3	1	17.19	17.50	17.31		
1.4	256QAM	3	3	17.13	17.24	17.11		
1.4	256QAM	6	0	17.32	17.34	17.10	19	5

Band 13 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.47		24	0
10	QPSK	1	25		22.37			
10	QPSK	1	49		22.40			
10	QPSK	25	0		21.45		23	1
10	QPSK	25	12		21.44			
10	QPSK	25	25		21.44			
10	QPSK	50	0		21.42			
10	16QAM	1	0		21.50		23	1
10	16QAM	1	25		21.45			
10	16QAM	1	49		21.59			
10	16QAM	25	0		20.55		22	2
10	16QAM	25	12		20.44			
10	16QAM	25	25		20.53			
10	16QAM	50	0		20.54			
10	64QAM	1	0		20.59		22	2
10	64QAM	1	25		20.54			
10	64QAM	1	49		20.31			
10	64QAM	25	0		19.51		21	3
10	64QAM	25	12		19.54			
10	64QAM	25	25		19.36			
10	64QAM	50	0		19.53			
10	256QAM	1	0		17.51		19	5
10	256QAM	1	25		17.43			
10	256QAM	1	49		17.27			
10	256QAM	25	0		17.56		19	5
10	256QAM	25	12		17.44			
10	256QAM	25	25		17.39			
10	256QAM	50	0		17.42			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.42	22.43	22.46	24	0
5	QPSK	1	12	22.25	22.45	22.32		
5	QPSK	1	24	22.29	22.36	22.45		
5	QPSK	12	0	21.44	21.46	21.48	23	1
5	QPSK	12	7	21.43	21.45	21.32		
5	QPSK	12	13	21.49	21.47	21.44		
5	QPSK	25	0	21.45	21.47	21.45		
5	16QAM	1	0	21.32	21.46	21.45	23	1
5	16QAM	1	12	21.39	21.43	21.40		
5	16QAM	1	24	21.40	21.61	21.35		
5	16QAM	12	0	20.50	20.46	20.39	22	2
5	16QAM	12	7	20.36	20.48	20.52		
5	16QAM	12	13	20.53	20.42	20.37		
5	16QAM	25	0	20.46	20.48	20.51		
5	64QAM	1	0	20.26	20.53	20.36	22	2
5	64QAM	1	12	20.24	20.53	20.39		
5	64QAM	1	24	20.50	20.33	20.42		
5	64QAM	12	0	19.26	19.46	19.48	21	3
5	64QAM	12	7	19.33	19.44	19.30		
5	64QAM	12	13	19.41	19.41	19.29		
5	64QAM	25	0	19.27	19.58	19.54		
5	256QAM	1	0	17.25	17.47	17.42	19	5
5	256QAM	1	12	17.30	17.41	17.46		
5	256QAM	1	24	17.45	17.27	17.45		
5	256QAM	12	0	17.51	17.55	17.49	19	5
5	256QAM	12	7	17.25	17.44	17.56		
5	256QAM	12	13	17.21	17.43	17.22		
5	256QAM	25	0	17.33	17.38	17.26		

Band 17 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.49	22.52	22.43	24	0
10	QPSK	1	25	22.33	22.43	22.35		
10	QPSK	1	49	22.33	22.42	22.38		
10	QPSK	25	0	21.46	21.53	21.45	23	1
10	QPSK	25	12	21.51	21.49	21.36		
10	QPSK	25	25	21.45	21.43	21.51		
10	QPSK	50	0	21.42	21.50	21.43		
10	16QAM	1	0	21.36	21.44	21.47	23	1
10	16QAM	1	25	21.38	21.54	21.35		
10	16QAM	1	49	21.41	21.57	21.40		
10	16QAM	25	0	20.45	20.56	20.41	22	2
10	16QAM	25	12	20.42	20.50	20.59		
10	16QAM	25	25	20.47	20.45	20.50		
10	16QAM	50	0	20.51	20.61	20.62		
10	64QAM	1	0	20.36	20.56	20.41	22	2
10	64QAM	1	25	20.29	20.59	20.44		
10	64QAM	1	49	20.46	20.38	20.43		
10	64QAM	25	0	19.25	19.51	19.54	21	3
10	64QAM	25	12	19.39	19.50	19.34		
10	64QAM	25	25	19.51	19.39	19.37		
10	64QAM	50	0	19.40	19.62	19.59		
10	256QAM	1	0	17.33	17.47	17.54	19	5
10	256QAM	1	25	17.44	17.45	17.50		
10	256QAM	1	49	17.49	17.38	17.50		
10	256QAM	25	0	17.56	17.62	17.60	19	5
10	256QAM	25	12	17.33	17.54	17.53		
10	256QAM	25	25	17.31	17.43	17.21		
10	256QAM	50	0	17.37	17.39	17.31		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.41	22.46	22.33	24	0
5	QPSK	1	12	22.25	22.35	22.31		
5	QPSK	1	24	22.26	22.33	22.35		
5	QPSK	12	0	21.42	21.41	21.44	23	1
5	QPSK	12	7	21.37	21.33	21.25		
5	QPSK	12	13	21.40	21.38	21.43		
5	QPSK	25	0	21.37	21.43	21.37		
5	16QAM	1	0	21.31	21.42	21.42	23	1
5	16QAM	1	12	21.34	21.44	21.34		
5	16QAM	1	24	21.36	21.49	21.35		
5	16QAM	12	0	20.44	20.48	20.33	22	2
5	16QAM	12	7	20.33	20.41	20.48		
5	16QAM	12	13	20.42	20.43	20.32		
5	16QAM	25	0	20.47	20.46	20.52		
5	64QAM	1	0	20.26	20.54	20.29	22	2
5	64QAM	1	12	20.23	20.54	20.39		
5	64QAM	1	24	20.38	20.22	20.37		
5	64QAM	12	0	19.28	19.43	19.37	21	3
5	64QAM	12	7	19.33	19.43	19.26		
5	64QAM	12	13	19.36	19.39	19.35		
5	64QAM	25	0	19.24	19.56	19.60		
5	256QAM	1	0	17.23	17.49	17.48	19	5
5	256QAM	1	12	17.37	17.33	17.37		
5	256QAM	1	24	17.40	17.25	17.45		
5	256QAM	12	0	17.54	17.55	17.55	19	5
5	256QAM	12	7	17.25	17.48	17.50		
5	256QAM	12	13	17.22	17.43	17.18		
5	256QAM	25	0	17.25	17.38	17.30		

Band 26 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.44	22.52	22.44	24	0
15	QPSK	1	37	22.29	22.36	22.34		
15	QPSK	1	74	22.33	22.51	22.44		
15	QPSK	36	0	21.40	21.51	21.43	23	1
15	QPSK	36	20	21.39	21.42	21.27		
15	QPSK	36	39	21.39	21.40	21.38		
15	QPSK	75	0	21.40	21.47	21.46		
15	16QAM	1	0	21.34	21.43	21.50	23	1
15	16QAM	1	37	21.38	21.51	21.30		
15	16QAM	1	74	21.35	21.57	21.40		
15	16QAM	36	0	20.48	20.56	20.35	22	2
15	16QAM	36	20	20.40	20.50	20.53		
15	16QAM	36	39	20.55	20.42	20.42		
15	16QAM	75	0	20.51	20.57	20.53		
15	64QAM	1	0	20.34	20.53	20.29	22	2
15	64QAM	1	37	20.23	20.58	20.45		
15	64QAM	1	74	20.52	20.26	20.48		
15	64QAM	36	0	19.30	19.55	19.51	21	3
15	64QAM	36	20	19.24	19.50	19.34		
15	64QAM	36	39	19.37	19.35	19.30		
15	64QAM	75	0	19.35	19.60	19.55		
15	256QAM	1	0	17.25	17.47	17.53	19	5
15	256QAM	1	37	17.31	17.44	17.50		
15	256QAM	1	74	17.38	17.29	17.48		
15	256QAM	36	0	17.58	17.53	17.50	19	5
15	256QAM	36	20	17.19	17.48	17.47		
15	256QAM	36	39	17.24	17.41	17.17		
15	256QAM	75	0	17.38	17.45	17.31		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.42	22.47	22.39	24	0
10	QPSK	1	25	22.23	22.43	22.25		
10	QPSK	1	49	22.32	22.37	22.34		
10	QPSK	25	0	21.34	21.41	21.42	23	1
10	QPSK	25	12	21.37	21.42	21.23		
10	QPSK	25	25	21.41	21.39	21.45		
10	QPSK	50	0	21.43	21.43	21.44		
10	16QAM	1	0	21.33	21.38	21.46	23	1
10	16QAM	1	25	21.27	21.44	21.34		
10	16QAM	1	49	21.31	21.56	21.32		
10	16QAM	25	0	20.42	20.50	20.34	22	2
10	16QAM	25	12	20.33	20.35	20.43		
10	16QAM	25	25	20.49	20.43	20.40		
10	16QAM	50	0	20.46	20.51	20.55		
10	64QAM	1	0	20.23	20.49	20.31	22	2
10	64QAM	1	25	20.24	20.57	20.34		
10	64QAM	1	49	20.49	20.27	20.39		
10	64QAM	25	0	19.26	19.46	19.39	21	3
10	64QAM	25	12	19.34	19.42	19.29		
10	64QAM	25	25	19.36	19.39	19.36		
10	64QAM	50	0	19.23	19.53	19.55		
10	256QAM	1	0	17.27	17.44	17.41	19	5
10	256QAM	1	25	17.31	17.40	17.45		
10	256QAM	1	49	17.38	17.34	17.46		
10	256QAM	25	0	17.47	17.48	17.55	19	5
10	256QAM	25	12	17.27	17.40	17.49		
10	256QAM	25	25	17.27	17.35	17.14		
10	256QAM	50	0	17.29	17.34	17.25		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.40	22.40	22.42	24	0
5	QPSK	1	12	22.22	22.35	22.36		
5	QPSK	1	24	22.23	22.34	22.38		
5	QPSK	12	0	21.39	21.37	21.40	23	1
5	QPSK	12	7	21.41	21.43	21.30		
5	QPSK	12	13	21.34	21.36	21.34		
5	QPSK	25	0	21.45	21.43	21.41		
5	16QAM	1	0	21.37	21.45	21.36	23	1
5	16QAM	1	12	21.27	21.38	21.30		
5	16QAM	1	24	21.38	21.50	21.34		
5	16QAM	12	0	20.48	20.46	20.38	22	2
5	16QAM	12	7	20.28	20.41	20.49		
5	16QAM	12	13	20.40	20.39	20.37		
5	16QAM	25	0	20.44	20.51	20.46		
5	64QAM	1	0	20.26	20.56	20.27	22	2
5	64QAM	1	12	20.19	20.55	20.32		
5	64QAM	1	24	20.48	20.28	20.45		
5	64QAM	12	0	19.18	19.47	19.40	21	3
5	64QAM	12	7	19.25	19.46	19.32		
5	64QAM	12	13	19.32	19.33	19.27		
5	64QAM	25	0	19.29	19.52	19.60		
5	256QAM	1	0	17.26	17.40	17.44	19	5
5	256QAM	1	12	17.31	17.31	17.42		
5	256QAM	1	24	17.39	17.33	17.39		
5	256QAM	12	0	17.57	17.54	17.51	19	5
5	256QAM	12	7	17.17	17.47	17.50		
5	256QAM	12	13	17.24	17.37	17.17		
5	256QAM	25	0	17.23	17.39	17.25		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.40	22.39	22.37	24	0
3	QPSK	1	8	22.19	22.34	22.34		
3	QPSK	1	14	22.21	22.44	22.32		
3	QPSK	8	0	21.34	21.34	21.36	23	1
3	QPSK	8	4	21.44	21.43	21.26		
3	QPSK	8	7	21.35	21.39	21.38		
3	QPSK	15	0	21.33	21.38	21.43		
3	16QAM	1	0	21.29	21.47	21.47	23	1
3	16QAM	8	0	21.28	21.46	21.34		
3	16QAM	1	14	21.34	21.54	21.32		
3	16QAM	8	0	20.45	20.52	20.38	22	2
3	16QAM	8	4	20.37	20.38	20.47		
3	16QAM	8	7	20.49	20.44	20.35		
3	16QAM	15	0	20.45	20.50	20.47		
3	64QAM	1	0	20.33	20.56	20.29	22	2
3	64QAM	1	8	20.21	20.49	20.38		
3	64QAM	1	14	20.46	20.26	20.36		
3	64QAM	8	0	19.25	19.49	19.41	21	3
3	64QAM	8	4	19.31	19.41	19.22		
3	64QAM	8	7	19.39	19.39	19.35		
3	64QAM	15	0	19.32	19.51	19.50		
3	256QAM	1	0	17.23	17.41	17.48	19	5
3	256QAM	1	8	17.37	17.40	17.48		
3	256QAM	1	14	17.41	17.26	17.47		
3	256QAM	8	0	17.58	17.46	17.46	19	5
3	256QAM	8	4	17.26	17.38	17.50		
3	256QAM	8	7	17.16	17.37	17.24		
3	256QAM	15	0	17.27	17.41	17.22		
Channel				26907	26965	27023	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.36	22.27	22.39	24	0
1.4	QPSK	1	3	22.18	22.39	22.17		
1.4	QPSK	1	5	22.32	22.38	22.30		
1.4	QPSK	3	0	22.37	22.42	22.32		
1.4	QPSK	3	1	22.27	22.38	22.27		
1.4	QPSK	3	3	22.20	22.26	22.29		
1.4	QPSK	6	0	21.26	21.41	21.39	23	1
1.4	16QAM	1	0	21.27	21.37	21.21	23	1
1.4	16QAM	1	3	21.30	21.28	21.30		
1.4	16QAM	1	5	21.30	21.31	21.29		
1.4	16QAM	3	0	21.15	21.39	21.24		
1.4	16QAM	3	1	21.20	21.32	21.18		
1.4	16QAM	3	3	21.32	21.33	21.29		
1.4	16QAM	6	0	20.21	20.44	20.45	22	2
1.4	64QAM	1	0	20.30	20.37	20.19	22	2
1.4	64QAM	1	3	20.32	20.40	20.38		
1.4	64QAM	1	5	20.25	20.22	20.36		
1.4	64QAM	3	0	20.37	20.18	20.35		
1.4	64QAM	3	1	20.36	20.25	20.31		
1.4	64QAM	3	3	20.20	20.33	20.10		
1.4	64QAM	6	0	19.28	19.37	19.38	21	3
1.4	256QAM	1	0	17.20	17.42	17.37	19	5
1.4	256QAM	1	3	17.20	17.27	17.22		
1.4	256QAM	1	5	17.26	17.25	17.43		
1.4	256QAM	3	0	17.35	17.36	17.47		
1.4	256QAM	3	1	17.23	17.42	17.28		
1.4	256QAM	3	3	17.20	17.30	17.21		
1.4	256QAM	6	0	17.35	17.34	17.12	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.28	20.37	20.33	21.5	0
20	QPSK	1	49	20.17	20.32	20.15		
20	QPSK	1	99	20.16	20.32	20.22		
20	QPSK	50	0	19.31	19.35	19.31	20.5	1
20	QPSK	50	24	19.23	19.31	19.23		
20	QPSK	50	50	19.18	19.28	19.28		
20	QPSK	100	0	19.24	19.33	19.31		
20	16QAM	1	0	19.13	19.26	19.24	20.5	1
20	16QAM	1	49	19.15	19.27	19.12		
20	16QAM	1	99	19.20	19.32	19.24		
20	16QAM	50	0	18.21	18.38	18.22	19.5	2
20	16QAM	50	24	18.19	18.37	18.28		
20	16QAM	50	50	18.23	18.27	18.22		
20	16QAM	100	0	18.31	18.42	18.35		
20	64QAM	1	0	18.04	18.46	18.18	19.5	2
20	64QAM	1	49	18.03	18.34	18.20		
20	64QAM	1	99	18.36	18.16	18.17		
20	64QAM	50	0	17.11	17.25	17.32	18.5	3
20	64QAM	50	24	17.10	17.31	17.18		
20	64QAM	50	50	17.22	17.20	17.21		
20	64QAM	100	0	17.17	17.32	17.39		
20	256QAM	1	0	15.07	15.30	15.21	16.5	5
20	256QAM	1	49	15.24	15.26	15.33		
20	256QAM	1	99	15.23	15.22	15.21		
20	256QAM	50	0	15.39	15.39	15.36	16.5	5
20	256QAM	50	24	15.08	15.39	15.32		
20	256QAM	50	50	15.13	15.25	15.11		
20	256QAM	100	0	15.12	15.28	15.11		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.29	20.34	20.31	21.5	0
15	QPSK	1	37	20.14	20.34	20.21		
15	QPSK	1	74	20.16	20.25	20.26		
15	QPSK	36	0	19.21	19.32	19.27	20.5	1
15	QPSK	36	20	19.24	19.40	19.14		
15	QPSK	36	39	19.20	19.27	19.24		
15	QPSK	75	0	19.21	19.28	19.30		
15	16QAM	1	0	19.17	19.27	19.28	20.5	1
15	16QAM	1	37	19.21	19.33	19.15		
15	16QAM	1	74	19.19	19.34	19.18		
15	16QAM	36	0	18.22	18.42	18.27	19.5	2
15	16QAM	36	20	18.23	18.37	18.24		
15	16QAM	36	39	18.31	18.24	18.29		
15	16QAM	75	0	18.26	18.38	18.37		
15	64QAM	1	0	18.12	18.45	18.15	19.5	2
15	64QAM	1	37	18.11	18.36	18.17		
15	64QAM	1	74	18.26	18.13	18.24		
15	64QAM	36	0	17.16	17.29	17.33	18.5	3
15	64QAM	36	20	17.08	17.30	17.14		
15	64QAM	36	39	17.25	17.22	17.22		
15	64QAM	75	0	17.12	17.33	17.34		
15	256QAM	1	0	15.14	15.29	15.32	16.5	5
15	256QAM	1	37	15.19	15.16	15.30		
15	256QAM	1	74	15.25	15.14	15.28		
15	256QAM	36	0	15.36	15.30	15.33	16.5	5
15	256QAM	36	20	15.05	15.33	15.33		
15	256QAM	36	39	15.06	15.20	15.15		
15	256QAM	75	0	15.21	15.29	15.09		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.32	20.36	20.36	21.5	0
10	QPSK	1	25	20.07	20.29	20.21		
10	QPSK	1	49	20.14	20.33	20.24		
10	QPSK	25	0	19.22	19.31	19.34	20.5	1
10	QPSK	25	12	19.26	19.34	19.15		
10	QPSK	25	25	19.24	19.29	19.23		
10	QPSK	50	0	19.23	19.28	19.24		
10	16QAM	1	0	19.16	19.28	19.21	20.5	1
10	16QAM	1	25	19.18	19.27	19.16		
10	16QAM	1	49	19.16	19.38	19.21		
10	16QAM	25	0	18.32	18.35	18.21	19.5	2
10	16QAM	25	12	18.20	18.29	18.21		
10	16QAM	25	25	18.29	18.24	18.33		
10	16QAM	50	0	18.24	18.37	18.44		
10	64QAM	1	0	18.11	18.43	18.22	19.5	2
10	64QAM	1	25	18.06	18.35	18.20		
10	64QAM	1	49	18.34	18.23	18.17		
10	64QAM	25	0	17.16	17.30	17.35	18.5	3
10	64QAM	25	12	17.17	17.28	17.11		
10	64QAM	25	25	17.22	17.22	17.21		
10	64QAM	50	0	17.11	17.30	17.39		
10	256QAM	1	0	15.09	15.32	15.29	16.5	5
10	256QAM	1	25	15.26	15.23	15.33		
10	256QAM	1	49	15.18	15.16	15.22		
10	256QAM	25	0	15.34	15.38	15.36	16.5	5
10	256QAM	25	12	15.05	15.29	15.34		
10	256QAM	25	25	15.13	15.21	15.10		
10	256QAM	50	0	15.13	15.32	15.17		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.33	20.33	20.35	21.5	0
5	QPSK	1	12	20.10	20.35	20.20		
5	QPSK	1	24	20.20	20.33	20.26		
5	QPSK	12	0	19.25	19.40	19.28	20.5	1
5	QPSK	12	7	19.31	19.39	19.17		
5	QPSK	12	13	19.23	19.36	19.22		
5	QPSK	25	0	19.23	19.30	19.28		
5	16QAM	1	0	19.18	19.25	19.24	20.5	1
5	16QAM	1	12	19.26	19.28	19.17		
5	16QAM	1	24	19.16	19.34	19.22		
5	16QAM	12	0	18.25	18.38	18.29	19.5	2
5	16QAM	12	7	18.21	18.34	18.28		
5	16QAM	12	13	18.30	18.29	18.24		
5	16QAM	25	0	18.29	18.36	18.34		
5	64QAM	1	0	18.07	18.42	18.20	19.5	2
5	64QAM	1	12	18.12	18.37	18.19		
5	64QAM	1	24	18.32	18.17	18.19		
5	64QAM	12	0	17.18	17.30	17.31	18.5	3
5	64QAM	12	7	17.08	17.25	17.13		
5	64QAM	12	13	17.28	17.21	17.28		
5	64QAM	25	0	17.22	17.27	17.42		
5	256QAM	1	0	15.13	15.32	15.33	16.5	5
5	256QAM	1	12	15.19	15.18	15.25		
5	256QAM	1	24	15.23	15.18	15.23		
5	256QAM	12	0	15.36	15.39	15.43	16.5	5
5	256QAM	12	7	15.00	15.39	15.33		
5	256QAM	12	13	15.10	15.30	15.14		
5	256QAM	25	0	15.19	15.31	15.16		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.34	20.34	20.28	21.5	0
3	QPSK	1	8	20.12	20.34	20.21		
3	QPSK	1	14	20.17	20.32	20.22		
3	QPSK	8	0	19.23	19.41	19.28	20.5	1
3	QPSK	8	4	19.30	19.32	19.20		
3	QPSK	8	7	19.28	19.31	19.26		
3	QPSK	15	0	19.25	19.30	19.32		
3	16QAM	1	0	19.12	19.26	19.23	20.5	1
3	16QAM	1	8	19.15	19.28	19.21		
3	16QAM	1	14	19.23	19.32	19.22		
3	16QAM	8	0	18.24	18.40	18.25	19.5	2
3	16QAM	8	4	18.21	18.34	18.28		
3	16QAM	8	7	18.30	18.23	18.29		
3	16QAM	15	0	18.31	18.38	18.38		
3	64QAM	1	0	18.13	18.39	18.15	19.5	2
3	64QAM	1	8	18.03	18.31	18.17		
3	64QAM	1	14	18.31	18.14	18.17		
3	64QAM	8	0	17.09	17.31	17.28	18.5	3
3	64QAM	8	4	17.16	17.31	17.13		
3	64QAM	8	7	17.22	17.27	17.18		
3	64QAM	15	0	17.17	17.29	17.42		
3	256QAM	1	0	15.11	15.29	15.23	16.5	5
3	256QAM	1	8	15.21	15.22	15.24		
3	256QAM	1	14	15.24	15.15	15.20		
3	256QAM	8	0	15.40	15.37	15.42	16.5	5
3	256QAM	8	4	15.02	15.34	15.34		
3	256QAM	8	7	15.14	15.24	15.12		
3	256QAM	15	0	15.21	15.30	15.15		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.19	20.27	20.23	21.5	0
1.4	QPSK	1	3	20.17	20.30	20.12		
1.4	QPSK	1	5	20.25	20.20	20.16		
1.4	QPSK	3	0	20.17	20.32	20.22		
1.4	QPSK	3	1	20.10	20.24	20.17		
1.4	QPSK	3	3	20.16	20.22	20.28		
1.4	QPSK	6	0	19.19	19.24	19.32	20.5	1
1.4	16QAM	1	0	19.16	19.25	19.15	20.5	1
1.4	16QAM	1	3	19.24	19.31	19.21		
1.4	16QAM	1	5	19.21	19.22	19.30		
1.4	16QAM	3	0	19.11	19.23	19.24		
1.4	16QAM	3	1	19.13	19.28	19.10		
1.4	16QAM	3	3	19.19	19.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.21	21.27	21.25	22.3	0
20	QPSK	1	49	21.13	21.18	21.14		
20	QPSK	1	99	21.03	21.19	21.11		
20	QPSK	50	0	20.21	20.31	20.23	21.5	0.8
20	QPSK	50	24	20.19	20.24	20.20		
20	QPSK	50	50	20.20	20.21	20.24		
20	QPSK	100	0	20.28	20.29	20.23		
20	16QAM	1	0	20.20	20.23	20.25	21.5	0.8
20	16QAM	1	49	20.23	20.27	20.25		
20	16QAM	1	99	20.19	20.28	20.18		
20	16QAM	50	0	19.27	19.29	19.23	20.5	1.8
20	16QAM	50	24	19.18	19.35	19.24		
20	16QAM	50	50	19.24	19.34	19.20		
20	16QAM	100	0	19.29	19.31	19.33		
20	64QAM	1	0	19.04	19.33	19.12	20.5	1.8
20	64QAM	1	49	19.03	19.33	19.22		
20	64QAM	1	99	19.31	19.08	19.19		
20	64QAM	50	0	18.02	18.30	18.33	19.5	2.8
20	64QAM	50	24	18.13	18.36	18.20		
20	64QAM	50	50	18.25	18.19	18.08		
20	64QAM	100	0	18.18	18.38	18.43		
20	256QAM	1	0	16.03	16.23	16.22	17.5	4.8
20	256QAM	1	49	16.12	16.15	16.23		
20	256QAM	1	99	16.22	16.11	16.34		
20	256QAM	50	0	16.36	16.46	16.36	17.5	4.8
20	256QAM	50	24	16.05	16.26	16.30		
20	256QAM	50	50	16.03	16.16	16.05		
20	256QAM	100	0	16.14	16.23	16.14		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.19	21.18	21.06	22.3	0
15	QPSK	1	37	21.06	21.11	21.06		
15	QPSK	1	74	21.00	21.18	21.12		
15	QPSK	36	0	20.13	20.24	20.16	21.5	0.8
15	QPSK	36	20	20.21	20.20	20.10		
15	QPSK	36	39	20.16	20.16	20.17		
15	QPSK	75	0	20.17	20.16	20.17		
15	16QAM	1	0	20.19	20.15	20.15	21.5	0.8
15	16QAM	1	37	20.20	20.11	20.18		
15	16QAM	1	74	20.18	20.15	20.17		
15	16QAM	36	0	19.22	19.29	19.15	20.5	1.8
15	16QAM	36	20	19.11	19.21	19.18		
15	16QAM	36	39	19.13	19.25	19.08		
15	16QAM	75	0	19.20	19.23	19.28		
15	64QAM	1	0	18.98	19.28	19.06	20.5	1.8
15	64QAM	1	37	19.01	19.25	19.15		
15	64QAM	1	74	19.16	18.99	19.15		
15	64QAM	36	0	17.98	18.30	18.23	19.5	2.8
15	64QAM	36	20	18.08	18.26	18.13		
15	64QAM	36	39	18.12	18.07	18.01		
15	64QAM	75	0	18.08	18.33	18.39		
15	256QAM	1	0	15.99	16.20	16.19	17.5	4.8
15	256QAM	1	37	16.09	16.05	16.14		
15	256QAM	1	74	16.16	16.09	16.22		
15	256QAM	36	0	16.31	16.38	16.27	17.5	4.8
15	256QAM	36	20	15.89	16.18	16.27		
15	256QAM	36	39	16.00	16.08	16.03		
15	256QAM	75	0	15.97	16.10	16.03		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.12	21.24	21.09	22.3	0
10	QPSK	1	25	20.98	21.07	21.08		
10	QPSK	1	49	21.04	21.18	21.10		
10	QPSK	25	0	20.23	20.22	20.19	21.5	0.8
10	QPSK	25	12	20.17	20.16	20.13		
10	QPSK	25	25	20.20	20.13	20.26		
10	QPSK	50	0	20.19	20.25	20.19		
10	16QAM	1	0	20.15	20.12	20.14	21.5	0.8
10	16QAM	1	25	20.11	20.12	20.23		
10	16QAM	1	49	20.13	20.14	20.13		
10	16QAM	25	0	19.11	19.23	19.10	20.5	1.8
10	16QAM	25	12	19.16	19.17	19.19		
10	16QAM	25	25	19.16	19.26	19.07		
10	16QAM	50	0	19.23	19.25	19.21		
10	64QAM	1	0	18.99	19.32	19.00	20.5	1.8
10	64QAM	1	25	19.01	19.31	19.20		
10	64QAM	1	49	19.21	19.02	19.13		
10	64QAM	25	0	17.93	18.28	18.26	19.5	2.8
10	64QAM	25	12	18.01	18.30	18.08		
10	64QAM	25	25	18.23	18.14	17.97		
10	64QAM	50	0	18.17	18.35	18.36		
10	256QAM	1	0	15.98	16.22	16.18	17.5	4.8
10	256QAM	1	25	16.10	16.06	16.21		
10	256QAM	1	49	16.22	16.13	16.23		
10	256QAM	25	0	16.24	16.40	16.29	17.5	4.8
10	256QAM	25	12	15.91	16.19	16.25		
10	256QAM	25	25	15.99	16.13	16.02		
10	256QAM	50	0	16.01	16.13	15.99		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.20	21.23	21.09	22.3	0
5	QPSK	1	12	21.06	21.03	21.02		
5	QPSK	1	24	21.00	21.16	21.07		
5	QPSK	12	0	20.17	20.27	20.16	21.5	0.8
5	QPSK	12	7	20.17	20.13	20.15		
5	QPSK	12	13	20.23	20.11	20.22		
5	QPSK	25	0	20.13	20.16	20.18		
5	16QAM	1	0	20.18	20.11	20.20	21.5	0.8
5	16QAM	1	12	20.10	20.18	20.22		
5	16QAM	1	24	20.15	20.14	20.18		
5	16QAM	12	0	19.20	19.34	19.11	20.5	1.8
5	16QAM	12	7	19.17	19.26	19.23		
5	16QAM	12	13	19.13	19.26	19.08		
5	16QAM	25	0	19.27	19.23	19.25		
5	64QAM	1	0	18.97	19.25	19.05	20.5	1.8
5	64QAM	1	12	18.99	19.31	19.16		
5	64QAM	1	24	19.21	18.95	19.16		
5	64QAM	12	0	17.97	18.27	18.19	19.5	2.8
5	64QAM	12	7	18.02	18.29	18.05		
5	64QAM	12	13	18.18	18.18	17.99		
5	64QAM	25	0	18.10	18.28	18.40		
5	256QAM	1	0	15.95	16.18	16.25	17.5	4.8
5	256QAM	1	12	16.05	16.11	16.16		
5	256QAM	1	24	16.11	16.11	16.19		
5	256QAM	12	0	16.22	16.35	16.35	17.5	4.8
5	256QAM	12	7	15.91	16.18	16.16		
5	256QAM	12	13	16.00	16.13	16.01		
5	256QAM	25	0	16.03	16.12	16.05		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.23	21.25	21.32	21.31	21.24	22.3	0
20	QPSK	1	49	21.12	21.21	21.08	21.13	21.09		
20	QPSK	1	99	21.02	21.18	21.13	21.17	21.20		
20	QPSK	50	0	20.22	20.26	20.31	20.27	20.28	21.5	0.8
20	QPSK	50	24	20.30	20.22	20.20	20.28	20.22		
20	QPSK	50	50	20.29	20.22	20.26	20.24	20.23		
20	QPSK	100	0	20.23	20.22	20.28	20.25	20.24		
20	16QAM	1	0	20.23	20.26	20.25	20.24	20.20	21.5	0.8
20	16QAM	1	49	20.20	20.23	20.25	20.22	20.31		
20	16QAM	1	99	20.25	20.20	20.25	20.24	20.27		
20	16QAM	50	0	19.22	19.37	19.25	19.33	19.16	20.5	1.8
20	16QAM	50	24	19.21	19.29	19.15	19.28	19.34		
20	16QAM	50	50	19.27	19.30	19.26	19.26	19.21		
20	16QAM	100	0	19.27	19.36	19.28	19.36	19.27		
20	64QAM	1	0	19.04	19.39	19.04	19.33	19.07	20.5	1.8
20	64QAM	1	49	19.06	19.39	19.11	19.35	19.25		
20	64QAM	1	99	19.29	19.11	19.28	19.11	19.26		
20	64QAM	50	0	18.08	18.37	18.07	18.29	18.26	19.5	2.8
20	64QAM	50	24	18.04	18.30	18.09	18.26	18.12		
20	64QAM	50	50	18.21	18.18	18.19	18.16	18.09		
20	64QAM	100	0	18.19	18.37	18.23	18.44	18.49		
20	256QAM	1	0	16.11	16.34	16.05	16.31	16.32	17.5	4.8
20	256QAM	1	49	16.16	16.16	16.17	16.16	16.23		
20	256QAM	1	99	16.24	16.13	16.25	16.17	16.34		
20	256QAM	50	0	16.28	16.46	16.37	16.41	16.41	17.5	4.8
20	256QAM	50	24	16.01	16.24	16.02	16.21	16.30		
20	256QAM	50	50	16.09	16.13	16.06	16.23	16.11		
20	256QAM	100	0	16.08	16.14	16.08	16.20	16.07		
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	21.17	21.21	21.17	21.17	21.09	22	0
15	QPSK	1	37	21.01	21.11	21.09	21.07	21.00		
15	QPSK	1	74	20.99	21.09	21.04	21.17	21.16		
15	QPSK	36	0	20.13	20.26	20.20	20.23	20.19	21.5	0.8
15	QPSK	36	20	20.12	20.13	20.17	20.10	20.18		
15	QPSK	36	39	20.12	20.18	20.21	20.14	20.20		
15	QPSK	75	0	20.16	20.19	20.21	20.17	20.19		
15	16QAM	1	0	20.18	20.08	20.21	20.09	20.19	21.5	0.8
15	16QAM	1	37	20.09	20.15	20.14	20.15	20.20		
15	16QAM	1	74	20.17	20.15	20.16	20.18	20.11		
15	16QAM	36	0	19.21	19.23	19.17	19.24	19.10	20.5	1.8
15	16QAM	36	20	19.13	19.26	19.10	19.23	19.21		
15	16QAM	36	39	19.18	19.26	19.18	19.17	19.18		
15	16QAM	75	0	19.22	19.22	19.22	19.26	19.26		
15	64QAM	1	0	18.96	19.27	18.99	19.28	18.98	20.5	1.8
15	64QAM	1	37	18.99	19.25	19.04	19.25	19.19		
15	64QAM	1	74	19.13	18.98	19.24	18.96	19.19		
15	64QAM	36	0	17.93	18.24	17.96	18.29	18.24	19.5	2.8
15	64QAM	36	20	18.00	18.28	18.07	18.20	18.10		
15	64QAM	36	39	18.14	18.11	18.17	18.15	17.97		
15	64QAM	75	0	18.13	18.34	18.13	18.28	18.38		
15	256QAM	1	0	15.95	16.25	15.99	16.24	16.23	17.5	4.8
15	256QAM	1	37	16.12	16.07	16.04	16.12	16.20		
15	256QAM	1	74	16.20	16.07	16.20	16.10	16.18		
15	256QAM	36	0	16.24	16.28	16.28	16.31	16.31	17.5	4.8
15	256QAM	36	20	15.91	16.20	15.91	16.09	16.16		
15	256QAM	36	39	16.01	16.10	15.97	16.11	15.98		
15	256QAM	75	0	16.05	16.13	15.98	16.11	16.04		
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	21.19	21.13	21.25	21.05	22	0
10	QPSK	1	25	21.03	21.13	20.98	21.09	21.01		
10	QPSK	1	49	21.07	21.17	20.97	21.20	21.09		
10	QPSK	25	0	20.23	20.19	20.22	20.25	20.17	21.5	0.8
10	QPSK	25	12	20.17	20.11	20.23	20.13	20.09		
10	QPSK	25	25	20.12	20.16	20.15	20.21	20.20		
10	QPSK	50	0	20.17	20.23	20.24	20.19	20.21		
10	16QAM	1	0	20.23	20.16	20.15	20.20	20.15	21.5	0.8
10	16QAM	1	25	20.09	20.13	20.15	20.20	20.21		
10	16QAM	1	49	20.17	20.16	20.15	20.16	20.20		
10	16QAM	25	0	19.16	19.27	19.15	19.31	19.07	20.5	1.8
10	16QAM	25	12	19.10	19.24	19.18	19.17	19.21		
10	16QAM	25	25	19.23	19.20	19.14	19.16	19.18		
10	16QAM	50	0	19.19	19.25	19.23	19.25	19.17		
10	64QAM	1	0	18.98	19.22	19.00	19.22	18.98	20.5	1.8
10	64QAM	1	25	19.00	19.25	19.01	19.33	19.18		
10	64QAM	1	49	19.21	19.04	19.16	18.98	19.16		
10	64QAM	25	0	17.97	18.22	18.01	18.21	18.20	19.5	2.8
10	64QAM	25	12	18.06	18.26	18.02	18.23	18.02		
10	64QAM	25	25	18.13	18.11	18.23	18.16	18.05		
10	64QAM	50	0	18.14	18.28	18.07	18.34	18.36		
10	256QAM	1	0	15.97	16.24	15.95	16.24	16.23	17.5	4.8
10	256QAM	1	25	16.10	16.04	16.06	16.09	16.20		
10	256QAM	1	49	16.20	16.10	16.10	16.11	16.29		
10	256QAM	25	0	16.27	16.31	16.27	16.35	16.32	17.5	4.8
10	256QAM	25	12	15.94	16.18	15.96	16.15	16.20		
10	256QAM	25	25	15.97	16.06	16.00	16.15	16.06		
10	256QAM	50	0	16.00	16.12	16.08	16.09	16.06		
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	21.21	21.18	21.13	21.20	21.08	22	0
5	QPSK	1	12	21.03	21.08	21.05	21.09	21.02		
5	QPSK	1	24	20.98	21.09	21.01	21.13	21.05		
5	QPSK	12	0	20.14	20.22	20.16	20.26	20.23	21.5	0.8
5	QPSK	12	7	20.18	20.14	20.21	20.10	20.15		
5	QPSK	12	13	20.13	20.16	20.19	20.11	20.18		
5	QPSK	25	0	20.21	20.24	20.21	20.22	20.22		
5	16QAM	1	0	20.19	20.19	20.18	20.14	20.17	21.5	0.8
5	16QAM	1	12	20.16	20.16	20.18	20.17	20.22		
5	16QAM	1	24	20.18	20.18	20.15	20.16	20.14		
5	16QAM	12	0	19.16	19.27	19.15	19.33	19.06	20.5	1.8
5	16QAM	12	7	19.17	19.24	19.11	19.17	19.21		
5	16QAM	12	13	19.18	19.22	19.15	19.19	19.09		
5	16QAM	25	0	19.20	19.20	19.21	19.20	19.24		
5	64QAM	1	0	19.04	19.26	18.98	19.30	19.01	20.5	1.8
5	64QAM	1	12	18.94	19.27	19.01	19.29	19.12		
5	64QAM	1	24	19.14	19.05	19.25	19.00	19.11		
5	64QAM	12	0	17.93	18.33	17.90	18.31	18.20	19.5	2.8
5	64QAM	12	7	18.03	18.20	18.00	18.18	18.13		
5	64QAM	12	13	18.18	18.09	18.21	18.11	18.02		
5	64QAM	25	0	18.09	18.35	18.06	18.31	18.42		
5	256QAM	1	0	16.01	16.23	15.92	16.22	16.21	17.5	4.8
5	256QAM	1	12	16.09	16.02	16.12	16.04	16.19		
5	256QAM	1	24	16.17	16.04	16.11	16.14	16.28		
5	256QAM	12	0	16.27	16.32	16.25	16.35	16.29	17.5	4.8
5	256QAM	12	7	15.91	16.18	15.97	16.14	16.21		
5	256QAM	12	13	16.05	16.10	16.04	16.15	16.07		
5	256QAM	25	0	16.07	16.14	15.98	16.17	16.05		

GSM850 Ant1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.55	31.49	31.34	32.50	22.55	22.49	22.34	23.50
GPRS 1 Tx slot	31.51	31.47	31.32	32.50	22.51	22.47	22.32	23.50
GPRS 2 Tx slots	28.27	28.20	28.10	29.60	22.27	22.20	22.10	23.60
GPRS 3 Tx slots	26.44	26.41	26.35	27.80	22.18	22.15	22.09	23.54
GPRS 4 Tx slots	25.26	25.31	25.27	26.60	22.26	22.31	22.27	23.60
EDGE 1 Tx slot	25.96	26.05	26.12	27.00	16.96	17.05	17.12	18.00
EDGE 2 Tx slots	24.86	24.87	24.96	25.80	18.86	18.87	18.96	19.80
EDGE 3 Tx slots	22.63	22.66	22.75	23.50	18.37	18.40	18.49	19.24
EDGE 4 Tx slots	21.35	21.45	21.49	22.50	18.35	18.45	18.49	19.50

GSM1900 Ant1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	25.50	25.45	25.64	26.60	16.50	16.45	16.64	17.60
GPRS 1 Tx slot	25.42	25.46	25.54	26.60	16.42	16.46	16.54	17.60
GPRS 2 Tx slots	22.34	22.37	22.33	23.60	16.34	16.37	16.33	17.60
GPRS 3 Tx slots	20.45	20.54	20.51	21.80	16.19	16.28	16.25	17.54
GPRS 4 Tx slots	19.34	19.37	19.35	20.60	16.34	16.37	16.35	17.60
EDGE 1 Tx slot	23.41	23.56	23.45	24.50	14.41	14.56	14.45	15.50
EDGE 2 Tx slots	22.35	22.48	22.33	23.50	16.35	16.48	16.33	17.50
EDGE 3 Tx slots	20.16	20.35	20.21	21.50	15.90	16.09	15.95	17.24
EDGE 4 Tx slots	19.24	19.19	19.02	20.00	16.24	16.19	16.02	17.00

Band		WCDMA II Ant1			Tune-up Limit (dBm)	WCDMA IV Ant1			Tune-up Limit (dBm)	WCDMA V Ant1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	16.75	16.78	16.74	18.20	17.65	17.67	17.53	18.80	21.49	21.40	21.27	22.90
3GPP Rel 99	RMC 12.2Kbps	16.87	16.89	16.85	18.20	17.73	17.79	17.75	18.80	21.53	21.56	21.55	22.90
3GPP Rel 6	HSDPA Subtest-1	15.82	15.75	15.64	17.20	16.63	16.73	16.69	17.80	20.49	20.52	20.36	21.90
3GPP Rel 6	HSDPA Subtest-2	15.83	15.84	15.74	17.20	16.75	16.84	16.66	17.80	20.49	20.52	20.45	21.90
3GPP Rel 6	HSDPA Subtest-3	15.31	15.33	15.11	16.70	16.28	16.35	16.09	17.30	19.93	20.01	19.87	21.40
3GPP Rel 6	HSDPA Subtest-4	15.34	15.37	15.21	16.70	16.29	16.22	16.09	17.30	20.11	20.12	19.82	21.40
3GPP Rel 8	DC-HSDPA Subtest-1	15.75	15.81	15.66	17.00	16.75	16.81	16.60	17.80	20.59	20.55	20.37	21.90
3GPP Rel 8	DC-HSDPA Subtest-2	15.82	15.73	15.75	17.20	16.80	16.67	16.63	17.80	20.55	20.51	20.47	21.90
3GPP Rel 8	DC-HSDPA Subtest-3	15.20	15.30	15.24	16.50	16.19	16.25	16.10	17.30	19.96	20.00	20.06	21.40
3GPP Rel 8	DC-HSDPA Subtest-4	15.34	15.30	15.22	16.50	16.20	16.31	16.17	17.30	20.07	20.04	19.95	21.40
3GPP Rel 6	HSUPA Subtest-1	15.83	15.69	15.67	17.20	16.74	16.66	16.61	17.80	20.53	20.48	20.37	21.90
3GPP Rel 6	HSUPA Subtest-2	13.87	13.78	13.69	15.20	14.79	14.66	14.61	15.80	18.52	18.50	18.28	19.90
3GPP Rel 6	HSUPA Subtest-3	14.80	14.82	14.75	16.20	15.83	15.82	15.68	16.80	19.61	19.58	19.51	20.90
3GPP Rel 6	HSUPA Subtest-4	13.96	13.77	13.87	15.20	14.80	14.64	14.71	15.80	18.53	18.52	18.52	19.90
3GPP Rel 6	HSUPA Subtest-5	15.81	15.84	15.87	17.20	16.60	16.75	16.68	17.80	20.44	20.57	20.45	21.90
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.48	13.43	13.46	14.70	14.31	14.42	14.44	15.30	18.04	18.22	18.17	19.40

Band 2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.54	16.58	16.55	17.6	0
20	QPSK	1	49	16.51	16.51	16.44		
20	QPSK	1	99	16.56	16.54	16.54		
20	QPSK	50	0	16.47	16.56	16.53		
20	QPSK	50	24	16.45	16.51	16.53	17.6	0
20	QPSK	50	50	16.44	16.52	16.44		
20	QPSK	100	0	16.53	16.54	16.46		
20	16QAM	1	0	16.46	16.54	16.50		
20	16QAM	1	49	16.50	16.56	16.47	17.6	0
20	16QAM	1	99	16.44	16.52	16.48		
20	16QAM	50	0	16.51	16.51	16.55		
20	16QAM	50	24	16.47	16.57	16.53	17.6	0
20	16QAM	50	50	16.51	16.53	16.49		
20	16QAM	100	0	16.55	16.48	16.44		
20	64QAM	1	0	16.45	16.52	16.45		
20	64QAM	1	49	16.51	16.51	16.46	17.6	0
20	64QAM	1	99	16.41	16.56	16.54		
20	64QAM	50	0	16.55	16.54	16.49		
20	64QAM	50	24	16.48	16.52	16.53	17.6	0
20	64QAM	50	50	16.49	16.51	16.54		
20	64QAM	100	0	16.46	16.49	16.54		
20	256QAM	1	0	15.43	15.96	15.45		
20	256QAM	1	49	15.41	15.54	15.49	16.5	1.1
20	256QAM	1	99	15.48	15.51	15.42		
20	256QAM	50	0	15.31	15.39	15.27		
20	256QAM	50	24	15.26	15.36	15.23	16.5	1.1
20	256QAM	50	50	15.26	15.37	15.24		
20	256QAM	100	0	15.26	15.38	15.24		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.40	16.45	16.45		
15	QPSK	1	37	16.47	16.47	16.52	17.6	0
15	QPSK	1	74	16.51	16.44	16.48		
15	QPSK	36	0	16.51	16.46	16.44		
15	QPSK	36	20	16.43	16.42	16.44	17.6	0
15	QPSK	36	39	16.46	16.53	16.44		
15	QPSK	75	0	16.48	16.51	16.45		
15	16QAM	1	0	16.42	16.45	16.44		
15	16QAM	1	37	16.45	16.44	16.44	17.6	0
15	16QAM	1	74	16.42	16.43	16.50		
15	16QAM	36	0	16.50	16.43	16.47		
15	16QAM	36	20	16.50	16.45	16.40	17.6	0
15	16QAM	36	39	16.43	16.49	16.44		
15	16QAM	75	0	16.46	16.45	16.49		
15	64QAM	1	0	16.51	16.46	16.44		
15	64QAM	1	37	16.52	16.43	16.48	17.6	0
15	64QAM	1	74	16.50	16.53	16.52		
15	64QAM	36	0	16.44	16.49	16.49		
15	64QAM	36	20	16.49	16.43	16.52	17.6	0
15	64QAM	36	39	16.48	16.54	16.44		
15	64QAM	75	0	16.47	16.51	16.50		
15	256QAM	1	0	15.39	15.44	15.38		
15	256QAM	1	37	15.32	15.49	15.42	16.5	1.1
15	256QAM	1	74	15.43	15.39	15.33		
15	256QAM	36	0	15.25	15.26	15.15		
15	256QAM	36	20	15.20	15.30	15.16	16.5	1.1
15	256QAM	36	39	15.22	15.33	15.15		
15	256QAM	75	0	15.13	15.30	15.14		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.49	16.51	16.41		
10	QPSK	1	25	16.51	16.45	16.52	17.6	0
10	QPSK	1	49	16.49	16.52	16.47		
10	QPSK	25	0	16.44	16.45	16.48		
10	QPSK	25	12	16.43	16.46	16.51	17.6	0
10	QPSK	25	25	16.40	16.52	16.46		
10	QPSK	50	0	16.43	16.53	16.49		
10	16QAM	1	0	16.49	16.48	16.46		
10	16QAM	1	25	16.42	16.51	16.46	17.6	0
10	16QAM	1	49	16.50	16.45	16.43		
10	16QAM	25	0	16.42	16.43	16.44		
10	16QAM	25	12	16.40	16.53	16.40	17.6	0
10	16QAM	25	25	16.51	16.48	16.41		
10	16QAM	50	0	16.41	16.52	16.47		
10	64QAM	1	0	16.51	16.46	16.49		
10	64QAM	1	25	16.49	16.49	16.48	17.6	0
10	64QAM	1	49	16.45	16.48	16.44		
10	64QAM	25	0	16.49	16.45	16.43		
10	64QAM	25	12	16.49	16.42	16.51	17.6	0
10	64QAM	25	25	16.49	16.43	16.51		
10	64QAM	50	0	16.47	16.49	16.44		
10	256QAM	1	0	15.32	15.44	15.39		
10	256QAM	1	25	15.38	15.44	15.45	16.5	1.1
10	256QAM	1	49	15.41	15.48	15.29		
10	256QAM	25	0	15.18	15.37	15.15		
10	256QAM	25	12	15.22	15.33	15.20	16.5	1.1
10	256QAM	25	25	15.20	15.25	15.15		
10	256QAM	50	0	15.13	15.32	15.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.46	16.50	16.49		
5	QPSK	1	12	16.40	16.53	16.51	17.6	0
5	QPSK	1	24	16.47	16.46	16.41		
5	QPSK	12	0	16.47	16.54	16.49		
5	QPSK	12	7	16.43	16.43	16.42	17.6	0
5	QPSK	12	13	16.47	16.51	16.45		
5	QPSK	25	0	16.42	16.53	16.49		
5	16QAM	1	0	16.47	16.49	16.41		
5	16QAM	1	12	16.44	16.45	16.48	17.6	0
5	16QAM	1	24	16.40	16.52	16.52		
5	16QAM	12	0	16.45	16.50	16.41		
5	16QAM	12	7	16.42	16.54	16.40	17.6	0
5	16QAM	12	13	16.43	16.46	16.44		
5	16QAM	25	0	16.45	16.53	16.44		
5	64QAM	1	0	16.43	16.47	16.43		
5	64QAM	1	12	16.49	16.43	16.50	17.6	0
5	64QAM	1	24	16.44	16.46	16.46		
5	64QAM	12	0	16.41	16.49	16.42		
5	64QAM	12	7	16.47	16.51	16.51	17.6	0
5	64QAM	12	13	16.47	16.45	16.44		
5	64QAM	25	0	16.47	16.52	16.46		
5	256QAM	1	0	15.31	15.45	15.34		
5	256QAM	1	12	15.34	15.49	15.44	16.5	1.1
5	256QAM	1	24	15.34	15.47	15.36		
5	256QAM	12	0	15.22	15.36	15.22		
5	256QAM	12	7	15.14	15.23	15.09	16.5	1.1
5	256QAM	12	13	15.12	15.31	15.11		
5	256QAM	25	0	15.17	15.31	15.11		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.45	16.47	16.40		
3	QPSK	1	8	16.51	16.46	16.49	17.6	0
3	QPSK	1	14	16.48	16.46	16.41		
3	QPSK	8	0	16.43	16.46	16.51		
3	QPSK	8	4	16.42	16.50	16.52	17.6	0
3	QPSK	8	7	16.45	16.52	16.49		
3	QPSK	15	0	16.43	16.45	16.51		
3	16QAM	1	0	16.47	16.49	16.44		
3	16QAM	1	8	16.45	16.43	16.49	17.6	0
3	16QAM	1	14	16.46	16.49	16.49		
3	16QAM	8	0	16.45	16.42	16.44		
3	16QAM	8	4	16.40	16.44	16.44	17.6	0
3	16QAM	8	7	16.44	16.50	16.41		
3	16QAM	15	0	16.51	16.52	16.45		
3	64QAM	1	0	16.46	16.46	16.50		
3	64QAM	1	8	16.47	16.49	16.42	17.6	0
3	64QAM	1	14	16.45	16.45	16.46		
3	64QAM	8	0	16.47	16.51	16.42		
3	64QAM	8	4	16.48	16.47	16.50	17.6	0
3	64QAM	8	7	16.47	16.51	16.45		
3	64QAM	15	0	16.44	16.43	16.41		
3	256QAM	1	0	15.30	15.49	15.36		
3	256QAM	1	8	15.33	15.41	15.38	16.5	1.1
3	256QAM	1	14	15.44	15.38	15.40		
3	256QAM	8	0	15.26	15.32	15.14		
3	256QAM	8	4	15.18	15.24	15.12	16.5	1.1
3	256QAM	8	7	15.14	15.31	15.17		
3	256QAM	15	0	15.18	15.28	15.16		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.48	16.49	16.49		
1.4	QPSK	1	3	16.44	16.53	16.47		
1.4	QPSK	1	5	16.45	16.52	16.42	17.6	0
1.4	QPSK	3	0	16.49	16.47	16.45		
1.4	QPSK	3	1	16.41	16.46	16.42		
1.4	QPSK	3	3	16.47	16.46	16.50		
1.4	QPSK	6	0	16.43	16.45	16.43	17.6	0
1.4	16QAM	1	0	16.40	16.51	16.49		
1.4	16QAM	1	3	16.44	16.50	16.47		
1.4	16QAM	1	5	16.47	16.49	16.44	17.6	0
1.4	16QAM	3	0	16.43	16.54	16.48		
1.4	16QAM	3	1	16.40	16.47	16.49		
1.4	16QAM	3	3	16.52	16.53	16.52		
1.4	16QAM	6	0	16.47	16.49	16.40	17.6	0
1.4	64QAM	1	0	16.43	16.52	16.43		
1.4	64QAM	1	3	16.45	16.48	16.47		
1.4	64QAM	1	5	16.47	16.52	16.45	17.6	0
1.4	64QAM	3	0	16.45	16.52	16.47		
1.4	64QAM	3	1	16.50	16.50	16.47		
1.4	64QAM	3	3	16.45	16.49	16.52		
1.4	64QAM	6	0	16.51	16.53	16.51	17.6	0
1.4	256QAM	1	0	15.32	15.48	15.31		
1.4	256QAM	1	3	15.34	15.44	15.42		
1.4	256QAM	1	5	15.43	15.41	15.31	16.5	1.1
1.4	256QAM	3	0	15.23	15.29	15.24		
1.4	256QAM	3	1	15.21	15.24	15.18		
1.4	256QAM	3	3	15.13	15.24	15.15		
1.4	256QAM	6	0	15.17	15.26	15.11	16.5	1.1

Band 4 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.45	17.47	17.43	18.5	0
20	QPSK	1	49	17.34	17.43	17.45		
20	QPSK	1	99	17.38	17.41	17.35		
20	QPSK	50	0	17.39	17.45	17.42		
20	QPSK	50	24	17.36	17.41	17.41		
20	QPSK	50	50	17.43	17.42	17.35		
20	QPSK	100	0	17.41	17.44	17.43		
20	16QAM	1	0	17.34	17.41	17.39		
20	16QAM	1	49	17.38	17.39	17.35		
20	16QAM	1	99	17.37	17.46	17.42		
20	16QAM	50	0	17.37	17.42	17.46		
20	16QAM	50	24	17.39	17.41	17.43		
20	16QAM	50	50	17.35	17.42	17.44		
20	16QAM	100	0	17.38	17.43	17.45		
20	64QAM	1	0	17.35	17.40	17.37		
20	64QAM	1	49	17.40	17.39	17.37		
20	64QAM	1	99	17.35	17.39	17.44		
20	64QAM	50	0	17.39	17.42	17.39		
20	64QAM	50	24	17.42	17.41	17.39		
20	64QAM	50	50	17.43	17.45	17.45		
20	64QAM	100	0	17.43	17.42	17.40		
20	256QAM	1	0	15.41	15.40	15.43		
20	256QAM	1	49	15.36	15.40	15.35	16.5	2
20	256QAM	1	99	15.43	15.43	15.37		
20	256QAM	50	0	15.35	15.42	15.35		
20	256QAM	50	24	15.39	15.47	15.43	16.5	2
20	256QAM	50	50	15.43	15.39	15.36		
20	256QAM	100	0	15.38	15.44	15.38		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.27	17.41	17.31		
15	QPSK	1	37	17.36	17.44	17.31	18.5	0
15	QPSK	1	74	17.35	17.44	17.33		
15	QPSK	36	0	17.28	17.44	17.38		
15	QPSK	36	20	17.32	17.39	17.29		
15	QPSK	36	39	17.30	17.41	17.37	18.5	0
15	QPSK	75	0	17.35	17.34	17.34		
15	16QAM	1	0	17.29	17.39	17.32		
15	16QAM	1	37	17.38	17.38	17.39	18.5	0
15	16QAM	1	74	17.33	17.42	17.36		
15	16QAM	36	0	17.33	17.36	17.30		
15	16QAM	36	20	17.34	17.43	17.30	18.5	0
15	16QAM	36	39	17.29	17.37	17.39		
15	16QAM	75	0	17.31	17.34	17.34		
15	64QAM	1	0	17.35	17.39	17.33		
15	64QAM	1	37	17.33	17.40	17.30	18.5	0
15	64QAM	1	74	17.28	17.37	17.36		
15	64QAM	36	0	17.33	17.35	17.38		
15	64QAM	36	20	17.27	17.41	17.29	18.5	0
15	64QAM	36	39	17.38	17.40	17.35		
15	64QAM	75	0	17.30	17.33	17.38		
15	256QAM	1	0	15.31	15.42	15.30		
15	256QAM	1	37	15.29	15.35	15.31	16.5	2
15	256QAM	1	74	15.36	15.41	15.39		
15	256QAM	36	0	15.38	15.44	15.33		
15	256QAM	36	20	15.35	15.41	15.37	16.5	2
15	256QAM	36	39	15.29	15.36	15.33		
15	256QAM	75	0	15.37	15.34	15.34		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.31	17.37	17.31		
10	QPSK	1	25	17.37	17.38	17.35	18.5	0
10	QPSK	1	49	17.36	17.44	17.33		
10	QPSK	25	0	17.28	17.43	17.36		
10	QPSK	25	12	17.27	17.39	17.33		
10	QPSK	25	25	17.36	17.33	17.41	18.5	0
10	QPSK	50	0	17.27	17.35	17.39		
10	16QAM	1	0	17.33	17.35	17.31		
10	16QAM	1	25	17.36	17.39	17.31	18.5	0
10	16QAM	1	49	17.33	17.45	17.41		
10	16QAM	25	0	17.28	17.40	17.35		
10	16QAM	25	12	17.34	17.34	17.40	18.5	0
10	16QAM	25	25	17.38	17.37	17.39		
10	16QAM	50	0	17.30	17.35	17.40		
10	64QAM	1	0	17.33	17.39	17.33		
10	64QAM	1	25	17.36	17.43	17.31	18.5	0
10	64QAM	1	49	17.37	17.38	17.38		
10	64QAM	25	0	17.37	17.42	17.31		
10	64QAM	25	12	17.35	17.33	17.38	18.5	0
10	64QAM	25	25	17.32	17.36	17.36		
10	64QAM	50	0	17.30	17.42	17.33		
10	256QAM	1	0	15.34	15.35	15.39		
10	256QAM	1	25	15.27	15.44	15.37	16.5	2
10	256QAM	1	49	15.31	15.43	15.40		
10	256QAM	25	0	15.34	15.38	15.34		
10	256QAM	25	12	15.37	15.35	15.33	16.5	2
10	256QAM	25	25	15.35	15.34	15.39		
10	256QAM	50	0	15.37	15.39	15.35		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.31	17.37	17.36		
5	QPSK	1	12	17.32	17.36	17.32	18.5	0
5	QPSK	1	24	17.29	17.39	17.29		
5	QPSK	12	0	17.30	17.39	17.32		
5	QPSK	12	7	17.29	17.40	17.30	18.5	0
5	QPSK	12	13	17.32	17.37	17.33		
5	QPSK	25	0	17.29	17.44	17.30		
5	16QAM	1	0	17.33	17.34	17.39		
5	16QAM	1	12	17.39	17.40	17.38	18.5	0
5	16QAM	1	24	17.34	17.41	17.32		
5	16QAM	12	0	17.34	17.43	17.33		
5	16QAM	12	7	17.36	17.34	17.35	18.5	0
5	16QAM	12	13	17.30	17.40	17.29		
5	16QAM	25	0	17.29	17.43	17.29		
5	64QAM	1	0	17.39	17.42	17.35		
5	64QAM	1	12	17.30	17.37	17.33	18.5	0
5	64QAM	1	24	17.32	17.38	17.38		
5	64QAM	12	0	17.37	17.36	17.41		
5	64QAM	12	7	17.28	17.41	17.34	18.5	0
5	64QAM	12	13	17.28	17.38	17.34		
5	64QAM	25	0	17.36	17.33	17.41		
5	256QAM	1	0	15.29	15.45	15.31		
5	256QAM	1	12	15.29	15.34	15.36	16.5	2
5	256QAM	1	24	15.34	15.36	15.35		
5	256QAM	12	0	15.34	15.34	15.36		
5	256QAM	12	7	15.33	15.44	15.38	16.5	2
5	256QAM	12	13	15.28	15.36	15.38		
5	256QAM	25	0	15.39	15.38	15.34		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.31	17.37	17.32		
3	QPSK	1	8	17.35	17.43	17.38	18.5	0
3	QPSK	1	14	17.35	17.40	17.39		
3	QPSK	8	0	17.33	17.33	17.36		
3	QPSK	8	4	17.33	17.42	17.31	18.5	0
3	QPSK	8	7	17.28	17.38	17.38		
3	QPSK	15	0	17.29	17.38	17.38		
3	16QAM	1	0	17.36	17.38	17.37		
3	16QAM	1	8	17.33	17.43	17.33	18.5	0
3	16QAM	1	14	17.30	17.39	17.32		
3	16QAM	8	0	17.30	17.37	17.39		
3	16QAM	8	4	17.30	17.41	17.39	18.5	0
3	16QAM	8	7	17.34	17.44	17.35		
3	16QAM	15	0	17.33	17.34	17.30		
3	64QAM	1	0	17.36	17.44	17.35		
3	64QAM	1	8	17.39	17.39	17.39	18.5	0
3	64QAM	1	14	17.30	17.35	17.38		
3	64QAM	8	0	17.28	17.37	17.31		
3	64QAM	8	4	17.33	17.44	17.35	18.5	0
3	64QAM	8	7	17.31	17.40	17.36		
3	64QAM	15	0	17.29	17.36	17.35		
3	256QAM	1	0	15.29	15.34	15.33		
3	256QAM	1	8	15.31	15.43	15.33	16.5	2
3	256QAM	1	14	15.36	15.37	15.39		
3	256QAM	8	0	15.37	15.45	15.36		
3	256QAM	8	4	15.34	15.44	15.35	16.5	2
3	256QAM	8	7	15.28	15.36	15.32		
3	256QAM	15	0	15.29	15.45	15.36		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.32	17.38	17.32		
1.4	QPSK	1	3	17.34	17.43	17.33		
1.4	QPSK	1	5	17.38	17.34	17.35	18.5	0
1.4	QPSK	3	0	17.33	17.36	17.30		
1.4	QPSK	3	1	17.32	17.45	17.36		
1.4	QPSK	3	3	17.27	17.36	17.37		
1.4	QPSK	6	0	17.38	17.36	17.35	18.5	0
1.4	16QAM	1	0	17.32	17.43	17.35		
1.4	16QAM	1	3	17.33	17.41	17.32		
1.4	16QAM	1	5	17.38	17.42	17.37	18.5	0
1.4	16QAM	3	0	17.32	17.36	17.39		
1.4	16QAM	3	1	17.30	17.42	17.33		
1.4	16QAM	3	3	17.28	17.36	17.35		
1.4	16QAM	6	0	17.33	17.36	17.39	18.5	0
1.4	64QAM	1	0	17.32	17.35	17.29		
1.4	64QAM	1	3	17.29	17.44	17.35		
1.4	64QAM	1	5	17.34	17.44	17.38	18.5	0
1.4	64QAM	3	0	17.32	17.37	17.37		
1.4	64QAM	3	1	17.33	17.44	17.36		
1.4	64QAM	3	3	17.35	17.38	17.33		
1.4	64QAM	6	0	17.39	17.38	17.35	18.5	0
1.4	256QAM	1	0	15.35	15.42	15.30		
1.4	256QAM	1	3	15.30	15.43	15.38		
1.4	256QAM	1	5	15.36	15.41	15.36	16.5	2
1.4	256QAM	3	0	15.29	15.41	15.37		
1.4	256QAM	3	1	15.35	15.37	15.33		
1.4	256QAM	3	3	15.36	15.44	15.30		
1.4	256QAM	6	0	15.34	15.42	15.35	16.5	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.42	21.52	21.46	22.7	0
10	QPSK	1	25	21.48	21.45	21.44		
10	QPSK	1	49	21.36	21.48	21.42		
10	QPSK	25	0	21.42	21.48	21.45		
10	QPSK	25	12	21.41	21.42	21.40		
10	QPSK	25	25	21.46	21.39	21.37		
10	QPSK	50	0	21.43	21.47	21.46		
10	16QAM	1	0	21.45	21.47	21.37		
10	16QAM	1	25	21.41	21.39	21.40		
10	16QAM	1	49

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.13	16.29	16.18	17.1	0
20	QPSK	1	49	16.21	16.22	16.13		
20	QPSK	1	99	16.17	16.20	16.21		
20	QPSK	50	0	16.20	16.25	16.22	17.1	0
20	QPSK	50	24	16.17	16.23	16.19		
20	QPSK	50	50	16.17	16.22	16.20		
20	QPSK	100	0	16.15	16.24	16.22		
20	16QAM	1	0	16.21	16.18	16.13	17.1	0
20	16QAM	1	49	16.13	16.21	16.15		
20	16QAM	1	99	16.22	16.23	16.17		
20	16QAM	50	0	16.11	16.20	16.22	17.1	0
20	16QAM	50	24	16.19	16.28	16.23		
20	16QAM	50	50	16.16	16.27	16.19		
20	16QAM	100	0	16.18	16.21	16.18		
20	64QAM	1	0	16.14	16.18	16.20	17.1	0
20	64QAM	1	49	16.15	16.24	16.17		
20	64QAM	1	99	16.22	16.22	16.17		
20	64QAM	50	0	16.20	16.27	16.18	17.1	0
20	64QAM	50	24	16.13	16.15	16.18		
20	64QAM	50	50	16.21	16.24	16.13		
20	64QAM	100	0	16.16	16.22	16.13		
20	256QAM	1	0	16.14	16.21	16.23	17.1	0
20	256QAM	1	49	16.14	16.25	16.12		
20	256QAM	1	99	16.15	16.23	16.13		
20	256QAM	50	0	16.11	16.22	16.17	17.1	0
20	256QAM	50	24	16.10	16.20	16.13		
20	256QAM	50	50	16.12	16.21	16.20		
20	256QAM	100	0	16.11	16.28	16.12		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.14	16.23	16.17	17.1	0
15	QPSK	1	37	16.08	16.17	16.15		
15	QPSK	1	74	16.14	16.24	16.07		
15	QPSK	36	0	16.11	16.17	16.16	17.1	0
15	QPSK	36	20	16.17	16.18	16.07		
15	QPSK	36	39	16.14	16.23	16.10		
15	QPSK	75	0	16.12	16.20	16.09		
15	16QAM	1	0	16.07	16.21	16.18	17.1	0
15	16QAM	1	37	16.09	16.26	16.13		
15	16QAM	1	74	16.07	16.17	16.10		
15	16QAM	36	0	16.07	16.18	16.12	17.1	0
15	16QAM	36	20	16.16	16.27	16.08		
15	16QAM	36	39	16.12	16.25	16.08		
15	16QAM	75	0	16.11	16.19	16.09		
15	64QAM	1	0	16.09	16.27	16.17	17.1	0
15	64QAM	1	37	16.15	16.24	16.09		
15	64QAM	1	74	16.15	16.21	16.17		
15	64QAM	36	0	16.15	16.16	16.17	17.1	0
15	64QAM	36	20	16.08	16.25	16.09		
15	64QAM	36	39	16.06	16.16	16.16		
15	64QAM	75	0	16.17	16.23	16.16		
15	256QAM	1	0	16.12	16.22	16.07	17.1	0
15	256QAM	1	37	16.09	16.18	16.15		
15	256QAM	1	74	16.09	16.19	16.07		
15	256QAM	36	0	16.08	16.20	16.15	17.1	0
15	256QAM	36	20	16.08	16.20	16.17		
15	256QAM	36	39	16.06	16.25	16.13		
15	256QAM	75	0	16.09	16.16	16.15		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.16	16.21	16.07	17.1	0
10	QPSK	1	25	16.05	16.18	16.14		
10	QPSK	1	49	16.17	16.23	16.08		
10	QPSK	25	0	16.12	16.15	16.16	17.1	0
10	QPSK	25	12	16.10	16.25	16.11		
10	QPSK	25	25	16.16	16.25	16.09		
10	QPSK	50	0	16.13	16.22	16.16		
10	16QAM	1	0	16.10	16.16	16.17	17.1	0
10	16QAM	1	25	16.11	16.23	16.18		
10	16QAM	1	49	16.12	16.21	16.11		
10	16QAM	25	0	16.13	16.21	16.17	17.1	0
10	16QAM	25	12	16.09	16.21	16.13		
10	16QAM	25	25	16.07	16.21	16.10		
10	16QAM	50	0	16.05	16.26	16.10		
10	64QAM	1	0	16.09	16.16	16.11	17.1	0
10	64QAM	1	25	16.11	16.17	16.09		
10	64QAM	1	49	16.11	16.23	16.12		
10	64QAM	25	0	16.07	16.25	16.17	17.1	0
10	64QAM	25	12	16.06	16.17	16.07		
10	64QAM	25	25	16.11	16.21	16.11		
10	64QAM	50	0	16.08	16.22	16.16		
10	256QAM	1	0	16.07	16.20	16.14	17.1	0
10	256QAM	1	25	16.07	16.26	16.14		
10	256QAM	1	49	16.17	16.15	16.18		
10	256QAM	25	0	16.14	16.24	16.13	17.1	0
10	256QAM	25	12	16.10	16.20	16.18		
10	256QAM	25	25	16.06	16.19	16.17		
10	256QAM	50	0	16.12	16.26	16.09		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.13	16.24	16.17	17.1	0
5	QPSK	1	12	16.08	16.19	16.14		
5	QPSK	1	24	16.12	16.21	16.08		
5	QPSK	12	0	16.14	16.24	16.13	17.1	0
5	QPSK	12	7	16.13	16.18	16.08		
5	QPSK	12	13	16.08	16.24	16.16		
5	QPSK	25	0	16.12	16.22	16.17		
5	16QAM	1	0	16.13	16.24	16.17	17.1	0
5	16QAM	1	12	16.12	16.24	16.07		
5	16QAM	1	24	16.16	16.24	16.16		
5	16QAM	12	0	16.09	16.16	16.17	17.1	0
5	16QAM	12	7	16.16	16.19	16.17		
5	16QAM	12	13	16.14	16.25	16.09		
5	16QAM	25	0	16.09	16.17	16.16		
5	64QAM	1	0	16.06	16.22	16.07	17.1	0
5	64QAM	1	12	16.11	16.26	16.14		
5	64QAM	1	24	16.06	16.16	16.15		
5	64QAM	12	0	16.16	16.24	16.13	17.1	0
5	64QAM	12	7	16.09	16.19	16.16		
5	64QAM	12	13	16.09	16.25	16.16		
5	64QAM	25	0	16.13	16.21	16.14		
5	256QAM	1	0	16.11	16.26	16.07	17.1	0
5	256QAM	1	12	16.12	16.23	16.08		
5	256QAM	1	24	16.13	16.18	16.09		
5	256QAM	12	0	16.11	16.23	16.08	17.1	0
5	256QAM	12	7	16.06	16.23	16.11		
5	256QAM	12	13	16.13	16.16	16.08		
5	256QAM	25	0	16.08	16.20	16.09		

Band 12 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.83	21.96	21.87	23	0
10	QPSK	1	25	21.74	21.73	21.89		
10	QPSK	1	49	21.90	21.84	21.67		
10	QPSK	25	0	20.86	20.91	20.89	22	1
10	QPSK	25	12	20.68	20.83	20.52		
10	QPSK	25	25	20.72	20.68	20.57		
10	QPSK	50	0	20.85	20.89	20.83		
10	16QAM	1	0	21.14	21.20	21.18	22	1
10	16QAM	1	25	21.10	21.22	20.99		
10	16QAM	1	49	21.13	21.25	21.13		
10	16QAM	25	0	19.65	19.79	19.54	21	2
10	16QAM	25	12	19.65	19.74	19.61		
10	16QAM	25	25	19.72	19.69	19.76		
10	16QAM	50	0	19.69	19.69	19.64		
10	64QAM	1	0	19.85	19.85	19.95	21	2
10	64QAM	1	25	19.80	19.87	19.91		
10	64QAM	1	49	19.88	19.98	19.81		
10	64QAM	25	0	18.85	18.81	18.62	20	3
10	64QAM	25	12	18.61	18.70	18.76		
10	64QAM	25	25	18.70	18.78	18.66		
10	64QAM	50	0	18.65	18.71	18.67		
10	256QAM	1	0	16.84	16.91	16.89	18	5
10	256QAM	1	25	16.87	16.99	16.83		
10	256QAM	1	49	16.80	16.92	16.78		
10	256QAM	25	0	16.83	16.93	16.83	18	5
10	256QAM	25	12	16.87	16.89	16.83		
10	256QAM	25	25	16.87	16.95	16.78		
10	256QAM	50	0	16.81	16.94	16.78		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.86	21.86	21.81	23	0
5	QPSK	1	12	21.73	21.74	21.80		
5	QPSK	1	24	21.80	21.82	21.63		
5	QPSK	12	0	20.81	20.83	20.71	22	1
5	QPSK	12	7	20.66	20.69	20.47		
5	QPSK	12	13	20.71	20.63	20.56		
5	QPSK	25	0	20.76	20.84	20.73		
5	16QAM	1	0	21.06	21.26	21.18	22	1
5	16QAM	1	12	21.11	21.20	20.93		
5	16QAM	1	24	21.10	21.22	21.11		
5	16QAM	12	0	19.59	19.79	19.60	21	2
5	16QAM	12	7	19.60	19.67	19.64		
5	16QAM	12	13	19.71	19.60	19.69		
5	16QAM	25	0	19.61	19.69	19.59		
5	64QAM	1	0	19.85	19.88	19.93	21	2
5	64QAM	1	12	19.87	19.94	19.86		
5	64QAM	1	24	19.77	19.95	19.71		
5	64QAM	12	0	18.84	18.69	18.55	20	3
5	64QAM	12	7	18.59	18.65	18.70		
5	64QAM	12	13	18.64	18.76	18.60		
5	64QAM	25	0	18.59	18.71	18.66		
5	256QAM	1	0	16.83	16.93	16.81	18	5
5	256QAM	1	12	16.82	16.97	16.78		
5	256QAM	1	24	16.81	16.92	16.84		
5	256QAM	12	0	16.83	16.93	16.82	18	5
5	256QAM	12	7	16.80	16.87	16.83		
5	256QAM	12	13	16.81	16.85	16.81		
5	256QAM	25	0	16.84	16.94	16.79		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.87	21.93	21.84	23	0
3	QPSK	1	8	21.71	21.66	21.79		
3	QPSK	1	14	21.86	21.85	21.64		
3	QPSK	8	0	20.82	20.87	20.79	22	1
3	QPSK	8	4	20.61	20.79	20.51		
3	QPSK	8	7	20.70	20.63	20.57		
3	QPSK	15	0	20.69	20.86	20.75		
3	16QAM	1	0	21.02	21.24	21.16	22	1
3	16QAM	1	8	21.12	21.23	20.99		
3	16QAM	1	14	21.13	21.18	21.04		
3	16QAM	8	0	19.57	19.74	19.51	21	2
3	16QAM	8	4	19.58	19.72	19.67		
3	16QAM	8	7	19.63	19.69	19.74		
3	16QAM	15	0	19.64	19.73	19.68		
3	64QAM	1	0	19.87	19.81	19.94	21	2
3	64QAM	1	8	19.82	19.92	19.96		
3	64QAM	1	14	19.84	20.02	19.78		
3	64QAM	8	0	18.75	18.70	18.52	20	3
3	64QAM	8	4	18.58	18.65	18.67		
3	64QAM	8	7	18.67	18.74	18.62		
3	64QAM	15	0	18.56	18.67	18.72		
3	256QAM	1	0	16.85	16.95	16.75	18	5
3	256QAM	1	8	16.85	16.88	16.77		
3	256QAM	1	14	16.86	16.87	16.84		
3	256QAM	8	0	16.77	16.96	16.78	18	5
3	256QAM	8	4	16.82	16.90	16.79		
3	256QAM	8	7	16.83	16.94	16.82		
3	256QAM	15	0	16.84	16.94	16.78		
Channel				23012	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.78	21.91	21.86	23	0
1.4	QPSK	1	3	21.63	21.68	21.83		
1.4	QPSK	1	5	21.85	21.77	21.63		
1.4	QPSK	3	0	21.79	21.84	21.84		
1.4	QPSK	3	1	21.70	21.70	21.79		
1.4	QPSK	3	3	21.86	21.84	21.65		
1.4	QPSK	6	0	20.84	20.88	20.79	22	1
1.4	16QAM	1	0	20.62	20.69	20.50	22	1
1.4	16QAM	1	3	20.61	20.59	20.55		
1.4	16QAM	1	5	20.80	20.76	20.77		
1.4	16QAM	3	0	20.80	20.90	20.75		
1.4	16QAM	3	1	20.69	20.71	20.58		
1.4	16QAM	3	3	20.68	20.64	20.60		
1.4	16QAM	6	0	19.62	19.83	19.52	21	2
1.4	64QAM	1	0	19.60	19.72	19.62	21	2
1.4	64QAM	1	3	19.69	19.71	19.66		
1.4	64QAM	1	5	19.65	19.84	19.56		
1.4	64QAM	3	0	19.61	19.67	19.58		
1.4	64QAM	3	1	19.70	19.63	19.64		
1.4	64QAM	3	3	19.62	19.71	19.62		
1.4	64QAM	6	0	18.77	18.78	18.57	20	3
1.4	256QAM	1	0	16.84	16.88	16.74	18	5
1.4	256QAM	1	3	16.82	16.90	16.86		
1.4	256QAM	1	5	16.85	16.96	16.76		
1.4	256QAM	3	0	16.79	16.96	16.82		
1.4	256QAM	3	1	16.86	16.88	16.86		
1.4	256QAM	3	3	16.84	16.87	16.79		
1.4	256QAM	6	0	16.83	16.95	16.84	18	5

Band 13 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.73		23	0
10	QPSK	1	25		21.60			
10	QPSK	1	49		21.58			
10	QPSK	25	0		20.66		22	1
10	QPSK	25	12		20.56			
10	QPSK	25	25		20.44			
10	QPSK	50	0		20.64			
10	16QAM	1	0		21.08		22	1
10	16QAM	1	25		21.12			
10	16QAM	1	49		21.00			
10	16QAM	25	0		19.65		21	2
10	16QAM	25	12		19.51			
10	16QAM	25	25		19.55			
10	16QAM	50	0		19.58			
10	64QAM	1	0		19.73		21	2
10	64QAM	1	25		19.74			
10	64QAM	1	49		19.87			
10	64QAM	25	0		18.55		20	3
10	64QAM	25	12		18.48			
10	64QAM	25	25		18.62			
10	64QAM	50	0		18.54			
10	256QAM	1	0		16.81		18	5
10	256QAM	1	25		16.77			
10	256QAM	1	49		16.73			
10	256QAM	25	0		16.82		18	5
10	256QAM	25	12		16.73			
10	256QAM	25	25		16.76			
10	256QAM	50	0		16.78			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.68	21.68	21.62	23	0
5	QPSK	1	12	21.54	21.49	21.66		
5	QPSK	1	24	21.65	21.58	21.50		
5	QPSK	12	0	20.71	20.71	20.65	22	1
5	QPSK	12	7	20.47	20.60	20.32		
5	QPSK	12	13	20.48	20.54	20.41		
5	QPSK	25	0	20.66	20.67	20.63		
5	16QAM	1	0	20.90	21.11	21.00	22	1
5	16QAM	1	12	20.96	21.00	20.77		
5	16QAM	1	24	21.02	21.07	20.89		
5	16QAM	12	0	19.47	19.67	19.39	21	2
5	16QAM	12	7	19.45	19.58	19.43		
5	16QAM	12	13	19.54	19.55	19.57		
5	16QAM	25	0	19.53	19.54	19.50		
5	64QAM	1	0	19.63	19.69	19.77	21	2
5	64QAM	1	12	19.69	19.74	19.72		
5	64QAM	1	24	19.63	19.85	19.66		
5	64QAM	12	0	18.64	18.59	18.47	20	3
5	64QAM	12	7	18.49	18.55	18.53		
5	64QAM	12	13	18.47	18.52	18.50		
5	64QAM	25	0	18.51	18.60	18.49		
5	256QAM	1	0	16.65	16.74	16.64	18	5
5	256QAM	1	12	16.67	16.72	16.61		
5	256QAM	1	24	16.69	16.72	16.64		
5	256QAM	12	0	16.62	16.71	16.62	18	5
5	256QAM	12	7	16.61	16.72	16.64		
5	256QAM	12	13	16.64	16.77	16.65		
5	256QAM	25	0	16.59	16.78	16.63		

Band 17 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.79	21.95	21.89	23	0
10	QPSK	1	25	21.66	21.71	21.82		
10	QPSK	1	49	21.90	21.80	21.64		
10	QPSK	25	0	20.85	20.89	20.76	22	1
10	QPSK	25	12	20.66	20.74	20.51		
10	QPSK	25	25	20.70	20.79	20.66		
10	QPSK	50	0	20.75	20.83	20.73		
10	16QAM	1	0	21.06	21.22	21.18	22	1
10	16QAM	1	25	21.05	21.22	20.99		
10	16QAM	1	49	21.20	21.22	21.14		
10	16QAM	25	0	19.61	19.84	19.53	21	2
10	16QAM	25	12	19.63	19.66	19.62		
10	16QAM	25	25	19.64	19.74	19.75		
10	16QAM	50	0	19.72	19.71	19.61		
10	64QAM	1	0	19.86	19.87	19.96	21	2
10	64QAM	1	25	19.91	19.87	19.93		
10	64QAM	1	49	19.86	20.05	19.81		
10	64QAM	25	0	18.76	18.71	18.60	20	3
10	64QAM	25	12	18.67	18.65	18.75		
10	64QAM	25	25	18.65	18.76	18.63		
10	64QAM	50	0	18.59	18.70	18.75		
10	256QAM	1	0	16.89	16.98	16.86	18	5
10	256QAM	1	25	16.77	16.88	16.83		
10	256QAM	1	49	16.86	16.97	16.82		
10	256QAM	25	0	16.79	16.94	16.79	18	5
10	256QAM	25	12	16.80	16.91	16.87		
10	256QAM	25	25	16.77	16.94	16.80		
10	256QAM	50	0	16.83	16.89	16.82		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.87	21.93	21.83	23	0
5	QPSK	1	12	21.74	21.68	21.77		
5	QPSK	1	24	21.76	21.74	21.66		
5	QPSK	12	0	20.81	20.83	20.75	22	1
5	QPSK	12	7	20.70	20.71	20.59		
5	QPSK	12	13	20.64	20.67	20.54		
5	QPSK	25	0	20.69	20.76	20.73		
5	16QAM	1	0	21.03	21.19	21.20	22	1
5	16QAM	1	12	21.02	21.26	20.91		
5	16QAM	1	24	21.15	21.17	21.13		
5	16QAM	12	0	19.65	19.78	19.58	21	2
5	16QAM	12	7	19.66	19.72	19.60		
5	16QAM	12	13	19.64	19.69	19.75		
5	16QAM	25	0	19.66	19.67	19.68		
5	64QAM	1	0	19.85	19.83	19.88	21	2
5	64QAM	1	12	19.77	19.87	19.90		
5	64QAM	1	24	19.80	19.95	19.82		
5	64QAM	12	0	18.79	18.75	18.60	20	3
5	64QAM	12	7	18.57	18.61	18.71		
5	64QAM	12	13	18.61	18.69	18.61		
5	64QAM	25	0	18.57	18.64	18.67		
5	256QAM	1	0	16.84	16.96	16.81	18	5
5	256QAM	1	12	16.79	16.94	16.81		
5	256QAM	1	24	16.81	16.91	16.78		
5	256QAM	12	0	16.81	16.92	16.80	18	5
5	256QAM	12	7	16.74	16.86	16.74		
5	256QAM	12	13	16.80	16.96	16.80		
5	256QAM	25	0	16.79	16.95	16.79		

Band 26 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.53	21.57	21.49	22.7	0
15	QPSK	1	37	21.51	21.49	21.44		
15	QPSK	1	74	21.49	21.52	21.51		
15	QPSK	36	0	21.48	21.54	21.47	22.7	0
15	QPSK	36	20	21.47	21.50	21.52		
15	QPSK	36	39	21.49	21.52	21.45		
15	QPSK	75	0	21.48	21.53	21.50		
15	16QAM	1	0	21.47	21.48	21.51	22.7	0
15	16QAM	1	37	21.49	21.47	21.46		
15	16QAM	1	74	21.45	21.52	21.46		
15	16QAM	36	0	20.26	20.42	20.18	22	0.7
15	16QAM	36	20	20.25	20.32	20.26		
15	16QAM	36	39	20.28	20.29	20.33		
15	16QAM	75	0	20.29	20.34	20.26		
15	64QAM	1	0	20.44	20.47	20.55	22	0.7
15	64QAM	1	37	20.46	20.52	20.54		
15	64QAM	1	74	20.43	20.64	20.40		
15	64QAM	36	0	19.42	19.36	19.19	21	1.7
15	64QAM	36	20	19.26	19.28	19.35		
15	64QAM	36	39	19.29	19.34	19.27		
15	64QAM	75	0	19.23	19.33	19.30		
15	256QAM	1	0	17.35	17.54	17.28	19	3.7
15	256QAM	1	37	17.25	17.43	17.42		
15	256QAM	1	74	17.38	17.48	17.22		
15	256QAM	36	0	17.33	17.40	17.26	19	3.7
15	256QAM	36	20	17.16	17.30	17.04		
15	256QAM	36	39	17.16	17.38	17.19		
15	256QAM	75	0	17.14	17.16	17.23		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.47	21.43	21.46	22.7	0
10	QPSK	1	25	21.42	21.43	21.40		
10	QPSK	1	49	21.47	21.41	21.45		
10	QPSK	25	0	21.42	21.42	21.37	22.7	0
10	QPSK	25	12	21.48	21.39	21.40		
10	QPSK	25	25	21.42	21.48	21.43		
10	QPSK	50	0	21.39	21.40	21.47		
10	16QAM	1	0	21.42	21.42	21.36	22.7	0
10	16QAM	1	25	21.45	21.45	21.44		
10	16QAM	1	49	21.41	21.48	21.45		
10	16QAM	25	0	20.17	20.25	20.18	22	0.7
10	16QAM	25	12	20.13	20.20	20.22		
10	16QAM	25	25	20.18	20.24	20.16		
10	16QAM	50	0	20.25	20.24	20.20		
10	64QAM	1	0	20.31	20.44	20.38	22	0.7
10	64QAM	1	25	20.33	20.48	20.42		
10	64QAM	1	49	20.33	20.50	20.39		
10	64QAM	25	0	19.22	19.22	19.13	21	1.7
10	64QAM	25	12	19.27	19.23	19.27		
10	64QAM	25	25	19.20	19.28	19.16		
10	64QAM	50	0	19.18	19.21	19.16		
10	256QAM	1	0	17.21	17.42	17.23	19	3.7
10	256QAM	1	25	17.32	17.41	17.38		
10	256QAM	1	49	17.26	17.41	17.23		
10	256QAM	25	0	17.14	17.28	17.09	19	3.7
10	256QAM	25	12	17.11	17.27	17.02		
10	256QAM	25	25	17.07	17.18	17.16		
10	256QAM	50	0	17.03	17.14	17.02		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.43	21.46	21.42	22.7	0
5	QPSK	1	12	21.41	21.39	21.43		
5	QPSK	1	24	21.41	21.39	21.46		
5	QPSK	12	0	21.45	21.50	21.37	22.7	0
5	QPSK	12	7	21.43	21.45	21.36		
5	QPSK	12	13	21.43	21.41	21.38		
5	QPSK	25	0	21.45	21.41	21.39		
5	16QAM	1	0	21.44	21.44	21.46	22.7	0
5	16QAM	1	12	21.44	21.46	21.40		
5	16QAM	1	24	21.47	21.48	21.42		
5	16QAM	12	0	20.19	20.31	20.18	22	0.7
5	16QAM	12	7	20.10	20.26	20.18		
5	16QAM	12	13	20.12	20.24	20.20		
5	16QAM	25	0	20.27	20.25	20.24		
5	64QAM	1	0	20.38	20.48	20.41	22	0.7
5	64QAM	1	12	20.33	20.45	20.44		
5	64QAM	1	24	20.28	20.41	20.43		
5	64QAM	12	0	19.31	19.26	19.17	21	1.7
5	64QAM	12	7	19.21	19.26	19.26		
5	64QAM	12	13	19.09	19.23	19.21		
5	64QAM	25	0	19.20	19.20	19.12		
5	256QAM	1	0	17.20	17.46	17.19	19	3.7
5	256QAM	1	12	17.22	17.37	17.39		
5	256QAM	1	24	17.23	17.42	17.26		
5	256QAM	12	0	17.19	17.24	17.11	19	3.7
5	256QAM	12	7	17.09	17.18	17.05		
5	256QAM	12	13	17.11	17.29	17.13		
5	256QAM	25	0	17.03	17.15	17.03		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.40	21.39	21.44	22.7	0
3	QPSK	1	8	21.37	21.45	21.44		
3	QPSK	1	14	21.43	21.43	21.41		
3	QPSK	8	0	21.45	21.46	21.43	22.7	0
3	QPSK	8	4	21.44	21.42	21.41		
3	QPSK	8	7	21.39	21.43	21.39		
3	QPSK	15	0	21.43	21.48	21.38		
3	16QAM	1	0	21.41	21.48	21.45	22.7	0
3	16QAM	1	8	21.44	21.46	21.42		
3	16QAM	1	14	21.46	21.42	21.36		
3	16QAM	8	0	20.19	20.20	20.08	22	0.7
3	16QAM	8	4	20.14	20.29	20.22		
3	16QAM	8	7	20.10	20.22	20.14		
3	16QAM	15	0	20.18	20.31	20.24		
3	64QAM	1	0	20.29	20.44	20.34	22	0.7
3	64QAM	1	8	20.24	20.52	20.37		
3	64QAM	1	14	20.36	20.41	20.41		
3	64QAM	8	0	19.26	19.27	19.19	21	1.7
3	64QAM	8	4	19.23	19.21	19.28		
3	64QAM	8	7	19.20	19.28	19.15		
3	64QAM	15	0	19.19	19.18	19.18		
3	256QAM	1	0	17.21	17.42	17.17	19	3.7
3	256QAM	1	8	17.24	17.42	17.41		
3	256QAM	1	14	17.30	17.41	17.22		
3	256QAM	8	0	17.15	17.21	17.15	19	3.7
3	256QAM	8	4	17.03	17.25	17.03		
3	256QAM	8	7	17.09	17.18	17.15		
3	256QAM	15	0	17.01	17.12	17.01		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.47	21.49	21.41	22.7	0
1.4	QPSK	1	3	21.41	21.41	21.46		
1.4	QPSK	1	5	21.44	21.42	21.46		
1.4	QPSK	3	0	21.36	21.47	21.38		
1.4	QPSK	3	1	21.39	21.44	21.38		
1.4	QPSK	3	3	21.41	21.42	21.44		
1.4	QPSK	6	0	21.41	21.47	21.42	22.7	0
1.4	16QAM	1	0	21.40	21.39	21.41	22.7	0
1.4	16QAM	1	3	21.41	21.49	21.44		
1.4	16QAM	1	5	21.44	21.39	21.44		
1.4	16QAM	3	0	21.43	21.42	21.46		
1.4	16QAM	3	1	21.45	21.39	21.44		
1.4	16QAM	3	3	21.37	21.49	21.43		
1.4	16QAM	6	0	20.16	20.22	20.19	22	0.7
1.4	64QAM	1	0	20.16	20.33	20.16	22	0.7
1.4	64QAM	1	3	20.13	20.17	20.14		
1.4	64QAM	1	5	20.22	20.19	20.18		
1.4	64QAM	3	0	20.25	20.35	20.21		
1.4	64QAM	3	1	20.08	20.30	20.20		
1.4	64QAM	3	3	20.22	20.31	20.22		
1.4	64QAM	6	0	19.24	19.29	19.38	21	1.7
1.4	256QAM	1	0	17.18	17.38	17.10	19	3.7
1.4	256QAM	1	3	17.24	17.40	17.33		
1.4	256QAM	1	5	17.27	17.34	17.20		
1.4	256QAM	3	0	17.08	17.15	17.21		
1.4	256QAM	3	1	17.04	17.17	17.09		
1.4	256QAM	3	3	17.06	17.17	17.04		
1.4	256QAM	6	0	17.05	17.06	17.01	19	3.7

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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	17.47	17.55	17.50	18.5	0
20	QPSK	1	49	17.46	17.51	17.51		
20	QPSK	1	99	17.47	17.45	17.47		
20	QPSK	50	0	17.48	17.53	17.51	18.5	0
20	QPSK	50	24	17.40	17.52	17.50		
20	QPSK	50	50	17.45	17.51	17.48		
20	QPSK	100	0	17.47	17.50	17.46		
20	16QAM	1	0	17.38	17.53	17.44	18.5	0
20	16QAM	1	49	17.42	17.51	17.39		
20	16QAM	1	99	17.43	17.54	17.46		
20	16QAM	50	0	17.37	17.53	17.48	18.5	0
20	16QAM	50	24	17.46	17.43	17.43		
20	16QAM	50	50	17.45	17.54	17.46		
20	16QAM	100	0	17.46	17.52	17.50		
20	64QAM	1	0	17.38	17.49	17.48	18.5	0
20	64QAM	1	49	17.49	17.44	17.50		
20	64QAM	1	99	17.39	17.44	17.41		
20	64QAM	50	0	17.41	17.52	17.48	18.5	0
20	64QAM	50	24	17.49	17.54	17.44		
20	64QAM	50	50	17.44	17.52	17.47		
20	64QAM	100	0	17.46	17.50	17.48		
20	256QAM	1	0	15.41	15.51	15.40	16.5	2
20	256QAM	1	49	15.46	15.50	15.39		
20	256QAM	1	99	15.44	15.52	15.51		
20	256QAM	50	0	15.40	15.52	15.40	16.5	2
20	256QAM	50	24	15.48	15.51	15.49		
20	256QAM	50	50	15.43	15.52	15.48		
20	256QAM	100	0	15.44	15.55	15.45		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.31	17.34	17.30	18.5	0
15	QPSK	1	37	17.37	17.40	17.34		
15	QPSK	1	74	17.29	17.37	17.29		
15	QPSK	36	0	17.36	17.39	17.29	18.5	0
15	QPSK	36	20	17.34	17.36	17.32		
15	QPSK	36	39	17.31	17.36	17.29		
15	QPSK	75	0	17.28	17.35	17.39		
15	16QAM	1	0	17.35	17.41	17.34	18.5	0
15	16QAM	1	37	17.30	17.34	17.39		
15	16QAM	1	74	17.36	17.36	17.30		
15	16QAM	36	0	17.37	17.42	17.36	18.5	0
15	16QAM	36	20	17.35	17.38	17.34		
15	16QAM	36	39	17.32	17.39	17.30		
15	16QAM	75	0	17.32	17.38	17.30		
15	64QAM	1	0	17.36	17.41	17.37	18.5	0
15	64QAM	1	37	17.30	17.42	17.36		
15	64QAM	1	74	17.35	17.45	17.39		
15	64QAM	36	0	17.28	17.43	17.30	18.5	0
15	64QAM	36	20	17.35	17.36	17.35		
15	64QAM	36	39	17.30	17.36	17.31		
15	64QAM	75	0	17.32	17.43	17.40		
15	256QAM	1	0	15.39	15.37	15.33	16.5	2
15	256QAM	1	37	15.32	15.34	15.41		
15	256QAM	1	74	15.38	15.42	15.37		
15	256QAM	36	0	15.38	15.44	15.38	16.5	2
15	256QAM	36	20	15.32	15.39	15.38		
15	256QAM	36	39	15.29	15.41	15.34		
15	256QAM	75	0	15.32	15.34	15.32		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.34	17.41	17.35	18.5	0
10	QPSK	1	25	17.31	17.38	17.30		
10	QPSK	1	49	17.30	17.43	17.36		
10	QPSK	25	0	17.34	17.43	17.34	18.5	0
10	QPSK	25	12	17.30	17.41	17.33		
10	QPSK	25	25	17.33	17.45	17.35		
10	QPSK	50	0	17.35	17.35	17.38		
10	16QAM	1	0	17.36	17.41	17.33	18.5	0
10	16QAM	1	25	17.28	17.36	17.39		
10	16QAM	1	49	17.33	17.42	17.36		
10	16QAM	25	0	17.35	17.43	17.34	18.5	0
10	16QAM	25	12	17.37	17.38	17.36		
10	16QAM	25	25	17.37	17.36	17.31		
10	16QAM	50	0	17.36	17.39	17.39		
10	64QAM	1	0	17.31	17.43	17.41	18.5	0
10	64QAM	1	25	17.38	17.42	17.30		
10	64QAM	1	49	17.28	17.35	17.40		
10	64QAM	25	0	17.31	17.38	17.33	18.5	0
10	64QAM	25	12	17.28	17.44	17.40		
10	64QAM	25	25	17.38	17.43	17.35		
10	64QAM	50	0	17.36	17.40	17.31		
10	256QAM	1	0	15.38	15.36	15.32	16.5	2
10	256QAM	1	25	15.36	15.39	15.34		
10	256QAM	1	49	15.36	15.34	15.32		
10	256QAM	25	0	15.29	15.39	15.39	16.5	2
10	256QAM	25	12	15.38	15.45	15.38		
10	256QAM	25	25	15.34	15.45	15.32		
10	256QAM	50	0	15.28	15.43	15.38		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.28	17.38	17.34	18.5	0
5	QPSK	1	12	17.35	17.36	17.36		
5	QPSK	1	24	17.38	17.42	17.30		
5	QPSK	12	0	17.28	17.41	17.38	18.5	0
5	QPSK	12	7	17.32	17.36	17.38		
5	QPSK	12	13	17.33	17.43	17.36		
5	QPSK	25	0	17.29	17.42	17.39		
5	16QAM	1	0	17.37	17.42	17.36	18.5	0
5	16QAM	1	12	17.37	17.41	17.30		
5	16QAM	1	24	17.28	17.43	17.41		
5	16QAM	12	0	17.34	17.40	17.36	18.5	0
5	16QAM	12	7	17.33	17.43	17.32		
5	16QAM	12	13	17.28	17.34	17.30		
5	16QAM	25	0	17.39	17.34	17.33		
5	64QAM	1	0	17.36	17.43	17.31	18.5	0
5	64QAM	1	12	17.33	17.36	17.38		
5	64QAM	1	24	17.29	17.33	17.41		
5	64QAM	12	0	17.28	17.42	17.32	18.5	0
5	64QAM	12	7	17.37	17.37	17.37		
5	64QAM	12	13	17.38	17.38	17.35		
5	64QAM	25	0	17.28	17.43	17.39		
5	256QAM	1	0	15.32	15.34	15.36	16.5	2
5	256QAM	1	12	15.35	15.40	15.33		
5	256QAM	1	24	15.31	15.33	15.34		
5	256QAM	12	0	15.36	15.38	15.35	16.5	2
5	256QAM	12	7	15.36	15.38	15.33		
5	256QAM	12	13	15.37	15.43	15.32		
5	256QAM	25	0	15.32	15.43	15.41		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.35	17.38	17.34	18.5	0
3	QPSK	1	8	17.36	17.42	17.33		
3	QPSK	1	14	17.32	17.33	17.35		
3	QPSK	8	0	17.28	17.37	17.33	18.5	0
3	QPSK	8	4	17.36	17.40	17.39		
3	QPSK	8	7	17.33	17.35	17.35		
3	QPSK	15	0	17.34	17.35	17.37		
3	16QAM	1	0	17.35	17.34	17.35	18.5	0
3	16QAM	1	8	17.28	17.42	17.40		
3	16QAM	1	14	17.34	17.40	17.35		
3	16QAM	8	0	17.32	17.37	17.31	18.5	0
3	16QAM	8	4	17.30	17.34	17.37		
3	16QAM	8	7	17.36	17.36	17.34		
3	16QAM	15	0	17.38	17.37	17.41		
3	64QAM	1	0	17.28	17.37	17.31	18.5	0
3	64QAM	1	8	17.36	17.36	17.31		
3	64QAM	1	14	17.33	17.35	17.34		
3	64QAM	8	0	17.28	17.38	17.37	18.5	0
3	64QAM	8	4	17.29	17.37	17.34		
3	64QAM	8	7	17.32	17.43	17.40		
3	64QAM	15	0	17.35	17.41	17.41		
3	256QAM	1	0	15.36	15.43	15.30	16.5	2
3	256QAM	1	8	15.34	15.42	15.37		
3	256QAM	1	14	15.38	15.35	15.38		
3	256QAM	8	0	15.33	15.38	15.35	16.5	2
3	256QAM	8	4	15.36	15.39	15.34		
3	256QAM	8	7	15.29	15.38	15.37		
3	256QAM	15	0	15.32	15.43	15.35		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.37	17.42	17.34	18.5	0
1.4	QPSK	1	3	17.31	17.36	17.36		
1.4	QPSK	1	5	17.36	17.39	17.38		
1.4	QPSK	3	0	17.33	17.40	17.40		
1.4	QPSK	3	1	17.31	17.40	17.32		
1.4	QPSK	3	3	17.31	17.45	17.41		
1.4	QPSK	6	0	17.30	17.37	17.38	18.5	0
1.4	16QAM	1	0	17.36	17.38	17.35	18.5	0
1.4	16QAM	1	3	17.34	17.43	17.32		
1.4	16QAM	1	5	17.39	17.39	17.32		
1.4	16QAM	3	0	17.31	17.39

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.04	19.15	19.07	20.5	0
20	QPSK	1	49	19.11	19.11	19.02		
20	QPSK	1	99	19.04	19.07	19.05		
20	QPSK	50	0	19.07	19.11	19.05	20.5	0
20	QPSK	50	24	19.08	19.10	19.02		
20	QPSK	50	50	19.05	19.08	19.06		
20	QPSK	100	0	19.06	19.10	19.08		
20	16QAM	1	0	19.06	19.14	19.06	20.5	0
20	16QAM	1	49	19.14	19.07	19.02		
20	16QAM	1	99	19.06	19.08	19.07		
20	16QAM	50	0	19.05	19.10	19.03	20.5	0
20	16QAM	50	24	19.13	19.14	19.00		
20	16QAM	50	50	19.11	19.10	19.02		
20	16QAM	100	0	19.06	19.13	19.10		
20	64QAM	1	0	19.13	19.08	19.07	20.5	0
20	64QAM	1	49	19.08	19.12	19.00		
20	64QAM	1	99	19.05	19.11	19.05		
20	64QAM	50	0	18.64	18.63	18.56	20	0.5
20	64QAM	50	24	18.63	18.66	18.60		
20	64QAM	50	50	18.60	18.59	18.54		
20	64QAM	100	0	18.63	18.68	18.60		
20	256QAM	1	0	16.57	16.59	16.55	18	2.5
20	256QAM	1	49	16.62	16.59	16.53		
20	256QAM	1	99	16.57	16.62	16.60		
20	256QAM	50	0	16.65	16.66	16.52	18	2.5
20	256QAM	50	24	16.62	16.63	16.55		
20	256QAM	50	50	16.63	16.62	16.55		
20	256QAM	100	0	16.65	16.60	16.60		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.01	19.06	18.99	20.5	0
15	QPSK	1	37	19.02	19.07	19.06		
15	QPSK	1	74	19.04	19.10	19.03		
15	QPSK	36	0	19.00	19.07	18.98	20.5	0
15	QPSK	36	20	19.00	19.13	19.06		
15	QPSK	36	39	19.07	19.13	18.99		
15	QPSK	75	0	19.02	19.12	19.00		
15	16QAM	1	0	18.98	19.03	19.04	20.5	0
15	16QAM	1	37	19.00	19.13	19.04		
15	16QAM	1	74	19.10	19.05	19.00		
15	16QAM	36	0	19.05	19.10	18.99	20.5	0
15	16QAM	36	20	19.07	19.09	19.06		
15	16QAM	36	39	19.01	19.07	18.95		
15	16QAM	75	0	19.08	19.10	18.94		
15	64QAM	1	0	19.00	19.02	19.02	20.5	0
15	64QAM	1	37	19.03	19.06	19.00		
15	64QAM	1	74	19.02	19.13	19.01		
15	64QAM	36	0	18.58	18.59	18.54	20	0.5
15	64QAM	36	20	18.56	18.62	18.55		
15	64QAM	36	39	18.50	18.58	18.49		
15	64QAM	75	0	18.58	18.54	18.45		
15	256QAM	1	0	16.52	16.59	16.46	18	2.5
15	256QAM	1	37	16.52	16.59	16.44		
15	256QAM	1	74	16.50	16.53	16.45		
15	256QAM	36	0	16.52	16.56	16.50	18	2.5
15	256QAM	36	20	16.60	16.53	16.53		
15	256QAM	36	39	16.48	16.62	16.56		
15	256QAM	75	0	16.60	16.53	16.51		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.10	19.05	18.99	20.5	0
10	QPSK	1	25	18.99	19.07	18.96		
10	QPSK	1	49	19.00	19.10	19.03		
10	QPSK	25	0	19.06	19.13	19.01	20.5	0
10	QPSK	25	12	19.03	19.05	19.06		
10	QPSK	25	25	19.06	19.10	19.02		
10	QPSK	50	0	19.08	19.11	18.95		
10	16QAM	1	0	19.00	19.13	18.97	20.5	0
10	16QAM	1	25	19.03	19.14	18.98		
10	16QAM	1	49	18.99	19.07	18.97		
10	16QAM	25	0	18.99	19.08	18.96	20.5	0
10	16QAM	25	12	19.00	19.08	19.05		
10	16QAM	25	25	19.06	19.07	19.04		
10	16QAM	50	0	19.00	19.12	18.98		
10	64QAM	1	0	19.07	19.09	18.98	20.5	0
10	64QAM	1	25	19.02	19.08	18.99		
10	64QAM	1	49	19.05	19.09	19.00		
10	64QAM	25	0	18.58	18.57	18.54	20	0.5
10	64QAM	25	12	18.58	18.57	18.49		
10	64QAM	25	25	18.55	18.57	18.56		
10	64QAM	50	0	18.59	18.61	18.50		
10	256QAM	1	0	16.50	16.55	16.48	18	2.5
10	256QAM	1	25	16.54	16.60	16.50		
10	256QAM	1	49	16.51	16.57	16.55		
10	256QAM	25	0	16.50	16.58	16.46	18	2.5
10	256QAM	25	12	16.51	16.60	16.55		
10	256QAM	25	25	16.50	16.60	16.51		
10	256QAM	50	0	16.52	16.57	16.44		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.03	19.13	18.95	20.5	0
5	QPSK	1	12	18.99	19.04	19.00		
5	QPSK	1	24	19.06	19.12	19.05		
5	QPSK	12	0	19.08	19.09	19.06	20.5	0
5	QPSK	12	7	19.02	19.05	18.96		
5	QPSK	12	13	19.06	19.04	19.05		
5	QPSK	25	0	19.02	19.12	19.02		
5	16QAM	1	0	18.99	19.14	19.04	20.5	0
5	16QAM	1	12	19.06	19.11	18.95		
5	16QAM	1	24	19.05	19.05	18.95		
5	16QAM	12	0	18.99	19.07	19.02	20.5	0
5	16QAM	12	7	19.00	19.13	19.02		
5	16QAM	12	13	19.02	19.08	19.06		
5	16QAM	25	0	19.08	19.11	19.05		
5	64QAM	1	0	19.09	19.08	18.98	20.5	0
5	64QAM	1	12	19.07	19.10	19.02		
5	64QAM	1	24	19.09	19.07	19.01		
5	64QAM	12	0	18.58	18.55	18.47	20	0.5
5	64QAM	12	7	18.56	18.54	18.54		
5	64QAM	12	13	18.58	18.61	18.55		
5	64QAM	25	0	18.58	18.62	18.45		
5	256QAM	1	0	16.55	16.61	16.48	18	2.5
5	256QAM	1	12	16.54	16.53	16.46		
5	256QAM	1	24	16.52	16.61	16.56		
5	256QAM	12	0	16.51	16.52	16.54	18	2.5
5	256QAM	12	7	16.52	16.62	16.53		
5	256QAM	12	13	16.50	16.56	16.44		
5	256QAM	25	0	16.55	16.63	16.44		

Band 41 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.22	19.23	19.27	19.20	19.25	20.5	0
20	QPSK	1	49	19.15	19.20	19.21	19.21	19.08		
20	QPSK	1	99	19.24	19.18	19.21	19.17	19.09		
20	QPSK	50	0	19.12	19.24	19.26	19.21	19.16	20.5	0
20	QPSK	50	24	19.12	19.17	19.22	19.22	19.14		
20	QPSK	50	50	19.18	19.15	19.23	19.18	19.11		
20	QPSK	100	0	19.23	19.13	19.25	19.20	19.17		
20	16QAM	1	0	19.17	19.18	19.25	19.16	19.12	20.5	0
20	16QAM	1	49	19.13	19.20	19.23	19.17	19.07		
20	16QAM	1	99	19.15	19.17	19.24	19.18	19.06		
20	16QAM	50	0	19.17	19.14	19.23	19.17	19.07	20.5	0
20	16QAM	50	24	19.17	19.25	19.24	19.19	19.05		
20	16QAM	50	50	19.18	19.15	19.25	19.20	19.14		
20	16QAM	100	0	19.14	19.22	19.23	19.21	19.08		
20	64QAM	1	0	19.19	19.20	19.21	19.24	19.10	20.5	0
20	64QAM	1	49	19.19	19.22	19.21	19.19	19.16		
20	64QAM	1	99	19.14	19.19	19.21	19.23	19.11		
20	64QAM	50	0	18.67	18.66	18.81	18.71	18.58	20	0.5
20	64QAM	50	24	18.68	18.74	18.74	18.67	18.62		
20	64QAM	50	50	18.65	18.66	18.78	18.68	18.64		
20	64QAM	100	0	18.70	18.73	18.80	18.71	18.64		
20	256QAM	1	0	16.70	16.67	16.79	16.73	16.63	18	2.5
20	256QAM	1	49	16.63	16.73	16.73	16.72	16.67		
20	256QAM	1	99	16.63	16.70	16.80	16.74	16.55		
20	256QAM	50	0	16.63	16.71	16.71	16.77	16.59	18	2.5
20	256QAM	50	24	16.66	16.69	16.71	16.76	16.67		
20	256QAM	50	50	16.70	16.73	16.71	16.75	16.62		
20	256QAM	100	0	16.69	16.69	16.81	16.73	16.64		
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	19.11	19.11	19.13	19.06	19.03	21	0
15	QPSK	1	37	19.04	19.12	19.15	19.10	18.97		
15	QPSK	1	74	19.06	19.05	19.18	19.14	19.05		
15	QPSK	36	0	19.07	19.15	19.21	19.10	18.98	20.5	0
15	QPSK	36	20	19.14	19.11	19.15	19.11	19.03		
15	QPSK	36	39	19.12	19.10	19.19	19.16	19.06		
15	QPSK	75	0	19.07	19.08	19.12	19.16	18.96		
15	16QAM	1	0	19.11	19.09	19.12	19.10	19.06	20.5	0
15	16QAM	1	37	19.10	19.14	19.19	19.16	19.01		
15	16QAM	1	74	19.10	19.12	19.15	19.12	19.06		
15	16QAM	36	0	19.05	19.09	19.21	19.17	18.99	20.5	0
15	16QAM	36	20	19.03	19.12	19.18	19.13	19.00		
15	16QAM	36	39	19.08	19.05	19.10	19.10	19.04		
15	16QAM	75	0	19.02	19.10	19.09	19.16	19.01		
15	64QAM	1	0	19.07	19.13	19.15	19.13	18.97	20.5	0
15	64QAM	1	37	19.08	19.11	19.17	19.10	18.98		
15	64QAM	1	74	19.06	19.10	19.17	19.17	19.06		
15	64QAM	36	0	18.60	18.65	18.63	18.61	18.57	20	0.5
15	64QAM	36	20	18.62	18.58	18.69	18.65	18.52		
15	64QAM	36	39	18.61	18.64	18.71	18.62	18.54		
15	64QAM	75	0	18.62	18.64	18.63	18.62	18.50		
15	256QAM	1	0	16.59	16.57	16.60	16.61	16.53	18	2.5
15	256QAM	1	37	16.55	16.62	16.66	16.63	16.48		
15	256QAM	1	74	16.62	16.58	16.70	16.63	16.45		
15	256QAM	36	0	16.57	16.58	16.65	16.67	16.52	18	2.5
15	256QAM	36	20	16.60	16.64	16.60	16.60	16.45		
15	256QAM	36	39	16.55	16.60	16.69	16.61	16.57		
15	256QAM	75	0	16.57	16.54	16.59	16.61	16.48		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.02	19.10	19.13	19.18	19.03	21	0
10	QPSK	1	25	19.07	19.05	19.12	19.07	18.99		
10	QPSK	1	49	19.03	19.07	19.13	19.08	19.00		
10	QPSK	25	0	19.04	19.07	19.17	19.18	19.00	20.5	0
10	QPSK	25	12	19.03	19.14	19.14	19.16	19.02		
10	QPSK	25	25	19.08	19.12	19.14	19.15	18.97		
10	QPSK	50	0	19.07	19.11	19.16	19.15	19.00		
10	16QAM	1	0	19.12	19.08	19.17	19.14	18.99	20.5	0
10	16QAM	1	25	19.05	19.11	19.15	19.10	19.00		
10	16QAM	1	49	19.13	19.04	19.16	19.15	19.00		
10	16QAM	25	0	19.08	19.14	19.20	19.12	18.99	20.5	0
10	16QAM	25	12	19.08	19.10	19.21	19.17	19.05		
10	16QAM	25	25	19.13	19.07	19.16	19.08	18.98		
10	16QAM	50	0	19.09	19.04	19.15	19.15	19.04		
10	64QAM	1	0	19.03	19.04	19.16	19.11	18.96	20.5	0
10	64QAM	1	25	19.10	19.06	19.19	19.12	18.96		
10	64QAM	1	49	19.09	19.09	19.19	19.13	19.00		
10	64QAM	25	0	18.58	18.53	18.68	18.59	18.50	20	0.5
10	64QAM	25	12	18.54	18.56	18.70	18.68	18.51		
10	64QAM	25	25	18.60	18.63	18.63	18.61	18.56		
10	64QAM	50	0	18.52	18.63	18.61	18.64	18.55		
10	256QAM	1	0	16.55	16.63	16.70	16.62	16.56	18	2.5
10	256QAM	1	25	16.62	16.64	16.68	16.60	16.45		
10	256QAM	1	49	16.63	16.60	16.66	16.66	16.52		
10	256QAM	25	0	16.58	16.61	16.64	16.64	16.54	18	2.5
10	256QAM	25	12	16.61	16.56	16.69	16.67	16.48		
10	256QAM	25	25	16.59	16.64	16.66	16.68	16.57		
10	256QAM	50	0	16.62	16.59	16.64	16.63	16.48		
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	19.09	19.06	19.17	19.10	18.98	21	0
5	QPSK	1	12	19.04	19.06	19.19	19.16	19.00		
5	QPSK	1	24	19.13	19.14	19.17	19.16	19.06		
5	QPSK	12	0	19.05	19.07	19.20	19.09	19.06	20.5	0
5	QPSK	12	7	19.08	19.14	19.20	19.14	18.97		
5	QPSK	12	13	19.03	19.10	19.11	19.17	18.95		
5	QPSK	25	0	19.09	19.09	19.10	19.07	19.00		
5	16QAM	1	0	19.13	19.15	19.16	19.08	19.01	20.5	0
5	16QAM	1	12	19.06	19.07	19.17	19.11	19.05		
5	16QAM	1	24	19.05	19.07	19.16	19.17	19.05		
5	16QAM	12	0	19.04	19.10	19.21	19.06	18.98	20.5	0
5	16QAM	12	7	19.10	19.03	19.15	19.17	19.06		
5	16QAM	12	13	19.04	19.13	19.21	19.08	19.01		
5	16QAM	25	0	19.11	19.15	19.12	19.07	19.04		
5	64QAM	1	0	19.07	19.14	19.18	19.15	19.07	20.5	0
5	64QAM	1	12	19.07	19.11	19.16	19.12	19.00		
5	64QAM	1	24	19.13	19.12	19.14	19.17	18.98		
5	64QAM	12	0	18.54	18.62	18.64	18.64	18.50	20	0.5
5	64QAM	12	7	18.52	18.63	18.62	18.64	18.45		
5	64QAM	12	13	18.63	18.57	18.61	18.68	18.47		
5	64QAM	25	0	18.63	18.53	18.62	18.61	18.53		
5	256QAM	1	0	16.63	16.57	16.70	16.57	16.54	18	2.5
5	256QAM	1	12	16.57	16.58	16.62	16.58	16.46		
5	256QAM	1	24	16.56	16.61	16.65	16.59	16.51		
5	256QAM	12	0	16.63	16.64	16.60	16.63	16.45	18	2.5
5	256QAM	12	7	16.59	16.58	16.68	16.66	16.52		
5	256QAM	12	13	16.55	16.61	16.61	16.66	16.50		
5	256QAM	25	0	16.57	16.64	16.65	16.67	16.50		

GSM1900 Ant2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.86	28.73	28.55	30.40	19.86	19.73	19.55	21.40
GPRS 1 Tx slot	28.85	28.72	28.54	30.40	19.85	19.72	19.54	21.40
GPRS 2 Tx slots	26.55	26.41	26.27	27.40	20.55	20.41	20.27	21.40
GPRS 3 Tx slots	24.55	24.59	24.51	25.60	20.29	20.33	20.25	21.34
GPRS 4 Tx slots	23.28	23.31	23.35	24.40	20.28	20.31	20.35	21.40
EDGE 1 Tx slot	24.40	24.61	24.81	25.50	15.40	15.61	15.81	16.50
EDGE 2 Tx slots	23.32	23.48	23.73	24.50	17.32	17.48	17.73	18.50
EDGE 3 Tx slots	21.27	21.44	21.67	22.50	17.01	17.18	17.41	18.24
EDGE 4 Tx slots	20.15	20.20	20.28	21.00	17.15	17.20	17.28	18.00

Band		WCDMA II Ant2			Tune-up Limit (dBm)	WCDMA IV Ant2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.17	20.07	20.02	21.50	20.11	20.20	20.11	21.60
3GPP Rel 99	RMC 12.2Kbps	20.17	20.18	20.15	21.50	20.23	20.28	20.27	21.60
3GPP Rel 6	HSDPA Subtest-1	19.19	19.18	19.10	20.50	19.23	19.30	19.20	20.60
3GPP Rel 6	HSDPA Subtest-2	19.06	19.19	19.11	20.50	19.21	19.35	19.21	20.60
3GPP Rel 6	HSDPA Subtest-3	18.63	18.76	18.39	20.00	18.72	18.79	18.56	20.10
3GPP Rel 6	HSDPA Subtest-4	18.69	18.78	18.48	20.00	18.86	18.79	18.52	20.10
3GPP Rel 8	DC-HSDPA Subtest-1	19.09	19.15	19.02	20.50	19.35	19.40	19.22	20.60
3GPP Rel 8	DC-HSDPA Subtest-2	19.28	19.11	19.09	20.50	19.31	19.10	19.10	20.60
3GPP Rel 8	DC-HSDPA Subtest-3	18.59	18.65	18.63	20.00	18.74	18.78	18.76	20.10
3GPP Rel 8	DC-HSDPA Subtest-4	18.71	18.74	18.63	20.00	18.70	18.82	18.80	20.10
3GPP Rel 6	HSUPA Subtest-1	19.09	19.06	19.03	20.50	19.28	19.09	19.09	20.60
3GPP Rel 6	HSUPA Subtest-2	17.18	17.17	16.96	18.50	17.21	17.18	16.99	18.60
3GPP Rel 6	HSUPA Subtest-3	18.32	18.19	18.08	19.50	18.35	18.32	18.28	19.60
3GPP Rel 6	HSUPA Subtest-4	17.28	17.06	17.13	18.50	17.35	17.23	17.24	18.60
3GPP Rel 6	HSUPA Subtest-5	19.09	19.17	19.08	20.50	19.16	19.38	19.28	20.60
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.80	16.82	16.80	18.00	16.87	16.89	16.88	18.10

Band 2 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.98	20.04	20.02		
20	QPSK	1	49	19.96	19.95	19.96	21.1	0
20	QPSK	1	99	19.94	19.93	19.92		
20	QPSK	50	0	20.01	20.02	19.99		
20	QPSK	50	24	19.97	19.94	20.00	21.1	0
20	QPSK	50	50	20.01	19.95	19.97		
20	QPSK	100	0	19.99	19.99	19.97		
20	16QAM	1	0	19.96	20.01	19.95		
20	16QAM	1	49	19.94	20.00	19.95	21.1	0
20	16QAM	1	99	19.95	19.98	19.97		
20	16QAM	50	0	19.91	20.02	19.93		
20	16QAM	50	24	19.92	19.94	19.96	21.1	0
20	16QAM	50	50	20.00	19.95	20.02		
20	16QAM	100	0	20.00	20.01	19.99		
20	64QAM	1	0	19.91	19.95	19.94		
20	64QAM	1	49	19.97	19.97	20.01	21.1	0
20	64QAM	1	99	19.97	20.02	19.93		
20	64QAM	50	0	19.39	19.30	19.36		
20	64QAM	50	24	19.27	19.40	19.43	21	0.1
20	64QAM	50	50	19.35	19.35	19.28		
20	64QAM	100	0	19.31	19.32	19.34		
20	256QAM	1	0	17.40	17.54	17.40		
20	256QAM	1	49	17.36	17.52	17.50	19	2.1
20	256QAM	1	99	17.44	17.48	17.38		
20	256QAM	50	0	17.43	17.47	17.43		
20	256QAM	50	24	17.36	17.46	17.38	19	2.1
20	256QAM	50	50	17.40	17.46	17.38		
20	256QAM	100	0	17.43	17.47	17.40		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.85	19.89	19.88		
15	QPSK	1	37	19.93	19.90	19.90	21.1	0
15	QPSK	1	74	19.93	19.96	19.88		
15	QPSK	36	0	19.96	19.96	19.89		
15	QPSK	36	20	19.89	19.98	19.94	21.1	0
15	QPSK	36	39	19.96	19.96	19.88		
15	QPSK	75	0	19.92	19.91	19.90		
15	16QAM	1	0	19.91	19.90	19.86		
15	16QAM	1	37	19.87	19.91	19.85	21.1	0
15	16QAM	1	74	19.88	19.96	19.87		
15	16QAM	36	0	19.87	19.89	19.89		
15	16QAM	36	20	19.90	19.96	19.91	21.1	0
15	16QAM	36	39	19.87	19.88	19.92		
15	16QAM	75	0	19.96	19.91	19.94		
15	64QAM	1	0	19.95	19.93	19.88		
15	64QAM	1	37	19.88	19.88	19.91	21.1	0
15	64QAM	1	74	19.97	19.94	19.92		
15	64QAM	36	0	19.44	19.32	19.30		
15	64QAM	36	20	19.26	19.40	19.43	21	0.1
15	64QAM	36	39	19.37	19.40	19.37		
15	64QAM	75	0	19.28	19.28	19.38		
15	256QAM	1	0	17.47	17.53	17.45		
15	256QAM	1	37	17.47	17.46	17.48	19	2.1
15	256QAM	1	74	17.42	17.45	17.40		
15	256QAM	36	0	17.46	17.50	17.46		
15	256QAM	36	20	17.42	17.45	17.42	19	2.1
15	256QAM	36	39	17.45	17.49	17.46		
15	256QAM	75	0	17.44	17.35	17.38		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.89	19.94	19.93		
10	QPSK	1	25	19.97	19.93	19.92	21.1	0
10	QPSK	1	49	19.97	19.96	19.89		
10	QPSK	25	0	19.89	19.90	19.91		
10	QPSK	25	12	19.95	19.93	19.96	21.1	0
10	QPSK	25	25	19.88	19.95	19.91		
10	QPSK	50	0	19.92	19.94	19.88		
10	16QAM	1	0	19.93	19.98	19.85		
10	16QAM	1	25	19.91	19.93	19.96	21.1	0
10	16QAM	1	49	19.97	19.88	19.93		
10	16QAM	25	0	19.88	19.94	19.87		
10	16QAM	25	12	19.95	19.93	19.88	21.1	0
10	16QAM	25	25	19.92	19.97	19.93		
10	16QAM	50	0	19.96	19.92	19.89		
10	64QAM	1	0	19.94	19.93	19.91		
10	64QAM	1	25	19.94	19.94	19.88	21.1	0
10	64QAM	1	49	19.93	19.92	19.94		
10	64QAM	25	0	19.38	19.37	19.34		
10	64QAM	25	12	19.31	19.41	19.37	21	0.1
10	64QAM	25	25	19.25	19.34	19.27		
10	64QAM	50	0	19.32	19.26	19.40		
10	256QAM	1	0	17.46	17.46	17.38		
10	256QAM	1	25	17.35	17.46	17.45	19	2.1
10	256QAM	1	49	17.46	17.47	17.41		
10	256QAM	25	0	17.42	17.49	17.47		
10	256QAM	25	12	17.35	17.46	17.43	19	2.1
10	256QAM	25	25	17.46	17.40	17.39		
10	256QAM	50	0	17.43	17.36	17.35		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.94	19.94	19.92		
5	QPSK	1	12	19.96	19.88	19.91	21.1	0
5	QPSK	1	24	19.96	19.87	19.90		
5	QPSK	12	0	19.92	19.97	19.97		
5	QPSK	12	7	19.89	19.94	19.96	21.1	0
5	QPSK	12	13	19.95	19.99	19.91		
5	QPSK	25	0	19.86	19.92	19.88		
5	16QAM	1	0	19.89	19.97	19.89		
5	16QAM	1	12	19.93	19.95	19.87	21.1	0
5	16QAM	1	24	19.94	19.89	19.93		
5	16QAM	12	0	19.92	19.94	19.94		
5	16QAM	12	7	19.88	19.95	19.92	21.1	0
5	16QAM	12	13	19.86	19.87	19.87		
5	16QAM	25	0	19.89	19.98	19.95		
5	64QAM	1	0	19.86	19.90	19.93		
5	64QAM	1	12	19.87	19.94	19.91	21.1	0
5	64QAM	1	24	19.86	19.94	19.85		
5	64QAM	12	0	19.44	19.31	19.31		
5	64QAM	12	7	19.31	19.44	19.33	21	0.1
5	64QAM	12	13	19.31	19.37	19.33		
5	64QAM	25	0	19.28	19.28	19.41		
5	256QAM	1	0	17.41	17.49	17.39		
5	256QAM	1	12	17.46	17.48	17.48	19	2.1
5	256QAM	1	24	17.47	17.40	17.38		
5	256QAM	12	0	17.41	17.46	17.44		
5	256QAM	12	7	17.42	17.45	17.42	19	2.1
5	256QAM	12	13	17.45	17.45	17.27		
5	256QAM	25	0	17.35	17.42	17.37		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.86	19.93	19.88		
3	QPSK	1	8	19.90	19.97	19.91	21.1	0
3	QPSK	1	14	19.93	19.87	19.85		
3	QPSK	8	0	19.91	19.88	19.93		
3	QPSK	8	4	19.86	19.94	19.93	21.1	0
3	QPSK	8	7	19.90	19.90	19.96		
3	QPSK	15	0	19.89	19.90	19.89		
3	16QAM	1	0	19.90	19.89	19.89		
3	16QAM	1	8	19.87	19.97	19.93	21.1	0
3	16QAM	1	14	19.93	19.92	19.96		
3	16QAM	8	0	19.90	19.90	19.92		
3	16QAM	8	4	19.85	19.90	19.95	21.1	0
3	16QAM	8	7	19.96	19.88	19.97		
3	16QAM	15	0	19.88	19.99	19.89		
3	64QAM	1	0	19.95	19.88	19.87		
3	64QAM	1	8	19.91	19.91	19.90	21.1	0
3	64QAM	1	14	19.92	19.98	19.89		
3	64QAM	8	0	19.35	19.37	19.30		
3	64QAM	8	4	19.32	19.37	19.35	21	0.1
3	64QAM	8	7	19.30	19.36	19.34		
3	64QAM	15	0	19.30	19.31	19.34		
3	256QAM	1	0	17.45	17.53	17.42		
3	256QAM	1	8	17.38	17.43	17.42	19	2.1
3	256QAM	1	14	17.39	17.48	17.36		
3	256QAM	8	0	17.36	17.41	17.37		
3	256QAM	8	4	17.45	17.42	17.41	19	2.1
3	256QAM	8	7	17.35	17.50	17.43		
3	256QAM	15	0	17.40	17.47	17.37		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.91	19.97	19.97		
1.4	QPSK	1	3	19.89	19.97	19.89		
1.4	QPSK	1	5	19.92	19.99	19.96	21.1	0
1.4	QPSK	3	0	19.92	19.92	19.87		
1.4	QPSK	3	1	19.94	19.90	19.88		
1.4	QPSK	3	3	19.92	19.98	19.95		
1.4	QPSK	6	0	19.94	19.97	19.85	21.1	0
1.4	16QAM	1	0	19.87	19.95	19.93		
1.4	16QAM	1	3	19.97	19.88	19.91		
1.4	16QAM	1	5	19.96	19.90	19.91	21.1	0
1.4	16QAM	3	0	19.96	19.89	19.96		
1.4	16QAM	3	1	19.87	19.94	19.91		
1.4	16QAM	3	3	19.96	19.88	19.96		
1.4	16QAM	6	0	19.96	19.87	19.95	21.1	0
1.4	64QAM	1	0	19.94	19.90	19.91		
1.4	64QAM	1	3	19.90	19.94	19.94		
1.4	64QAM	1	5	19.85	19.96	19.89	21.1	0
1.4	64QAM	3	0	19.90	19.90	19.87		
1.4	64QAM	3	1	19.97	19.90	19.91		
1.4	64QAM	3	3	19.92	19.90	19.95		
1.4	64QAM	6	0	19.92	19.29	19.30	21	0.1
1.4	256QAM	1	0	17.34	17.39	17.38		
1.4	256QAM	1	3	17.33	17.39	17.35		
1.4	256QAM	1	5	17.40	17.36	17.36	19	2.1
1.4	256QAM	3	0	17.34	17.40	17.40		
1.4	256QAM	3	1	17.33	17.41	17.33		
1.4	256QAM	3	3	17.39	17.42	17.30		
1.4	256QAM	6	0	17.38	17.35	17.30	19	2.1

Band 4 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.92	19.95	19.94		
20	QPSK	1	49	19.81	19.88	19.87	20.7	0
20	QPSK	1	99	19.82	19.84	19.83		
20	QPSK	50	0	19.87	19.93	19.88		
20	QPSK	50	24	19.84	19.88	19.83	20.7	0
20	QPSK	50	50	19.88	19.90	19.89		
20	QPSK	100	0	19.89	19.92	19.86		
20	16QAM	1	0	19.87	19.86	19.85		
20	16QAM	1	49	19.89	19.91	19.85	20.7	0
20	16QAM	1	99	19.84	19.86	19.92		
20	16QAM	50	0	19.88	19.87	19.86		
20	16QAM	50	24	19.89	19.90	19.93	20.7	0
20	16QAM	50	50	19.82	19.91	19.85		
20	16QAM	100	0	19.85	19.93	19.91		
20	64QAM	1	0	19.85	19.88	19.84		
20	64QAM	1	49	19.82	19.86	19.92	20.7	0
20	64QAM	1	99	19.85	19.90	19.89		
20	64QAM	50	0	19.85	19.85	19.94		
20	64QAM	50	24	19.87	19.85	19.93	20.7	0
20	64QAM	50	50	19.83	19.93	19.88		
20	64QAM	100	0	19.32	19.44	19.33		
20	256QAM	1	0	17.41	17.39	17.33		
20	256QAM	1	49	17.35	17.36	17.41	19	1.7
20	256QAM	1	99	17.32	17.39	17.42		
20	256QAM	50	0	17.32	17.39	17.37		
20	256QAM	50	24	17.39	17.36	17.34	19	1.7
20	256QAM	50	50	17.36	17.41	17.40		
20	256QAM	100	0	17.40	17.36	17.44		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.85	19.82	19.85		
15	QPSK	1	37	19.82	19.88	19.88	20.7	0
15	QPSK	1	74	19.78	19.82	19.80		
15	QPSK	36	0	19.82	19.80	19.79		
15	QPSK	36	20	19.80	19.84	19.81	20.7	0
15	QPSK	36	39	19.80	19.89	19.80		
15	QPSK	75	0	19.80	19.88	19.79		
15	16QAM	1	0	19.86	19.89	19.79		
15	16QAM	1	37	19.84	19.90	19.86	20.7	0
15	16QAM	1	74	19.85	19.82	19.87		
15	16QAM	36	0	19.81	19.79	19.88		
15	16QAM	36	20	19.83	19.89	19.87	20.7	0
15	16QAM	36	39	19.84	19.84	19.86		
15	16QAM	75	0	19.88	19.80	19.80		
15	64QAM	1	0	19.76	19.87	19.83		
15	64QAM	1	37	19.81	19.79	19.87	20.7	0
15	64QAM	1	74	19.78	19.81	19.79		
15	64QAM	36	0	19.80	19.88	19.84		
15	64QAM	36	20	19.81	19.85	19.78	20.7	0
15	64QAM	36	39	19.80	19.89	19.83		
15	64QAM	75	0	19.34	19.32	19.35		
15	256QAM	1	0	17.37	17.32	17.36		
15	256QAM	1	37	17.33	17.29	17.34	19	1.7
15	256QAM	1	74	17.37	17.34	17.33		
15	256QAM	36	0	17.34	17.39	17.34		
15	256QAM	36	20	17.30	17.39	17.37	19	1.7
15	256QAM	36	39	17.37	17.40	17.39		
15	256QAM	75	0	17.33	17.35	17.29		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.80	19.80	19.89		
10	QPSK	1	25	19.78	19.80	19.90	20.7	0
10	QPSK	1	49	19.77	19.87	19.83		
10	QPSK	25	0	19.80	19.82	19.82		
10	QPSK	25	12	19.87	19.86	19.78	20.7	0
10	QPSK	25	25	19.82	19.81	19.80		
10	QPSK	50	0	19.80	19.89	19.86		
10	16QAM	1	0	19.77	19.88	19.86		
10	16QAM	1	25	19.88	19.89	19.89	20.7	0
10	16QAM	1	49	19.83	19.89	19.78		
10	16QAM	25	0	19.78	19.80	19.80		
10	16QAM	25	12	19.78	19.86	19.85	20.7	0
10	16QAM	25	25	19.78	19.90	19.87		
10	16QAM	50	0	19.87	19.82	19.89		
10	64QAM	1	0	19.80	19.83	19.85		
10	64QAM	1	25	19.80	19.88	19.79	20.7	0
10	64QAM	1	49	19.77	19.89	19.90		
10	64QAM	25	0	19.87	19.83	19.79		
10	64QAM	25	12	19.79	19.88	19.89	20.7	0
10	64QAM	25	25	19.81	19.89	19.90		
10	64QAM	50	0	19.27	19.40	19.33		
10	256QAM	1	0	17.34	17.34	17.30		
10	256QAM	1	25	17.34	17.30	17.30	19	1.7
10	256QAM	1	49	17.32	17.37	17.31		
10	256QAM	25	0	17.30	17.30	17.37		
10	256QAM	25	12	17.30	17.33	17.40	19	1.7
10	256QAM	25	25	17.37	17.38	17.30		
10	256QAM	50	0	17.30	17.37	17.32		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.83	19.88	19.85		
5	QPSK	1	12	19.81	19.89	19.89	20.7	0
5	QPSK	1	24	19.81	19.83	19.84		
5	QPSK	12	0	19.76	19.88	19.80		
5	QPSK	12	7	19.85	19.80	19.89	20.7	0
5	QPSK	12	13	19.85	19.89	19.81		
5	QPSK	25	0	19.80	19.87	19.85		
5	16QAM	1	0	19.86	19.86	19.80		
5	16QAM	1	12	19.83	19.82	19.88	20.7	0
5	16QAM	1	24	19.86	19.82	19.87		
5	16QAM	12	0	19.87	19.85	19.89		
5	16QAM	12	7	19.84	19.87	19.79	20.7	0
5	16QAM	12	13	19.78	19.86	19.85		
5	16QAM	25	0	19.87	19.87	19.89		
5	64QAM	1	0	19.86	19.87	19.87		
5	64QAM	1	12	19.83	19.82	19.81	20.7	0
5	64QAM	1	24	19.85	19.86	19.83		
5	64QAM	12	0	19.85	19.80	19.80		
5	64QAM	12	7	19.81	19.79	19.89	20.7	0
5	64QAM	12	13	19.77	19.91	19.81		
5	64QAM	25	0	19.37	19.33	19.37		
5	256QAM	1	0	17.29	17.36	17.33		
5	256QAM	1	12	17.37	17.38	17.38	19	1.7
5	256QAM	1	24	17.33	17.30	17.38		
5	256QAM	12	0	17.36	17.40	17.29		
5	256QAM	12	7	17.30	17.29	17.32		
5	256QAM	12	13	17.27	17.38	17.33	19	1.7
5	256QAM	25	0	17.38	17.31	17.36		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.86	19.88	19.87		
3	QPSK	1	8	19.79	19.89	19.89	20.7	0
3	QPSK	1	14	19.85	19.81	19.82		
3	QPSK	8	0	19.84	19.80	19.86		
3	QPSK	8	4	19.78	19.88	19.79	20.7	0
3	QPSK	8	7	19.82	19.88	19.84		
3	QPSK	15	0	19.85	19.91	19.84		
3	16QAM	1	0	19.80	19.87	19.79		
3	16QAM	1	8	19.78	19.91	19.88	20.7	0
3	16QAM	1	14	19.83	19.83	19.86		
3	16QAM	8	0	19.85	19.89	19.81		
3	16QAM	8	4	19.83	19.81	19.86	20.7	0
3	16QAM	8	7	19.87	19.90	19.88		
3	16QAM	15	0	19.83	19.84	19.78		
3	64QAM	1	0	19.87	19.80	19.89		
3	64QAM	1	8	19.88	19.83	19.80	20.7	0
3	64QAM	1	14	19.87	19.87	19.84		
3	64QAM	8	0	19.79	19.88	19.80		
3	64QAM	8	4	19.78	19.84	19.84	20.7	0
3	64QAM	8	7	19.86	19.82	19.82		
3	64QAM	15	0	19.38	19.33	19.32		
3	256QAM	1	0	17.33	17.32	17.32		
3	256QAM	1	8	17.28	17.34	17.29	19	1.7
3	256QAM	1	14	17.26	17.34	17.30		
3	256QAM	8	0	17.35	17.34	17.35		
3	256QAM	8	4	17.36	17.41	17.30	19	1.7
3	256QAM	8	7	17.28	17.30	17.39		
3	256QAM	15	0	17.27	17.40	17.28		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.80	19.81	19.87		
1.4	QPSK	1	3	19.88	19.82	19.84		
1.4	QPSK	1	5	19.80	19.87	19.87	20.7	0
1.4	QPSK	3	0	19.88	19.88	19.80		
1.4	QPSK	3	1	19.84	19.84	19.83		
1.4	QPSK	3	3	19.77	19.91	19.85		
1.4	QPSK	6	0	19.85	19.80	19.83	20.7	0
1.4	16QAM	1	0	19.79	19.87	19.84		
1.4	16QAM	1	3	19.83	19.86	19.83		
1.4	16QAM	1	5	19.87	19.91	19.90	20.7	0
1.4	16QAM	3	0	19.82	19.84	19.82		
1.4	16QAM	3	1	19.80	19.88	19.81		
1.4	16QAM	3	3	19.77	19.85	19.89		
1.4	16QAM	6	0	19.81	19.87	19.86	20.7	0
1.4	64QAM	1	0	19.85	19.79	19.85		
1.4	64QAM	1	3	19.77	19.88	19.84		
1.4	64QAM	1	5	19.80	19.81	19.88	20.7	0
1.4	64QAM	3	0	19.85	19.86	19.90		
1.4	64QAM	3	1	19.86	19.90	19.81		
1.4	64QAM	3	3	19.87	19.90	19.90		
1.4	64QAM	6	0	19.26	19.29	19.32	20.7	0
1.4	256QAM	1	0	17.32	17.32	17.31		
1.4	256QAM	1	3	17.32	17.39	17.39		
1.4	256QAM	1	5	17.30	17.35	17.37	19	1.7
1.4	256QAM	3	0	17.29	17.33	17.34		
1.4	256QAM	3	1	17.35	17.35	17.28		
1.4	256QAM	3	3	17.38	17.39	17.36		
1.4	256QAM	6	0	17.27	17.36	17.39	19	1.7

Band 7 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.68	18.73	18.70		
20	QPSK	1	49	18.68	18.70	18.63	19.7	0
20	QPSK	1	99	18.55	18.72	18.61		
20	QPSK	50	0	18.65	18.72	18.67		
20	QPSK	50	24	18.65	18.71	18.59	19.7	0
20	QPSK	50	50	18.58	18.65	18.66		
20	QPSK	100	0	18.62	18.69	18.66		
20	16QAM	1	0	18.60	18.63	18.62		
20	16QAM	1	49	18.54	18.58	18.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.75	21.88	21.76	23	0
20	QPSK	1	49	21.74	21.80	21.76		
20	QPSK	1	99	21.78	21.82	21.80		
20	QPSK	50	0	21.74	21.85	21.80	23	0
20	QPSK	50	24	21.79	21.82	21.78		
20	QPSK	50	50	21.72	21.83	21.80		
20	QPSK	100	0	21.76	21.83	21.78		
20	16QAM	1	0	21.82	21.86	21.80	23	0
20	16QAM	1	49	21.74	21.84	21.81		
20	16QAM	1	99	21.78	21.83	21.82		
20	16QAM	50	0	21.32	21.39	21.22	22	1
20	16QAM	50	24	21.26	21.40	21.30		
20	16QAM	50	50	21.23	21.37	21.29		
20	16QAM	100	0	21.25	21.32	21.31		
20	64QAM	1	0	21.32	21.34	21.22	22	1
20	64QAM	1	49	21.23	21.39	21.24		
20	64QAM	1	99	21.24	21.38	21.25		
20	64QAM	50	0	20.28	20.36	20.24	21	2
20	64QAM	50	24	20.29	20.39	20.28		
20	64QAM	50	50	20.22	20.30	20.27		
20	64QAM	100	0	20.22	20.39	20.22		
20	256QAM	1	0	18.31	18.38	18.31	19	4
20	256QAM	1	49	18.31	18.33	18.30		
20	256QAM	1	99	18.24	18.40	18.32		
20	256QAM	50	0	18.23	18.39	18.29	19	4
20	256QAM	50	24	18.32	18.32	18.27		
20	256QAM	50	50	18.23	18.38	18.26		
20	256QAM	100	0	18.21	18.36	18.31		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.62	21.73	21.66	23	0
15	QPSK	1	37	21.63	21.73	21.64		
15	QPSK	1	74	21.71	21.79	21.69		
15	QPSK	36	0	21.70	21.74	21.68	23	0
15	QPSK	36	20	21.67	21.80	21.67		
15	QPSK	36	39	21.66	21.78	21.73		
15	QPSK	75	0	21.72	21.80	21.63		
15	16QAM	1	0	21.63	21.79	21.69	23	0
15	16QAM	1	37	21.62	21.80	21.62		
15	16QAM	1	74	21.72	21.78	21.70		
15	16QAM	36	0	21.12	21.26	21.19	22	1
15	16QAM	36	20	21.22	21.27	21.20		
15	16QAM	36	39	21.11	21.27	21.24		
15	16QAM	75	0	21.22	21.31	21.15		
15	64QAM	1	0	21.16	21.29	21.12	22	1
15	64QAM	1	37	21.13	21.25	21.14		
15	64QAM	1	74	21.17	21.22	21.15		
15	64QAM	36	0	20.18	20.23	20.13	21	2
15	64QAM	36	20	20.12	20.21	20.17		
15	64QAM	36	39	20.14	20.29	20.15		
15	64QAM	75	0	20.22	20.30	20.16		
15	256QAM	1	0	18.21	18.27	18.22	19	4
15	256QAM	1	37	18.18	18.30	18.24		
15	256QAM	1	74	18.14	18.29	18.20		
15	256QAM	36	0	18.21	18.32	18.24	19	4
15	256QAM	36	20	18.15	18.25	18.13		
15	256QAM	36	39	18.23	18.26	18.17		
15	256QAM	75	0	18.22	18.24	18.12		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.70	21.76	21.71	23	0
10	QPSK	1	25	21.62	21.73	21.65		
10	QPSK	1	49	21.63	21.81	21.74		
10	QPSK	25	0	21.64	21.72	21.63	23	0
10	QPSK	25	12	21.69	21.78	21.72		
10	QPSK	25	25	21.62	21.78	21.74		
10	QPSK	50	0	21.70	21.72	21.71		
10	16QAM	1	0	21.69	21.75	21.72	23	0
10	16QAM	1	25	21.67	21.77	21.65		
10	16QAM	1	49	21.66	21.73	21.72		
10	16QAM	25	0	21.13	21.22	21.24	22	1
10	16QAM	25	12	21.23	21.27	21.14		
10	16QAM	25	25	21.15	21.32	21.21		
10	16QAM	50	0	21.14	21.28	21.22		
10	64QAM	1	0	21.21	21.28	21.13	22	1
10	64QAM	1	25	21.21	21.32	21.20		
10	64QAM	1	49	21.12	21.21	21.19		
10	64QAM	25	0	20.13	20.21	20.17	21	2
10	64QAM	25	12	20.21	20.23	20.16		
10	64QAM	25	25	20.15	20.26	20.17		
10	64QAM	50	0	20.12	20.23	20.22		
10	256QAM	1	0	18.19	18.23	18.12	19	4
10	256QAM	1	25	18.14	18.23	18.13		
10	256QAM	1	49	18.15	18.22	18.20		
10	256QAM	25	0	18.13	18.24	18.19	19	4
10	256QAM	25	12	18.12	18.26	18.19		
10	256QAM	25	25	18.20	18.23	18.17		
10	256QAM	50	0	18.17	18.21	18.15		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.62	21.73	21.66	23	0
5	QPSK	1	12	21.62	21.78	21.69		
5	QPSK	1	24	21.63	21.74	21.66		
5	QPSK	12	0	21.65	21.71	21.66	23	0
5	QPSK	12	7	21.63	21.81	21.68		
5	QPSK	12	13	21.63	21.70	21.73		
5	QPSK	25	0	21.69	21.82	21.65		
5	16QAM	1	0	21.68	21.70	21.73	23	0
5	16QAM	1	12	21.62	21.75	21.72		
5	16QAM	1	24	21.72	21.80	21.62		
5	16QAM	12	0	21.18	21.23	21.24	22	1
5	16QAM	12	7	21.16	21.28	21.22		
5	16QAM	12	13	21.12	21.32	21.14		
5	16QAM	25	0	21.12	21.27	21.13		
5	64QAM	1	0	21.16	21.23	21.22	22	1
5	64QAM	1	12	21.15	21.24	21.19		
5	64QAM	1	24	21.21	21.28	21.16		
5	64QAM	12	0	20.22	20.27	20.12	21	2
5	64QAM	12	7	20.14	20.25	20.22		
5	64QAM	12	13	20.14	20.22	20.15		
5	64QAM	25	0	20.16	20.25	20.15		
5	256QAM	1	0	18.12	18.24	18.12	19	4
5	256QAM	1	12	18.20	18.23	18.14		
5	256QAM	1	24	18.16	18.22	18.14		
5	256QAM	12	0	18.22	18.24	18.24	19	4
5	256QAM	12	7	18.22	18.29	18.13		
5	256QAM	12	13	18.13	18.29	18.18		
5	256QAM	25	0	18.18	18.25	18.13		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.88	21.94	22.04	21.95	21.99	23	0
20	QPSK	1	49	21.84	21.88	21.99	21.94	21.86		
20	QPSK	1	99	21.84	21.98	22.00	21.95	21.95		
20	QPSK	50	0	21.95	21.96	22.02	21.92	21.97	23	0
20	QPSK	50	24	21.81	21.93	21.97	21.99	21.95		
20	QPSK	50	50	21.86	21.95	21.96	21.89	21.85		
20	QPSK	100	0	21.89	21.87	22.00	21.93	21.95		
20	16QAM	1	0	21.90	21.89	22.00	21.92	21.87	23	0
20	16QAM	1	49	21.90	21.90	21.96	21.90	21.96		
20	16QAM	1	99	21.83	21.95	22.02	21.99	21.86		
20	16QAM	50	0	21.42	21.40	21.44	21.39	21.45	22	1
20	16QAM	50	24	21.41	21.39	21.44	21.49	21.45		
20	16QAM	50	50	21.42	21.42	21.49	21.43	21.42		
20	16QAM	100	0	21.33	21.37	21.43	21.47	21.36		
20	64QAM	1	0	21.31	21.38	21.51	21.39	21.38	22	1
20	64QAM	1	49	21.34	21.38	21.53	21.39	21.47		
20	64QAM	1	99	21.31	21.38	21.49	21.49	21.39		
20	64QAM	50	0	20.37	20.45	20.54	20.40	20.37	21	2
20	64QAM	50	24	20.41	20.47	20.51	20.40	20.40		
20	64QAM	50	50	20.38	20.45	20.46	20.39	20.38		
20	64QAM	100	0	20.40	20.46	20.52	20.50	20.42		
20	256QAM	1	0	18.37	18.44	18.52	18.49	18.41	19	4
20	256QAM	1	49	18.36	18.48	18.52	18.45	18.39		
20	256QAM	1	99	18.34	18.37	18.52	18.43	18.40		
20	256QAM	50	0	18.30	18.37	18.47	18.48	18.47	19	4
20	256QAM	50	24	18.36	18.37	18.47	18.50	18.40		
20	256QAM	50	50	18.38	18.37	18.50	18.44	18.37		
20	256QAM	100	0	18.38	18.47	18.46	18.45	18.38		
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	21.74	21.87	21.92	21.90	21.82	23	0
15	QPSK	1	37	21.81	21.83	21.89	21.87	21.79		
15	QPSK	1	74	21.73	21.79	21.90	21.85	21.81		
15	QPSK	36	0	21.78	21.87	21.86	21.87	21.79	23	0
15	QPSK	36	20	21.80	21.85	21.92	21.80	21.80		
15	QPSK	36	39	21.77	21.84	21.88	21.90	21.80		
15	QPSK	75	0	21.77	21.78	21.89	21.80	21.86		
15	16QAM	1	0	21.80	21.87	21.94	21.88	21.77	23	0
15	16QAM	1	37	21.75	21.80	21.93	21.89	21.82		
15	16QAM	1	74	21.82	21.77	21.92	21.83	21.84		
15	16QAM	36	0	21.23	21.38	21.36	21.34	21.26	22	1
15	16QAM	36	20	21.31	21.28	21.37	21.35	21.31		
15	16QAM	36	39	21.23	21.30	21.40	21.34	21.30		
15	16QAM	75	0	21.22	21.26	21.45	21.34	21.28		
15	64QAM	1	0	21.29	21.30	21.44	21.30	21.35	22	1
15	64QAM	1	37	21.31	21.31	21.39	21.37	21.32		
15	64QAM	1	74	21.32	21.31	21.43	21.40	21.33		
15	64QAM	36	0	20.21	20.35	20.40	20.34	20.34	21	2
15	64QAM	36	20	20.31	20.32	20.39	20.30	20.30		
15	64QAM	36	39	20.25	20.35	20.34	20.36	20.29		
15	64QAM	75	0	20.24	20.31	20.38	20.31	20.32		
15	256QAM	1	0	18.27	18.28	18.36	18.36	18.32	19	4
15	256QAM	1	37	18.30	18.30	18.44	18.41	18.29		
15	256QAM	1	74	18.27	18.29	18.39	18.38	18.32		
15	256QAM	36	0	18.27	18.33	18.38	18.33	18.36	19	4
15	256QAM	36	20	18.30	18.27	18.42	18.35	18.27		
15	256QAM	36	39	18.30	18.31	18.41	18.39	18.30		
15	256QAM	75	0	18.28	18.27	18.39	18.30	18.37		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.77	21.81	21.86	21.81	21.83	23	0
10	QPSK	1	25	21.70	21.84	21.89	21.88	21.81		
10	QPSK	1	49	21.73	21.82	21.90	21.88	21.78		
10	QPSK	25	0	21.81	21.84	21.93	21.81	21.82	23	0
10	QPSK	25	12	21.73	21.85	21.88	21.85	21.81		
10	QPSK	25	25	21.77	21.86	21.91	21.83	21.75		
10	QPSK	50	0	21.77	21.81	21.95	21.84	21.86		
10	16QAM	1	0	21.80	21.82	21.88	21.85	21.85	23	0
10	16QAM	1	25	21.80	21.83	21.92	21.85	21.82		
10	16QAM	1	49	21.79	21.81	21.89	21.84	21.85		
10	16QAM	25	0	21.21	21.37	21.39	21.35	21.37	22	1
10	16QAM	25	12	21.25	21.31	21.35	21.30	21.31		
10	16QAM	25	25	21.24	21.31	21.35	21.37	21.26		
10	16QAM	50	0	21.21	21.36	21.33	21.40	21.35		
10	64QAM	1	0	21.31	21.31	21.40	21.38	21.32	22	1
10	64QAM	1	25	21.31	21.28	21.35	21.34	21.26		
10	64QAM	1	49	21.26	21.34	21.37	21.39	21.26		
10	64QAM	25	0	20.26	20.36	20.40	20.41	20.35	21	2
10	64QAM	25	12	20.30	20.36	20.36	20.36	20.32		
10	64QAM	25	25	20.23	20.38	20.33	20.32	20.36		
10	64QAM	50	0	20.25	20.32	20.37	20.34	20.29		
10	256QAM	1	0	18.25	18.35	18.37	18.36	18.30	19	4
10	256QAM	1	25	18.27	18.31	18.43	18.35	18.34		
10	256QAM	1	49	18.23	18.34	18.44	18.38	18.36		
10	256QAM	25	0	18.28	18.27	18.39	18.29	18.34	19	4
10	256QAM	25	12	18.23	18.31	18.34	18.40	18.36		
10	256QAM	25	25	18.20	18.35	18.38	18.37	18.33		
10	256QAM	50	0	18.24	18.38	18.43	18.32	18.34		
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	21.81	21.85	21.93	21.83	21.79	23	0
5	QPSK	1	12	21.75	21.78	21.92	21.90	21.76		
5	QPSK	1	24	21.81	21.85	21.92	21.82	21.82		
5	QPSK	12	0	21.80	21.76	21.90	21.84	21.83	23	0
5	QPSK	12	7	21.73	21.86	21.83	21.91	21.86		
5	QPSK	12	13	21.73	21.87	21.91	21.87	21.80		
5	QPSK	25	0	21.70	21.77	21.86	21.80	21.83		
5	16QAM	1	0	21.78	21.82	21.92	21.80	21.83	23	0
5	16QAM	1	12	21.71	21.83	21.94	21.84	21.78		
5	16QAM	1	24	21.72	21.85	21.85	21.81	21.76		
5	16QAM	12	0	21.31	21.26	21.43	21.31	21.34	22	1
5	16QAM	12	7	21.29	21.33	21.34	21.36	21.30		
5	16QAM	12	13	21.32	21.32	21.43	21.39	21.32		
5	16QAM	25	0	21.26	21.26	21.37	21.35	21.31		
5	64QAM	1	0	21.29	21.33	21.43	21.33	21.27	22	1
5	64QAM	1	12	21.22	21.28	21.40	21.32	21.32		
5	64QAM	1	24	21.29	21.26	21.40	21.32	21.35		
5	64QAM	12	0	20.29	20.27	20.38	20.33	20.33	21	2
5	64QAM	12	7	20.29	20.29	20.38	20.38	20.37		
5	64QAM	12	13	20.25	20.36	20.43	20.30	20.29		
5	64QAM	25	0	20.23	20.32	20.34	20.41	20.32		
5	256QAM	1	0	18.25	18.33	18.39	18.31	18.35	19	4
5	256QAM	1	12	18.24	18.36	18.36	18.31	18.25		
5	256QAM	1	24	18.30	18.29	18.37	18.39	18.34		
5	256QAM	12	0	18.23	18.34	18.34	18.32	18.31	19	4
5	256QAM	12	7	18.30	18.34	18.40	18.37	18.25		
5	256QAM	12	13	18.21	18.29	18.45	18.38	18.25		
5	256QAM	25	0	18.32	18.33	18.44	18.40	18.25		

Band 2 Ant9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.27	18.35	18.30	19.6	0
20	QPSK	1	49	18.19	18.29	18.28		
20	QPSK	1	99	18.23	18.31	18.26		
20	QPSK	50	0	18.24	18.33	18.30		
20	QPSK	50	24	18.18	18.30	18.27	19.6	0
20	QPSK	50	50	18.22	18.30	18.23		
20	QPSK	100	0	18.25	18.32	18.30		
20	16QAM	1	0	18.21	18.32	18.23		
20	16QAM	1	49	18.21	18.32	18.28	19.6	0
20	16QAM	1	99	18.22	18.29	18.32		
20	16QAM	50	0	18.23	18.34	18.31		
20	16QAM	50	24	18.25	18.26	18.32	19.6	0
20	16QAM	50	50	18.19	18.25	18.23		
20	16QAM	100	0	18.28	18.26	18.27		
20	64QAM	1	0	18.28	18.31	18.30		
20	64QAM	1	49	18.25	18.28	18.24	19.6	0
20	64QAM	1	99	18.21	18.25	18.39		
20	64QAM	50	0	18.26	18.27	18.26		
20	64QAM	50	24	18.19	18.25	18.26	19.6	0
20	64QAM	50	50	18.19	18.26	18.23		
20	64QAM	100	0	18.17	18.33	18.33		
20	256QAM	1	0	17.44	17.48	17.47		
20	256QAM	1	49	17.46	17.54	17.49	19	0.6
20	256QAM	1	99	17.49	17.48	17.41		
20	256QAM	50	0	17.41	17.52	17.39		
20	256QAM	50	24	17.50	17.52	17.43	19	0.6
20	256QAM	50	50	17.50	17.50	17.46		
20	256QAM	100	0	17.50	17.54	17.42		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.17	18.24	18.16		
15	QPSK	1	37	18.16	18.25	18.24	19.6	0
15	QPSK	1	74	18.10	18.21	18.13		
15	QPSK	36	0	18.17	18.22	18.13		
15	QPSK	36	20	18.16	18.24	18.20	19.6	0
15	QPSK	36	39	18.16	18.19	18.20		
15	QPSK	75	0	18.14	18.22	18.22		
15	16QAM	1	0	18.04	18.21	18.12		
15	16QAM	1	37	18.15	18.25	18.21	19.6	0
15	16QAM	1	74	18.17	18.22	18.19		
15	16QAM	36	0	18.15	18.19	18.20		
15	16QAM	36	20	18.13	18.21	18.23	19.6	0
15	16QAM	36	39	18.18	18.25	18.21		
15	16QAM	75	0	18.15	18.22	18.18		
15	64QAM	1	0	18.17	18.17	18.18		
15	64QAM	1	37	18.14	18.20	18.21	19.6	0
15	64QAM	1	74	18.17	18.15	18.24		
15	64QAM	36	0	18.09	18.22	18.18		
15	64QAM	36	20	18.12	18.26	18.13	19.6	0
15	64QAM	36	39	18.08	18.26	18.17		
15	64QAM	75	0	18.17	18.20	18.20		
15	256QAM	1	0	17.35	17.49	17.40		
15	256QAM	1	37	17.39	17.46	17.48	19	0.6
15	256QAM	1	74	17.39	17.41	17.41		
15	256QAM	36	0	17.45	17.38	17.43		
15	256QAM	36	20	17.37	17.45	17.41	19	0.6
15	256QAM	36	39	17.38	17.38	17.36		
15	256QAM	75	0	17.43	17.45	17.41		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.17	18.23	18.16		
10	QPSK	1	25	18.12	18.18	18.22	19.6	0
10	QPSK	1	49	18.20	18.26	18.19		
10	QPSK	25	0	18.10	18.15	18.16		
10	QPSK	25	12	18.17	18.22	18.13		
10	QPSK	25	25	18.18	18.25	18.13		
10	QPSK	50	0	18.11	18.16	18.15		
10	16QAM	1	0	18.11	18.23	18.23		
10	16QAM	1	25	18.14	18.26	18.16	19.6	0
10	16QAM	1	49	18.10	18.25	18.23		
10	16QAM	25	0	18.16	18.23	18.14		
10	16QAM	25	12	18.16	18.18	18.21	19.6	0
10	16QAM	25	25	18.13	18.17	18.22		
10	16QAM	50	0	18.09	18.25	18.21		
10	64QAM	1	0	18.11	18.18	18.20		
10	64QAM	1	25	18.14	18.15	18.23	19.6	0
10	64QAM	1	49	18.11	18.21	18.20		
10	64QAM	25	0	18.16	18.19	18.16	19.6	0
10	64QAM	25	12	18.19	18.16	18.21		
10	64QAM	25	25	18.14	18.16	18.21		
10	64QAM	50	0	18.10	18.17	18.15		
10	256QAM	1	0	17.45	17.42	17.42		
10	256QAM	1	25	17.40	17.40	17.45	19	0.6
10	256QAM	1	49	17.41	17.48	17.44		
10	256QAM	25	0	17.34	17.48	17.40		
10	256QAM	25	12	17.42	17.39	17.36	19	0.6
10	256QAM	25	25	17.38	17.38	17.39		
10	256QAM	50	0	17.34	17.41	17.40		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.07	18.19	18.16		
5	QPSK	1	12	18.16	18.21	18.13	19.6	0
5	QPSK	1	24	18.12	18.19	18.21		
5	QPSK	12	0	18.18	18.25	18.23		
5	QPSK	12	7	18.09	18.23	18.14	19.6	0
5	QPSK	12	13	18.11	18.15	18.15		
5	QPSK	25	0	18.15	18.19	18.16		
5	16QAM	1	0	18.08	18.24	18.21		
5	16QAM	1	12	18.12	18.20	18.13	19.6	0
5	16QAM	1	24	18.15	18.22	18.20		
5	16QAM	12	0	18.17	18.21	18.16		
5	16QAM	12	7	18.18	18.25	18.24	19.6	0
5	16QAM	12	13	18.14	18.26	18.20		
5	16QAM	25	0	18.19	18.15	18.13		
5	64QAM	1	0	18.14	18.16	18.15		
5	64QAM	1	12	18.14	18.23	18.20	19.6	0
5	64QAM	1	24	18.18	18.21	18.20		
5	64QAM	12	0	18.11	18.19	18.14		
5	64QAM	12	7	18.13	18.18	18.23	19.6	0
5	64QAM	12	13	18.18	18.16	18.19		
5	64QAM	25	0	18.12	18.21	18.13		
5	256QAM	1	0	17.45	17.41	17.41		
5	256QAM	1	12	17.45	17.46	17.49	19	0.6
5	256QAM	1	24	17.38	17.48	17.45		
5	256QAM	12	0	17.44	17.46	17.46		
5	256QAM	12	7	17.44	17.39	17.35	19	0.6
5	256QAM	12	13	17.39	17.37	17.38		
5	256QAM	25	0	17.40	17.46	17.35		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.12	18.23	18.13		
3	QPSK	1	8	18.14	18.23	18.23	19.6	0
3	QPSK	1	14	18.18	18.22	18.12		
3	QPSK	8	0	18.09	18.26	18.14		
3	QPSK	8	4	18.10	18.19	18.16	19.6	0
3	QPSK	8	7	18.07	18.20	18.16		
3	QPSK	15	0	18.09	18.19	18.15		
3	16QAM	1	0	18.12	18.17	18.23		
3	16QAM	1	8	18.12	18.15	18.12	19.6	0
3	16QAM	1	14	18.10	18.23	18.23		
3	16QAM	8	0	18.08	18.19	18.17		
3	16QAM	8	4	18.17	18.18	18.12	19.6	0
3	16QAM	8	7	18.10	18.22	18.20		
3	16QAM	15	0	18.18	18.27	18.14		
3	64QAM	1	0	18.10	18.22	18.17		
3	64QAM	1	8	18.09	18.20	18.15	19.6	0
3	64QAM	1	14	18.18	18.19	18.12		
3	64QAM	8	0	18.03	18.21	18.15		
3	64QAM	8	4	18.08	18.24	18.13	19.6	0
3	64QAM	8	7	18.15	18.18	18.23		
3	64QAM	15	0	18.16	18.25	18.14		
3	256QAM	1	0	17.37	17.46	17.37		
3	256QAM	1	8	17.39	17.52	17.40	19	0.6
3	256QAM	1	14	17.36	17.43	17.43		
3	256QAM	8	0	17.45	17.48	17.43		
3	256QAM	8	4	17.41	17.41	17.39	19	0.6
3	256QAM	8	7	17.35	17.39	17.44		
3	256QAM	15	0	17.44	17.38	17.39		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.13	18.17	18.21		
1.4	QPSK	1	3	18.15	18.17	18.19		
1.4	QPSK	1	5	18.18	18.18	18.16	19.6	0
1.4	QPSK	3	0	18.07	18.20	18.23		
1.4	QPSK	3	1	18.17	18.22	18.13		
1.4	QPSK	3	3	18.08	18.17	18.18		
1.4	QPSK	6	0	18.13	18.23	18.22	19.6	0
1.4	16QAM	1	0	18.10	18.18	18.23		
1.4	16QAM	1	3	18.12	18.16	18.23		
1.4	16QAM	1	5	18.18	18.26	18.16	19.6	0
1.4	16QAM	3	0	18.14	18.18	18.19		
1.4	16QAM	3	1	18.12	18.16	18.15		
1.4	16QAM	3	3	18.14	18.24	18.20		
1.4	16QAM	6	0	18.15	18.23	18.20	19.6	0
1.4	64QAM	1	0	18.17	18.26	18.21		
1.4	64QAM	1	3	18.12	18.26	18.13		
1.4	64QAM	1	5	18.12	18.26	18.24	19.6	0
1.4	64QAM	3	0	18.15	18.21	18.20		
1.4	64QAM	3	1	18.07	18.22	18.24		
1.4	64QAM	3	3	18.10	18.23	18.13		
1.4	64QAM	6	0	18.13	18.19	18.23	19.6	0
1.4	256QAM	1	0	17.35	17.45	17.39		
1.4	256QAM	1	3	17.45	17.51	17.51		
1.4	256QAM	1	5	17.40	17.46	17.39	19	0.6
1.4	256QAM	3	0	17.44	17.36	17.36		
1.4	256QAM	3	1	17.43	17.46	17.43		
1.4	256QAM	3	3	17.34	17.43	17.41		
1.4	256QAM	6	0	17.41	17.41	17.44	19	0.6

Band 4 Ant9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.41	22.46	22.42	24	0
20	QPSK	1	49	22.40	22.38	22.35		
20	QPSK	1	99	22.36	22.41	22.41		
20	QPSK	50	0	21.33	21.42	21.32		
20	QPSK	50	24	21.35	21.36	21.32	23	1
20	QPSK	50	50	21.33	21.41	21.31		
20	QPSK	100	0	21.35	21.39	21.33		
20	16QAM	1	0	21.55	21.67	21.68		
20	16QAM	1	49	21.64	21.82	21.85	23	1
20	16QAM	1	99	21.79	21.77	21.63		
20	16QAM	50	0	20.25	20.37	20.36		
20	16QAM	50	24	20.34	20.30	20.35	22	2
20	16QAM	50	50	20.36	20.37	20.24		
20	16QAM	100	0	20.37	20.37	20.31		
20	64QAM	1	0	20.44	20.47	20.43		
20	64QAM	1	49	20.40	20.52	20.50	22	2
20	64QAM	1	99	20.33	20.22	20.58		
20	64QAM	50	0	19.41	19.30	19.30		
20	64QAM	50	24	19.25	19.46	19.36	21	3
20	64QAM	50	50	19.30	19.42	19.30		
20	64QAM	100	0	19.33	19.33	19.39		
20	256QAM	1	0	17.45	17.50	17.45		
20	256QAM	1	49	17.35	17.46	17.51	19	5
20	256QAM	1	99	17.45	17.43	17.45		
20	256QAM	50	0	17.34	17.38	17.37		
20	256QAM	50	24	17.46	17.44	17.45	19	5
20	256QAM	50	50	17.38	17.41	17.41		
20	256QAM	100	0	17.45	17.43	17.39		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.34	22.44	22.40	24	0
15	QPSK	1	37	22.36	22.45	22.42		
15	QPSK	1	74	22.34	22.43	22.31		
15	QPSK	36	0	21.35	21.37	21.29	23	1
15	QPSK	36	20	21.27	21.36	21.29		
15	QPSK	36	39	21.29	21.35	21.29		
15	QPSK	75	0	21.35	21.33	21.33		
15	16QAM	1	0	21.64	21.72	21.76		
15	16QAM	1	37	21.62	21.75	21.65	23	1
15	16QAM	1	74	21.76	21.72	21.60		
15	16QAM	36	0	20.23	20.43	20.25		
15	16QAM	36	20	20.36	20.36	20.24	22	2
15	16QAM	36	39	20.29	20.32	20.28		
15	16QAM	75	0	20.33	20.33	20.34		
15	64QAM	1	0	20.53	20.58	20.46		
15	64QAM	1	37	20.49	20.54	20.49	22	2
15	64QAM	1	74	20.41	20.56	20.53		
15	64QAM	36	0	19.40	19.35	19.24		
15	64QAM	36	20	19.30	19.40	19.36	21	3
15	64QAM	36	39	19.24	19.40	19.25		
15	64QAM	75	0	19.30	19.24	19.38		
15	256QAM	1	0	17.34	17.44	17.35		
15	256QAM	1	37	17.43	17.43	17.41	19	5
15	256QAM	1	74	17.35	17.39	17.44		
15	256QAM	36	0	17.35	17.49	17.44		
15	256QAM	36	20	17.45	17.43	17.46	19	5
15	256QAM	36	39	17.44	17.48	17.39		
15	256QAM	75	0	17.37	17.47	17.42		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.42	22.45	22.40	24	0
10	QPSK	1	25	22.33	22.43	22.40		
10	QPSK	1	49	22.35	22.41	22.39		
10	QPSK	25	0	21.27	21.41	21.37		
10	QPSK	25	12	21.36	21.34	21.26	23	1
10	QPSK	25	25	21.31	21.37	21.31		
10	QPSK	50	0	21.30	21.31	21.29		
10	16QAM	1	0	21.66	21.66	21.72		
10	16QAM	1	25	21.74	21.83	21.71	23	1
10	16QAM	1	49	21.73	21.72	21.55		
10	16QAM	25	0	20.29	20.29	20.30		
10	16QAM	25	12	20.28	20.39	20.31	22	2
10	16QAM	25	25	20.33	20.29	20.28		
10	16QAM	50	0	20.30	20.39	20.29		
10	64QAM	1	0	20.51	20.56	20.49		
10	64QAM	1	25	20.42	20.52	20.42	22	2
10	64QAM	1	49	20.42	20.53	20.50		
10	64QAM	25	0	19.44	19.35	19.27		
10	64QAM	25	12	19.28	19.39	19.37	21	3
10	64QAM	25	25	19.32	19.41	19.25		
10	64QAM	50	0	19.32	19.26	19.43		
10	256QAM	1	0	17.39	17.42	17.46		
10	256QAM	1	25	17.41	17.48	17.44	19	5
10	256QAM	1	49	17.44	17.48	17.44		
10	256QAM	25	0	17.40	17.41	17.36		
10	256QAM	25	12	17.41	17.48	17.37	19	5
10	256QAM	25	25	17.36	17.38	17.40		
10	256QAM	50	0	17.43	17.44	17.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.39	22.40	22.44	24	0
5	QPSK	1	12	22.34	22.44	22.38		
5	QPSK	1	24	22.37	22.40	22.36		
5	QPSK	12	0	21.31	21.40	21.32		
5	QPSK	12	7	21.28	21.31	21.24	23	1
5	QPSK	12	13	21.34	21.35	21.30		
5	QPSK	25	0	21.33	21.39	21.24		
5	16QAM	1	0	21.64	21.68	21.74		
5	16QAM	1	12	21.70	21.84	21.66	23	1
5	16QAM	1	24	21.74	21.79	21.56		
5	16QAM	12	0	20.27	20.44	20.34		
5	16QAM	12	7	20.33	20.36	20.27	22	2
5	16QAM	12	13	20.31	20.35	20.25		
5	16QAM	25	0	20.34	20.29	20.32		
5	64QAM	1	0	20.45	20.52	20.45		
5	64QAM	1	12	20.45	20.53	20.41	22	2
5	64QAM	1	24	20.43	20.55	20.52		
5	64QAM	12	0	19.35	19.30	19.33		
5	64QAM	12	7	19.31	19.49	19.37	21	3
5	64QAM	12	13	19.24	19.36	19.32		
5	64QAM	25	0	19.25	19.34	19.33		
5	256QAM	1	0	17.39	17.53	17.39		
5	256QAM	1	12	17.41	17.48	17.51	19	5
5	256QAM	1	24	17.44	17.45	17.38		
5	256QAM	12	0	17.39	17.48	17.35		
5	256QAM	12	7	17.42	17.47	17.41	19	5
5	256QAM	12	13	17.35	17.38	17.39		
5	256QAM	25	0	17.37	17.39	17.36		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.41	22.39	22.32	24	0
3	QPSK	1	8	22.39	22.38	22.37		
3	QPSK	1	14	22.41	22.37	22.36		
3	QPSK	8	0	21.28	21.41	21.29		
3	QPSK	8	4	21.28	21.37	21.33	23	1
3	QPSK	8	7	21.36	21.31	21.35		
3	QPSK	15	0	21.28	21.38	21.27		
3	16QAM	1	0	21.56	21.69	21.66		
3	16QAM	1	8	21.64	21.81	21.70	23	1
3	16QAM	1	14	21.79	21.76	21.61		
3	16QAM	8	0	20.31	20.45	20.32		
3	16QAM	8	4	20.27	20.36	20.25	22	2
3	16QAM	8	7	20.38	20.32	20.23		
3	16QAM	15	0	20.30	20.39	20.27		
3	64QAM	1	0	20.53	20.48	20.49		
3	64QAM	1	8	20.47	20.51	20.42	22	2
3	64QAM	1	14	20.39	20.54	20.50		
3	64QAM	8	0	19.33	19.34	19.32		
3	64QAM	8	4	19.32	19.42	19.42	21	3
3	64QAM	8	7	19.28	19.38	19.31		
3	64QAM	15	0	19.30	19.31	19.40		
3	256QAM	1	0	17.39	17.47	17.38		
3	256QAM	1	8	17.36	17.41	17.42	19	5
3	256QAM	1	14	17.44	17.39	17.41		
3	256QAM	8	0	17.44	17.41	17.37		
3	256QAM	8	4	17.45	17.38	17.43	19	5
3	256QAM	8	7	17.41	17.37	17.45		
3	256QAM	15	0	17.39	17.41	17.44		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.44	22.40	22.41	24	0
1.4	QPSK	1	3	22.43	22.44	22.39		
1.4	QPSK	1	5	22.39	22.42	22.33		
1.4	QPSK	3	0	22.35	22.44	22.40		
1.4	QPSK	3	1	22.32	22.40	22.41		
1.4	QPSK	3	3	22.34	22.39	22.40		
1.4	QPSK	6	0	21.33	21.40	21.33	23	1
1.4	16QAM	1	0	21.37	21.30	21.29		
1.4	16QAM	1	3	21.32	21.31	21.31		
1.4	16QAM	1	5	21.34	21.36	21.25	23	1
1.4	16QAM	3	0	21.64	21.71	21.76		
1.4	16QAM	3	1	21.73	21.84	21.69		
1.4	16QAM	3	3	21.76	21.81	21.63		
1.4	16QAM	6	0	20.31	20.43	20.26	22	2
1.4	64QAM	1	0	20.31	20.27	20.35		
1.4	64QAM	1	3	20.29	20.27	20.30		
1.4	64QAM	1	5	20.34	20.34	20.32	22	2
1.4	64QAM	3	0	20.44	20.51	20.46		
1.4	64QAM	3	1	20.51	20.45	20.48		
1.4	64QAM	3	3	20.32	20.58	20.50		
1.4	64QAM	6	0	19.35	19.37	19.36	21	3
1.4	256QAM	1	0	17.40	17.51	17.35		
1.4	256QAM	1	3	17.45	17.48	17.50		
1.4	256QAM	1	5	17.41	17.38	17.38	19	5
1.4	256QAM	3	0	17.40	17.45	17.35		
1.4	256QAM	3	1	17.44	17.46	17.40		
1.4	256QAM	3	3	17.40	17.38	17.38		
1.4	256QAM	6	0	17.43	17.45	17.37	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	19.15	19.20	19.13	20.2	0
20	QPSK	1	49	19.12	19.11	19.11		
20	QPSK	1	99	19.08	19.18	19.06		
20	QPSK	50	0	19.13	19.18	19.16		
20	QPSK	50	24	19.11	19.12	19.14	20.2	0
20	QPSK	50	50	19.11	19.16	19.05		
20	QPSK	100	0	19.16	19.17	19.15		
20	16QAM	1	0	19.15	19.13	19.06		
20	16QAM	1	49	19.11	19.14	19.17	20.2	0
20	16QAM	1	99	19.10	19.18	19.11		
20	16QAM	50	0	19.16	19.14	19.16		
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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.47	17.56	17.48	18.9	0
20	QPSK	1	49	17.49	17.50	17.53		
20	QPSK	1	99	17.43	17.51	17.47		
20	QPSK	50	0	17.48	17.55	17.42	18.9	0
20	QPSK	50	24	17.49	17.52	17.54		
20	QPSK	50	50	17.45	17.48	17.53		
20	QPSK	100	0	17.42	17.53	17.44		
20	16QAM	1	0	17.48	17.45	17.52	18.9	0
20	16QAM	1	49	17.44	17.51	17.48		
20	16QAM	1	99	17.52	17.54	17.44		
20	16QAM	50	0	17.53	17.47	17.47	18.9	0
20	16QAM	50	24	17.43	17.47	17.46		
20	16QAM	50	50	17.53	17.46	17.53		
20	16QAM	100	0	17.47	17.46	17.46		
20	64QAM	1	0	17.43	17.46	17.51	18.9	0
20	64QAM	1	49	17.50	17.49	17.46		
20	64QAM	1	99	17.52	17.47	17.49		
20	64QAM	50	0	17.52	17.49	17.51	18.9	0
20	64QAM	50	24	17.47	17.51	17.51		
20	64QAM	50	50	17.49	17.45	17.46		
20	64QAM	100	0	17.50	17.52	17.44		
20	256QAM	1	0	17.49	17.47	17.47	18.9	0
20	256QAM	1	49	17.51	17.44	17.50		
20	256QAM	1	99	17.43	17.49	17.49		
20	256QAM	50	0	17.49	17.54	17.46	18.9	0
20	256QAM	50	24	17.46	17.53	17.45		
20	256QAM	50	50	17.45	17.50	17.42		
20	256QAM	100	0	17.47	17.54	17.51		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.43	17.52	17.54	18.9	0
15	QPSK	1	37	17.52	17.55	17.52		
15	QPSK	1	74	17.42	17.47	17.47		
15	QPSK	36	0	17.44	17.50	17.54	18.9	0
15	QPSK	36	20	17.51	17.51	17.51		
15	QPSK	36	39	17.47	17.53	17.50		
15	QPSK	75	0	17.49	17.53	17.47		
15	16QAM	1	0	17.53	17.51	17.44	18.9	0
15	16QAM	1	37	17.45	17.46	17.47		
15	16QAM	1	74	17.51	17.46	17.44		
15	16QAM	36	0	17.44	17.47	17.51	18.9	0
15	16QAM	36	20	17.52	17.52	17.47		
15	16QAM	36	39	17.46	17.53	17.47		
15	16QAM	75	0	17.45	17.46	17.54		
15	64QAM	1	0	17.49	17.45	17.48	18.9	0
15	64QAM	1	37	17.47	17.55	17.54		
15	64QAM	1	74	17.48	17.45	17.50		
15	64QAM	36	0	17.43	17.44	17.44	18.9	0
15	64QAM	36	20	17.51	17.49	17.42		
15	64QAM	36	39	17.49	17.50	17.44		
15	64QAM	75	0	17.50	17.50	17.45		
15	256QAM	1	0	17.44	17.49	17.51	18.9	0
15	256QAM	1	37	17.54	17.50	17.47		
15	256QAM	1	74	17.46	17.52	17.48		
15	256QAM	36	0	17.43	17.54	17.43	18.9	0
15	256QAM	36	20	17.47	17.45	17.50		
15	256QAM	36	39	17.42	17.49	17.47		
15	256QAM	75	0	17.49	17.50	17.49		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.42	17.49	17.51	18.9	0
10	QPSK	1	25	17.50	17.45	17.44		
10	QPSK	1	49	17.43	17.46	17.46		
10	QPSK	25	0	17.50	17.54	17.53	18.9	0
10	QPSK	25	12	17.47	17.55	17.48		
10	QPSK	25	25	17.46	17.49	17.46		
10	QPSK	50	0	17.45	17.53	17.52		
10	16QAM	1	0	17.46	17.49	17.53	18.9	0
10	16QAM	1	25	17.48	17.54	17.50		
10	16QAM	1	49	17.43	17.54	17.43		
10	16QAM	25	0	17.52	17.45	17.52	18.9	0
10	16QAM	25	12	17.43	17.46	17.51		
10	16QAM	25	25	17.53	17.46	17.50		
10	16QAM	50	0	17.53	17.45	17.50		
10	64QAM	1	0	17.51	17.54	17.42	18.9	0
10	64QAM	1	25	17.44	17.50	17.52		
10	64QAM	1	49	17.43	17.49	17.48		
10	64QAM	25	0	17.44	17.46	17.50	18.9	0
10	64QAM	25	12	17.46	17.46	17.51		
10	64QAM	25	25	17.48	17.51	17.51		
10	64QAM	50	0	17.51	17.50	17.42		
10	256QAM	1	0	17.51	17.47	17.51	18.9	0
10	256QAM	1	25	17.54	17.54	17.47		
10	256QAM	1	49	17.49	17.51	17.49		
10	256QAM	25	0	17.47	17.52	17.43	18.9	0
10	256QAM	25	12	17.53	17.54	17.46		
10	256QAM	25	25	17.45	17.48	17.49		
10	256QAM	50	0	17.43	17.49	17.43		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.48	17.50	17.44	18.9	0
5	QPSK	1	12	17.51	17.53	17.50		
5	QPSK	1	24	17.51	17.44	17.48		
5	QPSK	12	0	17.50	17.46	17.52	18.9	0
5	QPSK	12	7	17.46	17.51	17.50		
5	QPSK	12	13	17.44	17.44	17.53		
5	QPSK	25	0	17.47	17.44	17.53		
5	16QAM	1	0	17.51	17.50	17.53	18.9	0
5	16QAM	1	12	17.44	17.54	17.46		
5	16QAM	1	24	17.46	17.50	17.51		
5	16QAM	12	0	17.51	17.44	17.54	18.9	0
5	16QAM	12	7	17.53	17.47	17.52		
5	16QAM	12	13	17.51	17.48	17.46		
5	16QAM	25	0	17.49	17.49	17.45		
5	64QAM	1	0	17.48	17.55	17.43	18.9	0
5	64QAM	1	12	17.44	17.47	17.50		
5	64QAM	1	24	17.42	17.49	17.47		
5	64QAM	12	0	17.53	17.52	17.54	18.9	0
5	64QAM	12	7	17.47	17.55	17.46		
5	64QAM	12	13	17.53	17.46	17.45		
5	64QAM	25	0	17.44	17.52	17.46		
5	256QAM	1	0	17.49	17.45	17.43	18.9	0
5	256QAM	1	12	17.46	17.53	17.48		
5	256QAM	1	24	17.42	17.49	17.50		
5	256QAM	12	0	17.48	17.52	17.43	18.9	0
5	256QAM	12	7	17.47	17.52	17.44		
5	256QAM	12	13	17.47	17.45	17.49		
5	256QAM	25	0	17.50	17.47	17.50		

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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	17.43	17.51	17.58	17.50	17.55	18.9	0
20	QPSK	1	49	17.51	17.44	17.48	17.48	17.46		
20	QPSK	1	99	17.53	17.47	17.54	17.53	17.49		
20	QPSK	50	0	17.46	17.45	17.55	17.49	17.45	18.9	0
20	QPSK	50	24	17.44	17.49	17.54	17.47	17.47		
20	QPSK	50	50	17.49	17.45	17.52	17.43	17.53		
20	QPSK	100	0	17.47	17.53	17.54	17.47	17.43		
20	16QAM	1	0	17.46	17.53	17.47	17.45	17.47	18.9	0
20	16QAM	1	49	17.47	17.54	17.49	17.42	17.42		
20	16QAM	1	99	17.49	17.49	17.55	17.42	17.54		
20	16QAM	50	0	17.49	17.54	17.52	17.44	17.45	18.9	0
20	16QAM	50	24	17.46	17.45	17.49	17.45	17.53		
20	16QAM	50	50	17.42	17.48	17.51	17.50	17.54		
20	16QAM	100	0	17.46	17.46	17.48	17.44	17.46		
20	64QAM	1	0	17.49	17.49	17.53	17.43	17.43	18.9	0
20	64QAM	1	49	17.43	17.48	17.54	17.42	17.45		
20	64QAM	1	99	17.43	17.47	17.48	17.47	17.45		
20	64QAM	50	0	17.50	17.47	17.55	17.45	17.53	18.9	0
20	64QAM	50	24	17.45	17.46	17.52	17.50	17.49		
20	64QAM	50	50	17.47	17.44	17.45	17.43	17.43		
20	64QAM	100	0	17.44	17.43	17.48	17.46	17.49		
20	256QAM	1	0	17.46	17.51	17.44	17.50	17.51	18.9	0
20	256QAM	1	49	17.50	17.44	17.48	17.51	17.43		
20	256QAM	1	99	17.45	17.45	17.45	17.48	17.51		
20	256QAM	50	0	17.52	17.44	17.52	17.42	17.48	18.9	0
20	256QAM	50	24	17.48	17.53	17.54	17.49	17.45		
20	256QAM	50	50	17.44	17.42	17.45	17.50	17.46		
20	256QAM	100	0	17.48	17.48	17.52	17.53	17.52		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.51	17.44	17.55	17.49	17.51	19	0
15	QPSK	1	37	17.53	17.47	17.53	17.49	17.47		
15	QPSK	1	74	17.52	17.53	17.45	17.45	17.46		
15	QPSK	36	0	17.54	17.45	17.44	17.48	17.52	18.9	0
15	QPSK	36	20	17.44	17.52	17.55	17.51	17.45		
15	QPSK	36	39	17.43	17.46	17.55	17.49	17.43		
15	QPSK	75	0	17.52	17.49	17.44	17.53	17.43		
15	16QAM	1	0	17.43	17.46	17.50	17.53	17.50	18.9	0
15	16QAM	1	37	17.44	17.49	17.45	17.50	17.53		
15	16QAM	1	74	17.45	17.50	17.49	17.47	17.52		
15	16QAM	36	0	17.49	17.47	17.54	17.46	17.54	18.9	0
15	16QAM	36	20	17.52	17.45	17.46	17.47	17.42		
15	16QAM	36	39	17.54	17.50	17.53	17.51	17.51		
15	16QAM	75	0	17.44	17.43	17.52	17.48	17.49		
15	64QAM	1	0	17.46	17.45	17.56	17.50	17.45	18.9	0
15	64QAM	1	37	17.45	17.46	17.49	17.50	17.52		
15	64QAM	1	74	17.48	17.46	17.49	17.45	17.43		
15	64QAM	36	0	17.50	17.47	17.46	17.53	17.48	18.9	0
15	64QAM	36	20	17.42	17.51	17.53	17.48	17.43		
15	64QAM	36	39	17.44	17.49	17.52	17.48	17.48		
15	64QAM	75	0	17.50	17.48	17.47	17.48	17.47		
15	256QAM	1	0	17.49	17.51	17.50	17.43	17.45	18.9	0
15	256QAM	1	37	17.44	17.53	17.56	17.42	17.47		
15	256QAM	1	74	17.45	17.43	17.54	17.53	17.47		
15	256QAM	36	0	17.43	17.50	17.49	17.45	17.49	18.9	0
15	256QAM	36	20	17.51	17.50	17.55	17.50	17.45		
15	256QAM	36	39	17.53	17.51	17.51	17.54	17.43		
15	256QAM	75	0	17.53	17.46	17.53	17.49	17.52		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.54	17.54	17.56	17.48	17.53	19	0
10	QPSK	1	25	17.43	17.44	17.51	17.47	17.54		
10	QPSK	1	49	17.49	17.46	17.50	17.50	17.43		
10	QPSK	25	0	17.42	17.43	17.46	17.46	17.51	18.9	0
10	QPSK	25	12	17.53	17.46	17.55	17.44	17.52		
10	QPSK	25	25	17.53	17.47	17.53	17.43	17.50		
10	QPSK	50	0	17.44	17.52	17.51	17.44	17.47		
10	16QAM	1	0	17.48	17.44	17.47	17.43	17.51	18.9	0
10	16QAM	1	25	17.48	17.50	17.53	17.46	17.43		
10	16QAM	1	49	17.53	17.51	17.48	17.54	17.53		
10	16QAM	25	0	17.44	17.48	17.50	17.52	17.45	18.9	0
10	16QAM	25	12	17.48	17.44	17.52	17.49	17.44		
10	16QAM	25	25	17.54	17.50	17.46	17.46	17.44		
10	16QAM	50	0	17.50	17.43	17.45	17.53	17.51		
10	64QAM	1	0	17.48	17.46	17.45	17.47	17.42	18.9	0
10	64QAM	1	25	17.44	17.44	17.54	17.50	17.44		
10	64QAM	1	49	17.44	17.47	17.50	17.47	17.47		
10	64QAM	25	0	17.51	17.49	17.48	17.47	17.44	18.9	0
10	64QAM	25	12	17.46	17.44	17.49	17.49	17.44		
10	64QAM	25	25	17.54	17.46	17.47	17.48	17.46		
10	64QAM	50	0	17.50	17.53	17.49	17.53	17.50		
10	256QAM	1	0	17.52	17.49	17.48	17.53	17.43	18.9	0
10	256QAM	1	25	17.44	17.53	17.51	17.44	17.47		
10	256QAM	1	49	17.43	17.51	17.50	17.50	17.51		
10	256QAM	25	0	17.53	17.51	17.44	17.48	17.44	18.9	0
10	256QAM	25	12	17.51	17.50	17.45	17.47	17.51		
10	256QAM	25	25	17.49	17.52	17.55	17.45	17.48		
10	256QAM	50	0	17.45	17.44	17.54	17.43	17.46		
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	17.44	17.46	17.48	17.44	17.53	19	0
5	QPSK	1	12	17.48	17.43	17.45	17.49	17.52		
5	QPSK	1	24	17.47	17.45	17.55	17.45	17.44		
5	QPSK	12	0	17.44	17.46	17.52	17.46	17.47	18.9	0
5	QPSK	12	7	17.53	17.43	17.54	17.48	17.51		
5	QPSK	12	13	17.47	17.42	17.52	17.48	17.47		
5	QPSK	25	0	17.43	17.53	17.49	17.52	17.48		
5	16QAM	1	0	17.51	17.48	17.47	17.45	17.45	18.9	0
5	16QAM	1	12	17.45	17.49	17.54	17.43	17.52		
5	16QAM	1	24	17.45	17.51	17.49	17.46	17.43		
5	16QAM	12	0	17.48	17.51	17.45	17.42	17.49	18.9	0
5	16QAM	12	7	17.53	17.48	17.52	17.45	17.45		
5	16QAM	12	13	17.52	17.53	17.55	17.48	17.45		
5	16QAM	25	0	17.53	17.46	17.47	17.51	17.49		
5	64QAM	1	0	17.43	17.53	17.54	17.43	17.51	18.9	0
5	64QAM	1	12	17.45	17.54	17.51	17.53	17.51		
5	64QAM	1	24	17.47	17.53	17.47	17.43	17.51		
5	64QAM	12	0	17.48	17.52	17.54	17.43	17.53	18.9	0
5	64QAM	12	7	17.43	17.49	17.51	17.45	17.48		
5	64QAM	12	13	17.49	17.44	17.46	17.42	17.50		
5	64QAM	25	0	17.43	17.51	17.53	17.47	17.52		
5	256QAM	1	0	17.51	17.46	17.52	17.43	17.42	18.9	0
5	256QAM	1	12	17.46	17.43	17.55	17.48	17.47		
5	256QAM	1	24	17.46	17.51	17.44	17.42	17.53		
5	256QAM	12	0	17.49	17.51	17.48	17.45	17.54	18.9	0
5	256QAM	12	7	17.53	17.52	17.52	17.49	17.52		
5	256QAM	12	13	17.50	17.47	17.56	17.50	17.50		
5	256QAM	25	0	17.53	17.49	17.49	17.42	17.52		

Band 42 FCC Part27Q Ant7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.44	19.46	19.42	20.4	0
20	QPSK	1	49	19.25	19.44	19.28		
20	QPSK	1	99	19.37	19.34	19.26		
20	QPSK	50	0	19.37	19.43	19.38	20.4	0
20	QPSK	50	24	19.29	19.36	19.24		
20	QPSK	50	50	19.24	19.32	19.15		
20	QPSK	100	0	19.36	19.39	19.37		
20	16QAM	1	0	19.31	19.28	19.20	20.4	0
20	16QAM	1	49	19.23	19.38	19.17		
20	16QAM	1	99	19.25	19.30	19.28		
20	16QAM	50	0	19.39	19.30	19.20	20.4	0
20	16QAM	50	24	19.26	19.35	19.23		
20	16QAM	50	50	19.38	19.27	19.22		
20	16QAM	100	0	19.31	19.36	19.25		
20	64QAM	1	0	19.35	19.41	19.28	20.4	0
20	64QAM	1	49	19.24	19.36	19.36		
20	64QAM	1	99	19.29	19.32	19.22		
20	64QAM	50	0	19.33	19.33	19.32	20.4	0
20	64QAM	50	24	19.32	19.35	19.18		
20	64QAM	50	50	19.27	19.29	19.32		
20	64QAM	100	0	19.24	19.40	19.34		
20	256QAM	1	0	17.60	17.69	17.56	19	1.4
20	256QAM	1	49	17.65	17.69	17.55		
20	256QAM	1	99	17.67	17.66	17.60		
20	256QAM	50	0	17.65	17.64	17.60	19	1.4
20	256QAM	50	24	17.65	17.64	17.63		
20	256QAM	50	50	17.67	17.74	17.58		
20	256QAM	100	0	17.60	17.69	17.60		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3590	3542.5		
15	QPSK	1	0	19.11	19.15	19.06	20.4	0
15	QPSK	1	37	19.14	19.10	19.02		
15	QPSK	1	74	19.13	19.12	19.06		
15	QPSK	36	0	19.06	19.09	19.03	20.4	0
15	QPSK	36	20	19.05	19.18	19.00		
15	QPSK	36	39	19.15	19.14	19.00		
15	QPSK	75	0	19.14	19.16	19.08		
15	16QAM	1	0	19.14	19.13	19.04	20.4	0
15	16QAM	1	37	19.04	19.15	19.09		
15	16QAM	1	74	19.15	19.12	19.08		
15	16QAM	36	0	19.14	19.18	19.05	20.4	0
15	16QAM	36	20	19.08	19.14	19.06		
15	16QAM	36	39	19.10	19.13	19.02		
15	16QAM	75	0	19.06	19.13	19.00		
15	64QAM	1	0	19.14	19.17	19.06	20.4	0
15	64QAM	1	37	19.05	19.11	19.05		
15	64QAM	1	74	19.07	19.09	19.04		
15	64QAM	36	0	19.14	19.16	19.10	20.4	0
15	64QAM	36	20	19.06	19.13	19.11		
15	64QAM	36	39	19.15	19.13	19.10		
15	64QAM	75	0	19.15	19.14	19.03		
15	256QAM	1	0	17.62	17.67	17.55	19	1.4
15	256QAM	1	37	17.57	17.66	17.54		
15	256QAM	1	74	17.55	17.63	17.60		
15	256QAM	36	0	17.61	17.58	17.50	19	1.4
15	256QAM	36	20	17.63	17.62	17.53		
15	256QAM	36	39	17.57	17.67	17.58		
15	256QAM	75	0	17.54	17.59	17.59		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.15	19.20	19.11	20.4	0
10	QPSK	1	25	19.12	19.14	19.00		
10	QPSK	1	49	19.13	19.15	19.02		
10	QPSK	25	0	19.13	19.13	19.00	20.4	0
10	QPSK	25	12	19.14	19.18	19.01		
10	QPSK	25	25	19.10	19.16	19.10		
10	QPSK	50	0	19.04	19.19	19.09		
10	16QAM	1	0	19.10	19.16	19.09	20.4	0
10	16QAM	1	25	19.06	19.17	19.03		
10	16QAM	1	49	19.14	19.12	19.05		
10	16QAM	25	0	19.09	19.14	19.00	20.4	0
10	16QAM	25	12	19.07	19.09	19.04		
10	16QAM	25	25	19.09	19.16	19.08		
10	16QAM	50	0	19.11	19.11	19.07		
10	64QAM	1	0	19.05	19.20	19.06	20.4	0
10	64QAM	1	25	19.08	19.16	19.09		
10	64QAM	1	49	19.15	19.20	19.02		
10	64QAM	25	0	19.10	19.15	19.00	20.4	0
10	64QAM	25	12	19.12	19.11	19.02		
10	64QAM	25	25	19.13	19.19	19.11		
10	64QAM	50	0	19.08	19.18	19.03		
10	256QAM	1	0	17.59	17.68	17.51	19	1.4
10	256QAM	1	25	17.61	17.70	17.55		
10	256QAM	1	49	17.60	17.67	17.52		
10	256QAM	25	0	17.66	17.59	17.58	19	1.4
10	256QAM	25	12	17.62	17.63	17.52		
10	256QAM	25	25	17.56	17.65	17.60		
10	256QAM	50	0	17.59	17.68	17.58		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.12	19.15	19.05	20.4	0
5	QPSK	1	12	19.11	19.17	19.11		
5	QPSK	1	24	19.14	19.12	19.07		
5	QPSK	12	0	19.10	19.15	19.10	20.4	0
5	QPSK	12	7	19.16	19.16	19.08		
5	QPSK	12	13	19.11	19.11	19.10		
5	QPSK	25	0	19.06	19.14	19.06		
5	16QAM	1	0	19.09	19.08	19.02	20.4	0
5	16QAM	1	12	19.07	19.16	19.03		
5	16QAM	1	24	19.11	19.19	19.01		
5	16QAM	12	0	19.08	19.09	19.08	20.4	0
5	16QAM	12	7	19.06	19.11	19.04		
5	16QAM	12	13	19.11	19.11	19.09		
5	16QAM	25	0	19.12	19.19	19.07		
5	64QAM	1	0	19.10	19.20	19.06	20.4	0
5	64QAM	1	12	19.12	19.09	19.00		
5	64QAM	1	24	19.12	19.18	19.07		
5	64QAM	12	0	19.04	19.11	19.10	20.4	0
5	64QAM	12	7	19.08	19.13	19.10		
5	64QAM	12	13	19.08	19.10	19.06		
5	64QAM	25	0	19.13	19.18	19.08		
5	256QAM	1	0	17.56	17.67	17.56	19	1.4
5	256QAM	1	12	17.60	17.68	17.55		
5	256QAM	1	24	17.60	17.63	17.50		
5	256QAM	12	0	17.60	17.63	17.58	19	1.4
5	256QAM	12	7	17.61	17.62	17.61		
5	256QAM	12	13	17.59	17.66	17.54		
5	256QAM	25	0	17.59	17.70	17.61		

Band 42 FCC Part27Q Ant8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.27	22.38	22.26		
20	QPSK	1	49	22.30	22.32	22.22	24	0
20	QPSK	1	99	22.26	22.26	22.31		
20	QPSK	50	0	21.27	21.32	21.21		
20	QPSK	50	24	21.16	21.20	21.17	23	1
20	QPSK	50	50	21.24	21.21	21.24		
20	QPSK	100	0	21.21	21.28	21.25		
20	16QAM	1	0	21.54	21.56	21.57		
20	16QAM	1	49	21.56	21.65	21.62	23	1
20	16QAM	1	99	21.69	21.67	21.46		
20	16QAM	50	0	20.17	20.25	20.15		
20	16QAM	50	24	20.15	20.28	20.19	22	2
20	16QAM	50	50	20.20	20.17	20.22		
20	16QAM	100	0	20.28	20.25	20.22		
20	64QAM	1	0	20.39	20.45	20.33		
20	64QAM	1	49	20.42	20.43	20.30	22	2
20	64QAM	1	99	20.24	20.51	20.47		
20	64QAM	50	0	19.30	19.18	19.20		
20	64QAM	50	24	19.15	19.31	19.28	21	3
20	64QAM	50	50	19.16	19.32	19.25		
20	64QAM	100	0	19.18	19.20	19.25		
20	256QAM	1	0	17.26	17.31	17.35		
20	256QAM	1	49	17.34	17.33	17.37	19	5
20	256QAM	1	99	17.28	17.35	17.32		
20	256QAM	50	0	17.27	17.37	17.26		
20	256QAM	50	24	17.34	17.32	17.32	19	5
20	256QAM	50	50	17.32	17.31	17.31		
20	256QAM	100	0	17.35	17.32	17.35		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.35	22.32	22.33		
15	QPSK	1	37	22.24	22.29	22.28	24	0
15	QPSK	1	74	22.21	22.26	22.25		
15	QPSK	36	0	21.27	21.26	21.27		
15	QPSK	36	20	21.23	21.29	21.19	23	1
15	QPSK	36	39	21.24	21.23	21.18		
15	QPSK	75	0	21.20	21.26	21.19		
15	16QAM	1	0	21.46	21.55	21.67		
15	16QAM	1	37	21.60	21.66	21.54	23	1
15	16QAM	1	74	21.61	21.70	21.47		
15	16QAM	36	0	20.15	20.24	20.21		
15	16QAM	36	20	20.24	20.19	20.24	22	2
15	16QAM	36	39	20.27	20.23	20.20		
15	16QAM	75	0	20.28	20.30	20.21		
15	64QAM	1	0	20.39	20.40	20.30		
15	64QAM	1	37	20.39	20.34	20.35	22	2
15	64QAM	1	74	20.25	20.52	20.45		
15	64QAM	36	0	19.32	19.25	19.22		
15	64QAM	36	20	19.20	19.24	19.29	21	3
15	64QAM	36	39	19.20	19.29	19.19		
15	64QAM	75	0	19.21	19.23	19.23		
15	256QAM	1	0	17.27	17.39	17.35		
15	256QAM	1	37	17.30	17.38	17.34	19	5
15	256QAM	1	74	17.28	17.27	17.28		
15	256QAM	36	0	17.27	17.36	17.31		
15	256QAM	36	20	17.32	17.39	17.34	19	5
15	256QAM	36	39	17.34	17.30	17.28		
15	256QAM	75	0	17.31	17.37	17.30		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.30	22.36	22.28		
10	QPSK	1	25	22.22	22.32	22.26	24	0
10	QPSK	1	49	22.22	22.29	22.31		
10	QPSK	25	0	21.17	21.28	21.20		
10	QPSK	25	12	21.22	21.22	21.18	23	1
10	QPSK	25	25	21.20	21.30	21.26		
10	QPSK	50	0	21.18	21.27	21.22		
10	16QAM	1	0	21.46	21.59	21.60		
10	16QAM	1	25	21.57	21.68	21.58	23	1
10	16QAM	1	49	21.66	21.67	21.49		
10	16QAM	25	0	20.13	20.24	20.18		
10	16QAM	25	12	20.23	20.17	20.19	22	2
10	16QAM	25	25	20.25	20.25	20.13		
10	16QAM	50	0	20.18	20.30	20.16		
10	64QAM	1	0	20.40	20.39	20.31		
10	64QAM	1	25	20.32	20.37	20.31	22	2
10	64QAM	1	49	20.27	20.51	20.45		
10	64QAM	25	0	19.26	19.17	19.24		
10	64QAM	25	12	19.18	19.29	19.23	21	3
10	64QAM	25	25	19.25	19.23	19.19		
10	64QAM	50	0	19.14	19.14	19.23		
10	256QAM	1	0	17.25	17.34	17.31		
10	256QAM	1	25	17.35	17.34	17.30	19	5
10	256QAM	1	49	17.32	17.30	17.29		
10	256QAM	25	0	17.31	17.38	17.28		
10	256QAM	25	12	17.29	17.32	17.33	19	5
10	256QAM	25	25	17.36	17.37	17.28		
10	256QAM	50	0	17.35	17.31	17.31		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.32	22.35	22.30		
5	QPSK	1	12	22.22	22.32	22.23	24	0
5	QPSK	1	24	22.21	22.28	22.33		
5	QPSK	12	0	21.21	21.25	21.20		
5	QPSK	12	7	21.21	21.24	21.12	23	1
5	QPSK	12	13	21.23	21.22	21.21		
5	QPSK	25	0	21.19	21.21	21.21		
5	16QAM	1	0	21.51	21.60	21.58		
5	16QAM	1	12	21.60	21.65	21.56	23	1
5	16QAM	1	24	21.62	21.71	21.56		
5	16QAM	12	0	20.14	20.23	20.22		
5	16QAM	12	7	20.24	20.24	20.15	22	2
5	16QAM	12	13	20.26	20.20	20.19		
5	16QAM	25	0	20.27	20.25	20.16		
5	64QAM	1	0	20.41	20.39	20.38		
5	64QAM	1	12	20.33	20.41	20.38	22	2
5	64QAM	1	24	20.31	20.49	20.46		
5	64QAM	12	0	19.35	19.23	19.19		
5	64QAM	12	7	19.25	19.29	19.26	21	3
5	64QAM	12	13	19.14	19.33	19.20		
5	64QAM	25	0	19.24	19.25	19.33		
5	256QAM	1	0	17.29	17.37	17.36		
5	256QAM	1	12	17.28	17.36	17.41	19	5
5	256QAM	1	24	17.33	17.29	17.26		
5	256QAM	12	0	17.32	17.31	17.32		
5	256QAM	12	7	17.31	17.39	17.29	19	5
5	256QAM	12	13	17.35	17.38	17.36		
5	256QAM	25	0	17.25	17.31	17.25		

Band 42 FCC Part27Q Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	14.96	15.02	14.98	16.4	0
20	QPSK	1	49	14.95	15.00	14.93		
20	QPSK	1	99	14.91	15.01	14.94		
20	QPSK	50	0	14.97	14.98	14.94	16.4	0
20	QPSK	50	24	14.95	14.93	14.97		
20	QPSK	50	50	14.91	14.91	14.92		
20	QPSK	100	0	14.89	14.96	14.93		
20	16QAM	1	0	14.93	14.95	14.89	16.4	0
20	16QAM	1	49	14.91	15.01	14.93		
20	16QAM	1	99	14.93	14.99	14.95		
20	16QAM	50	0	14.93	14.97	14.87	16.4	0
20	16QAM	50	24	14.94	15.00	14.87		
20	16QAM	50	50	14.93	14.97	14.92		
20	16QAM	100	0	14.98	14.98	14.89		
20	64QAM	1	0	14.92	14.96	14.92	16.4	0
20	64QAM	1	49	14.97	15.01	14.92		
20	64QAM	1	99	14.90	15.00	14.97		
20	64QAM	50	0	14.39	14.23	14.27	16	0.4
20	64QAM	50	24	14.31	14.37	14.35		
20	64QAM	50	50	14.27	14.27	14.31		
20	64QAM	100	0	14.14	14.22	14.38		
20	256QAM	1	0	12.44	12.33	12.34	14	2.4
20	256QAM	1	49	12.43	12.36	12.37		
20	256QAM	1	99	12.37	12.37	12.34		
20	256QAM	50	0	12.47	12.43	12.33	14	2.4
20	256QAM	50	24	12.39	12.41	12.28		
20	256QAM	50	50	12.42	12.46	12.28		
20	256QAM	100	0	12.28	12.43	12.39		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	14.88	14.94	14.89	16.4	0
15	QPSK	1	37	14.86	14.84	14.81		
15	QPSK	1	74	14.85	14.90	14.82		
15	QPSK	36	0	14.85	14.89	14.88	16.4	0
15	QPSK	36	20	14.87	14.92	14.81		
15	QPSK	36	39	14.84	14.91	14.87		
15	QPSK	75	0	14.87	14.90	14.82		
15	16QAM	1	0	14.92	14.94	14.87	16.4	0
15	16QAM	1	37	14.82	14.94	14.89		
15	16QAM	1	74	14.91	14.86	14.92		
15	16QAM	36	0	14.90	14.87	14.85	16.4	0
15	16QAM	36	20	14.88	14.92	14.89		
15	16QAM	36	39	14.90	14.92	14.93		
15	16QAM	75	0	14.90	14.88	14.89		
15	64QAM	1	0	14.88	14.95	14.93	16.4	0
15	64QAM	1	37	14.82	14.92	14.87		
15	64QAM	1	74	14.88	14.85	14.85		
15	64QAM	36	0	14.34	14.25	14.27	16	0.4
15	64QAM	36	20	14.29	14.29	14.24		
15	64QAM	36	39	14.17	14.29	14.21		
15	64QAM	75	0	14.19	14.22	14.34		
15	256QAM	1	0	12.32	12.32	12.28	14	2.4
15	256QAM	1	37	12.39	12.40	12.36		
15	256QAM	1	74	12.32	12.24	12.32		
15	256QAM	36	0	12.37	12.41	12.38	14	2.4
15	256QAM	36	20	12.30	12.28	12.22		
15	256QAM	36	39	12.35	12.36	12.23		
15	256QAM	75	0	12.32	12.29	12.26		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	14.82	14.85	14.86	16.4	0
10	QPSK	1	25	14.83	14.94	14.86		
10	QPSK	1	49	14.83	14.94	14.86		
10	QPSK	25	0	14.93	14.93	14.87	16.4	0
10	QPSK	25	12	14.90	14.92	14.92		
10	QPSK	25	25	14.92	14.85	14.82		
10	QPSK	50	0	14.86	14.86	14.90		
10	16QAM	1	0	14.85	14.95	14.81	16.4	0
10	16QAM	1	25	14.84	14.89	14.84		
10	16QAM	1	49	14.85	14.83	14.86		
10	16QAM	25	0	14.85	14.88	14.82	16.4	0
10	16QAM	25	12	14.83	14.92	14.85		
10	16QAM	25	25	14.88	14.93	14.89		
10	16QAM	50	0	14.89	14.86	14.82		
10	64QAM	1	0	14.83	14.86	14.88	16.4	0
10	64QAM	1	25	14.91	14.92	14.82		
10	64QAM	1	49	14.89	14.84	14.90		
10	64QAM	25	0	14.35	14.25	14.30	16	0.4
10	64QAM	25	12	14.26	14.34	14.20		
10	64QAM	25	25	14.22	14.23	14.21		
10	64QAM	50	0	14.12	14.23	14.38		
10	256QAM	1	0	12.29	12.35	12.32	14	2.4
10	256QAM	1	25	12.29	12.34	12.38		
10	256QAM	1	49	12.32	12.33	12.28		
10	256QAM	25	0	12.42	12.34	12.35	14	2.4
10	256QAM	25	12	12.22	12.28	12.24		
10	256QAM	25	25	12.37	12.31	12.19		
10	256QAM	50	0	12.23	12.39	12.26		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	14.89	14.93	14.86	16.4	0
5	QPSK	1	12	14.93	14.89	14.89		
5	QPSK	1	24	14.81	14.94	14.86		
5	QPSK	12	0	14.88	14.89	14.82	16.4	0
5	QPSK	12	7	14.90	14.84	14.82		
5	QPSK	12	13	14.88	14.84	14.85		
5	QPSK	25	0	14.87	14.86	14.86		
5	16QAM	1	0	14.84	14.93	14.90	16.4	0
5	16QAM	1	12	14.91	14.89	14.86		
5	16QAM	1	24	14.83	14.93	14.89		
5	16QAM	12	0	14.90	14.91	14.89	16.4	0
5	16QAM	12	7	14.92	14.84	14.85		
5	16QAM	12	13	14.90	14.84	14.89		
5	16QAM	25	0	14.93	14.89	14.83		
5	64QAM	1	0	14.84	14.84	14.92	16.4	0
5	64QAM	1	12	14.84	14.93	14.83		
5	64QAM	1	24	14.82	14.85	14.87		
5	64QAM	12	0	14.30	14.26	14.22	16	0.4
5	64QAM	12	7	14.29	14.23	14.23		
5	64QAM	12	13	14.13	14.30	14.28		
5	64QAM	25	0	14.08	14.15	14.37		
5	256QAM	1	0	12.35	12.33	12.24	14	2.4
5	256QAM	1	12	12.34	12.33	12.33		
5	256QAM	1	24	12.37	12.33	12.30		
5	256QAM	12	0	12.33	12.36	12.31	14	2.4
5	256QAM	12	7	12.24	12.35	12.26		
5	256QAM	12	13	12.37	12.31	12.23		
5	256QAM	25	0	12.33	12.37	12.32		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.27	17.37	17.34		
20	QPSK	1	49	17.28	17.33	17.30	19	0
20	QPSK	1	99	17.28	17.36	17.30		
20	QPSK	50	0	16.28	16.35	16.26		
20	QPSK	50	24	16.23	16.27	16.21	18	1
20	QPSK	50	50	16.16	16.24	16.20		
20	QPSK	100	0	16.24	16.29	16.28		
20	16QAM	1	0	16.51	16.66	16.61		
20	16QAM	1	49	16.54	16.72	16.62	18	1
20	16QAM	1	99	16.65	16.65	16.51		
20	16QAM	50	0	15.18	15.28	15.24		
20	16QAM	50	24	15.25	15.19	15.21	17	2
20	16QAM	50	50	15.25	15.28	15.16		
20	16QAM	100	0	15.27	15.29	15.14		
20	64QAM	1	0	15.33	15.39	15.33		
20	64QAM	1	49	15.37	15.33	15.39	17	2
20	64QAM	1	99	15.26	15.42	15.42		
20	64QAM	50	0	14.27	14.26	14.18		
20	64QAM	50	24	14.23	14.26	14.26	16	3
20	64QAM	50	50	14.22	14.31	14.21		
20	64QAM	100	0	14.21	14.26	14.27		
20	256QAM	1	0	12.26	12.42	12.26		
20	256QAM	1	49	12.26	12.40	12.32	14	5
20	256QAM	1	99	12.26	12.34	12.25		
20	256QAM	50	0	12.32	12.35	12.33		
20	256QAM	50	24	12.31	12.39	12.35	14	5
20	256QAM	50	50	12.32	12.38	12.28		
20	256QAM	100	0	12.28	12.30	12.25		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.29	17.30	17.32		
15	QPSK	1	37	17.29	17.31	17.27	19	0
15	QPSK	1	74	17.28	17.27	17.23		
15	QPSK	36	0	16.16	16.33	16.22		
15	QPSK	36	20	16.17	16.29	16.15	18	1
15	QPSK	36	39	16.23	16.24	16.18		
15	QPSK	75	0	16.18	16.21	16.20		
15	16QAM	1	0	16.50	16.64	16.58		
15	16QAM	1	37	16.58	16.64	16.58	18	1
15	16QAM	1	74	16.67	16.69	16.50		
15	16QAM	36	0	15.13	15.34	15.15		
15	16QAM	36	20	15.16	15.19	15.26	17	2
15	16QAM	36	39	15.28	15.18	15.13		
15	16QAM	75	0	15.19	15.31	15.15		
15	64QAM	1	0	15.42	15.41	15.38		
15	64QAM	1	37	15.40	15.39	15.36	17	2
15	64QAM	1	74	15.24	15.46	15.46		
15	64QAM	36	0	14.32	14.17	14.18		
15	64QAM	36	20	14.24	14.34	14.30	16	3
15	64QAM	36	39	14.14	14.28	14.23		
15	64QAM	75	0	14.17	14.22	14.34		
15	256QAM	1	0	12.32	12.42	12.35		
15	256QAM	1	37	12.29	12.40	12.39	14	5
15	256QAM	1	74	12.31	12.29	12.27		
15	256QAM	36	0	12.33	12.31	12.32		
15	256QAM	36	20	12.35	12.27	12.35	14	5
15	256QAM	36	39	12.25	12.37	12.24		
15	256QAM	75	0	12.29	12.31	12.29		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.28	17.33	17.26		
10	QPSK	1	25	17.22	17.34	17.23	19	0
10	QPSK	1	49	17.22	17.29	17.23		
10	QPSK	25	0	16.18	16.29	16.19		
10	QPSK	25	12	16.16	16.19	16.22	18	1
10	QPSK	25	25	16.19	16.27	16.18		
10	QPSK	50	0	16.17	16.21	16.16		
10	16QAM	1	0	16.53	16.58	16.57		
10	16QAM	1	25	16.57	16.68	16.60	18	1
10	16QAM	1	49	16.68	16.68	16.48		
10	16QAM	25	0	15.16	15.28	15.21		
10	16QAM	25	12	15.18	15.22	15.25	17	2
10	16QAM	25	25	15.24	15.20	15.23		
10	16QAM	50	0	15.19	15.20	15.19		
10	64QAM	1	0	15.35	15.38	15.35		
10	64QAM	1	25	15.33	15.36	15.35	17	2
10	64QAM	1	49	15.31	15.46	15.49		
10	64QAM	25	0	14.25	14.27	14.23		
10	64QAM	25	12	14.24	14.35	14.27	16	3
10	64QAM	25	25	14.16	14.28	14.21		
10	64QAM	50	0	14.22	14.20	14.29		
10	256QAM	1	0	12.28	12.35	12.32		
10	256QAM	1	25	12.30	12.31	12.36	14	5
10	256QAM	1	49	12.30	12.37	12.31		
10	256QAM	25	0	12.31	12.28	12.29		
10	256QAM	25	12	12.33	12.39	12.33	14	5
10	256QAM	25	25	12.25	12.37	12.33		
10	256QAM	50	0	12.32	12.35	12.35		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.33	17.35	17.27		
5	QPSK	1	12	17.24	17.35	17.27	19	0
5	QPSK	1	24	17.26	17.31	17.28		
5	QPSK	12	0	16.26	16.27	16.24		
5	QPSK	12	7	16.24	16.23	16.23	18	1
5	QPSK	12	13	16.20	16.22	16.27		
5	QPSK	25	0	16.22	16.25	16.23		
5	16QAM	1	0	16.51	16.64	16.60		
5	16QAM	1	12	16.54	16.71	16.63	18	1
5	16QAM	1	24	16.70	16.69	16.56		
5	16QAM	12	0	15.21	15.33	15.23		
5	16QAM	12	7	15.16	15.28	15.20	17	2
5	16QAM	12	13	15.19	15.22	15.16		
5	16QAM	25	0	15.22	15.28	15.20		
5	64QAM	1	0	15.40	15.36	15.38		
5	64QAM	1	12	15.34	15.33	15.33	17	2
5	64QAM	1	24	15.31	15.44	15.47		
5	64QAM	12	0	14.32	14.23	14.20		
5	64QAM	12	7	14.20	14.26	14.27	16	3
5	64QAM	12	13	14.15	14.27	14.18		
5	64QAM	25	0	14.20	14.19	14.31		
5	256QAM	1	0	12.31	12.43	12.29		
5	256QAM	1	12	12.28	12.36	12.34	14	5
5	256QAM	1	24	12.26	12.29	12.33		
5	256QAM	12	0	12.31	12.30	12.34		
5	256QAM	12	7	12.29	12.30	12.32	14	5
5	256QAM	12	13	12.27	12.28	12.29		
5	256QAM	25	0	12.36	12.38	12.35		

Reduced Power Mode for ECI4

GSM850 Ant0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.75	31.72	31.68	33.50	22.75	22.72	22.68	24.50
GPRS 1 Tx slot	31.74	31.71	31.67	33.50	22.74	22.71	22.67	24.50
GPRS 2 Tx slots	30.96	30.91	30.88	32.00	24.96	24.91	24.88	26.00
GPRS 3 Tx slots	29.11	29.14	29.12	31.00	24.85	24.88	24.86	26.74
GPRS 4 Tx slots	28.07	28.05	27.96	29.00	25.07	25.05	24.96	26.00
EDGE 1 Tx slot	26.02	25.98	25.92	27.00	17.02	16.98	16.92	18.00
EDGE 2 Tx slots	24.88	24.80	24.78	26.00	18.88	18.80	18.78	20.00
EDGE 3 Tx slots	22.64	22.57	22.58	23.50	18.38	18.31	18.32	19.24
EDGE 4 Tx slots	21.43	21.45	21.33	22.50	18.43	18.45	18.33	19.50

Band		WCDMA V Ant0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.74	22.74	22.63	24.00
3GPP Rel 99	RMC 12.2Kbps	22.78	22.81	22.76	24.00
3GPP Rel 6	HSDPA Subtest-1	21.79	21.82	21.72	23.00
3GPP Rel 6	HSDPA Subtest-2	21.82	21.84	21.73	23.00
3GPP Rel 6	HSDPA Subtest-3	21.29	21.37	21.14	22.50
3GPP Rel 6	HSDPA Subtest-4	21.39	21.39	21.15	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.79	21.87	21.70	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.85	21.75	21.68	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.28	21.34	21.27	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.31	21.34	21.26	22.50
3GPP Rel 6	HSUPA Subtest-1	21.80	21.74	21.69	23.00
3GPP Rel 6	HSUPA Subtest-2	19.83	19.73	19.64	21.00
3GPP Rel 6	HSUPA Subtest-3	20.88	20.80	20.76	22.00
3GPP Rel 6	HSUPA Subtest-4	19.90	19.79	19.76	21.00
3GPP Rel 6	HSUPA Subtest-5	21.79	21.81	21.81	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.45	19.48	19.46	20.50

Band 2 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.32	20.37	20.35	21.5	0
20	QPSK	1	49	20.19	20.36	20.25		
20	QPSK	1	99	20.30	20.30	20.34		
20	QPSK	50	0	19.32	19.39	19.35	20.5	1
20	QPSK	50	24	19.29	19.37	19.23		
20	QPSK	50	50	19.28	19.32	19.26		
20	QPSK	100	0	19.27	19.37	19.36		
20	16QAM	1	0	19.18	19.37	19.29	20.5	1
20	16QAM	1	49	19.23	19.39	19.22		
20	16QAM	1	99	19.30	19.34	19.25		
20	16QAM	50	0	18.26	18.43	18.33	19.5	2
20	16QAM	50	24	18.23	18.36	18.28		
20	16QAM	50	50	18.30	18.29	18.33		
20	16QAM	100	0	18.33	18.37	18.38		
20	64QAM	1	0	18.17	18.40	18.22	19.5	2
20	64QAM	1	49	18.15	18.39	18.29		
20	64QAM	1	99	18.36	18.29	18.22		
20	64QAM	50	0	17.19	17.36	17.33	18.5	3
20	64QAM	50	24	17.21	17.32	17.25		
20	64QAM	50	50	17.32	17.35	17.27		
20	64QAM	100	0	17.23	17.43	17.40		
20	256QAM	1	0	15.22	15.40	15.29	16.5	5
20	256QAM	1	49	15.27	15.31	15.29		
20	256QAM	1	99	15.29	15.29	15.31		
20	256QAM	50	0	15.36	15.40	15.41	16.5	5
20	256QAM	50	24	15.13	15.40	15.36		
20	256QAM	50	50	15.13	15.34	15.22		
20	256QAM	100	0	15.26	15.36	15.20		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.19	20.31	20.24	21.5	0
15	QPSK	1	37	20.06	20.32	20.19		
15	QPSK	1	74	20.28	20.21	20.26		
15	QPSK	36	0	19.24	19.33	19.24	20.5	1
15	QPSK	36	20	19.16	19.30	19.17		
15	QPSK	36	39	19.26	19.22	19.24		
15	QPSK	75	0	19.15	19.27	19.29		
15	16QAM	1	0	19.10	19.26	19.27	20.5	1
15	16QAM	1	37	19.18	19.37	19.11		
15	16QAM	1	74	19.24	19.25	19.14		
15	16QAM	36	0	18.13	18.39	18.20	19.5	2
15	16QAM	36	20	18.13	18.27	18.14		
15	16QAM	36	39	18.18	18.23	18.21		
15	16QAM	75	0	18.29	18.28	18.28		
15	64QAM	1	0	18.07	18.33	18.18	19.5	2
15	64QAM	1	37	18.05	18.30	18.23		
15	64QAM	1	74	18.23	18.20	18.20		
15	64QAM	36	0	17.10	17.30	17.29	18.5	3
15	64QAM	36	20	17.17	17.24	17.20		
15	64QAM	36	39	17.30	17.24	17.13		
15	64QAM	75	0	17.15	17.38	17.35		
15	256QAM	1	0	15.09	15.34	15.27	16.5	5
15	256QAM	1	37	15.14	15.22	15.26		
15	256QAM	1	74	15.15	15.19	15.28		
15	256QAM	36	0	15.22	15.30	15.32	16.5	5
15	256QAM	36	20	15.06	15.37	15.24		
15	256QAM	36	39	15.07	15.21	15.19		
15	256QAM	75	0	15.20	15.30	15.17		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.24	20.29	20.27	21.5	0
10	QPSK	1	25	20.12	20.24	20.15		
10	QPSK	1	49	20.25	20.26	20.25		
10	QPSK	25	0	19.23	19.32	19.25	20.5	1
10	QPSK	25	12	19.24	19.26	19.16		
10	QPSK	25	25	19.16	19.29	19.20		
10	QPSK	50	0	19.23	19.30	19.32		
10	16QAM	1	0	19.05	19.26	19.22	20.5	1
10	16QAM	1	25	19.17	19.30	19.20		
10	16QAM	1	49	19.21	19.26	19.20		
10	16QAM	25	0	18.16	18.34	18.20	19.5	2
10	16QAM	25	12	18.10	18.28	18.19		
10	16QAM	25	25	18.25	18.17	18.24		
10	16QAM	50	0	18.26	18.27	18.28		
10	64QAM	1	0	18.11	18.36	18.16	19.5	2
10	64QAM	1	25	18.03	18.35	18.22		
10	64QAM	1	49	18.27	18.16	18.11		
10	64QAM	25	0	17.17	17.24	17.28	18.5	3
10	64QAM	25	12	17.17	17.20	17.19		
10	64QAM	25	25	17.19	17.24	17.14		
10	64QAM	50	0	17.15	17.33	17.27		
10	256QAM	1	0	15.13	15.29	15.16	16.5	5
10	256QAM	1	25	15.19	15.24	15.21		
10	256QAM	1	49	15.20	15.23	15.26		
10	256QAM	25	0	15.27	15.37	15.33	16.5	5
10	256QAM	25	12	15.09	15.34	15.24		
10	256QAM	25	25	15.01	15.25	15.16		
10	256QAM	50	0	15.18	15.24	15.14		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.24	20.28	20.24	21.5	0
5	QPSK	1	12	20.06	20.29	20.21		
5	QPSK	1	24	20.17	20.19	20.31		
5	QPSK	12	0	19.21	19.29	19.32	20.5	1
5	QPSK	12	7	19.24	19.34	19.11		
5	QPSK	12	13	19.24	19.24	19.15		
5	QPSK	25	0	19.24	19.27	19.26		
5	16QAM	1	0	19.05	19.29	19.17	20.5	1
5	16QAM	1	12	19.15	19.37	19.09		
5	16QAM	1	24	19.22	19.22	19.13		
5	16QAM	12	0	18.13	18.37	18.24	19.5	2
5	16QAM	12	7	18.14	18.30	18.24		
5	16QAM	12	13	18.20	18.27	18.21		
5	16QAM	25	0	18.27	18.32	18.26		
5	64QAM	1	0	18.10	18.34	18.19	19.5	2
5	64QAM	1	12	18.06	18.30	18.21		
5	64QAM	1	24	18.25	18.15	18.19		
5	64QAM	12	0	17.06	17.26	17.20	18.5	3
5	64QAM	12	7	17.14	17.18	17.21		
5	64QAM	12	13	17.24	17.26	17.18		
5	64QAM	25	0	17.14	17.38	17.31		
5	256QAM	1	0	15.08	15.26	15.24	16.5	5
5	256QAM	1	12	15.19	15.19	15.27		
5	256QAM	1	24	15.19	15.19	15.27		
5	256QAM	12	0	15.22	15.38	15.38	16.5	5
5	256QAM	12	7	15.11	15.29	15.33		
5	256QAM	12	13	15.07	15.22	15.20		
5	256QAM	25	0	15.16	15.28	15.10		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.27	20.35	20.26	21.5	0
3	QPSK	1	8	20.17	20.28	20.13		
3	QPSK	1	14	20.30	20.23	20.20		
3	QPSK	8	0	19.24	19.31	19.30	20.5	1
3	QPSK	8	4	19.24	19.32	19.14		
3	QPSK	8	7	19.21	19.23	19.14		
3	QPSK	15	0	19.15	19.28	19.30		
3	16QAM	1	0	19.09	19.24	19.24	20.5	1
3	16QAM	1	8	19.13	19.30	19.08		
3	16QAM	1	14	19.17	19.25	19.22		
3	16QAM	8	0	18.14	18.35	18.24	19.5	2
3	16QAM	8	4	18.20	18.30	18.19		
3	16QAM	8	7	18.17	18.24	18.29		
3	16QAM	15	0	18.22	18.23	18.31		
3	64QAM	1	0	18.04	18.34	18.15	19.5	2
3	64QAM	1	8	18.06	18.28	18.17		
3	64QAM	1	14	18.27	18.20	18.14		
3	64QAM	8	0	17.09	17.28	17.20	18.5	3
3	64QAM	8	4	17.09	17.26	17.12		
3	64QAM	8	7	17.27	17.27	17.22		
3	64QAM	15	0	17.13	17.34	17.32		
3	256QAM	1	0	15.17	15.30	15.20	16.5	5
3	256QAM	1	8	15.16	15.21	15.17		
3	256QAM	1	14	15.18	15.22	15.28		
3	256QAM	8	0	15.32	15.31	15.34	16.5	5
3	256QAM	8	4	15.08	15.28	15.26		
3	256QAM	8	7	15.03	15.29	15.15		
3	256QAM	15	0	15.14	15.25	15.10		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.19	20.28	20.29	21.5	0
1.4	QPSK	1	3	20.15	20.26	20.16		
1.4	QPSK	1	5	20.24	20.26	20.24		
1.4	QPSK	3	0	20.22	20.32	20.29		
1.4	QPSK	3	1	20.15	20.30	20.21		
1.4	QPSK	3	3	20.20	20.20	20.31		
1.4	QPSK	6	0	19.19	19.25	19.29	20.5	1
1.4	16QAM	1	0	19.19	19.27	19.17	20.5	1
1.4	16QAM	1	3	19.21	19.28	19.21		
1.4	16QAM	1	5	19.21	19.23	19.29		
1.4	16QAM	3	0	19.15	19.25	19.21		
1.4	16QAM	3	1	19.16	19.28	19.11		
1.4	16QAM	3	3	19.24	19.24	19.20		
1.4	16QAM	6	0	18.22	18.41	18.28	19.5	2
1.4	64QAM	1	0	18.16	18.29	18.21	19.5	2
1.4	64QAM	1	3	18.23	18.38	18.27		
1.4	64QAM	1	5	18.19	18.24	18.24		
1.4	64QAM	3	0	18.23	18.23	18.28		
1.4	64QAM	3	1	18.31	18.26	18.27		
1.4	64QAM	3	3	18.12	18.28	18.10		
1.4	64QAM	6	0	17.18	17.30	17.22	18.5	3
1.4	256QAM	1	0	15.15	15.34	15.27	16.5	5
1.4	256QAM	1	3	15.17	15.25	15.23		
1.4	256QAM	1	5	15.23	15.17	15.28		
1.4	256QAM	3	0	15.30	15.27	15.38		
1.4	256QAM	3	1	15.06	15.36	15.31		
1.4	256QAM	3	3	15.08	15.23	15.11		
1.4	256QAM	6	0	15.21	15.24	15.13	16.5	5

Band 4 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.28	20.33	20.29	21.5	0
20	QPSK	1	49	20.10	20.31	20.18		
20	QPSK	1	99	20.16	20.25	20.23		
20	QPSK	50	0	19.24	19.32	19.29	20.5	1
20	QPSK	50	24	19.25	19.31	19.14		
20	QPSK	50	50	19.21	19.29	19.23		
20	QPSK	100	0	19.21	19.29	19.26		
20	16QAM	1	0	19.13	19.25	19.22	20.5	1
20	16QAM	1	49	19.17	19.27	19.14		
20	16QAM	1	99	19.19	19.31	19.17		
20	16QAM	50	0	18.23	18.35	18.24	19.5	2
20	16QAM	50	24	18.21	18.30	18.24		
20	16QAM	50	50	18.24	18.25	18.25		
20	16QAM	100	0	18.26	18.35	18.35		
20	64QAM	1	0	18.06	18.38	18.14	19.5	2
20	64QAM	1	49	18.05	18.33	18.20		
20	64QAM	1	99	18.28	18.16	18.19		
20	64QAM	50	0	17.10	17.27	17.30	18.5	3
20	64QAM	50	24	17.10	17.27	17.11		
20	64QAM	50	50	17.21	17.23	17.20		
20	64QAM	100	0	17.13	17.30	17.36		
20	256QAM	1	0	15.09	15.29	15.24	16.5	5
20	256QAM	1	49	15.21	15.19	15.24		
20	256QAM	1	99	15.18	15.16	15.20		
20	256QAM	50	0	15.33	15.31	15.36	16.5	5
20	256QAM	50	24	15.01	15.32	15.28		
20	256QAM	50	50	15.09	15.22	15.09		
20	256QAM	100	0	15.12	15.25	15.10		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.25	20.31	20.30	21.5	0
15	QPSK	1	37	20.12	20.32	20.22		
15	QPSK	1	74	20.19	20.16	20.30		
15	QPSK	36	0	19.28	19.32	19.29	20.5	1
15	QPSK	36	20	19.20	19.26	19.12		
15	QPSK	36	39	19.15	19.29	19.13		
15	QPSK	75	0	19.18	19.23	19.32		
15	16QAM	1	0	19.08	19.25	19.27	20.5	1
15	16QAM	1	37	19.16	19.37	19.11		
15	16QAM	1	74	19.23	19.22	19.23		
15	16QAM	36	0	18.19	18.33	18.27	19.5	2
15	16QAM	36	20	18.16	18.30	18.25		
15	16QAM	36	39	18.24	18.24	18.27		
15	16QAM	75	0	18.27	18.29	18.25		
15	64QAM	1	0	18.13	18.37	18.18	19.5	2
15	64QAM	1	37	18.11	18.36	18.18		
15	64QAM	1	74	18.26	18.25	18.10		
15	64QAM	36	0	17.14	17.32	17.27	18.5	3
15	64QAM	36	20	17.17	17.19	17.22		
15	64QAM	36	39	17.19	17.25	17.24		
15	64QAM	75	0	17.16	17.40	17.34		
15	256QAM	1	0	15.20	15.37	15.21	16.5	5
15	256QAM	1	37	15.21	15.29	15.26		
15	256QAM	1	74	15.20	15.19	15.28		
15	256QAM	36	0	15.33	15.29	15.33	16.5	5
15	256QAM	36	20	15.06	15.35	15.32		
15	256QAM	36	39	15.09	15.31	15.19		
15	256QAM	75	0	15.17	15.28	15.12		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.28	20.25	20.31	21.5	0
10	QPSK	1	25	20.08	20.26	20.17		
10	QPSK	1	49	20.17	20.16	20.29		
10	QPSK	25	0	19.28	19.27	19.27	20.5	1
10	QPSK	25	12	19.25	19.34	19.17		
10	QPSK	25	25	19.18	19.22	19.16		
10	QPSK	50	0	19.16	19.29	19.32		
10	16QAM	1	0	19.06	19.34	19.16	20.5	1
10	16QAM	1	25	19.18	19.26	19.11		
10	16QAM	1	49	19.26	19.29	19.21		
10	16QAM	25	0	18.22	18.29	18.31	19.5	2
10	16QAM	25	12	18.16	18.25	18.22		
10	16QAM	25	25	18.17	18.20	18.31		
10	16QAM	50	0	18.26	18.32	18.34		
10	64QAM	1	0	18.06	18.33	18.19	19.5	2
10	64QAM	1	25	18.06	18.26	18.19		
10	64QAM	1	49	18.19	18.24	18.12		
10	64QAM	25	0	17.10	17.27	17.23	18.5	3
10	64QAM	25	12	17.15	17.26	17.19		
10	64QAM	25	25	17.28	17.22	17.21		
10	64QAM	50	0	17.12	17.36	17.33		
10	256QAM	1	0	15.20	15.38	15.16	16.5	5
10	256QAM	1	25	15.19	15.23	15.27		
10	256QAM	1	49	15.26	15.21	15.29		
10	256QAM	25	0	15.30	15.31	15.31	16.5	5
10	256QAM	25	12	15.00	15.31	15.25		
10	256QAM	25	25	15.03	15.25	15.09		
10	256QAM	50	0	15.22	15.25	15.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.29	20.25	20.25	21.5	0
5	QPSK	1	12	20.05	20.31	20.15		
5	QPSK	1	24	20.26	20.24	20.31		
5	QPSK	12	0	19.22	19.28	19.32	20.5	1
5	QPSK	12	7	19.22	19.30	19.16		
5	QPSK	12	13	19.25	19.25	19.12		
5	QPSK	25	0	19.22	19.27	19.28		
5	16QAM	1	0	19.11	19.34	19.24	20.5	1
5	16QAM	1	12	19.21	19.27	19.14		
5	16QAM	1	24	19.23	19.27	19.21		
5	16QAM	12	0	18.17	18.39	18.24	19.5	2
5	16QAM	12	7	18.21	18.32	18.17		
5	16QAM	12	13	18.25	18.19	18.31		
5	16QAM	25	0	18.25	18.34	18.31		
5	64QAM	1	0	18.05	18.29	18.17	19.5	2
5	64QAM	1	12	18.08	18.32	18.15		
5	64QAM	1	24	18.21	18.19	18.13		
5	64QAM	12	0	17.09	17.24	17.26	18.5	3
5	64QAM	12	7	17.15	17.19	17.12		
5	64QAM	12	13	17.29	17.24	17.23		
5	64QAM	25	0	17.21	17.40	17.30		
5	256QAM	1	0	15.19	15.29	15.22	16.5	5
5	256QAM	1	12	15.21	15.25	15.16		
5	256QAM	1	24	15.20	15.16	15.25		
5	256QAM	12	0	15.33	15.29	15.28	16.5	5
5	256QAM	12	7	15.04	15.31	15.32		
5	256QAM	12	13	15.10	15.31	15.14		
5	256QAM	25	0	15.18	15.29	15.11		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.27	20.29	20.30	21.5	0
3	QPSK	1	8	20.11	20.28	20.22		
3	QPSK	1	14	20.26	20.23	20.25		
3	QPSK	8	0	19.19	19.30	19.30	20.5	1
3	QPSK	8	4	19.26	19.27	19.09		
3	QPSK	8	7	19.15	19.24	19.20		
3	QPSK	15	0	19.15	19.35	19.31		
3	16QAM	1	0	19.10	19.26	19.21	20.5	1
3	16QAM	1	8	19.12	19.29	19.09		
3	16QAM	1	14	19.21	19.21	19.20		
3	16QAM	8	0	18.15	18.29	18.30	19.5	2
3	16QAM	8	4	18.18	18.29	18.20		
3	16QAM	8	7	18.17	18.26	18.29		
3	16QAM	15	0	18.20	18.33	18.35		
3	64QAM	1	0	18.15	18.28	18.10	19.5	2
3	64QAM	1	8	18.13	18.26	18.16		
3	64QAM	1	14	18.27	18.23	18.15		
3	64QAM	8	0	17.07	17.29	17.21	18.5	3
3	64QAM	8	4	17.11	17.26	17.20		
3	64QAM	8	7	17.25	17.32	17.16		
3	64QAM	15	0	17.11	17.36	17.30		
3	256QAM	1	0	15.08	15.34	15.24	16.5	5
3	256QAM	1	8	15.20	15.26	15.26		
3	256QAM	1	14	15.26	15.19	15.25		
3	256QAM	8	0	15.32	15.36	15.33	16.5	5
3	256QAM	8	4	15.04	15.37	15.32		
3	256QAM	8	7	15.02	15.26	15.12		
3	256QAM	15	0	15.16	15.30	15.07		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.16	20.14	20.20	21.5	0
1.4	QPSK	1	3	20.08	20.19	20.02		
1.4	QPSK	1	5	20.18	20.19	20.13		
1.4	QPSK	3	0	20.16	20.27	20.16		
1.4	QPSK	3	1	20.06	20.22	20.12		
1.4	QPSK	3	3	20.06	20.07	20.19		
1.4	QPSK	6	0	19.07	19.21	19.24	20.5	1
1.4	16QAM	1	0	19.13	19.17	19.05	20.5	1
1.4	16QAM	1	3	19.14	19.19	19.15		
1.4	16QAM	1	5	19.16	19.11	19.17		
1.4	16QAM	3	0	19.05	19.21	19.10		
1.4	16QAM	3	1	19.05	19.20	19.05		
1.4	16QAM	3	3	19.18	19.16	19.14		
1.4	16QAM	6	0	18.10	18.28	18.25	19.5	2
1.4	64QAM	1	0	18.14	18.19	18.07	19.5	2
1.4	64QAM	1	3	18.20	18.26	18.18		
1.4	64QAM	1	5	18.08	18.11	18.20		
1.4	64QAM	3	0	18.17	18.09	18.14		
1.4	64QAM	3	1	18.24	18.14	18.20		
1.4	64QAM	3	3	18.02	18.15	18.00		
1.4	64QAM	6	0	17.13	17.24	17.20	18.5	3
1.4	256QAM	1	0	15.10	15.26	15.19	16.5	5
1.4	256QAM	1	3	15.05	15.12	15.10		
1.4	256QAM	1	5	15.10	15.08	15.22		
1.4	256QAM	3	0	15.17	15.18	15.33		
1.4	256QAM	3	1	15.03	15.32	15.18		
1.4	256QAM	3	3	15.02	15.13	15.02		
1.4	256QAM	6	0	15.15	15.21	15.01	16.5	5

Band 5 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.45	22.46	22.43	24	0
10	QPSK	1	25	22.27	22.41	22.34		
10	QPSK	1	49	22.30	22.42	22.39		
10	QPSK	25	0	21.42	21.52	21.47	23	1
10	QPSK	25	12	21.43	21.42	21.32		
10	QPSK	25	25	21.44	21.45	21.44		
10	QPSK	50	0	21.43	21.49	21.48		
10	16QAM	1	0	21.38	21.45	21.46	23	1
10	16QAM	1	25	21.34	21.45	21

Band 7 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.24	21.27	21.17	22.5	0
20	QPSK	1	49	21.11	21.16	21.09		
20	QPSK	1	99	21.08	21.22	21.17		
20	QPSK	50	0	20.24	20.28	20.26	21.5	1
20	QPSK	50	24	20.24	20.22	20.21		
20	QPSK	50	50	20.24	20.23	20.27		
20	QPSK	100	0	20.26	20.27	20.25		
20	16QAM	1	0	20.26	20.21	20.24	21.5	1
20	16QAM	1	49	20.21	20.22	20.29		
20	16QAM	1	99	20.20	20.24	20.24		
20	16QAM	50	0	19.24	19.35	19.17	20.5	2
20	16QAM	50	24	19.20	19.29	19.30		
20	16QAM	50	50	19.25	19.28	19.20		
20	16QAM	100	0	19.29	19.32	19.29		
20	64QAM	1	0	19.08	19.34	19.08	20.5	2
20	64QAM	1	49	19.06	19.38	19.21		
20	64QAM	1	99	19.26	19.07	19.22		
20	64QAM	50	0	18.02	18.34	18.29	19.5	3
20	64QAM	50	24	18.09	18.31	18.15		
20	64QAM	50	50	18.25	18.20	18.09		
20	64QAM	100	0	18.18	18.38	18.46		
20	256QAM	1	0	16.05	16.28	16.27	17.5	5
20	256QAM	1	49	16.15	16.14	16.22		
20	256QAM	1	99	16.23	16.16	16.30		
20	256QAM	50	0	16.34	16.41	16.36	17.5	5
20	256QAM	50	24	16.00	16.22	16.28		
20	256QAM	50	50	16.08	16.18	16.09		
20	256QAM	100	0	16.09	16.19	16.08		
Channel				20625	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.19	21.15	21.13	22.5	0
15	QPSK	1	37	21.00	21.14	21.05		
15	QPSK	1	74	20.98	21.15	21.15		
15	QPSK	36	0	20.13	20.18	20.17	21.5	1
15	QPSK	36	20	20.22	20.20	20.13		
15	QPSK	36	39	20.14	20.19	20.14		
15	QPSK	75	0	20.12	20.19	20.21		
15	16QAM	1	0	20.21	20.15	20.19	21.5	1
15	16QAM	1	37	20.20	20.22	20.22		
15	16QAM	1	74	20.11	20.19	20.21		
15	16QAM	36	0	19.22	19.29	19.13	20.5	2
15	16QAM	36	20	19.11	19.14	19.28		
15	16QAM	36	39	19.28	19.25	19.15		
15	16QAM	75	0	19.18	19.26	19.30		
15	64QAM	1	0	19.00	19.31	19.04	20.5	2
15	64QAM	1	37	19.04	19.36	19.11		
15	64QAM	1	74	19.18	19.00	19.17		
15	64QAM	36	0	17.95	18.29	18.18	19.5	3
15	64QAM	36	20	18.02	18.25	17.98		
15	64QAM	36	39	18.13	18.20	18.13		
15	64QAM	75	0	18.01	18.29	18.36		
15	256QAM	1	0	16.04	16.17	16.20	17.5	5
15	256QAM	1	37	16.07	16.11	16.21		
15	256QAM	1	74	16.14	16.06	16.14		
15	256QAM	36	0	16.34	16.29	16.25	17.5	5
15	256QAM	36	20	15.97	16.17	16.23		
15	256QAM	36	39	16.02	16.23	16.00		
15	256QAM	75	0	16.08	16.14	16.06		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.21	21.21	21.19	22.5	0
10	QPSK	1	25	21.02	21.17	21.03		
10	QPSK	1	49	20.99	21.13	21.16		
10	QPSK	25	0	20.11	20.20	20.12	21.5	1
10	QPSK	25	12	20.14	20.17	20.12		
10	QPSK	25	25	20.17	20.19	20.21		
10	QPSK	50	0	20.13	20.19	20.13		
10	16QAM	1	0	20.22	20.19	20.12	21.5	1
10	16QAM	1	25	20.12	20.22	20.16		
10	16QAM	1	49	20.16	20.18	20.13		
10	16QAM	25	0	19.24	19.19	19.06	20.5	2
10	16QAM	25	12	19.06	19.17	19.26		
10	16QAM	25	25	19.27	19.21	19.19		
10	16QAM	50	0	19.24	19.27	19.30		
10	64QAM	1	0	19.09	19.31	19.10	20.5	2
10	64QAM	1	25	19.02	19.35	19.15		
10	64QAM	1	49	19.25	19.02	19.22		
10	64QAM	25	0	18.05	18.29	18.19	19.5	3
10	64QAM	25	12	18.09	18.23	18.02		
10	64QAM	25	25	18.15	18.10	18.08		
10	64QAM	50	0	18.09	18.25	18.32		
10	256QAM	1	0	16.06	16.25	16.27	17.5	5
10	256QAM	1	25	16.07	16.13	16.24		
10	256QAM	1	49	16.18	15.99	16.23		
10	256QAM	25	0	16.27	16.28	16.31	17.5	5
10	256QAM	25	12	15.95	16.16	16.25		
10	256QAM	25	25	15.94	16.13	15.92		
10	256QAM	50	0	16.03	16.15	16.02		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.17	21.19	21.12	22.5	0
5	QPSK	1	12	21.04	21.15	21.03		
5	QPSK	1	24	21.08	21.13	21.18		
5	QPSK	12	0	20.21	20.18	20.17	21.5	1
5	QPSK	12	7	20.23	20.19	20.21		
5	QPSK	12	13	20.15	20.17	20.20		
5	QPSK	25	0	20.17	20.16	20.16		
5	16QAM	1	0	20.19	20.11	20.16	21.5	1
5	16QAM	1	12	20.15	20.20	20.20		
5	16QAM	1	24	20.18	20.12	20.14		
5	16QAM	12	0	19.19	19.29	19.08	20.5	2
5	16QAM	12	7	19.09	19.21	19.21		
5	16QAM	12	13	19.21	19.23	19.09		
5	16QAM	25	0	19.21	19.20	19.21	20.5	2
5	64QAM	1	0	18.99	19.27	19.07		
5	64QAM	1	12	18.97	19.30	19.18		
5	64QAM	1	24	19.23	19.09	19.20		
5	64QAM	12	0	17.96	18.25	18.18	19.5	3
5	64QAM	12	7	18.10	18.20	18.03		
5	64QAM	12	13	18.10	18.16	18.03		
5	64QAM	25	0	18.01	18.27	18.35		
5	256QAM	1	0	15.98	16.24	16.16	17.5	5
5	256QAM	1	12	16.06	16.17	16.25		
5	256QAM	1	24	16.13	16.10	16.13		
5	256QAM	12	0	16.26	16.25	16.30	17.5	5
5	256QAM	12	7	16.00	16.23	16.26		
5	256QAM	12	13	16.00	16.14	16.02		
5	256QAM	25	0	16.05	16.08	16.00		

Band 12 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.47	22.51	22.50	24	0
10	QPSK	1	25	22.35	22.39	22.32		
10	QPSK	1	49	22.30	22.50	22.47		
10	QPSK	25	0	21.40	21.50	21.45	23	1
10	QPSK	25	12	21.42	21.49	21.33		
10	QPSK	25	25	21.46	21.47	21.46		
10	QPSK	50	0	21.44	21.47	21.45		
10	16QAM	1	0	21.38	21.51	21.48	23	1
10	16QAM	1	25	21.31	21.44	21.42		
10	16QAM	1	49	21.40	21.57	21.44		
10	16QAM	25	0	20.47	20.52	20.41	22	2
10	16QAM	25	12	20.37	20.52	20.53		
10	16QAM	25	25	20.56	20.48	20.44		
10	16QAM	50	0	20.55	20.49	20.60		
10	64QAM	1	0	20.28	20.56	20.35	22	2
10	64QAM	1	25	20.33	20.58	20.48		
10	64QAM	1	49	20.54	20.36	20.49		
10	64QAM	25	0	19.23	19.58	19.44	21	3
10	64QAM	25	12	19.40	19.52	19.36		
10	64QAM	25	25	19.42	19.44	19.41		
10	64QAM	50	0	19.32	19.59	19.66		
10	256QAM	1	0	17.29	17.52	17.54	19	5
10	256QAM	1	25	17.41	17.41	17.48		
10	256QAM	1	49	17.44	17.30	17.49		
10	256QAM	25	0	17.62	17.64	17.53	19	5
10	256QAM	25	12	17.22	17.46	17.57		
10	256QAM	25	25	17.26	17.47	17.25		
10	256QAM	50	0	17.34	17.48	17.28		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.46	22.41	22.39	24	0
5	QPSK	1	12	22.25	22.36	22.33		
5	QPSK	1	24	22.22	22.33	22.29		
5	QPSK	12	0	21.36	21.42	21.42	23	1
5	QPSK	12	7	21.37	21.40	21.27		
5	QPSK	12	13	21.36	21.45	21.35		
5	QPSK	25	0	21.43	21.33	21.41		
5	16QAM	1	0	21.37	21.40	21.46	23	1
5	16QAM	1	12	21.28	21.36	21.32		
5	16QAM	1	24	21.36	21.53	21.32		
5	16QAM	12	0	20.40	20.41	20.37	22	2
5	16QAM	12	7	20.27	20.41	20.41		
5	16QAM	12	13	20.49	20.49	20.34		
5	16QAM	25	0	20.45	20.52	20.51		
5	64QAM	1	0	20.25	20.47	20.30	22	2
5	64QAM	1	12	20.18	20.54	20.41		
5	64QAM	1	24	20.44	20.27	20.40		
5	64QAM	12	0	19.20	19.48	19.41	21	3
5	64QAM	12	7	19.29	19.49	19.24		
5	64QAM	12	13	19.32	19.43	19.33		
5	64QAM	25	0	19.25	19.56	19.55		
5	256QAM	1	0	17.29	17.48	17.49	19	5
5	256QAM	1	12	17.34	17.35	17.46		
5	256QAM	1	24	17.42	17.28	17.38		
5	256QAM	12	0	17.55	17.47	17.52	19	5
5	256QAM	12	7	17.21	17.45	17.45		
5	256QAM	12	13	17.25	17.38	17.25		
5	256QAM	25	0	17.24	17.34	17.22		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.43	22.46	22.44	24	0
3	QPSK	1	8	22.19	22.40	22.28		
3	QPSK	1	14	22.29	22.38	22.34		
3	QPSK	8	0	21.35	21.42	21.44	23	1
3	QPSK	8	4	21.44	21.36	21.31		
3	QPSK	8	7	21.36	21.39	21.44		
3	QPSK	15	0	21.43	21.34	21.40		
3	16QAM	1	0	21.39	21.38	21.38	23	1
3	16QAM	1	8	21.36	21.36	21.28		
3	16QAM	1	14	21.36	21.53	21.36		
3	16QAM	8	0	20.40	20.44	20.30	22	2
3	16QAM	8	4	20.35	20.46	20.52		
3	16QAM	8	7	20.44	20.46	20.38		
3	16QAM	15	0	20.42	20.46	20.47		
3	64QAM	1	0	20.26	20.53	20.30	22	2
3	64QAM	1	8	20.20	20.54	20.38		
3	64QAM	1	14	20.47	20.32	20.37		
3	64QAM	8	0	19.22	19.41	19.41	21	3
3	64QAM	8	4	19.25	19.48	19.26		
3	64QAM	8	7	19.39	19.35	19.36		
3	64QAM	15	0	19.30	19.46	19.62		
3	256QAM	1	0	17.25	17.47	17.44	19	5
3	256QAM	1	8	17.27	17.31	17.39		
3	256QAM	1	14	17.33	17.28	17.39		
3	256QAM	8	0	17.53	17.50	17.54	19	5
3	256QAM	8	4	17.23	17.38	17.51		
3	256QAM	8	7	17.26	17.39	17.17		
3	256QAM	15	0	17.26	17.33	17.25		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.37	22.30	22.34	24	0
1.4	QPSK	1	3	22.23	22.32	22.19		
1.4	QPSK	1	5	22.31	22.28	22.23		
1.4	QPSK	3	0	22.28	22.37	22.25		
1.4	QPSK	3	1	22.25	22.43	22.27		
1.4	QPSK	3	3	22.16	22.26	22.33		
1.4	QPSK	6	0	21.23	21.38	21.35	23	1
1.4	16QAM	1	0	21.22	21.30	21.24	23	1
1.4	16QAM	1	3	21.24	21.37	21.32		
1.4	16QAM	1	5	21.29	21.27	21.32		
1.4	16QAM	3	0	21.22	21.31	21.30		
1.4	16QAM	3	1	21.23	21.34	21.24		
1.4	16QAM	3	3	21.28	21.28	21.34		
1.4	16QAM	6	0	20.28	20.40	20.39	22	2
1.4	64QAM	1	0	20.27	20.34	20.27	22	2
1.4	64QAM	1	3	20.31	20.36	20.35		
1.4	64QAM	1	5	20.26	20.29	20.36		
1.4	64QAM	3	0	20.37	20.21	20.29		
1.4	64QAM	3	1	20.34	20.23	20.38		
1.4	64QAM	3	3	20.17	20.29	20.14		
1.4	64QAM	6	0	19.25	19.42	19.38	21	3
1.4	256QAM	1	0	17.19	17.42	17.38	19	5
1.4	256QAM	1	3	17.23	17.24	17.22		
1.4	256QAM	1	5	17.31	17.25	17.40		
1.4	256QAM	3	0	17.29	17.39	17.44		
1.4	256QAM	3	1	17.19	17.50	17.31		
1.4	256QAM	3	3	17.13	17.24	17.11		
1.4	256QAM	6	0	17.32	17.34	17.10	19	5

Band 13 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.47		24	0
10	QPSK	1	25		22.37			
10	QPSK	1	49		22.40			
10	QPSK	25	0		21.45		23	1
10	QPSK	25	12		21.44			
10	QPSK	25	25		21.44			
10	QPSK	50	0		21.42			
10	16QAM	1	0		21.50		23	1
10	16QAM	1	25		21.45			
10	16QAM	1	49		21.59			
10	16QAM	25	0		20.55		22	2
10	16QAM	25	12		20.44			
10	16QAM	25	25		20.53			
10	16QAM	50	0		20.54			
10	64QAM	1	0		20.59		22	2
10	64QAM	1	25		20.54			
10	64QAM	1	49		20.31			
10	64QAM	25	0		19.51		21	3
10	64QAM	25	12		19.54			
10	64QAM	25	25		19.36			
10	64QAM	50	0		19.53			
10	256QAM	1	0		17.51		19	5
10	256QAM	1	25		17.43			
10	256QAM	1	49		17.27			
10	256QAM	25	0		17.56		19	5
10	256QAM	25	12		17.44			
10	256QAM	25	25		17.39			
10	256QAM	50	0		17.42			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.42	22.43	22.46	24	0
5	QPSK	1	12	22.25	22.45	22.32		
5	QPSK	1	24	22.29	22.36	22.45		
5	QPSK	12	0	21.44	21.46	21.48	23	1
5	QPSK	12	7	21.43	21.45	21.32		
5	QPSK	12	13	21.49	21.47	21.44		
5	QPSK	25	0	21.45	21.47	21.45		
5	16QAM	1	0	21.32	21.46	21.45	23	1
5	16QAM	1	12	21.39	21.43	21.40		
5	16QAM	1	24	21.40	21.61	21.35		
5	16QAM	12	0	20.50	20.46	20.39	22	2
5	16QAM	12	7	20.36	20.48	20.52		
5	16QAM	12	13	20.53	20.42	20.37		
5	16QAM	25	0	20.46	20.48	20.51		
5	64QAM	1	0	20.26	20.53	20.36	22	2
5	64QAM	1	12	20.24	20.53	20.39		
5	64QAM	1	24	20.50	20.33	20.42		
5	64QAM	12	0	19.26	19.46	19.48	21	3
5	64QAM	12	7	19.33	19.44	19.30		
5	64QAM	12	13	19.41	19.41	19.29		
5	64QAM	25	0	19.27	19.58	19.54		
5	256QAM	1	0	17.25	17.47	17.42	19	5
5	256QAM	1	12	17.30	17.41	17.46		
5	256QAM	1	24	17.45	17.27	17.45		
5	256QAM	12	0	17.51	17.55	17.49	19	5
5	256QAM	12	7	17.25	17.44	17.56		
5	256QAM	12	13	17.21	17.43	17.22		
5	256QAM	25	0	17.33	17.38	17.26		

Band 17 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.49	22.52	22.43	24	0
10	QPSK	1	25	22.33	22.43	22.35		
10	QPSK	1	49	22.33	22.42	22.38		
10	QPSK	25	0	21.46	21.53	21.45	23	1
10	QPSK	25	12	21.51	21.49	21.36		
10	QPSK	25	25	21.45	21.43	21.51		
10	QPSK	50	0	21.42	21.50	21.43		
10	16QAM	1	0	21.36	21.44	21.47	23	1
10	16QAM	1	25	21.38	21.54	21.35		
10	16QAM	1	49	21.41	21.57	21.40		
10	16QAM	25	0	20.45	20.56	20.41	22	2
10	16QAM	25	12	20.42	20.50	20.59		
10	16QAM	25	25	20.47	20.45	20.50		
10	16QAM	50	0	20.51	20.61	20.62		
10	64QAM	1	0	20.36	20.56	20.41	22	2
10	64QAM	1	25	20.29	20.59	20.44		
10	64QAM	1	49	20.46	20.38	20.43		
10	64QAM	25	0	19.25	19.51	19.54	21	3
10	64QAM	25	12	19.39	19.50	19.34		
10	64QAM	25	25	19.51	19.39	19.37		
10	64QAM	50	0	19.40	19.62	19.59		
10	256QAM	1	0	17.33	17.47	17.54	19	5
10	256QAM	1	25	17.44	17.45	17.50		
10	256QAM	1	49	17.49	17.38	17.50		
10	256QAM	25	0	17.56	17.62	17.60	19	5
10	256QAM	25	12	17.33	17.54	17.53		
10	256QAM	25	25	17.31	17.43	17.21		
10	256QAM	50	0	17.37	17.39	17.31		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.41	22.46	22.33	24	0
5	QPSK	1	12	22.25	22.35	22.31		
5	QPSK	1	24	22.26	22.33	22.35		
5	QPSK	12	0	21.42	21.41	21.44	23	1
5	QPSK	12	7	21.37	21.33	21.25		
5	QPSK	12	13	21.40	21.38	21.43		
5	QPSK	25	0	21.37	21.43	21.37		
5	16QAM	1	0	21.31	21.42	21.42	23	1
5	16QAM	1	12	21.34	21.44	21.34		
5	16QAM	1	24	21.36	21.49	21.35		
5	16QAM	12	0	20.44	20.48	20.33	22	2
5	16QAM	12	7	20.33	20.41	20.48		
5	16QAM	12	13	20.42	20.43	20.32		
5	16QAM	25	0	20.47	20.46	20.52		
5	64QAM	1	0	20.26	20.54	20.29	22	2
5	64QAM	1	12	20.23	20.54	20.39		
5	64QAM	1	24	20.38	20.22	20.37		
5	64QAM	12	0	19.28	19.43	19.37	21	3
5	64QAM	12	7	19.33	19.43	19.26		
5	64QAM	12	13	19.36	19.39	19.35		
5	64QAM	25	0	19.24	19.56	19.60		
5	256QAM	1	0	17.23	17.49	17.48	19	5
5	256QAM	1	12	17.37	17.33	17.37		
5	256QAM	1	24	17.40	17.25	17.45		
5	256QAM	12	0	17.54	17.55	17.55	19	5
5	256QAM	12	7	17.25	17.48	17.50		
5	256QAM	12	13	17.22	17.43	17.18		
5	256QAM	25	0	17.25	17.38	17.30		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.44	22.52	22.44	24	0
15	QPSK	1	37	22.29	22.36	22.34		
15	QPSK	1	74	22.33	22.47	22.44		
15	QPSK	36	0	21.40	21.51	21.43	23	1
15	QPSK	36	20	21.39	21.42	21.27		
15	QPSK	36	39	21.39	21.40	21.38		
15	QPSK	75	0	21.40	21.47	21.45		
15	16QAM	1	0	21.34	21.43	21.50	23	1
15	16QAM	1	37	21.38	21.51	21.30		
15	16QAM	1	74	21.35	21.57	21.40		
15	16QAM	36	0	20.48	20.56	20.35	22	2
15	16QAM	36	20	20.40	20.50	20.53		
15	16QAM	36	39	20.55	20.62	20.42		
15	16QAM	75	0	20.51	20.57	20.53		
15	64QAM	1	0	20.34	20.53	20.29	22	2
15	64QAM	1	37	20.23	20.58	20.45		
15	64QAM	1	74	20.52	20.26	20.48		
15	64QAM	36	0	19.30	19.55	19.51	21	3
15	64QAM	36	20	19.34	19.50	19.34		
15	64QAM	36	39	19.37	19.35	19.30		
15	64QAM	75	0	19.39	19.60	19.55		
15	256QAM	1	0	17.25	17.47	17.53	19	5
15	256QAM	1	37	17.31	17.44	17.50		
15	256QAM	1	74	17.38	17.29	17.48		
15	256QAM	36	0	17.58	17.53	17.50	19	5
15	256QAM	36	20	17.19	17.48	17.47		
15	256QAM	36	39	17.24	17.41	17.17		
15	256QAM	75	0	17.36	17.45	17.31		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.42	22.47	22.39	24	0
10	QPSK	1	25	22.23	22.43	22.25		
10	QPSK	1	49	22.32	22.37	22.34		
10	QPSK	25	0	21.34	21.41	21.42	23	1
10	QPSK	25	12	21.37	21.42	21.23		
10	QPSK	25	25	21.41	21.39	21.45		
10	QPSK	50	0	21.43	21.43	21.44		
10	16QAM	1	0	21.33	21.38	21.46	23	1
10	16QAM	1	25	21.27	21.44	21.34		
10	16QAM	1	49	21.31	21.56	21.32		
10	16QAM	25	0	20.42	20.50	20.34	22	2
10	16QAM	25	12	20.33	20.36	20.43		
10	16QAM	25	25	20.49	20.43	20.40		
10	16QAM	50	0	20.46	20.51	20.55		
10	64QAM	1	0	20.23	20.49	20.31	22	2
10	64QAM	1	25	20.24	20.57	20.34		
10	64QAM	1	49	20.49	20.27	20.39		
10	64QAM	25	0	19.26	19.46	19.39	21	3
10	64QAM	25	12	19.34	19.42	19.29		
10	64QAM	25	25	19.36	19.39	19.36		
10	64QAM	50	0	19.23	19.53	19.55		
10	256QAM	1	0	17.27	17.44	17.41	19	5
10	256QAM	1	25	17.31	17.40	17.45		
10	256QAM	1	49	17.38	17.34	17.46		
10	256QAM	25	0	17.47	17.48	17.55	19	5
10	256QAM	25	12	17.27	17.40	17.49		
10	256QAM	25	25	17.27	17.35	17.14		
10	256QAM	50	0	17.29	17.34	17.25		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.40	22.40	22.42	24	0
5	QPSK	1	12	22.22	22.35	22.36		
5	QPSK	1	24	22.23	22.34	22.38		
5	QPSK	12	0	21.39	21.37	21.40	23	1
5	QPSK	12	7	21.41	21.43	21.30		
5	QPSK	12	13	21.34	21.36	21.34		
5	QPSK	25	0	21.45	21.43	21.41		
5	16QAM	1	0	21.37	21.45	21.36	23	1
5	16QAM	1	12	21.27	21.38	21.30		
5	16QAM	1	24	21.38	21.50	21.34		
5	16QAM	12	0	20.48	20.46	20.38	22	2
5	16QAM	12	7	20.28	20.41	20.49		
5	16QAM	12	13	20.40	20.39	20.37		
5	16QAM	25	0	20.44	20.51	20.46		
5	64QAM	1	0	20.26	20.56	20.27	22	2
5	64QAM	1	12	20.19	20.55	20.32		
5	64QAM	1	24	20.48	20.28	20.45		
5	64QAM	12	0	19.18	19.47	19.40	21	3
5	64QAM	12	7	19.25	19.46	19.32		
5	64QAM	12	13	19.32	19.33	19.27		
5	64QAM	25	0	19.29	19.52	19.60		
5	256QAM	1	0	17.26	17.40	17.44	19	5
5	256QAM	1	12	17.31	17.31	17.42		
5	256QAM	1	24	17.39	17.33	17.39		
5	256QAM	12	0	17.57	17.54	17.51	19	5
5	256QAM	12	7	17.17	17.47	17.50		
5	256QAM	12	13	17.24	17.37	17.17		
5	256QAM	25	0	17.23	17.39	17.25		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.40	22.39	22.37	24	0
3	QPSK	1	8	22.19	22.34	22.34		
3	QPSK	1	14	22.21	22.44	22.32		
3	QPSK	8	0	21.34	21.34	21.36	23	1
3	QPSK	8	4	21.44	21.43	21.26		
3	QPSK	8	7	21.35	21.39	21.38		
3	QPSK	15	0	21.33	21.38	21.43		
3	16QAM	1	0	21.29	21.47	21.47	23	1
3	16QAM	1	8	21.28	21.46	21.34		
3	16QAM	1	14	21.34	21.54	21.32		
3	16QAM	8	0	20.45	20.52	20.38	22	2
3	16QAM	8	4	20.37	20.38	20.47		
3	16QAM	8	7	20.49	20.44	20.35		
3	16QAM	15	0	20.45	20.50	20.47		
3	64QAM	1	0	20.33	20.56	20.29	22	2
3	64QAM	1	8	20.21	20.49	20.38		
3	64QAM	1	14	20.46	20.26	20.36		
3	64QAM	8	0	19.25	19.49	19.41	21	3
3	64QAM	8	4	19.31	19.41	19.22		
3	64QAM	8	7	19.39	19.39	19.35		
3	64QAM	15	0	19.32	19.51	19.50		
3	256QAM	1	0	17.23	17.41	17.48	19	5
3	256QAM	1	8	17.37	17.40	17.48		
3	256QAM	1	14	17.41	17.26	17.47		
3	256QAM	8	0	17.58	17.46	17.46	19	5
3	256QAM	8	4	17.26	17.38	17.50		
3	256QAM	8	7	17.16	17.37	17.24		
3	256QAM	15	0	17.27	17.41	17.22		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.36	22.27	22.39	24	0
1.4	QPSK	1	3	22.18	22.39	22.17		
1.4	QPSK	1	5	22.32	22.38	22.30		
1.4	QPSK	3	0	22.37	22.42	22.32		
1.4	QPSK	3	1	22.27	22.38	22.27		
1.4	QPSK	3	3	22.20	22.26	22.29		
1.4	QPSK	6	0	21.26	21.41	21.39	23	1
1.4	16QAM	1	0	21.27	21.37	21.21	23	1
1.4	16QAM	1	3	21.30	21.28	21.30		
1.4	16QAM	1	5	21.30	21.31	21.29		
1.4	16QAM	3	0	21.15	21.39	21.24		
1.4	16QAM	3	1	21.20	21.32	21.18		
1.4	16QAM	3	3	21.32	21.33	21.29		
1.4	16QAM	6	0	20.21	20.44	20.45	22	2
1.4	64QAM	1	0	20.30	20.37	20.19	22	2
1.4	64QAM	1	3	20.32	20.40	20.38		
1.4	64QAM	1	5	20.25	20.22	20.36		
1.4	64QAM	3	0	20.37	20.18	20.35		
1.4	64QAM	3	1	20.36	20.25	20.31		
1.4	64QAM	3	3	20.20	20.33	20.10		
1.4	64QAM	6	0	19.28	19.37	19.38	21	3
1.4	256QAM	1	0	17.20	17.42	17.37	19	5
1.4	256QAM	1	3	17.20	17.27	17.22		
1.4	256QAM	1	5	17.26	17.25	17.43		
1.4	256QAM	3	0	17.35	17.36	17.47		
1.4	256QAM	3	1	17.23	17.42	17.28		
1.4	256QAM	3	3	17.20	17.30	17.21		
1.4	256QAM	6	0	17.35	17.34	17.12	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.28	20.37	20.33	21.5	0
20	QPSK	1	49	20.17	20.32	20.15		
20	QPSK	1	99	20.16	20.32	20.22		
20	QPSK	50	0	19.31	19.35	19.31	20.5	1
20	QPSK	50	24	19.23	19.31	19.23		
20	QPSK	50	50	19.18	19.28	19.28		
20	QPSK	100	0	19.24	19.33	19.31		
20	16QAM	1	0	19.13	19.26	19.24	20.5	1
20	16QAM	1	49	19.15	19.27	19.12		
20	16QAM	1	99	19.20	19.32	19.24		
20	16QAM	50	0	18.21	18.38	18.22	19.5	2
20	16QAM	50	24	18.19	18.37	18.28		
20	16QAM	50	50	18.23	18.27	18.22		
20	16QAM	100	0	18.31	18.42	18.35		
20	64QAM	1	0	18.04	18.45	18.18	19.5	2
20	64QAM	1	49	18.03	18.34	18.20		
20	64QAM	1	99	18.36	18.16	18.17		
20	64QAM	50	0	17.11	17.25	17.32	18.5	3
20	64QAM	50	24	17.10	17.31	17.18		
20	64QAM	50	50	17.22	17.20	17.21		
20	64QAM	100	0	17.17	17.32	17.39		
20	256QAM	1	0	15.07	15.30	15.21	16.5	5
20	256QAM	1	49	15.24	15.26	15.33		
20	256QAM	1	99	15.23	15.22	15.21		
20	256QAM	50	0	15.39	15.39	15.36	16.5	5
20	256QAM	50	24	15.08	15.39	15.32		
20	256QAM	50	50	15.13	15.25	15.11		
20	256QAM	100	0	15.12	15.28	15.11		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.29	20.34	20.31	21.5	0
15	QPSK	1	37	20.14	20.34	20.21		
15	QPSK	1	74	20.16	20.25	20.26		
15	QPSK	36	0	19.21	19.32	19.27	20.5	1
15	QPSK	36	20	19.24	19.40	19.14		
15	QPSK	36	39	19.20	19.27	19.24		
15	QPSK	75	0	19.21	19.28	19.30		
15	16QAM	1	0	19.17	19.27	19.28	20.5	1
15	16QAM	1	37	19.21	19.33	19.15		
15	16QAM	1	74	19.19	19.34	19.18		
15	16QAM	36	0	18.22	18.42	18.27	19.5	2
15	16QAM	36	20	18.23	18.37	18.24		
15	16QAM	36	39	18.31	18.24	18.29		
15	16QAM	75	0	18.26	18.38	18.37		
15	64QAM	1	0	18.12	18.45	18.15	19.5	2
15	64QAM	1	37	18.11	18.36	18.17		
15	64QAM	1	74	18.26	18.13	18.24		
15	64QAM	36	0	17.16	17.29	17.33	18.5	3
15	64QAM	36	20	17.08	17.30	17.14		
15	64QAM	36	39	17.25	17.22	17.22		
15	64QAM	75	0	17.12	17.33	17.34		
15	256QAM	1	0	15.14	15.29	15.32	16.5	5
15	256QAM	1	37	15.19	15.16	15.30		
15	256QAM	1	74	15.25	15.14	15.28		
15	256QAM	36	0	15.36	15.30	15.33	16.5	5
15	256QAM	36	20	15.05	15.33	15.33		
15	256QAM	36	39	15.06	15.20	15.15		
15	256QAM	75	0	15.21	15.29	15.09		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.32	20.36	20.36	21.5	0
10	QPSK	1	25	20.07	20.29	20.21		
10	QPSK	1	49	20.14	20.33	20.24		
10	QPSK	25	0	19.22	19.31	19.34	20.5	1
10	QPSK	25	12	19.26	19.34	19.15		
10	QPSK	25	25	19.24	19.29	19.23		
10	QPSK	50	0	19.23	19.28	19.24		
10	16QAM	1	0	19.16	19.28	19.21	20.5	1
10	16QAM	1	25	19.18	19.27	19.16		
10	16QAM	1	49	19.16	19.38	19.21		
10	16QAM	25	0	18.32	18.35	18.21	19.5	2
10	16QAM	25	12	18.20	18.29	18.21		
10	16QAM	25	25	18.29	18.24	18.33		
10	16QAM	50	0	18.24	18.37	18.44		
10	64QAM	1	0	18.11	18.43	18.22	19.5	2
10	64QAM	1	25	18.06	18.35	18.20		
10	64QAM	1	49	18.34	18.23	18.17		
10	64QAM	25	0	17.16	17.30	17.35	18.5	3
10	64QAM	25	12	17.17	17.28	17.11		
10	64QAM	25	25	17.22	17.22	17.21		
10	64QAM	50	0	17.11	17.30	17.39		
10	256QAM	1	0	15.09	15.32	15.29	16.5	5
10	256QAM	1	25	15.26	15.23	15.33		
10	256QAM	1	49	15.18	15.16	15.22		
10	256QAM	25	0	15.34	15.38	15.36	16.5	5
10	256QAM	25	12	15.05	15.29	15.34		
10	256QAM	25	25	15.13	15.21	15.10		
10	256QAM	50	0	15.13	15.32	15.17		
Channel				131987	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.33	20.33	20.35	21.5	0
5	QPSK	1	12	20.10	20.35	20.20		
5	QPSK	1	24	20.20	20.33	20.26		
5	QPSK	12	0	19.25	19.40	19.28	20.5	1
5	QPSK	12	7	19.31	19.39	19.17		
5	QPSK	12	13	19.23	19.36	19.22		
5	QPSK	25	0	19.23	19.30	19.28		
5	16QAM	1	0	19.18	19.25	19.24	20.5	1
5	16QAM	1	12	19.26	19.28	19.17		
5	16QAM	1	24	19.16	19.34	19.22		
5	16QAM	12	0	18.25	18.38	18.29	19.5	2
5	16QAM	12	7	18.21	18.34	18.28		
5	16QAM	12	13	18.30	18.29	18.24		
5	16QAM	25	0	18.29	18.36	18.34		
5	64QAM	1	0	18.07	18.42	18.20	19.5	2
5	64QAM	1	12	18.12	18.37	18.19		
5	64QAM	1	24	18.32	18.17	18.19		
5	64QAM	12	0	17.18	17.30	17.31	18.5	3
5	64QAM	12	7	17.08	17.25	17.13		
5	64QAM	12	13	17.28	17.21	17.28		
5	64QAM	25	0	17.22	17.27	17.42		
5	256QAM	1	0	15.13	15.32	15.33	16.5	5
5	256QAM	1	12	15.19	15.18	15.25		
5	256QAM	1	24	15.23	15.18	15.23		
5	256QAM	12	0	15.36	15.39	15.43	16.5	5
5	256QAM	12	7	15.00	15.39	15.33		
5	256QAM	12	13	15.10	15.30	15.14		
5	256QAM	25	0	15.19	15.31	15.16		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.34	20.34	20.28	21.5	0
3	QPSK	1	8	20.12	20.34	20.21		
3	QPSK	1	14	20.17	20.32	20.22		
3	QPSK	8	0	19.23	19.41	19.28	20.5	1
3	QPSK	8	4	19.30	19.32	19.20		
3	QPSK	8	7	19.28	19.31	19.26		
3	QPSK	15	0	19.25	19.30	19.32		
3	16QAM	1	0	19.12	19.26	19.23	20.5	1
3	16QAM	1	8	19.15	19.28	19.21		
3	16QAM	1	14	19.23	19.32	19.22		
3	16QAM	8	0	18.24	18.40	18.25	19.5	2
3	16QAM	8	4	18.21	18.34	18.28		
3	16QAM	8	7	18.30	18.23	18.29		
3	16QAM	15	0	18.31	18.38	18.38		
3	64QAM	1	0	18.13	18.39	18.15	19.5	2
3	64QAM	1	8	18.03	18.31	18.17		
3	64QAM	1	14	18.31	18.14	18.17		
3	64QAM	8	0	17.09	17.31	17.28	18.5	3
3	64QAM	8	4	17.16	17.30	17.13		
3	64QAM	8	7	17.22	17.27	17.18		
3	64QAM	15	0	17.17	17.29	17.42		
3	256QAM	1	0	15.11	15.29	15.23	16.5	5
3	256QAM	1	8	15.21	15.22	15.24		
3	256QAM	1	14	15.24	15.15	15.20		
3	256QAM	8	0	15.40	15.37	15.42	16.5	5
3	256QAM	8	4	15.02	15.34	15.34		
3	256QAM	8	7	15.14	15.16	15.12		
3	256QAM	15	0	15.21	15.30	15.15		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.19	20.27	20.23	21.5	0
1.4	QPSK	1	3	20.17	20.30	20.12		
1.4	QPSK	1	5	20.25	20.20	20.16		
1.4	QPSK	3	0	20.17	20.32	20.22		
1.4	QPSK	3	1	20.10	20.24	20.17		
1.4	QPSK	3	3	20.16	20.22	20.28		
1.4	QPSK	6	0	19.19	19.24	19.32	20.5	1
1.4	16QAM	1	0	19.16	19.25	19.15	20.5	1
1.4	16QAM	1	3	19.24	19.31	19.21		
1.4	16QAM	1	5	19.21	19.22	19.30		
1.4	16QAM	3	0	19.11	19.23	19.24		
1.4	16QAM	3	1	19.13	19.28	19.10		
1.4	16QAM	3	3	19.19	19.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.21	21.27	21.25	22.5	0
20	QPSK	1	49	21.13	21.18	21.14		
20	QPSK	1	99	21.03	21.19	21.11		
20	QPSK	50	0	20.21	20.31	20.23	21.5	1
20	QPSK	50	24	20.19	20.24	20.20		
20	QPSK	50	50	20.20	20.21	20.24		
20	QPSK	100	0	20.28	20.29	20.23		
20	16QAM	1	0	20.20	20.23	20.25	21.5	1
20	16QAM	1	49	20.23	20.27	20.25		
20	16QAM	1	99	20.19	20.28	20.18		
20	16QAM	50	0	19.27	19.29	19.23	20.5	2
20	16QAM	50	24	19.18	19.35	19.24		
20	16QAM	50	50	19.24	19.34	19.20		
20	16QAM	100	0	19.29	19.31	19.33		
20	64QAM	1	0	19.04	19.33	19.12	20.5	2
20	64QAM	1	49	19.03	19.33	19.22		
20	64QAM	1	99	19.31	19.08	19.19		
20	64QAM	50	0	18.02	18.30	18.33	19.5	3
20	64QAM	50	24	18.13	18.36	18.20		
20	64QAM	50	50	18.25	18.19	18.08		
20	64QAM	100	0	18.18	18.38	18.43		
20	256QAM	1	0	16.03	16.23	16.22	17.5	5
20	256QAM	1	49	16.12	16.15	16.23		
20	256QAM	1	99	16.22	16.11	16.34		
20	256QAM	50	0	16.36	16.46	16.36	17.5	5
20	256QAM	50	24	16.05	16.26	16.30		
20	256QAM	50	50	16.03	16.16	16.05		
20	256QAM	100	0	16.14	16.23	16.14		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.19	21.18	21.06	22.5	0
15	QPSK	1	37	21.06	21.11	21.06		
15	QPSK	1	74	21.00	21.18	21.12		
15	QPSK	36	0	20.13	20.24	20.16	21.5	1
15	QPSK	36	20	20.21	20.20	20.10		
15	QPSK	36	39	20.16	20.16	20.17		
15	QPSK	75	0	20.17	20.16	20.17		
15	16QAM	1	0	20.19	20.15	20.15	21.5	1
15	16QAM	1	37	20.20	20.11	20.18		
15	16QAM	1	74	20.18	20.15	20.17		
15	16QAM	36	0	19.22	19.29	19.15	20.5	2
15	16QAM	36	20	19.11	19.21	19.18		
15	16QAM	36	39	19.13	19.25	19.08		
15	16QAM	75	0	19.20	19.23	19.28		
15	64QAM	1	0	18.98	19.28	19.06	20.5	2
15	64QAM	1	37	19.01	19.25	19.15		
15	64QAM	1	74	19.16	18.99	19.15		
15	64QAM	36	0	17.98	18.30	18.23	19.5	3
15	64QAM	36	20	18.08	18.26	18.13		
15	64QAM	36	39	18.12	18.07	18.01		
15	64QAM	75	0	18.08	18.33	18.39		
15	256QAM	1	0	15.99	16.20	16.19	17.5	5
15	256QAM	1	37	16.09	16.05	16.14		
15	256QAM	1	74	16.16	16.09	16.22		
15	256QAM	36	0	16.31	16.38	16.27	17.5	5
15	256QAM	36	20	15.89	16.18	16.27		
15	256QAM	36	39	16.00	16.08	16.03		
15	256QAM	75	0	15.97	16.10	16.03		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.12	21.24	21.09	22.5	0
10	QPSK	1	25	20.98	21.07	21.08		
10	QPSK	1	49	21.04	21.18	21.10		
10	QPSK	25	0	20.23	20.22	20.19	21.5	1
10	QPSK	25	12	20.17	20.16	20.13		
10	QPSK	25	25	20.20	20.13	20.26		
10	QPSK	50	0	20.19	20.25	20.19		
10	16QAM	1	0	20.15	20.12	20.14	21.5	1
10	16QAM	1	25	20.11	20.12	20.23		
10	16QAM	1	49	20.13	20.14	20.13		
10	16QAM	25	0	19.11	19.23	19.10	20.5	2
10	16QAM	25	12	19.16	19.17	19.19		
10	16QAM	25	25	19.16	19.26	19.07		
10	16QAM	50	0	19.23	19.25	19.21		
10	64QAM	1	0	18.99	19.32	19.00	20.5	2
10	64QAM	1	25	19.01	19.31	19.20		
10	64QAM	1	49	19.21	19.02	19.13		
10	64QAM	25	0	17.93	18.28	18.26	19.5	3
10	64QAM	25	12	18.01	18.30	18.08		
10	64QAM	25	25	18.23	18.14	17.97		
10	64QAM	50	0	18.17	18.35	18.36		
10	256QAM	1	0	15.98	16.22	16.18	17.5	5
10	256QAM	1	25	16.10	16.06	16.21		
10	256QAM	1	49	16.22	16.13	16.23		
10	256QAM	25	0	16.24	16.40	16.29	17.5	5
10	256QAM	25	12	15.91	16.19	16.25		
10	256QAM	25	25	15.99	16.13	16.02		
10	256QAM	50	0	16.01	16.13	15.99		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.20	21.23	21.09	22.5	0
5	QPSK	1	12	21.06	21.03	21.02		
5	QPSK	1	24	21.00	21.16	21.07		
5	QPSK	12	0	20.17	20.27	20.16	21.5	1
5	QPSK	12	7	20.17	20.13	20.15		
5	QPSK	12	13	20.23	20.11	20.22		
5	QPSK	25	0	20.13	20.16	20.18		
5	16QAM	1	0	20.18	20.11	20.20	21.5	1
5	16QAM	1	12	20.10	20.18	20.22		
5	16QAM	1	24	20.15	20.14	20.18		
5	16QAM	12	0	19.20	19.34	19.11	20.5	2
5	16QAM	12	7	19.17	19.26	19.23		
5	16QAM	12	13	19.13	19.26	19.08		
5	16QAM	25	0	19.27	19.23	19.25		
5	64QAM	1	0	18.97	19.25	19.05	20.5	2
5	64QAM	1	12	18.99	19.31	19.16		
5	64QAM	1	24	19.21	18.95	19.16		
5	64QAM	12	0	17.97	18.27	18.19	19.5	3
5	64QAM	12	7	18.02	18.29	18.05		
5	64QAM	12	13	18.18	18.18	17.99		
5	64QAM	25	0	18.10	18.28	18.40		
5	256QAM	1	0	15.95	16.18	16.25	17.5	5
5	256QAM	1	12	16.05	16.11	16.16		
5	256QAM	1	24	16.11	16.11	16.19		
5	256QAM	12	0	16.22	16.35	16.35	17.5	5
5	256QAM	12	7	15.91	16.18	16.16		
5	256QAM	12	13	16.00	16.13	16.01		
5	256QAM	25	0	16.03	16.12	16.05		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.23	21.25	21.32	21.31	21.21	22.5	0
20	QPSK	1	49	21.12	21.21	21.08	21.13	21.09		
20	QPSK	1	99	21.02	21.18	21.13	21.17	21.20		
20	QPSK	50	0	20.22	20.26	20.31	20.27	20.28	21.5	1
20	QPSK	50	24	20.30	20.22	20.20	20.28	20.22		
20	QPSK	50	50	20.29	20.22	20.26	20.24	20.23		
20	QPSK	100	0	20.23	20.22	20.28	20.25	20.24		
20	16QAM	1	0	20.23	20.26	20.25	20.24	20.20	21.5	1
20	16QAM	1	49	20.20	20.23	20.25	20.22	20.31		
20	16QAM	1	99	20.25	20.20	20.25	20.24	20.27		
20	16QAM	50	0	19.22	19.37	19.25	19.33	19.16	20.5	2
20	16QAM	50	24	19.21	19.29	19.15	19.28	19.34		
20	16QAM	50	50	19.27	19.30	19.26	19.26	19.21		
20	16QAM	100	0	19.27	19.36	19.28	19.36	19.27		
20	64QAM	1	0	19.04	19.39	19.04	19.33	19.07	20.5	2
20	64QAM	1	49	19.06	19.39	19.11	19.35	19.25		
20	64QAM	1	99	19.29	19.11	19.28	19.11	19.26		
20	64QAM	50	0	18.08	18.37	18.07	18.29	18.26	19.5	3
20	64QAM	50	24	18.04	18.30	18.09	18.26	18.12		
20	64QAM	50	50	18.21	18.18	18.19	18.16	18.09		
20	64QAM	100	0	18.19	18.37	18.23	18.44	18.49		
20	256QAM	1	0	16.11	16.34	16.05	16.31	16.32	17.5	5
20	256QAM	1	49	16.16	16.16	16.17	16.16	16.23		
20	256QAM	1	99	16.24	16.13	16.25	16.17	16.34		
20	256QAM	50	0	16.28	16.46	16.37	16.41	16.41	17.5	5
20	256QAM	50	24	16.01	16.24	16.02	16.21	16.30		
20	256QAM	50	50	16.09	16.13	16.06	16.23	16.11		
20	256QAM	100	0	16.08	16.14	16.08	16.20	16.07		
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	21.17	21.21	21.17	21.17	21.09	23	0
15	QPSK	1	37	21.01	21.11	21.09	21.07	21.00		
15	QPSK	1	74	20.99	21.09	21.04	21.17	21.16		
15	QPSK	36	0	20.13	20.26	20.20	20.23	20.19	21.5	1
15	QPSK	36	20	20.12	20.13	20.17	20.10	20.18		
15	QPSK	36	39	20.12	20.18	20.21	20.14	20.20		
15	QPSK	75	0	20.16	20.19	20.21	20.17	20.19		
15	16QAM	1	0	20.18	20.08	20.21	20.09	20.19	21.5	1
15	16QAM	1	37	20.09	20.15	20.14	20.15	20.20		
15	16QAM	1	74	20.17	20.15	20.16	20.18	20.11		
15	16QAM	36	0	19.21	19.23	19.17	19.24	19.10	20.5	2
15	16QAM	36	20	19.13	19.26	19.10	19.23	19.21		
15	16QAM	36	39	19.18	19.26	19.18	19.17	19.18		
15	16QAM	75	0	19.22	19.22	19.22	19.26	19.26		
15	64QAM	1	0	18.96	19.27	18.99	19.28	18.98	20.5	2
15	64QAM	1	37	18.99	19.25	19.04	19.25	19.19		
15	64QAM	1	74	19.13	18.98	19.24	18.96	19.19		
15	64QAM	36	0	17.93	18.24	17.96	18.29	18.24	19.5	3
15	64QAM	36	20	18.00	18.28	18.07	18.20	18.10		
15	64QAM	36	39	18.14	18.11	18.17	18.15	17.97		
15	64QAM	75	0	18.13	18.34	18.13	18.28	18.38		
15	256QAM	1	0	15.95	16.25	15.99	16.24	16.23	17.5	5
15	256QAM	1	37	16.12	16.07	16.04	16.12	16.20		
15	256QAM	1	74	16.20	16.07	16.20	16.10	16.18		
15	256QAM	36	0	16.24	16.28	16.28	16.31	16.31	17.5	5
15	256QAM	36	20	15.91	16.20	15.91	16.09	16.16		
15	256QAM	36	39	16.01	16.10	15.97	16.11	15.98		
15	256QAM	75	0	16.05	16.13	15.98	16.11	16.04		
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	21.19	21.13	21.25	21.05	23	0
10	QPSK	1	25	21.03	21.13	20.98	21.09	21.01		
10	QPSK	1	49	21.07	21.17	20.97	21.20	21.09		
10	QPSK	25	0	20.23	20.19	20.22	20.25	20.17	21.5	1
10	QPSK	25	12	20.17	20.11	20.23	20.13	20.09		
10	QPSK	25	25	20.12	20.16	20.15	20.21	20.20		
10	QPSK	50	0	20.17	20.23	20.24	20.19	20.21		
10	16QAM	1	0	20.23	20.16	20.15	20.20	20.15	21.5	1
10	16QAM	1	25	20.09	20.13	20.15	20.20	20.21		
10	16QAM	1	49	20.17	20.16	20.15	20.16	20.20		
10	16QAM	25	0	19.16	19.27	19.15	19.31	19.07	20.5	2
10	16QAM	25	12	19.10	19.24	19.18	19.17	19.21		
10	16QAM	25	25	19.23	19.20	19.14	19.16	19.18		
10	16QAM	50	0	19.19	19.25	19.23	19.25	19.17		
10	64QAM	1	0	18.98	19.22	19.00	19.22	18.98	20.5	2
10	64QAM	1	25	19.00	19.25	19.01	19.33	19.18		
10	64QAM	1	49	19.21	19.04	19.16	18.98	19.16		
10	64QAM	25	0	17.97	18.22	18.01	18.21	18.20	19.5	3
10	64QAM	25	12	18.06	18.26	18.02	18.23	18.02		
10	64QAM	25	25	18.13	18.11	18.23	18.16	18.05		
10	64QAM	50	0	18.14	18.28	18.07	18.34	18.36		
10	256QAM	1	0	15.97	16.24	15.95	16.24	16.23	17.5	5
10	256QAM	1	25	16.10	16.04	16.06	16.09	16.20		
10	256QAM	1	49	16.20	16.10	16.10	16.11	16.29		
10	256QAM	25	0	16.27	16.31	16.27	16.35	16.32	17.5	5
10	256QAM	25	12	15.94	16.18	15.96	16.15	16.20		
10	256QAM	25	25	15.97	16.06	16.00	16.15	16.06		
10	256QAM	50	0	16.00	16.12	16.08	16.09	16.06		
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	21.21	21.18	21.13	21.20	21.08	23	0
5	QPSK	1	12	21.03	21.08	21.05	21.09	21.02		
5	QPSK	1	24	20.98	21.09	21.01	21.13	21.05		
5	QPSK	12	0	20.14	20.22	20.16	20.26	20.23	21.5	1
5	QPSK	12	7	20.18	20.14	20.21	20.10	20.15		
5	QPSK	12	13	20.13	20.16	20.19	20.11	20.18		
5	QPSK	25	0	20.21	20.24	20.21	20.22	20.22		
5	16QAM	1	0	20.19	20.19	20.18	20.14	20.17	21.5	1
5	16QAM	1	12	20.16	20.16	20.18	20.17	20.22		
5	16QAM	1	24	20.18	20.18	20.15	20.16	20.14		
5	16QAM	12	0	19.16	19.27	19.15	19.33	19.06	20.5	2
5	16QAM	12	7	19.17	19.24	19.11	19.17	19.21		
5	16QAM	12	13	19.18	19.22	19.15	19.19	19.09		
5	16QAM	25	0	19.20	19.20	19.21	19.20	19.24		
5	64QAM	1	0	19.04	19.26	18.98	19.30	19.01	20.5	2
5	64QAM	1	12	18.94	19.27	19.01	19.29	19.12		
5	64QAM	1	24	19.14	19.05	19.25	19.00	19.11		
5	64QAM	12	0	17.93	18.33	17.90	18.31	18.20	19.5	3
5	64QAM	12	7	18.03	18.20	18.00	18.18	18.13		
5	64QAM	12	13	18.18	18.09	18.21	18.11	18.02		
5	64QAM	25	0	18.09	18.35	18.06	18.31	18.42		
5	256QAM	1	0	16.01	16.23	15.92	16.22	16.21	17.5	5
5	256QAM	1	12	16.09	16.02	16.12	16.04	16.19		
5	256QAM	1	24	16.17	16.04	16.11	16.14	16.28		
5	256QAM	12	0	16.27	16.32	16.25	16.35	16.29	17.5	5
5	256QAM	12	7	15.91	16.18	15.97	16.14	16.21		
5	256QAM	12	13	16.05	16.10	16.04	16.15	16.07		
5	256QAM	25	0	16.07	16.14	15.98	16.17	16.05		

GSM850 Ant1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.55	31.49	31.34	32.50	22.55	22.49	22.34	23.50
GPRS 1 Tx slot	31.51	31.47	31.32	32.50	22.51	22.47	22.32	23.50
GPRS 2 Tx slots	30.73	30.69	30.55	31.50	24.73	24.69	24.55	25.50
GPRS 3 Tx slots	28.94	28.96	28.83	30.00	24.68	24.70	24.57	25.74
GPRS 4 Tx slots	27.80	27.81	27.74	29.00	24.80	24.81	24.74	26.00
EDGE 1 Tx slot	25.96	26.05	26.12	27.00	16.96	17.05	17.12	18.00
EDGE 2 Tx slots	24.86	24.87	24.96	26.00	18.86	18.87	18.96	20.00
EDGE 3 Tx slots	22.63	22.66	22.75	23.50	18.37	18.40	18.49	19.24
EDGE 4 Tx slots	21.35	21.45	21.49	22.50	18.35	18.45	18.49	19.50

GSM1900 Ant1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.00	26.95	27.11	28.00	18.00	17.95	18.11	19.00
GPRS 1 Tx slot	26.95	26.93	27.05	28.00	17.95	17.93	18.05	19.00
GPRS 2 Tx slots	26.20	26.17	26.30	27.50	20.20	20.17	20.30	21.50
GPRS 3 Tx slots	24.45	24.44	24.58	25.50	20.19	20.18	20.32	21.24
GPRS 4 Tx slots	23.42	23.46	23.43	24.50	20.42	20.46	20.43	21.50
EDGE 1 Tx slot	23.41	23.56	23.45	24.50	14.41	14.56	14.45	15.50
EDGE 2 Tx slots	22.35	22.48	22.33	23.50	16.35	16.48	16.33	17.50
EDGE 3 Tx slots	20.16	20.35	20.21	21.50	15.90	16.09	15.95	17.24
EDGE 4 Tx slots	19.24	19.19	19.02	20.00	16.24	16.19	16.02	17.00

Band		WCDMA II Ant1			Tune-up Limit (dBm)	WCDMA IV Ant1			Tune-up Limit (dBm)	WCDMA V Ant1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.76	20.74	20.69	22.00	20.69	20.68	20.55	22.00	22.50	22.44	22.29	24.00
3GPP Rel 99	RMC 12.2Kbps	20.81	20.85	20.79	22.00	20.67	20.75	20.74	22.00	22.54	22.58	22.55	24.00
3GPP Rel 6	HSDPA Subtest-1	19.81	19.77	19.68	21.00	19.68	19.78	19.64	21.00	21.51	21.49	21.40	23.00
3GPP Rel 6	HSDPA Subtest-2	19.85	19.79	19.78	21.00	19.71	19.80	19.69	21.00	21.50	21.52	21.47	23.00
3GPP Rel 6	HSDPA Subtest-3	19.27	19.39	19.12	20.50	19.25	19.34	19.10	20.50	20.97	21.04	20.90	22.50
3GPP Rel 6	HSDPA Subtest-4	19.37	19.34	19.17	20.50	19.32	19.26	19.07	20.50	21.07	21.08	20.82	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.78	19.84	19.65	21.00	19.72	19.84	19.58	21.00	21.53	21.53	21.39	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.84	19.70	19.72	21.00	19.74	19.70	19.58	21.00	21.59	21.49	21.43	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.24	19.33	19.29	20.50	19.20	19.25	19.14	20.50	21.00	21.04	21.01	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.36	19.35	19.27	20.50	19.23	19.30	19.21	20.50	21.06	21.03	20.94	22.50
3GPP Rel 6	HSUPA Subtest-1	19.78	19.70	19.64	21.00	19.70	19.72	19.67	21.00	21.55	21.44	21.42	23.00
3GPP Rel 6	HSUPA Subtest-2	17.84	17.75	17.69	19.00	17.74	17.64	17.61	19.00	19.57	19.45	19.30	21.00
3GPP Rel 6	HSUPA Subtest-3	18.85	18.80	18.79	20.00	18.78	18.77	18.73	20.00	20.63	20.55	20.49	22.00
3GPP Rel 6	HSUPA Subtest-4	17.93	17.83	17.81	19.00	17.80	17.68	17.69	19.00	19.55	19.46	19.47	21.00
3GPP Rel 6	HSUPA Subtest-5	19.84	19.82	19.85	21.00	19.65	19.70	19.68	21.00	21.49	21.55	21.47	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.46	17.43	17.41	18.50	17.35	17.39	17.41	18.50	19.10	19.23	19.19	20.50

Band 2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.51	20.55	20.50	21.5	0
20	QPSK	1	49	20.40	20.52	20.49		
20	QPSK	1	99	20.51	20.53	20.46		
20	QPSK	50	0	19.36	19.46	19.41	20.5	1
20	QPSK	50	24	19.37	19.43	19.31		
20	QPSK	50	50	19.39	19.42	19.37		
20	QPSK	100	0	19.33	19.41	19.38		
20	16QAM	1	0	19.72	19.86	19.82	20.5	1
20	16QAM	1	49	19.75	19.85	19.82		
20	16QAM	1	99	19.83	19.86	19.74		
20	16QAM	50	0	18.38	18.44	18.36	19.5	2
20	16QAM	50	24	18.31	18.43	18.33		
20	16QAM	50	50	18.30	18.42	18.37		
20	16QAM	100	0	18.38	18.42	18.31		
20	64QAM	1	0	18.53	18.66	18.59	19.5	2
20	64QAM	1	49	18.52	18.62	18.54		
20	64QAM	1	99	18.54	18.65	18.62		
20	64QAM	50	0	17.43	17.47	17.35	18.5	3
20	64QAM	50	24	17.41	17.46	17.42		
20	64QAM	50	50	17.37	17.45	17.36		
20	64QAM	100	0	17.32	17.36	17.34		
20	256QAM	1	0	15.43	15.56	15.45	16.5	5
20	256QAM	1	49	15.41	15.54	15.49		
20	256QAM	1	99	15.48	15.51	15.42		
20	256QAM	50	0	15.31	15.39	15.27	16.5	5
20	256QAM	50	24	15.26	15.36	15.23		
20	256QAM	50	50	15.26	15.37	15.24		
20	256QAM	100	0	15.26	15.38	15.24		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.48	20.49	20.40	21.5	0
15	QPSK	1	37	20.33	20.41	20.36		
15	QPSK	1	74	20.44	20.45	20.34		
15	QPSK	36	0	19.30	19.37	19.35	20.5	1
15	QPSK	36	20	19.24	19.34	19.19		
15	QPSK	36	39	19.31	19.28	19.33		
15	QPSK	75	0	19.27	19.29	19.34		
15	16QAM	1	0	19.66	19.78	19.77	20.5	1
15	16QAM	1	37	19.65	19.80	19.72		
15	16QAM	1	74	19.79	19.80	19.67		
15	16QAM	36	0	18.30	18.35	18.24	19.5	2
15	16QAM	36	20	18.17	18.34	18.20		
15	16QAM	36	39	18.19	18.35	18.29		
15	16QAM	75	0	18.26	18.30	18.18		
15	64QAM	1	0	18.39	18.55	18.50	19.5	2
15	64QAM	1	37	18.45	18.53	18.44		
15	64QAM	1	74	18.44	18.61	18.57		
15	64QAM	36	0	17.30	17.37	17.23	18.5	3
15	64QAM	36	20	17.37	17.33	17.29		
15	64QAM	36	39	17.31	17.35	17.32		
15	64QAM	75	0	17.27	17.27	17.24		
15	256QAM	1	0	15.39	15.44	15.38	16.5	5
15	256QAM	1	37	15.32	15.49	15.42		
15	256QAM	1	74	15.43	15.39	15.33		
15	256QAM	36	0	15.25	15.26	15.15	16.5	5
15	256QAM	36	20	15.20	15.30	15.16		
15	256QAM	36	39	15.22	15.33	15.15		
15	256QAM	75	0	15.13	15.30	15.14		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.49	20.49	20.43	21.5	0
10	QPSK	1	25	20.29	20.47	20.44		
10	QPSK	1	49	20.48	20.44	20.35		
10	QPSK	25	0	19.23	19.39	19.33	20.5	1
10	QPSK	25	12	19.31	19.39	19.21		
10	QPSK	25	25	19.37	19.35	19.30		
10	QPSK	50	0	19.24	19.37	19.30		
10	16QAM	1	0	19.62	19.76	19.71	20.5	1
10	16QAM	1	25	19.68	19.82	19.73		
10	16QAM	1	49	19.77	19.73	19.63		
10	16QAM	25	0	18.26	18.30	18.31	19.5	2
10	16QAM	25	12	18.18	18.29	18.24		
10	16QAM	25	25	18.23	18.28	18.31		
10	16QAM	50	0	18.24	18.40	18.20		
10	64QAM	1	0	18.51	18.54	18.55	19.5	2
10	64QAM	1	25	18.46	18.55	18.51		
10	64QAM	1	49	18.46	18.51	18.54		
10	64QAM	25	0	17.38	17.43	17.29	18.5	3
10	64QAM	25	12	17.30	17.33	17.38		
10	64QAM	25	25	17.26	17.36	17.29		
10	64QAM	50	0	17.29	17.26	17.27		
10	256QAM	1	0	15.32	15.44	15.39	16.5	5
10	256QAM	1	25	15.38	15.44	15.45		
10	256QAM	1	49	15.41	15.48	15.29		
10	256QAM	25	0	15.18	15.37	15.15	16.5	5
10	256QAM	25	12	15.22	15.33	15.20		
10	256QAM	25	25	15.20	15.25	15.15		
10	256QAM	50	0	15.13	15.32	15.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.40	20.49	20.42	21.5	0
5	QPSK	1	12	20.35	20.41	20.36		
5	QPSK	1	24	20.37	20.51	20.34		
5	QPSK	12	0	19.26	19.37	19.32	20.5	1
5	QPSK	12	7	19.32	19.39	19.29		
5	QPSK	12	13	19.33	19.31	19.26		
5	QPSK	25	0	19.25	19.32	19.33		
5	16QAM	1	0	19.67	19.76	19.76	20.5	1
5	16QAM	1	12	19.63	19.82	19.71		
5	16QAM	1	24	19.75	19.83	19.70		
5	16QAM	12	0	18.33	18.37	18.29	19.5	2
5	16QAM	12	7	18.27	18.31	18.19		
5	16QAM	12	13	18.19	18.33	18.24		
5	16QAM	25	0	18.29	18.30	18.27		
5	64QAM	1	0	18.49	18.60	18.53	19.5	2
5	64QAM	1	12	18.47	18.55	18.47		
5	64QAM	1	24	18.49	18.52	18.50		
5	64QAM	12	0	17.29	17.45	17.30	18.5	3
5	64QAM	12	7	17.29	17.38	17.33		
5	64QAM	12	13	17.28	17.36	17.27		
5	64QAM	25	0	17.21	17.33	17.29		
5	256QAM	1	0	15.31	15.45	15.34	16.5	5
5	256QAM	1	12	15.34	15.49	15.44		
5	256QAM	1	24	15.34	15.47	15.36		
5	256QAM	12	0	15.22	15.36	15.22	16.5	5
5	256QAM	12	7	15.14	15.23	15.09		
5	256QAM	12	13	15.12	15.31	15.11		
5	256QAM	25	0	15.17	15.31	15.11		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.43	20.52	20.41	21.5	0
3	QPSK	1	8	20.38	20.43	20.38		
3	QPSK	1	14	20.39	20.44	20.43		
3	QPSK	8	0	19.23	19.42	19.36	20.5	1
3	QPSK	8	4	19.34	19.30	19.23		
3	QPSK	8	7	19.28	19.38	19.26		
3	QPSK	15	0	19.23	19.35	19.30		
3	16QAM	1	0	19.67	19.80	19.77	20.5	1
3	16QAM	1	8	19.72	19.77	19.76		
3	16QAM	1	14	19.81	19.83	19.62		
3	16QAM	8	0	18.25	18.31	18.34	19.5	2
3	16QAM	8	4	18.24	18.38	18.28		
3	16QAM	8	7	18.26	18.38	18.33		
3	16QAM	15	0	18.27	18.33	18.20		
3	64QAM	1	0	18.46	18.59	18.57	19.5	2
3	64QAM	1	8	18.44	18.56	18.48		
3	64QAM	1	14	18.47	18.58	18.58		
3	64QAM	8	0	17.34	17.42	17.26	18.5	3
3	64QAM	8	4	17.31	17.40	17.35		
3	64QAM	8	7	17.23	17.33	17.30		
3	64QAM	15	0	17.18	17.28	17.20		
3	256QAM	1	0	15.30	15.49	15.36	16.5	5
3	256QAM	1	8	15.33	15.41	15.38		
3	256QAM	1	14	15.44	15.39	15.40		
3	256QAM	8	0	15.26	15.32	15.14	16.5	5
3	256QAM	8	4	15.18	15.24	15.12		
3	256QAM	8	7	15.14	15.31	15.17		
3	256QAM	15	0	15.18	15.28	15.16		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.47	20.44	20.41	21.5	0
1.4	QPSK	1	3	20.32	20.47	20.42		
1.4	QPSK	1	5	20.41	20.46	20.42		
1.4	QPSK	3	0	20.44	20.52	20.36		
1.4	QPSK	3	1	20.26	20.46	20.43		
1.4	QPSK	3	3	20.43	20.44	20.43		
1.4	QPSK	6	0	19.26	19.43	19.27	20.5	1
1.4	16QAM	1	0	19.29	19.34	19.18	20.5	1
1.4	16QAM	1	3	19.32	19.37	19.33		
1.4	16QAM	1	5	19.31	19.37	19.28		
1.4	16QAM	3	0	19.58	19.75	19.79		
1.4	16QAM	3	1	19.64	19.73	19.71		
1.4	16QAM	3	3	19.80	19.78	19.63		
1.4	16QAM	6	0	18.25	18.38	18.24	19.5	2
1.4	64QAM	1	0	18.23	18.33	18.28	19.5	2
1.4	64QAM	1	3	18.25	18.30	18.28		
1.4	64QAM	1	5	18.26	18.32	18.26		
1.4	64QAM	3	0	18.36	18.37	18.33		
1.4	64QAM	3	1	18.28	18.40	18.21		
1.4	64QAM	3	3	18.25	18.36	18.26		
1.4	64QAM	6	0	17.34	17.41	17.37	18.5	3
1.4	256QAM	1	0	15.32	15.48	15.31	16.5	5
1.4	256QAM	1	3	15.34	15.44	15.42		
1.4	256QAM	1	5	15.43	15.41	15.31		
1.4	256QAM	3	0	15.23	15.29	15.24		
1.4	256QAM	3	1	15.21	15.24	15.18		
1.4	256QAM	3	3	15.13	15.24	15.15		
1.4	256QAM	6	0	15.17	15.26	15.11	16.5	5

Band 4 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.37	20.46	20.39	21.5	0
20	QPSK	1	49	20.34	20.40	20.41		
20	QPSK	1	99	20.39	20.43	20.36		
20	QPSK	50	0	19.28	19.42	19.36	20.5	1
20	QPSK	50	24	19.25	19.35	19.19		
20	QPSK	50	50	19.29	19.28	19.30		
20	QPSK	100	0	19.31	19.39	19.27		
20	16QAM	1	0	19.66	19.79	19.77	20.5	1
20	16QAM	1	49	19.68	19.75	19.67		
20	16QAM	1	99	19.73	19.81	19.68		
20	16QAM	50	0	18.25	18.34	18.21	19.5	2
20	16QAM	50	24	18.20	18.33	18.28		
20	16QAM	50	50	18.23	18.28	18.26		
20	16QAM	100	0	18.30	18.36	18.26		
20	64QAM	1	0	18.42	18.51	18.46	19.5	2
20	64QAM	1	49	18.37	18.55	18.49		
20	64QAM	1	99	18.41	18.53	18.46		
20	64QAM	50	0	17.34	17.33	17.22	18.5	3
20	64QAM	50	24	17.31	17.30	17.35		
20	64QAM	50	50	17.22	17.31	17.24		
20	64QAM	100	0	17.24	17.24	17.24		
20	256QAM	1	0	15.33	15.50	15.31	16.5	5
20	256QAM	1	49	15.35	15.44	15.45		
20	256QAM	1	99	15.34	15.44	15.31		
20	256QAM	50	0	15.26	15.31	15.21	16.5	5
20	256QAM	50	24	15.13	15.30	15.09		
20	256QAM	50	50	15.15	15.31	15.19		
20	256QAM	100	0	15.11	15.23	15.15		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.42	20.42	20.38	21.5	0
15	QPSK	1	37	20.31	20.45	20.42		
15	QPSK	1	74	20.45	20.42	20.37		
15	QPSK	36	0	19.21	19.41	19.28	20.5	1
15	QPSK	36	20	19.25	19.31	19.24		
15	QPSK	36	39	19.31	19.30	19.32		
15	QPSK	75	0	19.21	19.29	19.26		
15	16QAM	1	0	19.67	19.76	19.76	20.5	1
15	16QAM	1	37	19.66	19.77	19.67		
15	16QAM	1	74	19.75	19.79	19.70		
15	16QAM	36	0	18.31	18.36	18.30	19.5	2
15	16QAM	36	20	18.20	18.32	18.29		
15	16QAM	36	39	18.17	18.27	18.31		
15	16QAM	75	0	18.30	18.31	18.16		
15	64QAM	1	0	18.45	18.60	18.48	19.5	2
15	64QAM	1	37	18.43	18.55	18.49		
15	64QAM	1	74	18.48	18.59	18.55		
15	64QAM	36	0	17.35	17.32	17.24	18.5	3
15	64QAM	36	20	17.28	17.41	17.26		
15	64QAM	36	39	17.23	17.31	17.24		
15	64QAM	75	0	17.16	17.24	17.28		
15	256QAM	1	0	15.28	15.46	15.33	16.5	5
15	256QAM	1	37	15.25	15.41	15.45		
15	256QAM	1	74	15.43	15.36	15.36		
15	256QAM	36	0	15.22	15.30	15.19	16.5	5
15	256QAM	36	20	15.17	15.29	15.12		
15	256QAM	36	39	15.14	15.30	15.14		
15	256QAM	75	0	15.21	15.30	15.19		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.43	20.41	20.44	21.5	0
10	QPSK	1	25	20.26	20.42	20.40		
10	QPSK	1	49	20.39	20.40	20.38		
10	QPSK	25	0	19.25	19.33	19.25	20.5	1
10	QPSK	25	12	19.27	19.28	19.22		
10	QPSK	25	25	19.26	19.30	19.22		
10	QPSK	50	0	19.20	19.26	19.26		
10	16QAM	1	0	19.57	19.82	19.75	20.5	1
10	16QAM	1	25	19.70	19.70	19.69		
10	16QAM	1	49	19.71	19.77	19.61		
10	16QAM	25	0	18.34	18.32	18.22	19.5	2
10	16QAM	25	12	18.16	18.33	18.21		
10	16QAM	25	25	18.25	18.34	18.27		
10	16QAM	50	0	18.31	18.28	18.27		
10	64QAM	1	0	18.40	18.57	18.52	19.5	2
10	64QAM	1	25	18.42	18.52	18.42		
10	64QAM	1	49	18.46	18.49	18.52		
10	64QAM	25	0	17.27	17.31	17.20	18.5	3
10	64QAM	25	12	17.34	17.39	17.37		
10	64QAM	25	25	17.27	17.34	17.27		
10	64QAM	50	0	17.23	17.31	17.28		
10	256QAM	1	0	15.38	15.45	15.31	16.5	5
10	256QAM	1	25	15.26	15.49	15.45		
10	256QAM	1	49	15.38	15.41	15.32		
10	256QAM	25	0	15.19	15.25	15.11	16.5	5
10	256QAM	25	12	15.13	15.31	15.18		
10	256QAM	25	25	15.20	15.32	15.10		
10	256QAM	50	0	15.17	15.31	15.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.42	20.41	20.37	21.5	0
5	QPSK	1	12	20.26	20.38	20.38		
5	QPSK	1	24	20.41	20.43	20.40		
5	QPSK	12	0	19.27	19.39	19.30	20.5	1
5	QPSK	12	7	19.31	19.33	19.18		
5	QPSK	12	13	19.32	19.34	19.32		
5	QPSK	25	0	19.28	19.36	19.29		
5	16QAM	1	0	19.56	19.78	19.69	20.5	1
5	16QAM	1	12	19.61	19.77	19.67		
5	16QAM	1	24	19.75	19.73	19.63		
5	16QAM	12	0	18.27	18.33	18.22	19.5	2
5	16QAM	12	7	18.23	18.35	18.24		
5	16QAM	12	13	18.21	18.27	18.33		
5	16QAM	25	0	18.27	18.29	18.19		
5	64QAM	1	0	18.47	18.54	18.47	19.5	2
5	64QAM	1	12	18.39	18.46	18.46		
5	64QAM	1	24	18.50	18.51	18.57		
5	64QAM	12	0	17.27	17.32	17.28	18.5	3
5	64QAM	12	7	17.32	17.38	17.33		
5	64QAM	12	13	17.24	17.40	17.24		
5	64QAM	25	0	17.16	17.21	17.21		
5	256QAM	1	0	15.27	15.52	15.37	16.5	5
5	256QAM	1	12	15.27	15.42	15.42		
5	256QAM	1	24	15.43	15.42	15.31		
5	256QAM	12	0	15.20	15.26	15.19	16.5	5
5	256QAM	12	7	15.10	15.29	15.18		
5	256QAM	12	13	15.15	15.23	15.10		
5	256QAM	25	0	15.21	15.23	15.10		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.41	20.41	20.41	21.5	0
3	QPSK	1	8	20.32	20.38	20.37		
3	QPSK	1	14	20.38	20.42	20.42		
3	QPSK	8	0	19.27	19.31	19.32	20.5	1
3	QPSK	8	4	19.30	19.34	19.16		
3	QPSK	8	7	19.33	19.36	19.31		
3	QPSK	15	0	19.27	19.34	19.34		
3	16QAM	1	0	19.67	19.70	19.67	20.5	1
3	16QAM	1	8	19.59	19.71	19.77		
3	16QAM	1	14	19.68	19.75	19.63		
3	16QAM	8	0	18.26	18.38	18.21	19.5	2
3	16QAM	8	4	18.23	18.33	18.27		
3	16QAM	8	7	18.22	18.32	18.23		
3	16QAM	15	0	18.28	18.38	18.24		
3	64QAM	1	0	18.38	18.62	18.46	19.5	2
3	64QAM	1	8	18.43	18.49	18.40		
3	64QAM	1	14	18.40	18.59	18.53		
3	64QAM	8	0	17.27	17.41	17.23	18.5	3
3	64QAM	8	4	17.32	17.38	17.26		
3	64QAM	8	7	17.33	17.30	17.21		
3	64QAM	15	0	17.22	17.21	17.23		
3	256QAM	1	0	15.37	15.47	15.31	16.5	5
3	256QAM	1	8	15.35	15.45	15.35		
3	256QAM	1	14	15.39	15.36	15.26		
3	256QAM	8	0	15.16	15.28	15.17	16.5	5
3	256QAM	8	4	15.20	15.30	15.18		
3	256QAM	8	7	15.11	15.27	15.19		
3	256QAM	15	0	15.21	15.33	15.14		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.33	20.29	20.31	21.5	0
1.4	QPSK	1	3	20.17	20.35	20.37		
1.4	QPSK	1	5	20.26	20.32	20.29		
1.4	QPSK	3	0	20.31	20.41	20.21		
1.4	QPSK	3	1	20.12	20.35	20.36		
1.4	QPSK	3	3	20.35	20.38	20.37		
1.4	QPSK	6	0	19.15	19.32	19.16	20.5	1
1.4	16QAM	1	0	19.23	19.27	19.11	20.5	1
1.4	16QAM	1	3	19.20	19.28	19.21		
1.4	16QAM	1	5	19.22	19.32	19.16		
1.4	16QAM	3	0	19.42	19.70	19.68		
1.4	16QAM	3	1	19.60	19.67	19.65		
1.4	16QAM	3	3	19.71	19.64	19.56		
1.4	16QAM	6	0	18.16	18.22	18.18	19.5	2
1.4	64QAM	1	0	18.17	18.28	18.17	19.5	2
1.4	64QAM	1	3	18.18	18.19	18.20		
1.4	64QAM	1	5	18.18	18.24	18.13		
1.4	64QAM	3	0	18.26	18.32	18.22		
1.4	64QAM	3	1	18.13	18.28	18.15		
1.4	64QAM	3	3	18.16	18.26	18.19		
1.4	64QAM	6	0	17.29	17.31	17.32	18.5	3
1.4	256QAM	1	0	15.18	15.36	15.16	16.5	5
1.4	256QAM	1	3	15.20	15.37	15.31		
1.4	256QAM	1	5	15.30	15.30	15.16		
1.4	256QAM	3	0	15.14	15.20	15.19		
1.4	256QAM	3	1	15.05	15.16	15.11		
1.4	256QAM	3	3	15.05	15.17	15.07		
1.4	256QAM	6	0	15.02	15.10	15.02	16.5	5

Band 5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.45	22.49	22.40	24	0
10	QPSK	1	25	22.33	22.35	22.41		
10	QPSK	1	49	22.39	22.47	22.31		
10	QPSK	25	0	21.37	21.47	21.39	23	1
10	QPSK	25	12	21.22	21.35	21.22		
10	QPSK	25	25	21.24	21.32	21.28		
10	QPSK	50	0	21.33	21.45	21.31		
10	16QAM	1	0	21.63	21.82	21.79	23	1
10	16QAM	1	25	21.73	21.78	21

Band 7 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.66	21.76	21.67	23	0
20	QPSK	1	49	21.55	21.73	21.60		
20	QPSK	1	99	21.62	21.69	21.55		
20	QPSK	50	0	20.68	20.71	20.62	22	1
20	QPSK	50	24	20.51	20.63	20.54		
20	QPSK	50	50	20.50	20.56	20.56		
20	QPSK	100	0	20.62	20.65	20.59		
20	16QAM	1	0	20.85	20.92	20.97	22	1
20	16QAM	1	49	20.98	21.01	20.91		
20	16QAM	1	99	20.96	21.04	20.83		
20	16QAM	50	0	19.52	19.59	19.51	21	2
20	16QAM	50	24	19.44	19.60	19.46		
20	16QAM	50	50	19.51	19.59	19.59		
20	16QAM	100	0	19.48	19.65	19.50		
20	64QAM	1	0	19.72	19.79	19.72	21	2
20	64QAM	1	49	19.76	19.74	19.68		
20	64QAM	1	99	19.66	19.88	19.86		
20	64QAM	50	0	18.65	18.59	18.51	20	3
20	64QAM	50	24	18.53	18.61	18.59		
20	64QAM	50	50	18.48	18.61	18.55		
20	64QAM	100	0	18.38	18.46	18.47		
20	256QAM	1	0	16.58	16.66	16.68	18	5
20	256QAM	1	49	16.53	16.65	16.75		
20	256QAM	1	99	16.65	16.69	16.68		
20	256QAM	50	0	16.45	16.44	16.52	18	5
20	256QAM	50	24	16.34	16.56	16.38		
20	256QAM	50	50	16.35	16.49	16.47		
20	256QAM	100	0	16.39	16.62	16.36		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.65	21.67	21.62	23	0
15	QPSK	1	37	21.61	21.72	21.64		
15	QPSK	1	74	21.56	21.64	21.58		
15	QPSK	36	0	20.57	20.57	20.56	22	1
15	QPSK	36	20	20.61	20.58	20.48		
15	QPSK	36	39	20.51	20.51	20.58		
15	QPSK	75	0	20.37	20.63	20.55		
15	16QAM	1	0	20.90	20.98	20.94	22	1
15	16QAM	1	37	20.97	21.01	20.99		
15	16QAM	1	74	21.03	21.06	20.91		
15	16QAM	36	0	19.54	19.65	19.46	21	2
15	16QAM	36	20	19.43	19.58	19.45		
15	16QAM	36	39	19.46	19.63	19.51		
15	16QAM	75	0	19.52	19.55	19.50		
15	64QAM	1	0	19.68	19.78	19.75	21	2
15	64QAM	1	37	19.72	19.71	19.75		
15	64QAM	1	74	19.63	19.81	19.75		
15	64QAM	36	0	18.62	18.55	18.54	20	3
15	64QAM	36	20	18.54	18.60	18.63		
15	64QAM	36	39	18.52	18.59	18.55		
15	64QAM	75	0	18.43	18.46	18.44		
15	256QAM	1	0	16.61	16.78	16.66	18	5
15	256QAM	1	37	16.49	16.73	16.67		
15	256QAM	1	74	16.61	16.74	16.67		
15	256QAM	36	0	16.52	16.48	16.45	18	5
15	256QAM	36	20	16.35	16.55	16.39		
15	256QAM	36	39	16.33	16.57	16.47		
15	256QAM	75	0	16.46	16.54	16.40		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.61	21.64	21.61	23	0
10	QPSK	1	25	21.59	21.63	21.58		
10	QPSK	1	49	21.64	21.67	21.51		
10	QPSK	25	0	20.51	20.59	20.54	22	1
10	QPSK	25	12	20.60	20.64	20.57		
10	QPSK	25	25	20.53	20.53	20.53		
10	QPSK	50	0	20.45	20.59	20.53		
10	16QAM	1	0	20.81	20.94	21.02	22	1
10	16QAM	1	25	20.98	21.06	20.96		
10	16QAM	1	49	20.95	20.97	20.84		
10	16QAM	25	0	19.54	19.65	19.52	21	2
10	16QAM	25	12	19.49	19.61	19.47		
10	16QAM	25	25	19.48	19.60	19.56		
10	16QAM	50	0	19.52	19.60	19.46		
10	64QAM	1	0	19.74	19.80	19.68	21	2
10	64QAM	1	25	19.74	19.74	19.68		
10	64QAM	1	49	19.68	19.87	19.86		
10	64QAM	25	0	18.67	18.61	18.58	20	3
10	64QAM	25	12	18.52	18.60	18.69		
10	64QAM	25	25	18.56	18.60	18.47		
10	64QAM	50	0	18.36	18.51	18.44		
10	256QAM	1	0	16.51	16.68	16.61	18	5
10	256QAM	1	25	16.58	16.71	16.68		
10	256QAM	1	49	16.62	16.73	16.62		
10	256QAM	25	0	16.49	16.45	16.46	18	5
10	256QAM	25	12	16.36	16.54	16.31		
10	256QAM	25	25	16.32	16.50	16.39		
10	256QAM	50	0	16.35	16.63	16.32		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.64	21.75	21.58	23	0
5	QPSK	1	12	21.60	21.63	21.65		
5	QPSK	1	24	21.56	21.61	21.55		
5	QPSK	12	0	20.57	20.59	20.52	22	1
5	QPSK	12	7	20.54	20.62	20.56		
5	QPSK	12	13	20.49	20.57	20.49		
5	QPSK	25	0	20.39	20.61	20.55		
5	16QAM	1	0	20.85	20.95	20.92	22	1
5	16QAM	1	12	20.93	21.00	20.96		
5	16QAM	1	24	20.95	20.99	20.80		
5	16QAM	12	0	19.55	19.66	19.49	21	2
5	16QAM	12	7	19.45	19.61	19.40		
5	16QAM	12	13	19.47	19.63	19.49		
5	16QAM	25	0	19.51	19.62	19.42		
5	64QAM	1	0	19.77	19.78	19.73	21	2
5	64QAM	1	12	19.75	19.66	19.72		
5	64QAM	1	24	19.67	19.78	19.74		
5	64QAM	12	0	18.61	18.52	18.52	20	3
5	64QAM	12	7	18.61	18.62	18.67		
5	64QAM	12	13	18.49	18.63	18.48		
5	64QAM	25	0	18.36	18.51	18.41		
5	256QAM	1	0	16.61	16.78	16.65	18	5
5	256QAM	1	12	16.55	16.65	16.74		
5	256QAM	1	24	16.60	16.72	16.61		
5	256QAM	12	0	16.57	16.53	16.46	18	5
5	256QAM	12	7	16.40	16.56	16.42		
5	256QAM	12	13	16.32	16.52	16.46		
5	256QAM	25	0	16.40	16.65	16.34		

Band 12 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.83	21.96	21.87	23	0
10	QPSK	1	25	21.74	21.73	21.89		
10	QPSK	1	49	21.90	21.84	21.67		
10	QPSK	25	0	20.86	20.91	20.89	22	1
10	QPSK	25	12	20.68	20.83	20.52		
10	QPSK	25	25	20.72	20.68	20.57		
10	QPSK	50	0	20.85	20.89	20.83		
10	16QAM	1	0	21.14	21.20	21.18	22	1
10	16QAM	1	25	21.10	21.22	20.99		
10	16QAM	1	49	21.13	21.25	21.13		
10	16QAM	25	0	19.65	19.79	19.54	21	2
10	16QAM	25	12	19.65	19.74	19.61		
10	16QAM	25	25	19.72	19.69	19.76		
10	16QAM	50	0	19.69	19.69	19.64		
10	64QAM	1	0	19.95	19.85	19.95	21	2
10	64QAM	1	25	19.80	19.87	19.91		
10	64QAM	1	49	19.88	19.98	19.81		
10	64QAM	25	0	18.85	18.81	18.62	20	3
10	64QAM	25	12	18.61	18.70	18.76		
10	64QAM	25	25	18.70	18.78	18.66		
10	64QAM	50	0	18.65	18.71	18.67		
10	256QAM	1	0	16.84	16.91	16.89	18	5
10	256QAM	1	25	16.87	16.99	16.83		
10	256QAM	1	49	16.80	16.92	16.78		
10	256QAM	25	0	16.83	16.93	16.83	18	5
10	256QAM	25	12	16.87	16.89	16.83		
10	256QAM	25	25	16.87	16.95	16.78		
10	256QAM	50	0	16.81	16.94	16.78		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.86	21.86	21.81	23	0
5	QPSK	1	12	21.73	21.74	21.80		
5	QPSK	1	24	21.80	21.82	21.63		
5	QPSK	12	0	20.81	20.83	20.71	22	1
5	QPSK	12	7	20.66	20.69	20.47		
5	QPSK	12	13	20.71	20.63	20.56		
5	QPSK	25	0	20.76	20.84	20.73		
5	16QAM	1	0	21.06	21.26	21.18	22	1
5	16QAM	1	12	21.11	21.20	20.93		
5	16QAM	1	24	21.10	21.22	21.11		
5	16QAM	12	0	19.59	19.79	19.60	21	2
5	16QAM	12	7	19.60	19.67	19.64		
5	16QAM	12	13	19.71	19.60	19.69		
5	16QAM	25	0	19.61	19.69	19.59		
5	64QAM	1	0	19.85	19.88	19.93	21	2
5	64QAM	1	12	19.87	19.94	19.86		
5	64QAM	1	24	19.77	19.95	19.71		
5	64QAM	12	0	18.84	18.69	18.55	20	3
5	64QAM	12	7	18.59	18.65	18.70		
5	64QAM	12	13	18.64	18.76	18.60		
5	64QAM	25	0	18.59	18.71	18.66		
5	256QAM	1	0	16.83	16.93	16.81	18	5
5	256QAM	1	12	16.82	16.97	16.78		
5	256QAM	1	24	16.81	16.92	16.84		
5	256QAM	12	0	16.83	16.93	16.82	18	5
5	256QAM	12	7	16.80	16.87	16.83		
5	256QAM	12	13	16.81	16.85	16.81		
5	256QAM	25	0	16.84	16.94	16.79		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.87	21.93	21.84	23	0
3	QPSK	1	8	21.71	21.66	21.79		
3	QPSK	1	14	21.86	21.85	21.84		
3	QPSK	8	0	20.82	20.87	20.79	22	1
3	QPSK	8	4	20.61	20.79	20.51		
3	QPSK	8	7	20.70	20.63	20.57		
3	QPSK	15	0	20.69	20.86	20.75		
3	16QAM	1	0	21.02	21.24	21.16	22	1
3	16QAM	1	8	21.12	21.23	20.99		
3	16QAM	1	14	21.13	21.18	21.04		
3	16QAM	8	0	19.57	19.74	19.51	21	2
3	16QAM	8	4	19.58	19.72	19.67		
3	16QAM	8	7	19.63	19.69	19.74		
3	16QAM	15	0	19.64	19.73	19.68		
3	64QAM	1	0	19.87	19.81	19.94	21	2
3	64QAM	1	8	19.82	19.92	19.96		
3	64QAM	1	14	19.84	20.02	19.78		
3	64QAM	8	0	18.75	18.70	18.52	20	3
3	64QAM	8	4	18.58	18.65	18.67		
3	64QAM	8	7	18.67	18.74	18.62		
3	64QAM	15	0	18.56	18.67	18.72		
3	256QAM	1	0	16.85	16.95	16.75	18	5
3	256QAM	1	8	16.85	16.88	16.77		
3	256QAM	1	14	16.86	16.87	16.84		
3	256QAM	8	0	16.77	16.96	16.78	18	5
3	256QAM	8	4	16.82	16.90	16.79		
3	256QAM	8	7	16.83	16.94	16.82		
3	256QAM	15	0	16.84	16.94	16.78		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.78	21.91	21.86	23	0
1.4	QPSK	1	3	21.63	21.68	21.83		
1.4	QPSK	1	5	21.85	21.77	21.63		
1.4	QPSK	3	0	21.79	21.84	21.84		
1.4	QPSK	3	1	21.70	21.70	21.79		
1.4	QPSK	3	3	21.86	21.84	21.65		
1.4	QPSK	6	0	20.84	20.88	20.79	22	1
1.4	16QAM	1	0	20.62	20.69	20.50	22	1
1.4	16QAM	1	3	20.61	20.59	20.55		
1.4	16QAM	1	5	20.80	20.76	20.77		
1.4	16QAM	3	0	20.80	20.90	20.75		
1.4	16QAM	3	1	20.69	20.71	20.58		
1.4	16QAM	3	3	20.68	20.64	20.60		
1.4	16QAM	6	0	19.62	19.83	19.52	21	2
1.4	64QAM	1	0	19.60	19.72	19.62	21	2
1.4	64QAM	1	3	19.69	19.71	19.66		
1.4	64QAM	1	5	19.65	19.84	19.56		
1.4	64QAM	3	0	19.61	19.67	19.58		
1.4	64QAM	3	1	19.70	19.63	19.64		
1.4	64QAM	3	3	19.62	19.71	19.62		
1.4	64QAM	6	0	18.77	18.78	18.57	20	3
1.4	256QAM	1	0	16.84	16.88	16.74	18	5
1.4	256QAM	1	3	16.82	16.90	16.86		
1.4	256QAM	1	5	16.85	16.96	16.76		
1.4	256QAM	3	0	16.79	16.96	16.82		
1.4	256QAM	3	1	16.86	16.88	16.86		
1.4	256QAM	3	3	16.84	16.87	16.79		
1.4	256QAM	6	0	16.83	16.95	16.84	18	5

Band 13 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.73		23	0
10	QPSK	1	25		21.60			
10	QPSK	1	49		21.58			
10	QPSK	25	0		20.66		22	1
10	QPSK	25	12		20.56			
10	QPSK	25	25		20.44			
10	QPSK	50	0		20.54			
10	16QAM	1	0		21.08		22	1
10	16QAM	1	25		21.12			
10	16QAM	1	49		21.00			
10	16QAM	25	0		19.65		21	2
10	16QAM	25	12		19.51			
10	16QAM	25	25		19.55			
10	16QAM	50	0		19.58			
10	64QAM	1	0		19.73		21	2
10	64QAM	1	25		19.74			
10	64QAM	1	49		19.87			
10	64QAM	25	0		18.55		20	3
10	64QAM	25	12		18.48			
10	64QAM	25	25		18.62			
10	64QAM	50	0		18.54			
10	256QAM	1	0		16.81		18	5
10	256QAM	1	25		16.77			
10	256QAM	1	49		16.73			
10	256QAM	25	0		16.82		18	5
10	256QAM	25	12		16.73			
10	256QAM	25	25		16.76			
10	256QAM	50	0		16.78			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.68	21.68	21.62	23	0
5	QPSK	1	12	21.54	21.49	21.66		
5	QPSK	1	24	21.65	21.58	21.50		
5	QPSK	12	0	20.71	20.71	20.65	22	1
5	QPSK	12	7	20.47	20.60	20.32		
5	QPSK	12	13	20.48	20.54	20.41		
5	QPSK	25	0	20.66	20.67	20.63		
5	16QAM	1	0	20.90	21.11	21.00	22	1
5	16QAM	1	12	20.96	21.00	20.77		
5	16QAM	1	24	21.02	21.07	20.89		
5	16QAM	12	0	19.47	19.67	19.39	21	2
5	16QAM	12	7	19.45	19.58	19.43		
5	16QAM	12	13	19.54	19.55	19.57		
5	16QAM	25	0	19.53	19.54	19.50		
5	64QAM	1	0	19.63	19.69	19.77	21	2
5	64QAM	1	12	19.69	19.74	19.72		
5	64QAM	1	24	19.63	19.85	19.66		
5	64QAM	12	0	18.64	18.59	18.47	20	3
5	64QAM	12	7	18.49	18.55	18.53		
5	64QAM	12	13	18.47	18.52	18.50		
5	64QAM	25	0	18.51	18.60	18.49		
5	256QAM	1	0	16.65	16.74	16.64	18	5
5	256QAM	1	12	16.67	16.72	16.61		
5	256QAM	1	24	16.69	16.72	16.64		
5	256QAM	12	0	16.62	16.71	16.62	18	5
5	256QAM	12	7	16.61	16.72	16.64		
5	256QAM	12	13	16.64	16.77	16.65		
5	256QAM	25	0	16.59	16.78	16.63		

Band 17 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.79	21.95	21.89		
10	QPSK	1	25	21.66	21.71	21.82	23	0
10	QPSK	1	49	21.90	21.80	21.64		
10	QPSK	25	0	20.85	20.89	20.76		
10	QPSK	25	12	20.66	20.74	20.51	22	1
10	QPSK	25	25	20.70	20.70	20.66		
10	QPSK	50	0	20.75	20.83	20.73		
10	16QAM	1	0	21.06	21.22	21.18		
10	16QAM	1	25	21.05	21.22	20.99	22	1
10	16QAM	1	49	21.20	21.22	21.14		
10	16QAM	25	0	19.61	19.84	19.53		
10	16QAM	25	12	19.63	19.66	19.62	21	2
10	16QAM	25	25	19.64	19.74	19.75		
10	16QAM	50	0	19.72	19.71	19.61		
10	64QAM	1	0	19.86	19.87	19.96		
10	64QAM	1	25	19.91	19.87	19.93	21	2
10	64QAM	1	49	19.86	20.05	19.81		
10	64QAM	25	0	18.76	18.71	18.60		
10	64QAM	25	12	18.67	18.65	18.75	20	3
10	64QAM	25	25	18.65	18.76	18.63		
10	64QAM	50	0	18.59	18.70	18.75		
10	256QAM	1	0	16.89	16.98	16.86		
10	256QAM	1	25	16.77	16.88	16.83	18	5
10	256QAM	1	49	16.86	16.97	16.82		
10	256QAM	25	0	16.79	16.94	16.79		
10	256QAM	25	12	16.80	16.91	16.87	18	5
10	256QAM	25	25	16.77	16.94	16.80		
10	256QAM	50	0	16.83	16.89	16.82		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.87	21.93	21.83		
5	QPSK	1	12	21.74	21.68	21.77	23	0
5	QPSK	1	24	21.76	21.74	21.66		
5	QPSK	12	0	20.81	20.83	20.75		
5	QPSK	12	7	20.70	20.71	20.59	22	1
5	QPSK	12	13	20.64	20.67	20.54		
5	QPSK	25	0	20.69	20.76	20.73		
5	16QAM	1	0	21.03	21.19	21.20		
5	16QAM	1	12	21.02	21.26	20.91	22	1
5	16QAM	1	24	21.15	21.17	21.13		
5	16QAM	12	0	19.65	19.78	19.58		
5	16QAM	12	7	19.66	19.72	19.60	21	2
5	16QAM	12	13	19.64	19.69	19.75		
5	16QAM	25	0	19.66	19.67	19.68		
5	64QAM	1	0	19.85	19.83	19.88		
5	64QAM	1	12	19.77	19.87	19.90	21	2
5	64QAM	1	24	19.80	19.95	19.82		
5	64QAM	12	0	18.79	18.75	18.60		
5	64QAM	12	7	18.57	18.61	18.71	20	3
5	64QAM	12	13	18.61	18.69	18.61		
5	64QAM	25	0	18.57	18.64	18.67		
5	256QAM	1	0	16.84	16.96	16.81		
5	256QAM	1	12	16.79	16.94	16.81	18	5
5	256QAM	1	24	16.81	16.91	16.78		
5	256QAM	12	0	16.81	16.92	16.80		
5	256QAM	12	7	16.74	16.86	16.74	18	5
5	256QAM	12	13	16.80	16.96	16.80		
5	256QAM	25	0	16.79	16.95	16.79		

Band 26 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.44	22.51	22.45		
15	QPSK	1	37	22.32	22.33	22.44	24	0
15	QPSK	1	74	22.45	22.42	22.29		
15	QPSK	36	0	21.43	21.47	21.38		
15	QPSK	36	20	21.28	21.37	21.16	23	1
15	QPSK	36	39	21.29	21.27	21.22		
15	QPSK	75	0	21.32	21.45	21.36		
15	16QAM	1	0	21.69	21.86	21.83		
15	16QAM	1	37	21.70	21.84	21.58	23	1
15	16QAM	1	74	21.76	21.82	21.71		
15	16QAM	36	0	20.26	20.42	20.18		
15	16QAM	36	20	20.25	20.32	20.26	22	2
15	16QAM	36	39	20.28	20.29	20.33		
15	16QAM	75	0	20.29	20.34	20.26		
15	64QAM	1	0	20.44	20.47	20.55		
15	64QAM	1	37	20.46	20.52	20.54	22	2
15	64QAM	1	74	20.43	20.64	20.40		
15	64QAM	36	0	19.42	19.36	19.19		
15	64QAM	36	20	19.26	19.28	19.35	21	3
15	64QAM	36	39	19.29	19.34	19.27		
15	64QAM	75	0	19.23	19.33	19.30		
15	256QAM	1	0	17.35	17.54	17.28		
15	256QAM	1	37	17.25	17.43	17.42	19	5
15	256QAM	1	74	17.38	17.48	17.22		
15	256QAM	36	0	17.33	17.40	17.26		
15	256QAM	36	20	17.16	17.30	17.04	19	5
15	256QAM	36	39	17.16	17.38	17.19		
15	256QAM	75	0	17.14	17.16	17.23		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.28	22.38	22.27		
10	QPSK	1	25	22.31	22.33	22.32	24	0
10	QPSK	1	49	22.27	22.39	22.29		
10	QPSK	25	0	21.20	21.31	21.23		
10	QPSK	25	12	21.19	21.23	21.10	23	1
10	QPSK	25	25	21.19	21.14	21.20		
10	QPSK	50	0	21.29	21.27	21.20		
10	16QAM	1	0	21.54	21.69	21.67		
10	16QAM	1	25	21.64	21.71	21.56	23	1
10	16QAM	1	49	21.63	21.78	21.58		
10	16QAM	25	0	20.17	20.25	20.18		
10	16QAM	25	12	20.13	20.20	20.22	22	2
10	16QAM	25	25	20.18	20.24	20.16		
10	16QAM	50	0	20.25	20.24	20.20		
10	64QAM	1	0	20.31	20.44	20.38		
10	64QAM	1	25	20.33	20.48	20.42	22	2
10	64QAM	1	49	20.33	20.50	20.39		
10	64QAM	25	0	19.22	19.22	19.13		
10	64QAM	25	12	19.27	19.23	19.27	21	3
10	64QAM	25	25	19.20	19.28	19.16		
10	64QAM	50	0	19.18	19.21	19.16		
10	256QAM	1	0	17.21	17.42	17.23		
10	256QAM	1	25	17.32	17.41	17.38	19	5
10	256QAM	1	49	17.26	17.41	17.23		
10	256QAM	25	0	17.14	17.28	17.09		
10	256QAM	25	12	17.11	17.27	17.02	19	5
10	256QAM	25	25	17.07	17.18	17.16		
10	256QAM	50	0	17.03	17.14	17.02		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.26	22.43	22.28		
5	QPSK	1	12	22.27	22.35	22.37	24	0
5	QPSK	1	24	22.27	22.32	22.27		
5	QPSK	12	0	21.23	21.38	21.26		
5	QPSK	12	7	21.14	21.25	21.12	23	1
5	QPSK	12	13	21.22	21.24	21.17		
5	QPSK	25	0	21.22	21.32	21.21		
5	16QAM	1	0	21.63	21.76	21.73		
5	16QAM	1	12	21.64	21.64	21.57	23	1
5	16QAM	1	24	21.67	21.71	21.62		
5	16QAM	12	0	20.19	20.31	20.18		
5	16QAM	12	7	20.10	20.26	20.18	22	2
5	16QAM	12	13	20.12	20.24	20.20		
5	16QAM	25	0	20.27	20.25	20.24		
5	64QAM	1	0	20.38	20.48	20.41		
5	64QAM	1	12	20.33	20.45	20.44	22	2
5	64QAM	1	24	20.28	20.41	20.43		
5	64QAM	12	0	19.31	19.26	19.17		
5	64QAM	12	7	19.21	19.26	19.26	21	3
5	64QAM	12	13	19.09	19.23	19.21		
5	64QAM	25	0	19.20	19.20	19.12		
5	256QAM	1	0	17.20	17.46	17.19		
5	256QAM	1	12	17.22	17.37	17.39	19	5
5	256QAM	1	24	17.23	17.42	17.26		
5	256QAM	12	0	17.19	17.24	17.11		
5	256QAM	12	7	17.09	17.18	17.05	19	5
5	256QAM	12	13	17.11	17.29	17.13		
5	256QAM	25	0	17.03	17.15	17.03		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.30	22.37	22.33		
3	QPSK	1	8	22.21	22.37	22.32	24	0
3	QPSK	1	14	22.31	22.39	22.31		
3	QPSK	8	0	21.22	21.28	21.22		
3	QPSK	8	4	21.16	21.22	21.12	23	1
3	QPSK	8	7	21.19	21.21	21.18		
3	QPSK	15	0	21.19	21.27	21.22		
3	16QAM	1	0	21.59	21.72	21.72		
3	16QAM	8	0	21.54	21.71	21.59	23	1
3	16QAM	1	14	21.67	21.71	21.63		
3	16QAM	8	0	20.19	20.20	20.08		
3	16QAM	8	4	20.14	20.29	20.22	22	2
3	16QAM	8	7	20.10	20.22	20.14		
3	16QAM	15	0	20.18	20.31	20.24		
3	64QAM	1	0	20.29	20.44	20.34		
3	64QAM	1	8	20.24	20.52	20.37	22	2
3	64QAM	1	14	20.36	20.41	20.41		
3	64QAM	8	0	19.26	19.27	19.19		
3	64QAM	8	4	19.23	19.21	19.28	21	3
3	64QAM	8	7	19.20	19.28	19.15		
3	64QAM	15	0	19.19	19.18	19.18		
3	256QAM	1	0	17.21	17.42	17.17		
3	256QAM	1	8	17.24	17.42	17.41	19	5
3	256QAM	1	14	17.30	17.41	17.22		
3	256QAM	8	0	17.15	17.21	17.15		
3	256QAM	8	4	17.03	17.25	17.03	19	5
3	256QAM	8	7	17.09	17.18	17.15		
3	256QAM	15	0	17.01	17.12	17.01		
Channel				26907	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.30	22.29	22.35		
1.4	QPSK	1	3	22.13	22.37	22.40		
1.4	QPSK	1	5	22.20	22.31	22.27	24	0
1.4	QPSK	3	0	22.26	22.41	22.26		
1.4	QPSK	3	1	22.17	22.37	22.32		
1.4	QPSK	3	3	22.39	22.37	22.42		
1.4	QPSK	6	0	21.14	21.28	21.17	23	1
1.4	16QAM	1	0	21.29	21.33	21.17		
1.4	16QAM	1	3	21.24	21.30	21.19		
1.4	16QAM	1	5	21.21	21.29	21.17	23	1
1.4	16QAM	3	0	21.47	21.66	21.68		
1.4	16QAM	3	1	21.62	21.69	21.69		
1.4	16QAM	3	3	21.76	21.62	21.55		
1.4	16QAM	6	0	20.16	20.22	20.19	22	2
1.4	64QAM	1	0	20.16	20.33	20.16		
1.4	64QAM	1	3	20.13	20.17	20.14		
1.4	64QAM	1	5	20.22	20.19	20.18	22	2
1.4	64QAM	3	0	20.25	20.35	20.21		
1.4	64QAM	3	1	20.08	20.30	20.20		
1.4	64QAM	3	3	20.22	20.31	20.22		
1.4	64QAM	6	0	19.24	19.29	19.38	21	3
1.4	256QAM	1	0	17.18	17.38	17.10		
1.4	256QAM	1	3	17.24	17.40	17.33		
1.4	256QAM	1	5	17.27	17.34	17.20	19	5
1.4	256QAM	3	0	17.08	17.15	17.21		
1.4	256QAM	3	1	17.04	17.17	17.09		
1.4	256QAM	3	3	17.06	17.17	17.04		
1.4	256QAM	6	0	17.05	17.06	17.01	19	5

Band 66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.38	20.49	20.45		
20	QPSK	1	49	20.26	20.45	20.34	21.5	0
20	QPSK	1	99	20.35	20.47	20.35		
20	QPSK	50	0	19.39	19.46	19.35		
20	QPSK	50	24	19.21	19.35	19.25	20.5	1
20	QPSK	50	50	19.24	19.28	19.31		
20	QPSK	100	0	19.23	19.31	19.24		
20	16QAM	1	0	19.67	19.72	19.77		
20	16QAM	1	49	19.60	19.80	19.75	20.5	1
20	16QAM	1	99	19.77	19.71	19.60		
20	16QAM	50	0	18.24	18.30	18.25		
20	16QAM	50	24	18.22	18.29	18.21	19.5	2
20	16QAM	50	50	18.25	18.28	18.27		
20	16QAM	100	0	18.25	18.29	18.21		
20	64QAM	1	0	18.48	18.53	18.52		
20	64QAM	1	49	18.39	18.47	18.46	19.5	2
20	64QAM	1	99	18.42	18.53	18.49		
20	64QAM	50	0	17.33	17.32	17.30		
20	64QAM	50	24	17.34	17.31	17.32	18.5	3
20	64QAM	50	50	17.23	17.31	17.25		
20	64QAM	100	0	17.23	17.28	17.26		
20	256QAM	1	0	15.35	15.44	15.40		
20	256QAM	1	49	15.25	15.44	15.42	16.5	5
20	256QAM	1	99	15.34	15.36	15.31		
20	256QAM	50	0	15.24	15.27	15.18		
20	256QAM	50	24	15.14	15.27	15.16	16.5	5
20	256QAM	50	50	15.12	15.27	15.12		
20	256QAM	100	0	15.14	15.26	15.18		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.44	20.46	20.43		
15	QPSK	1	37	20.25	20.45	20.39	21.5	0
15	QPSK	1	74	20.46	20.40	20.30		
15	QPSK	36	0	19.26	19.36	19.34		
15	QPSK	36	20	19.21	19.31	19.23	20.5	1
15	QPSK	36	39	19.32	19.34	19.23		
15	QPSK	75	0	19.27	19.32	19.34		
15	16QAM	1	0	19.62	19.81	19.70		
15	16QAM	1	37	19.61	19.71	19.72	20.5	1
15	16QAM	1	74	19.68	19.76	19.62		
15	16QAM	36	0	18.33	18.35	18.26		
15	16QAM	36	20	18.23	18.37	18.19	19.5	2
15	16QAM	36	39	18.23	18.36	18.25		
15	16QAM	75	0	18.28	18.34	18.20		
15	64QAM	1	0	18.40	18.59	18.52		
15	64QAM	1	37	18.48	18.55	18.45	19.5	2
15	64QAM	1	74	18.39	18.59	18.56		
15	64QAM	36	0	17.36	17.34	17.20		
15	64QAM	36	20	17.34	17.40	17.32	18.5	3
15	64QAM	36	39	17.25	17.39	17.25		
15	64QAM	75	0	17.28	17.24	17.28		
15	256QAM	1	0	15.34	15.41	15.37		
15	256QAM	1	37	15.36	15.47	15.42	16.5	5
15	256QAM	1	74	15.37	15.40	15.31		
15	256QAM	36	0	15.24	15.33	15.15		
15	256QAM	36	20	15.15	15.25	15.15	16.5	5
15	256QAM	36	39	15.17	15.32	15.17		
15	256QAM	75	0	15.14	15.26	15.19		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.41	20.41	20.37		
10	QPSK	1	25	20.34	20.41	20.35	21.5	0
10	QPSK	1	49	20.37	20.47	20.31		
10	QPSK	25	0	19.28	19.39	19.34		
10	QPSK	25	12	19.32	19.39	19.22	20.5	1
10	QPSK	25	25	19.26	19.37	19.30		
10	QPSK	50	0	19.28	19.25	19.23		
10	16QAM	1	0	19.66	19.78	19.68		
10	16QAM	1	25	19.62	19.78	19.67	20.5	1
10	16QAM	1	49	19.78	19.78	19.60		
10	16QAM	25	0	18.32	18.28	18.21		
10	16QAM	25	12	18.21	18.28	18.23	19.5	2
10	16QAM	25	25	18.24	18.34	18.27		
10	16QAM	50	0	18.26	18.26	18.15		
10	64QAM	1	0	18.37	18.61	18.45		
10	64QAM	1	25	18.43	18.56	18.39	19.5	2
10	64QAM	1	49	18.40	18.60	18.53		
10	64QAM	25	0	17.32	17.33	17.28		
10	64QAM	25	12	17.34	17.41	17.38	18.5	3
10	64QAM	25	25	17.31	17.37	17.30		
10	64QAM	50	0	17.28	17.32	17.26		
10	256QAM	1	0	15.35	15.41	15.35		
10	256QAM	1	25	15.28	15.44	15.39	16.5	5
10	256QAM	1	49	15.33	15.47	15.29		
10	256QAM	25	0	15.27	15.33	15.23		
10	256QAM	25	12	15.17	15.26	15.08	16.5	5
10	256QAM	25	25	15.15	15.29	15.15		
10	256QAM	50	0	15.18	15.29	15.14		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.45	20.42	20.39		
5	QPSK	1	12	20.30	20.41	20.36	21.5	0
5	QPSK	1	24	20.36	20.40	20.41		
5	QPSK	12	0	19.30	19.39	19.32		
5	QPSK	12	7	19.25	19.29	19.19	20.5	1
5	QPSK	12	13	19.33	19.27	19.26		
5	QPSK	25	0	19.27	19.28	19.23		
5	16QAM	1	0	19.65	19.77	19.74		
5	16QAM	1	12	19.59	19.72	19.71	20.5	1
5	16QAM	1	24	19.78	19.82	19.58		
5	16QAM	12	0	18.25	18.30	18.26		
5	16QAM	12	7	18.22	18.32	18.27	19.5	2
5	16QAM	12	13	18.21	18.31	18.31		
5	16QAM	25	0	18.28	18.30	18.22		
5	64QAM	1	0	18.40	18.60	18.45		
5	64QAM	1	12	18.39	18.48	18.47	19.5	2
5	64QAM	1	24	18.41	18.59	18.50		
5	64QAM	12	0	17.29	17.38	17.29		
5	64QAM	12	7	17.33	17.33	17.37	18.5	3
5	64QAM	12	13	17.22	17.41	17.23		
5	64QAM	25	0	17.23	17.30	17.24		
5	256QAM	1	0	15.37	15.44	15.35		
5	256QAM	1	12	15.32	15.39	15.42	16.5	5
5	256QAM	1	24	15.34	15.36	15.36		
5	256QAM	12	0	15.23	15.29	15.13		
5	256QAM	12	7	15.13	15.23	15.15	16.5	5
5	256QAM	12	13	15.15	15.32	15.11		
5	256QAM	25	0	15.21	15.23	15.13		
Channel				131957	132322	132687	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.46	20.43	20.38		
3	QPSK	1	8	20.33	20.37	20.41	21.5	0
3	QPSK	1	14	20.37	20.48	20.30		
3	QPSK	8	0	19.23	19.35	19.28		
3	QPSK	8	4	19.31	19.37	19.24	20.5	1
3	QPSK	8	7	19.31	19.37	19.27		
3	QPSK	15	0	19.29	19.33	19.24		
3	16QAM	1	0	19.66	19.79	19.76		
3	16QAM	1	8	19.69	19.70	19.71	20.5	1
3	16QAM	1	14	19.77	19.77	19.67		
3	16QAM	8	0	18.26	18.40	18.29		
3	16QAM	8	4	18.15	18.39	18.21	19.5	2
3	16QAM	8	7	18.22	18.37	18.26		
3	16QAM	15	0	18.24	18.34	18.17		
3	64QAM	1	0	18.46	18.59	18.45		
3	64QAM	1	8	18.48	18.55	18.45	19.5	2
3	64QAM	1	14	18.48	18.50	18.56		
3	64QAM	8	0	17.27	17.34	17.22		
3	64QAM	8	4	17.34	17.32	17.29	18.5	3
3	64QAM	8	7	17.31	17.38	17.21		
3	64QAM	15	0	17.18	17.27	17.22		
3	256QAM	1	0	15.32	15.44	15.40		
3	256QAM	1	8	15.31	15.44	15.38	16.5	5
3	256QAM	1	14	15.36	15.36	15.29		
3	256QAM	8	0	15.19	15.26	15.20		
3	256QAM	8	4	15.14	15.24	15.12	16.5	5
3	256QAM	8	7	15.21	15.32	15.16		
3	256QAM	15	0	15.21	15.28	15.10		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.34	20.34	20.29		
1.4	QPSK	1	3	20.27	20.38	20.32		
1.4	QPSK	1	5	20.33	20.36	20.38	21.5	0
1.4	QPSK	3	0	20.36	20.43	20.29		
1.4	QPSK	3	1	20.14	20.33	20.32		
1.4	QPSK	3	3	20.29	20.36	20.38		
1.4	QPSK	6	0	19.21	19.33	19.13	20.5	1
1.4	16QAM	1	0	19.14	19.24	19.11		
1.4	16QAM	1	3	19.18	19.22	19.28		
1.4	16QAM	1	5	19.22	19.31	19.22	20.5	1
1.4	16QAM	3	0	19.49	19.70	19.64		
1.4	16QAM	3	1	19.52	19.65	19.64		
1.4	16QAM	3	3	19.66	19.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.69	21.73	21.65	23	0
20	QPSK	1	49	21.58	21.72	21.59		
20	QPSK	1	99	21.56	21.71	21.58		
20	QPSK	50	0	20.63	20.67	20.64	22	1
20	QPSK	50	24	20.51	20.54	20.47		
20	QPSK	50	50	20.46	20.59	20.53		
20	QPSK	100	0	20.54	20.65	20.57		
20	16QAM	1	0	20.81	20.91	20.96	22	1
20	16QAM	1	49	20.88	21.07	20.93		
20	16QAM	1	99	20.97	21.04	20.81		
20	16QAM	50	0	19.47	19.60	19.46	21	2
20	16QAM	50	24	19.37	19.64	19.48		
20	16QAM	50	50	19.55	19.60	19.58		
20	16QAM	100	0	19.47	19.59	19.51		
20	64QAM	1	0	19.67	19.73	19.76	21	2
20	64QAM	1	49	19.74	19.73	19.66		
20	64QAM	1	99	19.61	19.88	19.80		
20	64QAM	50	0	18.62	18.63	18.54	20	3
20	64QAM	50	24	18.60	18.64	18.64		
20	64QAM	50	50	18.53	18.61	18.55		
20	64QAM	100	0	18.38	18.50	18.49		
20	256QAM	1	0	16.62	16.68	16.70	18	5
20	256QAM	1	49	16.50	16.68	16.76		
20	256QAM	1	99	16.61	16.66	16.65		
20	256QAM	50	0	16.50	16.47	16.53	18	5
20	256QAM	50	24	16.37	16.54	16.35		
20	256QAM	50	50	16.39	16.56	16.42		
20	256QAM	100	0	16.45	16.65	16.38		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.62	21.71	21.64	23	0
15	QPSK	1	37	21.56	21.65	21.60		
15	QPSK	1	74	21.63	21.62	21.60		
15	QPSK	36	0	20.54	20.59	20.60	22	1
15	QPSK	36	20	20.51	20.56	20.45		
15	QPSK	36	39	20.47	20.56	20.58		
15	QPSK	75	0	20.45	20.53	20.57		
15	16QAM	1	0	20.81	21.02	20.94	22	1
15	16QAM	1	37	20.93	21.01	20.91		
15	16QAM	1	74	20.98	21.06	20.90		
15	16QAM	36	0	19.46	19.63	19.53	21	2
15	16QAM	36	20	19.45	19.57	19.43		
15	16QAM	36	39	19.46	19.62	19.55		
15	16QAM	75	0	19.48	19.58	19.44		
15	64QAM	1	0	19.75	19.77	19.67	21	2
15	64QAM	1	37	19.67	19.78	19.66		
15	64QAM	1	74	19.62	19.87	19.75		
15	64QAM	36	0	18.68	18.59	18.56	20	3
15	64QAM	36	20	18.54	18.70	18.63		
15	64QAM	36	39	18.52	18.58	18.51		
15	64QAM	75	0	18.47	18.45	18.48		
15	256QAM	1	0	16.55	16.75	16.61	18	5
15	256QAM	1	37	16.53	16.75	16.71		
15	256QAM	1	74	16.59	16.73	16.61		
15	256QAM	36	0	16.52	16.48	16.50	18	5
15	256QAM	36	20	16.35	16.53	16.43		
15	256QAM	36	39	16.39	16.57	16.39		
15	256QAM	75	0	16.46	16.65	16.36		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.66	21.72	21.66	23	0
10	QPSK	1	25	21.51	21.67	21.58		
10	QPSK	1	49	21.57	21.67	21.54		
10	QPSK	25	0	20.51	20.65	20.55	22	1
10	QPSK	25	12	20.58	20.53	20.56		
10	QPSK	25	25	20.52	20.61	20.59		
10	QPSK	50	0	20.43	20.62	20.58		
10	16QAM	1	0	20.86	21.00	20.96	22	1
10	16QAM	1	25	20.88	21.10	20.87		
10	16QAM	1	49	20.97	21.03	20.81		
10	16QAM	25	0	19.48	19.63	19.53	21	2
10	16QAM	25	12	19.48	19.60	19.44		
10	16QAM	25	25	19.51	19.53	19.52		
10	16QAM	50	0	19.48	19.60	19.41		
10	64QAM	1	0	19.78	19.80	19.66	21	2
10	64QAM	1	25	19.74	19.76	19.69		
10	64QAM	1	49	19.58	19.82	19.84		
10	64QAM	25	0	18.63	18.55	18.52	20	3
10	64QAM	25	12	18.49	18.60	18.61		
10	64QAM	25	25	18.51	18.57	18.48		
10	64QAM	50	0	18.44	18.52	18.41		
10	256QAM	1	0	16.61	16.74	16.67	18	5
10	256QAM	1	25	16.54	16.75	16.74		
10	256QAM	1	49	16.63	16.67	16.67		
10	256QAM	25	0	16.51	16.50	16.53	18	5
10	256QAM	25	12	16.45	16.58	16.34		
10	256QAM	25	25	16.38	16.49	16.49		
10	256QAM	50	0	16.39	16.54	16.40		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.60	21.70	21.68	23	0
5	QPSK	1	12	21.51	21.71	21.62		
5	QPSK	1	24	21.64	21.60	21.60		
5	QPSK	12	0	20.54	20.57	20.54	22	1
5	QPSK	12	7	20.61	20.56	20.49		
5	QPSK	12	13	20.47	20.58	20.48		
5	QPSK	25	0	20.45	20.54	20.61		
5	16QAM	1	0	20.87	20.93	20.93	22	1
5	16QAM	1	12	20.96	21.00	20.98		
5	16QAM	1	24	20.97	21.02	20.84		
5	16QAM	12	0	19.55	19.68	19.47	21	2
5	16QAM	12	7	19.42	19.55	19.37		
5	16QAM	12	13	19.50	19.57	19.57		
5	16QAM	25	0	19.42	19.57	19.52		
5	64QAM	1	0	19.68	19.79	19.64	21	2
5	64QAM	1	12	19.74	19.70	19.70		
5	64QAM	1	24	19.59	19.87	19.85		
5	64QAM	12	0	18.69	18.56	18.50	20	3
5	64QAM	12	7	18.61	18.63	18.64		
5	64QAM	12	13	18.54	18.62	18.54		
5	64QAM	25	0	18.39	18.46	18.42		
5	256QAM	1	0	16.52	16.78	16.64	18	5
5	256QAM	1	12	16.48	16.72	16.66		
5	256QAM	1	24	16.67	16.65	16.57		
5	256QAM	12	0	16.46	16.47	16.46	18	5
5	256QAM	12	7	16.42	16.54	16.32		
5	256QAM	12	13	16.40	16.53	16.49		
5	256QAM	25	0	16.43	16.65	16.32		

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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	21.68	21.69	21.75	21.72	21.61	23	0
20	QPSK	1	49	21.50	21.63	21.61	21.70	21.66		
20	QPSK	1	99	21.67	21.66	21.57	21.66	21.55		
20	QPSK	50	0	20.56	20.67	20.71	20.66	20.49	22	1
20	QPSK	50	24	20.58	20.56	20.53	20.60	20.54		
20	QPSK	50	50	20.50	20.50	20.51	20.55	20.49		
20	QPSK	100	0	20.65	20.64	20.69	20.62	20.57		
20	16QAM	1	0	20.90	20.96	20.91	21.01	20.96	22	1
20	16QAM	1	49	20.91	20.98	20.90	21.00	20.89		
20	16QAM	1	99	20.94	21.03	21.03	21.02	20.87		
20	16QAM	50	0	19.46	19.65	19.51	19.69	19.47	21	2
20	16QAM	50	24	19.44	19.54	19.46	19.58	19.38		
20	16QAM	50	50	19.50	19.59	19.49	19.58	19.52		
20	16QAM	100	0	19.52	19.64	19.52	19.62	19.44		
20	64QAM	1	0	19.79	19.82	19.77	19.82	19.74	21	2
20	64QAM	1	49	19.76	19.72	19.71	19.68	19.75		
20	64QAM	1	99	19.67	19.86	19.67	19.77	19.85		
20	64QAM	50	0	18.59	18.55	18.62	18.57	18.50	20	3
20	64QAM	50	24	18.50	18.60	18.50	18.69	18.62		
20	64QAM	50	50	18.54	18.57	18.49	18.61	18.49		
20	64QAM	100	0	18.46	18.47	18.38	18.41	18.49		
20	256QAM	1	0	16.61	16.70	16.53	16.77	16.63	18	5
20	256QAM	1	49	16.49	16.69	16.48	16.66	16.74		
20	256QAM	1	99	16.66	16.74	16.62	16.72	16.66		
20	256QAM	50	0	16.55	16.49	16.45	16.51	16.53	18	5
20	256QAM	50	24	16.43	16.59	16.42	16.53	16.36		
20	256QAM	50	50	16.33	16.51	16.38	16.58	16.48		
20	256QAM	100	0	16.41	16.60	16.45	16.55	16.39		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.62	21.72	21.70	21.71	21.64	23	0
15	QPSK	1	37	21.54	21.70	21.56	21.67	21.60		
15	QPSK	1	74	21.56	21.62	21.59	21.63	21.58		
15	QPSK	36	0	20.50	20.63	20.51	20.58	20.53	22	1
15	QPSK	36	20	20.53	20.62	20.56	20.55	20.56		
15	QPSK	36	39	20.47	20.57	20.46	20.53	20.53		
15	QPSK	75	0	20.42	20.60	20.41	20.64	20.59		
15	16QAM	1	0	20.89	20.99	20.83	20.98	20.92	22	1
15	16QAM	1	37	20.91	21.00	20.94	21.09	20.95		
15	16QAM	1	74	21.00	21.07	21.03	21.00	20.81		
15	16QAM	36	0	19.54	19.66	19.55	19.65	19.51	21	2
15	16QAM	36	20	19.42	19.59	19.49	19.53	19.40		
15	16QAM	36	39	19.45	19.59	19.54	19.58	19.53		
15	16QAM	75	0	19.48	19.54	19.42	19.55	19.42		
15	64QAM	1	0	19.70	19.83	19.76	19.81	19.76	21	2
15	64QAM	1	37	19.68	19.74	19.71	19.73	19.74		
15	64QAM	1	74	19.62	19.79	19.62	19.80	19.79		
15	64QAM	36	0	18.68	18.55	18.65	18.63	18.60	20	3
15	64QAM	36	20	18.52	18.69	18.59	18.61	18.62		
15	64QAM	36	39	18.56	18.63	18.57	18.58	18.46		
15	64QAM	75	0	18.36	18.48	18.42	18.45	18.50		
15	256QAM	1	0	16.56	16.78	16.51	16.73	16.60	18	5
15	256QAM	1	37	16.56	16.69	16.58	16.75	16.64		
15	256QAM	1	74	16.68	16.72	16.70	16.70	16.58		
15	256QAM	36	0	16.47	16.49	16.45	16.51	16.47	18	5
15	256QAM	36	20	16.35	16.61	16.44	16.50	16.35		
15	256QAM	36	39	16.41	16.61	16.38	16.55	16.43		
15	256QAM	75	0	16.35	16.54	16.44	16.53	16.40		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.70	21.64	21.59	21.66	21.59	23	0
10	QPSK	1	25	21.62	21.62	21.50	21.64	21.62		
10	QPSK	1	49	21.62	21.66	21.61	21.68	21.52		
10	QPSK	25	0	20.55	20.62	20.60	20.56	20.53	22	1
10	QPSK	25	12	20.57	20.64	20.53	20.58	20.50		
10	QPSK	25	25	20.53	20.58	20.55	20.57	20.58		
10	QPSK	50	0	20.42	20.63	20.41	20.58	20.55		
10	16QAM	1	0	20.79	20.94	20.84	20.97	20.99	22	1
10	16QAM	1	25	20.96	21.02	20.95	20.98	20.94		
10	16QAM	1	49	21.04	21.00	20.96	20.97	20.86		
10	16QAM	25	0	19.54	19.60	19.52	19.68	19.42	21	2
10	16QAM	25	12	19.45	19.58	19.45	19.58	19.43		
10	16QAM	25	25	19.48	19.64	19.47	19.62	19.48		
10	16QAM	50	0	19.53	19.56	19.53	19.60	19.49		
10	64QAM	1	0	19.74	19.83	19.77	19.82	19.68	21	2
10	64QAM	1	25	19.73	19.70	19.67	19.67	19.69		
10	64QAM	1	49	19.58	19.85	19.68	19.79	19.83		
10	64QAM	25	0	18.64	18.63	18.68	18.59	18.53	20	3
10	64QAM	25	12	18.57	18.62	18.53	18.64	18.66		
10	64QAM	25	25	18.48	18.60	18.49	18.64	18.53		
10	64QAM	50	0	18.44	18.49	18.38	18.49	18.47		
10	256QAM	1	0	16.52	16.76	16.50	16.73	16.61	18	5
10	256QAM	1	25	16.59	16.70	16.54	16.71	16.68		
10	256QAM	1	49	16.69	16.72	16.61	16.65	16.57		
10	256QAM	25	0	16.52	16.53	16.45	16.46	16.48	18	5
10	256QAM	25	12	16.42	16.58	16.37	16.58	16.37		
10	256QAM	25	25	16.40	16.52	16.37	16.49	16.50		
10	256QAM	50	0	16.44	16.55	16.45	16.53	16.38		
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	21.59	21.70	21.59	21.70	21.65	23	0
5	QPSK	1	12	21.60	21.74	21.61	21.66	21.68		
5	QPSK	1	24	21.62	21.67	21.64	21.71	21.51		
5	QPSK	12	0	20.60	20.62	20.49	20.66	20.58	22	1
5	QPSK	12	7	20.61	20.63	20.61	20.56	20.56		
5	QPSK	12	13	20.48	20.53	20.46	20.60	20.56		
5	QPSK	25	0	20.36	20.63	20.39	20.56	20.57		
5	16QAM	1	0	20.80	20.96	20.87	20.98	20.99	22	1
5	16QAM	1	12	20.87	21.07	20.88	21.08	20.88		
5	16QAM	1	24	20.98	21.02	21.00	21.03	20.86		
5	16QAM	12	0	19.54	19.62	19.51	19.65	19.43	21	2
5	16QAM	12	7	19.41	19.53	19.45	19.61	19.40		
5	16QAM	12	13	19.54	19.60	19.53	19.55	19.53		
5	16QAM	25	0	19.52	19.62	19.43	19.59	19.47		
5	64QAM	1	0	19.69	19.75	19.77	19.78	19.72	21	2
5	64QAM	1	12	19.67	19.77	19.71	19.70	19.67		
5	64QAM	1	24	19.64	19.84	19.58	19.77	19.75		
5	64QAM	12	0	18.69	18.63	18.60	18.59	18.56	20	3
5	64QAM	12	7	18.60	18.61	18.55	18.68	18.66		
5	64QAM	12	13	18.53	18.64	18.58	18.67	18.48		
5	64QAM	25	0	18.39	18.47	18.41	18.42	18.50		
5	256QAM	1	0	16.52	16.76	16.56	16.67	16.70	18	5
5	256QAM	1	12	16.57	16.69	16.57	16.69	16.67		
5	256QAM	1	24	16.66	16.68	16.64	16.73	16.61		
5	256QAM	12	0	16.50	16.46	16.47	16.52	16.47	18	5
5	256QAM	12	7	16.41	16.53	16.44	16.54	16.39		
5	256QAM	12	13	16.37	16.56	16.36	16.55	16.49		
5	256QAM	25	0	16.36	16.55	16.42	16.65	16.41		

GSM1900 Ant2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.86	28.73	28.55	30.50	19.86	19.73	19.55	21.50
GPRS 1 Tx slot	28.85	28.72	28.54	30.50	19.85	19.72	19.54	21.50
GPRS 2 Tx slots	28.08	27.95	27.82	29.00	22.08	21.95	21.82	23.00
GPRS 3 Tx slots	26.31	26.34	26.25	27.50	22.05	22.08	21.99	23.24
GPRS 4 Tx slots	25.24	25.16	25.06	26.00	22.24	22.16	22.06	23.00
EDGE 1 Tx slot	24.40	24.61	24.81	25.50	15.40	15.61	15.81	16.50
EDGE 2 Tx slots	23.32	23.48	23.73	24.50	17.32	17.48	17.73	18.50
EDGE 3 Tx slots	21.27	21.44	21.67	22.50	17.01	17.18	17.41	18.24
EDGE 4 Tx slots	20.15	20.20	20.28	21.00	17.15	17.20	17.28	18.00

Band		WCDMA II Ant2			Tune-up Limit (dBm)	WCDMA IV Ant2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.65	22.54	22.51	24.00	22.67	22.74	22.61	24.00
3GPP Rel 99	RMC 12.2Kbps	22.63	22.68	22.66	24.00	22.73	22.78	22.75	24.00
3GPP Rel 6	HSDPA Subtest-1	21.63	21.66	21.61	23.00	21.76	21.74	21.70	23.00
3GPP Rel 6	HSDPA Subtest-2	21.62	21.70	21.59	23.00	21.72	21.80	21.73	23.00
3GPP Rel 6	HSDPA Subtest-3	21.16	21.22	20.94	22.50	21.20	21.34	21.04	22.50
3GPP Rel 6	HSDPA Subtest-4	21.24	21.22	20.98	22.50	21.38	21.30	21.05	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.58	21.70	21.53	23.00	21.79	21.86	21.67	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.72	21.63	21.54	23.00	21.77	21.65	21.57	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.14	21.19	21.11	22.50	21.28	21.24	21.21	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.17	21.20	21.14	22.50	21.24	21.33	21.26	22.50
3GPP Rel 6	HSUPA Subtest-1	21.60	21.55	21.52	23.00	21.78	21.65	21.60	23.00
3GPP Rel 6	HSUPA Subtest-2	19.65	19.63	19.47	21.00	19.77	19.68	19.53	21.00
3GPP Rel 6	HSUPA Subtest-3	20.77	20.65	20.59	22.00	20.83	20.78	20.75	22.00
3GPP Rel 6	HSUPA Subtest-4	19.73	19.59	19.66	21.00	19.90	19.73	19.74	21.00
3GPP Rel 6	HSUPA Subtest-5	21.64	21.65	21.62	23.00	21.71	21.82	21.73	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.28	19.32	19.27	20.50	19.42	19.38	19.38	20.50

Band 2 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.39	22.49	22.45	24	0
20	QPSK	1	49	22.36	22.45	22.34		
20	QPSK	1	99	22.37	22.43	22.34		
20	QPSK	50	0	21.38	21.42	21.34	23	1
20	QPSK	50	24	21.30	21.30	21.27		
20	QPSK	50	50	21.28	21.37	21.33		
20	QPSK	100	0	21.35	21.39	21.30		
20	16QAM	1	0	21.67	21.69	21.74	23	1
20	16QAM	1	49	21.72	21.83	21.74		
20	16QAM	1	99	21.72	21.74	21.61		
20	16QAM	50	0	20.32	20.43	20.30	22	2
20	16QAM	50	24	20.31	20.38	20.34		
20	16QAM	50	50	20.35	20.31	20.35		
20	16QAM	100	0	20.34	20.30	20.33		
20	64QAM	1	0	20.52	20.56	20.42	22	2
20	64QAM	1	49	20.46	20.47	20.49		
20	64QAM	1	99	20.44	20.53	20.55		
20	64QAM	50	0	19.39	19.30	19.36	21	3
20	64QAM	50	24	19.27	19.40	19.43		
20	64QAM	50	50	19.35	19.35	19.28		
20	64QAM	100	0	19.31	19.32	19.34		
20	256QAM	1	0	17.40	17.54	17.40	19	5
20	256QAM	1	49	17.36	17.52	17.50		
20	256QAM	1	99	17.44	17.48	17.38		
20	256QAM	50	0	17.43	17.44	17.43	19	5
20	256QAM	50	24	17.36	17.46	17.38		
20	256QAM	50	50	17.40	17.46	17.38		
20	256QAM	100	0	17.43	17.47	17.40		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.44	22.42	22.43	24	0
15	QPSK	1	37	22.34	22.45	22.40		
15	QPSK	1	74	22.39	22.43	22.33		
15	QPSK	36	0	21.30	21.42	21.25	23	1
15	QPSK	36	20	21.32	21.36	21.25		
15	QPSK	36	39	21.32	21.38	21.33		
15	QPSK	75	0	21.28	21.41	21.34		
15	16QAM	1	0	21.57	21.74	21.71	23	1
15	16QAM	1	37	21.68	21.77	21.68		
15	16QAM	1	74	21.79	21.77	21.62		
15	16QAM	36	0	20.29	20.41	20.35	22	2
15	16QAM	36	20	20.35	20.28	20.35		
15	16QAM	36	39	20.37	20.32	20.35		
15	16QAM	75	0	20.40	20.35	20.31		
15	64QAM	1	0	20.52	20.48	20.45	22	2
15	64QAM	1	37	20.51	20.51	20.49		
15	64QAM	1	74	20.44	20.56	20.61		
15	64QAM	36	0	19.44	19.32	19.30	21	3
15	64QAM	36	20	19.26	19.40	19.43		
15	64QAM	36	39	19.27	19.40	19.37		
15	64QAM	75	0	19.28	19.28	19.38		
15	256QAM	1	0	17.47	17.53	17.45	19	5
15	256QAM	1	37	17.47	17.52	17.48		
15	256QAM	1	74	17.42	17.48	17.40		
15	256QAM	36	0	17.46	17.50	17.46	19	5
15	256QAM	36	20	17.42	17.45	17.42		
15	256QAM	36	39	17.45	17.46	17.46		
15	256QAM	75	0	17.44	17.38	17.38		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.38	22.45	22.37	24	0
10	QPSK	1	25	22.37	22.39	22.39		
10	QPSK	1	49	22.36	22.39	22.34		
10	QPSK	25	0	21.27	21.43	21.33	23	1
10	QPSK	25	12	21.39	21.37	21.29		
10	QPSK	25	25	21.28	21.34	21.23		
10	QPSK	50	0	21.32	21.38	21.31		
10	16QAM	1	0	21.65	21.73	21.68	23	1
10	16QAM	1	25	21.73	21.85	21.64		
10	16QAM	1	49	21.71	21.81	21.56		
10	16QAM	25	0	20.25	20.43	20.27	22	2
10	16QAM	25	12	20.31	20.35	20.33		
10	16QAM	25	25	20.29	20.38	20.34		
10	16QAM	50	0	20.34	20.31	20.28		
10	64QAM	1	0	20.51	20.57	20.41	22	2
10	64QAM	1	25	20.42	20.52	20.46		
10	64QAM	1	49	20.34	20.59	20.52		
10	64QAM	25	0	19.38	19.37	19.34	21	3
10	64QAM	25	12	19.31	19.41	19.37		
10	64QAM	25	25	19.25	19.35	19.27		
10	64QAM	50	0	19.32	19.26	19.40		
10	256QAM	1	0	17.46	17.46	17.38	19	5
10	256QAM	1	25	17.35	17.46	17.45		
10	256QAM	1	49	17.46	17.40	17.41		
10	256QAM	25	0	17.42	17.49	17.37	19	5
10	256QAM	25	12	17.46	17.43	17.43		
10	256QAM	25	25	17.46	17.40	17.39		
10	256QAM	50	0	17.43	17.39	17.35		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.39	22.46	22.42	24	0
5	QPSK	1	12	22.40	22.46	22.38		
5	QPSK	1	24	22.31	22.41	22.39		
5	QPSK	12	0	21.30	21.35	21.30	23	1
5	QPSK	12	7	21.38	21.34	21.32		
5	QPSK	12	13	21.29	21.30	21.34		
5	QPSK	25	0	21.31	21.32	21.33		
5	16QAM	1	0	21.63	21.74	21.78	23	1
5	16QAM	1	12	21.63	21.75	21.67		
5	16QAM	1	24	21.81	21.71	21.58		
5	16QAM	12	0	20.25	20.35	20.36	22	2
5	16QAM	12	7	20.26	20.33	20.29		
5	16QAM	12	13	20.37	20.28	20.30		
5	16QAM	25	0	20.39	20.32	20.36		
5	64QAM	1	0	20.52	20.56	20.49	22	2
5	64QAM	1	12	20.47	20.46	20.48		
5	64QAM	1	24	20.44	20.55	20.52		
5	64QAM	12	0	19.44	19.31	19.31	21	3
5	64QAM	12	7	19.31	19.44	19.33		
5	64QAM	12	13	19.31	19.37	19.33		
5	64QAM	25	0	19.28	19.28	19.41		
5	256QAM	1	0	17.41	17.49	17.39	19	5
5	256QAM	1	12	17.36	17.46	17.48		
5	256QAM	1	24	17.47	17.40	17.38		
5	256QAM	12	0	17.42	17.46	17.44	19	5
5	256QAM	12	7	17.42	17.45	17.42		
5	256QAM	12	13	17.45	17.40	17.37		
5	256QAM	25	0	17.35	17.42	17.37		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.39	22.43	22.44	24	0
3	QPSK	1	8	22.38	22.46	22.35		
3	QPSK	1	14	22.41	22.43	22.39		
3	QPSK	8	0	21.34	21.39	21.28	23	1
3	QPSK	8	4	21.37	21.38	21.23		
3	QPSK	8	7	21.27	21.28	21.27		
3	QPSK	15	0	21.29	21.31	21.34		
3	16QAM	1	0	21.60	21.68	21.73	23	1
3	16QAM	1	8	21.68	21.80	21.75		
3	16QAM	1	14	21.74	21.77	21.66		
3	16QAM	8	0	20.24	20.38	20.31	22	2
3	16QAM	8	4	20.33	20.34	20.27		
3	16QAM	8	7	20.35	20.38	20.36		
3	16QAM	15	0	20.34	20.39	20.32		
3	64QAM	1	0	20.44	20.50	20.52	22	2
3	64QAM	1	8	20.44	20.53	20.49		
3	64QAM	1	14	20.42	20.64	20.53		
3	64QAM	8	0	19.35	19.37	19.30	21	3
3	64QAM	8	4	19.32	19.37	19.35		
3	64QAM	8	7	19.30	19.36	19.34		
3	64QAM	15	0	19.30	19.31	19.34		
3	256QAM	1	0	17.45	17.53	17.42	19	5
3	256QAM	1	8	17.38	17.43	17.42		
3	256QAM	1	14	17.39	17.48	17.36		
3	256QAM	8	0	17.36	17.41	17.37	19	5
3	256QAM	8	4	17.45	17.42	17.41		
3	256QAM	8	7	17.35	17.50	17.43		
3	256QAM	15	0	17.40	17.37	17.37		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.30	22.44	22.29	24	0
1.4	QPSK	1	3	22.27	22.33	22.36		
1.4	QPSK	1	5	22.27	22.33	22.34		
1.4	QPSK	3	0	22.30	22.44	22.28		
1.4	QPSK	3	1	22.29	22.33	22.29		
1.4	QPSK	3	3	22.28	22.40	22.33		
1.4	QPSK	6	0	21.29	21.31	21.24	23	1
1.4	16QAM	1	0	21.30	21.33	21.28	23	1
1.4	16QAM	1	3	21.29	21.33	21.31		
1.4	16QAM	1	5	21.24	21.32	21.22		
1.4	16QAM	3	0	21.53	21.64	21.66		
1.4	16QAM	3	1	21.64	21.69	21.62		
1.4	16QAM	3	3	21.70	21.70	21.57		
1.4	16QAM	6	0	20.26	20.29	20.23	22	2
1.4	64QAM	1	0	20.30	20.30	20.20	22	2
1.4	64QAM	1	3	20.31	20.26	20.21		
1.4	64QAM	1	5	20.29	20.24	20.20		
1.4	64QAM	3	0	20.48	20.45	20.35		
1.4	64QAM	3	1	20.42	20.39	20.34		
1.4	64QAM	3	3	20.32	20.48	20.46		
1.4	64QAM	6	0	19.20	19.29	19.30	21	3
1.4	256QAM	1	0	17.34	17.39	17.38	19	5
1.4	256QAM	1	3	17.33	17.39	17.35		
1.4	256QAM	1	5	17.40	17.36	17.36		
1.4	256QAM	3	0	17.34	17.40	17.40		
1.4	256QAM	3	1	17.33	17.41	17.33		
1.4	256QAM	3	3	17.39	17.42	17.30		
1.4	256QAM	6	0	17.38	17.35	17.30	19	5

Band 4 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.37	22.45	22.44	24	0
20	QPSK	1	49	22.42	22.40	22.39		
20	QPSK	1	99	20.21	20.38	22.33		
20	QPSK	50	0	21.38	21.43	21.36	23	1
20	QPSK	50	24	21.32	21.38	21.30		
20	QPSK	50	50	21.30	21.38	21.27		
20	QPSK	100	0	21.36	21.41	21.35		
20	16QAM	1	0	21.57	21.71	21.71	23	1
20	16QAM	1	49	21.66	21.80	21.66		
20	16QAM	1	99	21.79	21.74	21.56		
20	16QAM	50	0	20.21	20.38	20.26	22	2
20	16QAM	50	24	20.30	20.34	20.27		
20	16QAM	50	50	20.39	20.30	20.29		
20	16QAM	100	0	20.35	20.38	20.27		
20	64QAM	1	0	20.46	20.34	20.50	22	2
20	64QAM	1	49	20.47	20.53	20.42		
20	64QAM	1	99	20.44	20.60	20.57		
20	64QAM	50	0	19.44	19.30	19.35	21	3
20	64QAM	50	24	19.31	19.37	19.34		
20	64QAM	50	50	19.35	19.38	19.32		
20	64QAM	100	0	19.30	19.25	19.40		
20	256QAM	1	0	17.39	17.42	17.44	19	5
20	256QAM	1	49	17.45	17.45	17.43		
20	256QAM	1	99	17.45	17.38	17.45		
20	256QAM	50	0	17.38	17.44	17.44	19	5
20	256QAM	50	24	17.45	17.46	17.44		
20	256QAM	50	50	17.47	17.47	17.44		
20	256QAM	100	0	17.41	17.39	17.45		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.34	22.40	22.35	24	0
15	QPSK	1	37	22.34	22.35	22.32		
15	QPSK	1	74	22.35	22.36	22.29		
15	QPSK	36	0	21.22	21.34	21.22	23	1
15	QPSK	36	20	21.32	21.27	21.24		
15	QPSK	36	39	21.32	21.29	21.22		
15	QPSK	75	0	21.29	21.26	21.19		
15	16QAM	1	0	21.60	21.66	21.66	23	1
15	16QAM	1	37	21.68	21.71	21.69		
15	16QAM	1	74	21.75	21.80	21.57		
15	16QAM	36	0	20.23	20.31	20.22	22	2
15	16QAM	36	20	20.22	20.26	20.31		
15	16QAM	36	39	20.32	20.33	20.20		
15	16QAM	75	0	20.33	20.29	20.29		
15	64QAM	1	0	20.45	20.50	20.35	22	2
15	64QAM	1	37	20.37	20.45	20.37		
15	64QAM	1	74	20.33	20.57	20.46		
15	64QAM	36	0	19.35	19.32	19.25	21	3
15	64QAM	36	20	19.26	19.33	19.36		
15	64QAM	36	39	19.30	19.38	19.23		
15	64QAM	75	0	19.23	19.30	19.27		
15	256QAM	1	0	17.37	17.38	17.37	19	5
15	256QAM	1	37	17.35	17.37	17.34		
15	256QAM	1	74	17.42	17.39	17.36		
15	256QAM	36	0	17.35	17.36	17.39	19	5
15	256QAM	36	20	17.38	17.37	17.38		
15	256QAM	36	39	17.41	17.37	17.31		
15	256QAM	75	0	17.34	17.41	17.29		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.40	22.39	22.36	24	0
10	QPSK	1	25	22.37	22.40	22.32		
10	QPSK	1	49	22.32	22.34	22.37		
10	QPSK	25	0	21.25	21.36	21.33	23	1
10	QPSK	25	12	21.32	21.24	21.24		
10	QPSK	25	25	21.25	21.36	21.32		
10	QPSK	50	0	21.31	21.29	21.26		
10	16QAM	1	0	21.54	21.67	21.67	23	1
10	16QAM	1	25	21.66	21.75	21.67		
10	16QAM	1	49	21.73	21.72	21.55		
10	16QAM	25	0	20.25	20.38	20.30	22	2
10	16QAM	25	12	20.20	20.30	20.20		
10	16QAM	25	25	20.28	20.24	20.28		
10	16QAM	50	0	20.30	20.26	20.22		
10	64QAM	1	0	20.39	20.41	20.40	22	2
10	64QAM	1	25	20.43	20.37	20.35		
10	64QAM	1	49	20.34	20.54	20.44		
10	64QAM	25	0	19.35	19.39	19.29	21	3
10	64QAM	25	12	19.25	19.39	19.30		
10	64QAM	25	25	19.24	19.34	19.20		
10	64QAM	50	0	19.27	19.26	19.34		
10	256QAM	1	0	17.33	17.44	17.32	19	5
10	256QAM	1	25	17.30	17.46	17.42		
10	256QAM	1	49	17.41	17.38	17.40		
10	256QAM	25	0	17.37	17.36	17.40	19	5
10	256QAM	25	12	17.37	17.40	17.40		
10	256QAM	25	25	17.30	17.38	17.32		
10	256QAM	50	0	17.38	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	22.37	22.42	22.32	24	0
5	QPSK	1	12	22.31	22.37	22.33		
5	QPSK	1	24	22.32	22.33	22.27		
5	QPSK	12	0	21.25	21.27	21.30	23	1
5	QPSK	12	7	21.27	21.27	21.25		
5	QPSK	12	13	21.24	21.37	21.27		
5	QPSK	25	0	21.21	21.30	21.20		
5	16QAM	1	0	21.54	21.61	21.69	23	1
5	16QAM	1	12	21.68	21.76	21.62		
5	16QAM	1	24	21.66	21.70	21.59		
5	16QAM	12	0	20.17	20.31	20.19	22	2
5	16QAM	12	7	20.24	20.26	20.19		
5	16QAM	12	13	20.32	20.23	20.21		
5	16QAM	25	0	20.23	20.32	20.29		
5	64QAM	1	0	20.44	20.52	20.43	22	2
5	64QAM	1	12	20.44	20.43	20.40		
5	64QAM	1	24	20.32	20.56	20.55		
5	64QAM	12	0	19.33	19.31	19.22	21	3
5	64QAM	12	7	19.20	19.34	19.28		
5	64QAM	12	13	19.26	19.34	19.26		
5	64QAM	25	0	19.24	19.34	19.30		
5	256QAM	1	0	17.38	17.41	17.40	19	5
5	256QAM	1	12	17.34	17.45	17.43		
5	256QAM	1	24	17.35	17.41	17.32		
5	256QAM	12	0	17.31	17.40	17.41	19	5
5	256QAM	12	7	17.30	17.33	17.41		
5	256QAM	12	13	17.29	17.34	17.33		
5	256QAM	25	0	17.30	17.33	17.39		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.41	22.35	22.28	24	0
3	QPSK	1	8	22.29	22.35	22.31		
3	QPSK	1	14	22.25	22.34	22.30		
3	QPSK	8	0	21.27	21.35	21.27	23	1
3	QPSK	8	4	21.28	21.26	21.29		
3	QPSK	8	7	21.24	21.37	21.28		
3	QPSK	15	0	21.23	21.32	21.28		
3	16QAM	1	0	21.52	21.62	21.71	23	1
3	16QAM	1	8	21.65	21.74	21.68		
3	16QAM	1	14	21.70	21.71	21.60		
3	16QAM	8	0	20.23	20.28	20.29	22	2
3	16QAM	8	4	20.30	20.33	20.21		
3	16QAM	8	7	20.25	20.28	20.27		
3	16QAM	15	0	20.25	20.29	20.28		
3	64QAM	1	0	20.45	20.51	20.40	22	2
3	64QAM	1	8	20.45	20.44	20.37		
3	64QAM	1	14	20.32	20.55	20.48		
3	64QAM	8	0	19.38	19.33	19.26	21	3
3	64QAM	8	4	19.20	19.40	19.31		
3	64QAM	8	7	19.25	19.36	19.28		
3	64QAM	15	0	19.20	19.21	19.29		
3	256QAM	1	0	17.40	17.47	17.35	19	5
3	256QAM	1	8	17.32	17.46	17.45		
3	256QAM	1	14	17.33	17.39	17.37		
3	256QAM	8	0	17.34	17.32	17.36	19	5
3	256QAM	8	4	17.36	17.39	17.34		
3	256QAM	8	7	17.30	17.39	17.35		
3	256QAM	15	0	17.40	17.33	17.30		
Channel				19987	20175	20363	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.28	22.41	22.26	24	0
1.4	QPSK	1	3	22.31	22.28	22.31		
1.4	QPSK	1	5	22.23	22.27	22.28		
1.4	QPSK	3	0	22.33	22.39	22.33		
1.4	QPSK	3	1	22.27	22.31	22.31		
1.4	QPSK	3	3	22.30	22.35	22.35		
1.4	QPSK	6	0	21.28	21.36	21.19	23	1
1.4	16QAM	1	0	21.24	21.36	21.25	23	1
1.4	16QAM	1	3	21.23	21.37	21.30		
1.4	16QAM	1	5	21.19	21.37	21.23		
1.4	16QAM	3	0	21.54	21.68	21.66		
1.4	16QAM	3	1	21.69	21.65	21.66		
1.4	16QAM	3	3	21.69	21.75	21.55		
1.4	16QAM	6	0	20.23	20.25	20.22	22	2
1.4	64QAM	1	0	20.24	20.34	20.21	22	2
1.4	64QAM	1	3	20.28	20.32	20.24		
1.4	64QAM	1	5	20.33	20.18	20.16		
1.4	64QAM	3	0	20.50	20.50	20.35		
1.4	64QAM	3	1	20.41	20.43	20.38		
1.4	64QAM	3	3	20.31	20.50	20.45		
1.4	64QAM	6	0	19.17	19.28	19.25	21	3
1.4	256QAM	1	0	17.37	17.44	17.37	19	5
1.4	256QAM	1	3	17.38	17.34	17.34		
1.4	256QAM	1	5	17.38	17.40	17.31		
1.4	256QAM	3	0	17.32	17.42	17.43		
1.4	256QAM	3	1	17.31	17.44	17.29		
1.4	256QAM	3	3	17.35	17.37	17.34		
1.4	256QAM	6	0	17.38	17.34	17.34	19	5

Band 7 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.57	22.67	22.63	24	0
20	QPSK	1	49	22.47	22.59	22.54		
20	QPSK	1	99	22.52	22.53	22.51		
20	QPSK	50	0	21.51	21.57	21.53	23	1
20	QPSK	50	24	21.51	21.49	21.42		
20	QPSK	50	50	21.53	21.53	21.47		
20	QPSK	100	0	21.47	21.55	21.50		
20	16QAM	1	0	21.76	21.85	21.83	23	1
20	16QAM	1	49	21.86	21.96	21.77		
20	16QAM	1	99	21.92	21.91	21.78		
20	16QAM	50	0	20.47	20.60	20.46	22	2
20	16QAM	50	24	20.45	20.49	20.46		
20	16QAM	50	50	20.46	20.54	20.49		
20	16QAM	100	0

Band 38 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.37	22.46	22.38	24	0
20	QPSK	1	49	22.43	22.40	22.33		
20	QPSK	1	99	22.40	22.36	22.32		
20	QPSK	50	0	21.29	21.40	21.37	23	1
20	QPSK	50	24	21.31	21.38	21.32		
20	QPSK	50	50	21.29	21.39	21.28		
20	QPSK	100	0	21.28	21.37	21.32		
20	16QAM	1	0	21.60	21.66	21.74	23	1
20	16QAM	1	49	21.72	21.82	21.67		
20	16QAM	1	99	21.74	21.76	21.61		
20	16QAM	50	0	20.25	20.37	20.30	22	2
20	16QAM	50	24	20.24	20.31	20.26		
20	16QAM	50	50	20.27	20.28	20.27		
20	16QAM	100	0	20.31	20.34	20.29		
20	64QAM	1	0	20.51	20.57	20.47	22	2
20	64QAM	1	49	20.40	20.43	20.44		
20	64QAM	1	99	20.37	20.56	20.59		
20	64QAM	50	0	19.40	19.39	19.32	21	3
20	64QAM	50	24	19.34	19.44	19.41		
20	64QAM	50	50	19.32	19.35	19.28		
20	64QAM	100	0	19.30	19.26	19.40		
20	256QAM	1	0	17.44	17.41	17.34	19	5
20	256QAM	1	49	17.40	17.46	17.41		
20	256QAM	1	99	17.42	17.45	17.34		
20	256QAM	50	0	17.41	17.44	17.36	19	5
20	256QAM	50	24	17.44	17.41	17.36		
20	256QAM	50	50	17.44	17.44	17.45		
20	256QAM	100	0	17.41	17.46	17.43		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.37	22.45	22.35	24	0
15	QPSK	1	37	22.32	22.41	22.36		
15	QPSK	1	74	22.32	22.37	22.41		
15	QPSK	36	0	21.35	21.39	21.30	23	1
15	QPSK	36	20	21.37	21.40	21.23		
15	QPSK	36	39	21.29	21.36	21.37		
15	QPSK	75	0	21.29	21.38	21.31		
15	16QAM	1	0	21.66	21.73	21.66	23	1
15	16QAM	1	37	21.72	21.76	21.68		
15	16QAM	1	74	21.71	21.72	21.59		
15	16QAM	36	0	20.23	20.41	20.34	22	2
15	16QAM	36	20	20.33	20.32	20.29		
15	16QAM	36	39	20.28	20.34	20.23		
15	16QAM	75	0	20.32	20.31	20.33		
15	64QAM	1	0	20.50	20.48	20.44	22	2
15	64QAM	1	37	20.42	20.46	20.41		
15	64QAM	1	74	20.38	20.55	20.57		
15	64QAM	36	0	19.37	19.35	19.28	21	3
15	64QAM	36	20	19.27	19.45	19.43		
15	64QAM	36	39	19.30	19.33	19.26		
15	64QAM	75	0	19.31	19.25	19.43		
15	256QAM	1	0	17.46	17.47	17.38	19	5
15	256QAM	1	37	17.43	17.44	17.42		
15	256QAM	1	74	17.35	17.41	17.45		
15	256QAM	36	0	17.41	17.42	17.44	19	5
15	256QAM	36	20	17.37	17.40	17.39		
15	256QAM	36	39	17.35	17.41	17.42		
15	256QAM	75	0	17.36	17.43	17.46		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.42	22.42	22.36	24	0
10	QPSK	1	25	22.38	22.42	22.39		
10	QPSK	1	49	22.39	22.35	22.37		
10	QPSK	25	0	21.34	21.43	21.27	23	1
10	QPSK	25	12	21.27	21.34	21.32		
10	QPSK	25	25	21.35	21.34	21.37		
10	QPSK	50	0	21.29	21.36	21.33		
10	16QAM	1	0	21.63	21.76	21.71	23	1
10	16QAM	1	25	21.70	21.74	21.68		
10	16QAM	1	49	21.78	21.77	21.65		
10	16QAM	25	0	20.23	20.33	20.28	22	2
10	16QAM	25	12	20.27	20.37	20.25		
10	16QAM	25	25	20.31	20.33	20.25		
10	16QAM	50	0	20.29	20.38	20.30		
10	64QAM	1	0	20.52	20.57	20.49	22	2
10	64QAM	1	25	20.51	20.46	20.44		
10	64QAM	1	49	20.35	20.54	20.59		
10	64QAM	25	0	19.42	19.35	19.26	21	3
10	64QAM	25	12	19.31	19.34	19.44		
10	64QAM	25	25	19.24	19.41	19.29		
10	64QAM	50	0	19.33	19.35	19.34		
10	256QAM	1	0	17.41	17.47	17.36	19	5
10	256QAM	1	25	17.41	17.44	17.48		
10	256QAM	1	49	17.45	17.48	17.45		
10	256QAM	25	0	17.41	17.40	17.38	19	5
10	256QAM	25	12	17.34	17.46	17.42		
10	256QAM	25	25	17.37	17.40	17.35		
10	256QAM	50	0	17.44	17.45	17.36		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.40	22.43	22.36	24	0
5	QPSK	1	12	22.34	22.42	22.37		
5	QPSK	1	24	22.34	22.37	22.36		
5	QPSK	12	0	21.26	21.38	21.35	23	1
5	QPSK	12	7	21.30	21.39	21.26		
5	QPSK	12	13	21.34	21.41	21.31		
5	QPSK	25	0	21.24	21.39	21.35		
5	16QAM	1	0	21.57	21.66	21.75	23	1
5	16QAM	1	12	21.72	21.81	21.71		
5	16QAM	1	24	21.71	21.74	21.58		
5	16QAM	12	0	20.29	20.44	20.26	22	2
5	16QAM	12	7	20.27	20.28	20.26		
5	16QAM	12	13	20.33	20.28	20.34		
5	16QAM	25	0	20.32	20.32	20.24		
5	64QAM	1	0	20.48	20.49	20.45	22	2
5	64QAM	1	12	20.44	20.44	20.50		
5	64QAM	1	24	20.32	20.61	20.56		
5	64QAM	12	0	19.44	19.38	19.31	21	3
5	64QAM	12	7	19.29	19.46	19.40		
5	64QAM	12	13	19.26	19.32	19.32		
5	64QAM	25	0	19.30	19.30	19.38		
5	256QAM	1	0	17.42	17.51	17.44	19	5
5	256QAM	1	12	17.45	17.47	17.51		
5	256QAM	1	24	17.40	17.43	17.44		
5	256QAM	12	0	17.41	17.49	17.43	19	5
5	256QAM	12	7	17.37	17.48	17.44		
5	256QAM	12	13	17.41	17.47	17.44		
5	256QAM	25	0	17.42	17.46	17.39		

Band 41 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.36	22.42	22.49	22.45	22.41	24	0
20	QPSK	1	49	22.39	22.42	22.31	22.45	22.36		
20	QPSK	1	99	22.31	22.45	22.40	22.46	22.42		
20	QPSK	50	0	21.29	21.39	21.45	21.35	21.34	23	1
20	QPSK	50	24	21.31	21.34	21.30	21.34	21.26		
20	QPSK	50	50	21.33	21.31	21.33	21.38	21.32		
20	QPSK	100	0	21.34	21.38	21.41	21.30	21.32		
20	16QAM	1	0	21.56	21.67	21.59	21.76	21.77	23	1
20	16QAM	1	49	21.67	21.83	21.74	21.77	21.67		
20	16QAM	1	99	21.72	21.71	21.77	21.78	21.67		
20	16QAM	50	0	20.29	20.45	20.25	20.43	20.30	22	2
20	16QAM	50	24	20.26	20.30	20.27	20.31	20.25		
20	16QAM	50	50	20.35	20.28	20.32	20.28	20.25		
20	16QAM	100	0	20.36	20.35	20.30	20.37	20.35		
20	64QAM	1	0	20.44	20.53	20.48	20.51	20.41	22	2
20	64QAM	1	49	20.50	20.48	20.43	20.44	20.43		
20	64QAM	1	99	20.36	20.59	20.43	20.54	20.56		
20	64QAM	50	0	19.39	19.33	19.41	19.34	19.27	21	3
20	64QAM	50	24	19.33	19.38	19.29	19.36	19.32		
20	64QAM	50	50	19.34	19.38	19.33	19.40	19.24		
20	64QAM	100	0	19.35	19.33	19.24	19.30	19.33		
20	256QAM	1	0	17.38	17.45	17.41	17.53	17.44	19	5
20	256QAM	1	49	17.36	17.44	17.41	17.50	17.48		
20	256QAM	1	99	17.42	17.43	17.36	17.42	17.35		
20	256QAM	50	0	17.36	17.41	17.45	17.42	17.43	19	5
20	256QAM	50	24	17.43	17.39	17.44	17.48	17.40		
20	256QAM	50	50	17.37	17.43	17.39	17.46	17.44		
20	256QAM	100	0	17.39	17.47	17.44	17.41	17.46		
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	22.44	22.48	22.43	22.44	22.39	24	0
15	QPSK	1	37	22.32	22.37	22.33	22.42	22.35		
15	QPSK	1	74	22.33	22.39	22.32	22.45	22.33		
15	QPSK	36	0	21.27	21.39	21.37	21.33	21.26	23	1
15	QPSK	36	20	21.34	21.35	21.37	21.37	21.28		
15	QPSK	36	39	21.33	21.39	21.27	21.31	21.38		
15	QPSK	75	0	21.32	21.29	21.27	21.35	21.35		
15	16QAM	1	0	21.57	21.66	21.59	21.69	21.77	23	1
15	16QAM	1	37	21.71	21.77	21.70	21.75	21.68		
15	16QAM	1	74	21.72	21.76	21.75	21.73	21.61		
15	16QAM	36	0	20.29	20.34	20.27	20.45	20.34	22	2
15	16QAM	36	20	20.26	20.28	20.31	20.29	20.30		
15	16QAM	36	39	20.37	20.34	20.39	20.30	20.34		
15	16QAM	75	0	20.35	20.39	20.32	20.29	20.35		
15	64QAM	1	0	20.48	20.50	20.49	20.53	20.50	22	2
15	64QAM	1	37	20.43	20.42	20.45	20.49	20.48		
15	64QAM	1	74	20.33	20.59	20.32	20.51	20.57		
15	64QAM	36	0	19.38	19.29	19.43	19.32	19.25	21	3
15	64QAM	36	20	19.31	19.44	19.34	19.36	19.40		
15	64QAM	36	39	19.28	19.42	19.27	19.44	19.31		
15	64QAM	75	0	19.33	19.34	19.26	19.32	19.42		
15	256QAM	1	0	17.40	17.42	17.44	17.42	17.34	19	5
15	256QAM	1	37	17.45	17.44	17.42	17.47	17.48		
15	256QAM	1	74	17.41	17.49	17.42	17.49	17.35		
15	256QAM	36	0	17.37	17.48	17.37	17.38	17.45	19	5
15	256QAM	36	20	17.44	17.43	17.36	17.46	17.45		
15	256QAM	36	39	17.43	17.39	17.37	17.39	17.41		
15	256QAM	75	0	17.44	17.49	17.36	17.40	17.35		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.37	22.46	22.37	22.44	22.35	24	0
10	QPSK	1	25	22.35	22.45	22.34	22.47	22.33		
10	QPSK	1	49	22.39	22.37	22.35	22.46	22.36		
10	QPSK	25	0	21.26	21.33	21.30	21.42	21.35	23	1
10	QPSK	25	12	21.31	21.31	21.36	21.36	21.22		
10	QPSK	25	25	21.27	21.39	21.37	21.39	21.27		
10	QPSK	50	0	21.28	21.32	21.29	21.30	21.33		
10	16QAM	1	0	21.61	21.72	21.55	21.74	21.75	23	1
10	16QAM	1	25	21.66	21.83	21.64	21.82	21.71		
10	16QAM	1	49	21.72	21.80	21.75	21.78	21.58		
10	16QAM	25	0	20.28	20.34	20.30	20.37	20.27	22	2
10	16QAM	25	12	20.24	20.37	20.33	20.37	20.36		
10	16QAM	25	25	20.36	20.35	20.28	20.35	20.31		
10	16QAM	50	0	20.31	20.34	20.37	20.40	20.29		
10	64QAM	1	0	20.51	20.48	20.43	20.58	20.45	22	2
10	64QAM	1	25	20.52	20.46	20.44	20.51	20.43		
10	64QAM	1	49	20.43	20.62	20.38	20.53	20.56		
10	64QAM	25	0	19.44	19.37	19.43	19.38	19.33	21	3
10	64QAM	25	12	19.33	19.42	19.32	19.45	19.42		
10	64QAM	25	25	19.26	19.42	19.26	19.40	19.35		
10	64QAM	50	0	19.32	19.24	19.36	19.30	19.37		
10	256QAM	1	0	17.45	17.45	17.43	17.51	17.46	19	5
10	256QAM	1	25	17.37	17.49	17.40	17.49	17.50		
10	256QAM	1	49	17.41	17.48	17.40	17.38	17.42		
10	256QAM	25	0	17.43	17.48	17.42	17.40	17.37	19	5
10	256QAM	25	12	17.37	17.39	17.36	17.42	17.38		
10	256QAM	25	25	17.37	17.45	17.36	17.48	17.43		
10	256QAM	50	0	17.38	17.45	17.35	17.41	17.40		
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	22.38	22.45	22.37	22.48	22.43	24	0
5	QPSK	1	12	22.38	22.47	22.37	22.43	22.34		
5	QPSK	1	24	22.32	22.45	22.42	22.40	22.40		
5	QPSK	12	0	21.31	21.40	21.38	21.33	21.36	23	1
5	QPSK	12	7	21.26	21.29	21.35	21.32	21.23		
5	QPSK	12	13	21.37	21.39	21.37	21.38	21.26		
5	QPSK	25	0	21.24	21.32	21.31	21.34	21.35		
5	16QAM	1	0	21.60	21.70	21.65	21.75	21.69	23	1
5	16QAM	1	12	21.67	21.73	21.63	21.81	21.62		
5	16QAM	1	24	21.75	21.71	21.76	21.76	21.59		
5	16QAM	12	0	20.31	20.44	20.23	20.34	20.25	22	2
5	16QAM	12	7	20.36	20.36	20.26	20.30	20.27		
5	16QAM	12	13	20.28	20.37	20.30	20.35	20.34		
5	16QAM	25	0	20.38	20.39	20.34	20.34	20.27		
5	64QAM	1	0	20.45	20.48	20.45	20.48	20.47	22	2
5	64QAM	1	12	20.46	20.45	20.49	20.47	20.49		
5	64QAM	1	24	20.41	20.57	20.36	20.54	20.54		
5	64QAM	12	0	19.38	19.34	19.36	19.28	19.31	21	3
5	64QAM	12	7	19.35	19.41	19.26	19.39	19.39		
5	64QAM	12	13	19.28	19.35	19.30	19.39	19.26		
5	64QAM	25	0	19.29	19.30	19.34	19.32	19.32		
5	256QAM	1	0	17.43	17.41	17.45	17.46	17.37	19	5
5	256QAM	1	12	17.43	17.42	17.39	17.43	17.46		
5	256QAM	1	24	17.37	17.39	17.42	17.37	17.46		
5	256QAM	12	0	17.42	17.40	17.41	17.45	17.40	19	5
5	256QAM	12	7	17.37	17.44	17.45	17.44	17.41		
5	256QAM	12	13	17.37	17.46	17.35	17.46	17.39		
5	256QAM	25	0	17.44	17.48	17.42	17.42	17.45		

Band 2 Ant9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.05	20.08	20.02	21.2	0
20	QPSK	1	49	19.93	20.01	19.94		
20	QPSK	1	99	19.94	19.95	19.97		
20	QPSK	50	0	20.05	20.07	20.01	21.2	0
20	QPSK	50	24	20.01	20.01	20.00		
20	QPSK	50	50	19.99	19.99	20.01		
20	QPSK	100	0	20.00	20.02	19.97		
20	16QAM	1	0	19.94	19.96	19.94	21.2	0
20	16QAM	1	49	19.98	20.00	19.93		
20	16QAM	1	99	19.94	20.03	19.98		
20	16QAM	50	0	20.02	20.06	19.97	21.2	0
20	16QAM	50	24	19.99	19.99	19.97		
20	16QAM	50	50	20.01	19.96	19.96		
20	16QAM	100	0	19.98	20.06	19.99		
20	64QAM	1	0	20.05	20.05	20.03	21.2	0
20	64QAM	1	49	20.01	20.04	20.01		
20	64QAM	1	99	19.98	19.97	19.95		
20	64QAM	50	0	19.50	19.35	19.39	21	0.2
20	64QAM	50	24	19.30	19.43	19.40		
20	64QAM	50	50	19.38	19.40	19.41		
20	64QAM	100	0	19.29	19.35	19.47		
20	256QAM	1	0	17.44	17.48	17.47	19	2.2
20	256QAM	1	49	17.46	17.54	17.49		
20	256QAM	1	99	17.49	17.48	17.41		
20	256QAM	50	0	17.41	17.52	17.39	19	2.2
20	256QAM	50	24	17.50	17.52	17.43		
20	256QAM	50	50	17.50	17.50	17.46		
20	256QAM	100	0	17.50	17.54	17.42		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.98	19.97	19.89	21.2	0
15	QPSK	1	37	19.89	19.91	19.92		
15	QPSK	1	74	19.87	20.00	19.95		
15	QPSK	36	0	19.97	19.98	19.91	21.2	0
15	QPSK	36	20	19.88	19.96	19.98		
15	QPSK	36	39	19.87	19.91	19.93		
15	QPSK	75	0	19.94	19.93	19.91		
15	16QAM	1	0	19.92	19.98	19.91	21.2	0
15	16QAM	1	37	19.91	19.92	19.97		
15	16QAM	1	74	19.98	19.95	19.89		
15	16QAM	36	0	19.95	19.98	19.98	21.2	0
15	16QAM	36	20	19.97	19.99	19.88		
15	16QAM	36	39	19.91	19.96	19.96		
15	16QAM	75	0	19.92	19.99	19.93		
15	64QAM	1	0	19.88	19.97	19.88	21.2	0
15	64QAM	1	37	19.94	19.97	19.98		
15	64QAM	1	74	19.93	19.96	19.95		
15	64QAM	36	0	19.40	19.37	19.28	21	0.2
15	64QAM	36	20	19.27	19.37	19.43		
15	64QAM	36	39	19.30	19.41	19.35		
15	64QAM	75	0	19.36	19.32	19.34		
15	256QAM	1	0	17.35	17.49	17.40	19	2.2
15	256QAM	1	37	17.39	17.46	17.48		
15	256QAM	1	74	17.39	17.41	17.41		
15	256QAM	36	0	17.45	17.38	17.43	19	2.2
15	256QAM	36	20	17.37	17.45	17.41		
15	256QAM	36	39	17.38	17.38	17.36		
15	256QAM	75	0	17.43	17.45	17.44		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.88	19.96	19.92	21.2	0
10	QPSK	1	25	19.91	19.98	19.89		
10	QPSK	1	49	19.94	20.00	19.95		
10	QPSK	25	0	19.98	19.98	19.98	21.2	0
10	QPSK	25	12	19.96	19.97	19.88		
10	QPSK	25	25	19.91	19.94	19.89		
10	QPSK	50	0	20.00	20.00	19.92		
10	16QAM	1	0	19.95	19.97	19.93	21.2	0
10	16QAM	1	25	19.88	19.91	19.95		
10	16QAM	1	49	19.94	19.95	19.95		
10	16QAM	25	0	19.95	19.92	19.87	21.2	0
10	16QAM	25	12	19.98	19.99	19.93		
10	16QAM	25	25	19.98	19.89	19.89		
10	16QAM	50	0	19.91	19.95	19.97		
10	64QAM	1	0	19.98	19.93	19.99	21.2	0
10	64QAM	1	25	19.88	19.92	19.92		
10	64QAM	1	49	19.98	19.91	19.90		
10	64QAM	25	0	19.35	19.29	19.30	21	0.2
10	64QAM	25	12	19.34	19.40	19.34		
10	64QAM	25	25	19.32	19.41	19.25		
10	64QAM	50	0	19.30	19.31	19.41		
10	256QAM	1	0	17.45	17.42	17.42	19	2.2
10	256QAM	1	25	17.41	17.40	17.45		
10	256QAM	1	49	17.48	17.44	17.44		
10	256QAM	25	0	17.34	17.48	17.40	19	2.2
10	256QAM	25	12	17.42	17.39	17.36		
10	256QAM	25	25	17.38	17.39	17.39		
10	256QAM	50	0	17.46	17.40	17.40		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.89	19.99	19.95	21.2	0
5	QPSK	1	12	19.93	19.91	19.94		
5	QPSK	1	24	19.91	19.90	19.97		
5	QPSK	12	0	19.92	19.90	19.88	21.2	0
5	QPSK	12	7	19.98	19.99	19.89		
5	QPSK	12	13	19.90	19.93	19.95		
5	QPSK	25	0	19.99	20.01	19.98		
5	16QAM	1	0	19.90	19.90	19.88	21.2	0
5	16QAM	1	12	19.95	19.97	19.91		
5	16QAM	1	24	19.98	19.94	19.97		
5	16QAM	12	0	19.98	19.92	19.94	21.2	0
5	16QAM	12	7	19.93	19.99	19.91		
5	16QAM	12	13	19.96	19.96	19.94		
5	16QAM	25	0	19.95	19.97	19.92		
5	64QAM	1	0	19.90	19.95	19.95	21.2	0
5	64QAM	1	12	19.89	19.95	19.93		
5	64QAM	1	24	19.97	19.90	19.92		
5	64QAM	12	0	19.35	19.31	19.32	21	0.2
5	64QAM	12	7	19.25	19.34	19.41		
5	64QAM	12	13	19.30	19.38	19.25		
5	64QAM	25	0	19.25	19.31	19.37		
5	256QAM	1	0	17.45	17.41	17.41	19	2.2
5	256QAM	1	12	17.41	17.46	17.49		
5	256QAM	1	24	17.38	17.48	17.45		
5	256QAM	12	0	17.44	17.45	17.46	19	2.2
5	256QAM	12	7	17.44	17.39	17.35		
5	256QAM	12	13	17.39	17.38	17.37		
5	256QAM	25	0	17.40	17.46	17.35		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.88	19.95	19.88	21.2	0
3	QPSK	1	8	19.96	19.98	19.91		
3	QPSK	1	14	19.91	19.89	19.87		
3	QPSK	8	0	19.92	19.90	19.94	21.2	0
3	QPSK	8	4	19.95	19.98	19.97		
3	QPSK	8	7	19.95	19.94	19.95		
3	QPSK	15	0	19.91	20.00	19.98		
3	16QAM	1	0	19.99	19.98	19.90	21.2	0
3	16QAM	1	8	19.89	19.97	19.95		
3	16QAM	1	14	19.98	19.97	19.93		
3	16QAM	8	0	19.98	19.91	19.87	21.2	0
3	16QAM	8	4	19.99	19.91	19.94		
3	16QAM	8	7	19.89	19.95	19.96		
3	16QAM	15	0	19.98	19.94	19.91		
3	64QAM	1	0	19.89	19.98	19.87	21.2	0
3	64QAM	1	8	19.91	19.91	19.97		
3	64QAM	1	14	19.94	19.97	19.90		
3	64QAM	8	0	19.94	19.27	19.35	21	0.2
3	64QAM	8	4	19.25	19.40	19.44		
3	64QAM	8	7	19.29	19.42	19.35		
3	64QAM	15	0	19.25	19.34	19.42		
3	256QAM	1	0	17.37	17.46	17.27	19	2.2
3	256QAM	1	8	17.39	17.52	17.40		
3	256QAM	1	14	17.36	17.43	17.43		
3	256QAM	8	0	17.45	17.48	17.43	19	2.2
3	256QAM	8	4	17.41	17.41	17.39		
3	256QAM	8	7	17.35	17.39	17.44		
3	256QAM	15	0	17.44	17.38	17.39		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.95	19.98	19.93	21.2	0
1.4	QPSK	1	3	19.90	19.97	19.98		
1.4	QPSK	1	5	19.92	19.92	19.90		
1.4	QPSK	3	0	19.89	19.92	19.92		
1.4	QPSK	3	1	19.96	19.94	19.98		
1.4	QPSK	3	3	19.92	20.00	19.89		
1.4	QPSK	6	0	19.96	19.90	19.96	21.2	0
1.4	16QAM	1	0	19.92	19.91	19.90	21.2	0
1.4	16QAM	1	3	19.99	19.94	19.91		
1.4	16QAM	1	5	19.88	19.91	19.94		
1.4	16QAM	3	0	19.98	19.92	19.91		
1.4	16QAM	3	1	19.98	19.91	19.97		
1.4	16QAM	3	3	19.92	19.93	19.97		
1.4	16QAM	6	0	19.93	19.93	19.93	21.2	0
1.4	64QAM	1	0	19.93	20.00	19.99	21.2	0
1.4	64QAM	1	3	19.89	19.93	19.93		
1.4	64QAM	1	5	19.90	19.93	19.94		
1.4	64QAM	3	0	19.87	19.97	19.89		
1.4	64QAM	3	1	19.97	20.00	19.92		
1.4	64QAM	3	3	19.89	19.92	19.88		
1.4	64QAM	6	0	19.97	19.97	19.91	21	0.2
1.4	256QAM	1	0	17.35	17.45	17.39	19	2.2
1.4	256QAM	1	3	17.45	17.51	17.51		
1.4	256QAM	1	5	17.40	17.46	17.39		
1.4	256QAM	3	0	17.44	17.38	17.36		
1.4	256QAM	3	1	17.43	17.46	17.43		
1.4	256QAM	3	3	17.34	17.43	17.41		
1.4	256QAM	6	0	17.41	17.41	17.44	19	2.2

Band 4 Ant9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.41	22.46	22.42	24	0
20	QPSK	1	49	22.40	22.38	22.35		
20	QPSK	1	99	22.36	22.41	22.41		
20	QPSK	50	0	21.33	21.42	21.32	23	1
20	QPSK	50	24	21.35	21.36	21.32		
20	QPSK	50	50	21.33	21.41	21.31		
20	QPSK	100	0	21.35	21.39	21.33		
20	16QAM	1	0	21.55	21.87	21.68	23	1
20	16QAM	1	49	21.64	21.76	21.65		
20	16QAM	1	99	21.79	21.77	21.63		
20	16QAM	50	0	20.25	20.37	20.36	22	2
20	16QAM	50	24	20.34	20.30	20.35		
20	16QAM	50	50	20.36	20.37	20.24		
20	16QAM	100	0	20.37	20.37	20.31		
20	64QAM	1	0	20.44	20.47	20.43	22	2
20	64QAM	1	49	20.40	20.52	20.50		
20	64QAM	1	99	20.33	20.62	20.58		
20	64QAM	50	0	19.41	19.30	19.30	21	3
20	64QAM	50	24	19.25	19.46	19.36		
20	64QAM	50	50	19.30	19.42	19.30		
20	64QAM	100	0	19.33	19.33	19.39		
20	256QAM	1	0	17.45	17.50	17.45	19	5
20	256QAM	1	49	17.35	17.46	17.51		
20	256QAM	1	99	17.45	17.43	17.45		
20	256QAM	50	0	17.34	17.38	17.37	19	5
20	256QAM	50	24	17.46	17.44	17.45		
20	256QAM	50	50	17.38	17.41	17.41		
20	256QAM	100	0	17.45	17.43	17.39		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.34	22.44	22.40	24	0
15	QPSK	1	37	22.36	22.45	22.42		
15	QPSK	1	74	22.34	22.43	22.31		
15	QPSK	36	0	21.35	21.37	21.29	23	1
15	QPSK	36	20	21.27	21.36	21.29		
15	QPSK	36	39	21.29	21.35	21.29		
15	QPSK	75	0	21.35	21.33	21.33		
15	16QAM	1	0	21.64	21.72	21.76	23	1
15	16QAM	1	37	21.62	21.75	21.65		
15	16QAM	1	74	21.76	21.72	21.60		
15	16QAM	36	0	20.23	20.43	20.25	22	2
15	16QAM	36	20	20.36	20.32	20.28		
15	16QAM	36	39	20.29	20.32	20.28		
15	16QAM	75	0	20.33	20.33	20.34		
15	64QAM	1	0	20.53	20.58	20.46	22	2
15	64QAM	1	37	20.49	20.57	20.49		
15	64QAM	1	74	20.41	20.56	20.53		
15	64QAM	36	0	19.40	19.35	19.24	21	3
15	64QAM	36	20	19.30	19.40	19.36		
15	64QAM	36	39	19.28	19.40	19.25		
15	64QAM	75	0	19.30	19.24	19.38		
15	256QAM	1	0	17.34	17.44	17.35	19	5
15	256QAM	1	37	17.43	17.43	17.41		
15	256QAM	1	74	17.35	17.49	17.44		
15	256QAM	36	0	17.35	17.49	17.44	19	5
15	256QAM	36	20	17.45	17.43	17.46		
15	256QAM	36	39	17.44	17.48	17.39		
15	256QAM	75	0	17.37	17.47	17.42		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.42	22.45	22.40	24	0
10	QPSK	1	25	22.33	22.43	22.40		
10	QPSK	1	49	22.35	22.47	22.39		
10	QPSK	25	0	21.27	21.41	21.37	23	1
10	QPSK	25	12	21.36	21.34	21.26		
10	QPSK	25	25	21.31	21.37	21.31		
10	QPSK	50	0	21.36	21.39	21.29		
10	16QAM	1	0	21.66	21.66	21.72	23	1
10	16QAM	1	25	21.74	21.83	21.71		
10	16QAM	1	49	21.73	21.72	21.55		
10	16QAM	25	0	20.29	20.35	20.30	22	2
10	16QAM	25	12	20.28	20.39	20.31		
10	16QAM	25	25	20.33	20.29	20.28		
10	16QAM	50	0	20.30	20.39	20.29		
10	64QAM	1	0	20.51	20.56	20.49	22	2
10	64QAM	1	25	20.42	20.52	20.42		
10	64QAM	1	49	20.42	20.53	20.50		
10	64QAM	25	0	19.44	19.35	19.27	21	3
10	64QAM	25	12	19.28	19.39	19.37		
10	64QAM	25	25	19.32	19.41	19.25		
10	64QAM	50	0	19.32	19.26	19.43		
10	256QAM	1	0	17.39	17.42	17.46	19	5
10	256QAM	1	25	17.39	17.42	17.42		
10	256QAM	1	49	17.44	17.47	17.44		
10	256QAM	25	0	17.40	17.41	17.36	19	5
10	256QAM	25	12	17.41	17.48	17.37		
10	256QAM	25	25	17.36	17.36	17.40		
10	256QAM	50	0	17.43	17.47	17.41		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.39	22.40	22.44	24	0
5	QPSK	1	12	22.41	22.44	22.38		
5	QPSK	1	24	22.37	22.40	22.36		
5	QPSK	12	0	21.31	21.40	21.32	23	1
5	QPSK	12	7	21.28	21.31	21.24		
5	QPSK	12	13	21.34	21.35	21.30		
5	QPSK	25	0	21.33	21.39	21.24		
5	16QAM	1	0	21.64	21.68	21.74	23	1
5	16QAM	1	12	21.70	21.84	21.66		
5	16QAM	1	24	21.74	21.79	21.56		
5	16QAM	12	0	20.27	20.44	20.34	22	2
5	16QAM	12	7	20.33	20.36	20.27		
5	16QAM	12	13	20.31	20.35	20.25		
5	16QAM	25	0	20.34	20.29	20.32		
5	64QAM	1	0	20.52	20.58	20.45	22	2
5	64QAM	1	12	20.45	20.53	20.41		
5	64QAM	1	24	20.43	20.55	20.52		
5	64QAM	12	0	19.35	19.30	19.33	21	3
5	64QAM	12	7	19.31	19.39	19.37		
5	64QAM	12	13	19.24	19.36	19.32		
5	64QAM	25	0	19.25	19.34	19.33		
5	256QAM	1	0	17.39	17.53	17.39	19	5
5	256QAM	1	12	17.41	17.51	17.51		
5	256QAM	1	24	17.44	17.45	17.38		
5	256QAM	12	0	17.39	17.48	17.35	19	5
5	256QAM	12	7	17.42	17.47	17.41		
5	256QAM	12	13	17.35	17.38	17.39		
5	256QAM	25	0	17.37	17.39	17.36		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.41	22.39	22.32	24	0
3	QPSK	1	8	22.39	22.38	22.37		
3	QPSK	1	14	22.41	22.37	22.36		
3	QPSK	8	0	21.28	21.41	21.29	23	1
3	QPSK	8	4	21.28	21.37	21.33		
3	QPSK	8	7	21.36	21.33	21.35		
3	QPSK	15	0	21.28	21.38	21.27		
3	16QAM	1	0	21.56	21.69	21.66	23	1
3	16QAM	1	8	21.64	21.81	21.70		
3	16QAM	1	14	21.79	21.79	21.61		
3	16QAM	8	0	20.31	20.45	20.32	22	2
3	16QAM	8	4	20.27	20.36	20.25		
3	16QAM	8	7	20.38	20.32	20.23		
3	16QAM	15	0	20.30	20.39	20.27		
3	64QAM	1	0	20.53	20.48	20.49	22	2
3	64QAM	1	8	20.47	20.51	20.42		
3	64QAM	1	14	20.39	20.54	20.50		
3	64QAM	8	0	19.33	19.39	19.32	21	3
3	64QAM	8	4	19.32	19.42	19.42		
3	64QAM	8	7	19.28	19.38	19.31		
3	64QAM	15	0	19.30	19.31	19.40		
3	256QAM	1	0	17.39	17.47	17.38	19	5
3	256QAM	1	8	17.36	17.41	17.42		
3	256QAM	1	14	17.44	17.39	17.41		
3	256QAM	8	0	17.44	17.41	17.37	19	5
3	256QAM	8	4	17.45	17.38	17.43		
3	256QAM	8	7	17.41	17.37	17.45		
3	256QAM	15	0	17.39	17.41	17.44		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.44	22.40	22.41	24	0
1.4	QPSK	1	3	22.43	22.44	22.39		
1.4	QPSK	1	5	22.39	22.42	22.33		
1.4	QPSK	3	0	22.35	22.44	22.40		
1.4	QPSK	3	1	22.32	22.40	22.41		
1.4	QPSK	3	3	22.34	22.39	22.40		
1.4	QPSK	6	0	21.33	21.40	21.33	23	1
1.4	16QAM	1	0	21.37	21.30	21.29	23	1
1.4	16QAM	1	3	21.32	21.31	21.31		
1.4	16QAM	1	5	21.34	21.36	21.25		
1.4	16QAM	3	0	21.64	21.71	21.76		
1.4	16QAM	3	1	21.73	21.84	21.69		
1.4	16QAM	3	3	21.76	21.69	21.63		
1.4	16QAM	6	0	20.31	20.43	20.26	22	2
1.4	64QAM	1	0	20.31	20.27	20.35	22	2
1.4	64QAM	1	3	20.29	20.27	20.30		
1.4	64QAM	1	5	20.34	20.34	20.32		
1.4	64QAM	3	0	20.44	20.51	20.46		
1.4	64QAM	3	1	20.51	20.45	20.48		
1.4	64QAM	3	3	20.32	20.58	20.50		
1.4	64QAM	6	0	19.35	19.37	19.36	21	3
1.4	256QAM	1	0	17.40	17.51	17.35	19	5
1.4	256QAM	1	3	17.45	17.48	17.50		
1.4	256QAM	1	5	17.41	17.38	17.38		
1.4	256QAM	3	0	17.40	17.45	17.35		
1.4	256QAM	3	1	17.44	17.46	17.40		
1.4	256QAM	3	3	17.40	17.38	17.38		
1.4	256QAM	6	0	17.43	17.45	17.37	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	16.78	16.84	16.82	18	0
20	QPSK	1	49	16.80	16.79	16.77		
20	QPSK	1	99	16.77	16.78	16.82		
20	QPSK	50	0	16.73	16.82	16.77	18	0
20	QPSK	50	24	16.78	16.76	16.73		
20	QPSK	50	50	16.73	16.74	16.76		
20	QPSK	100	0	16.75	16.80	16.75		
20	16QAM	1	0	16.71	16.77	16.73	18	0
20	16QAM	1	49	16.77	16.74	16.71		
20	16QAM	1	99	16.74	16.74	16.76		
20	16QAM	50	0	16.71	16.79	16.78	18	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.03	18.10	18.07	19.2	0
20	QPSK	1	49	18.04	18.00	18.02		
20	QPSK	1	99	17.97	17.98	17.99		
20	QPSK	50	0	18.04	18.08	18.05	19.2	0
20	QPSK	50	24	18.01	18.07	18.00		
20	QPSK	50	50	18.03	18.03	18.02		
20	QPSK	100	0	17.97	18.03	17.99		
20	16QAM	1	0	17.97	18.05	17.98	19.2	0
20	16QAM	1	49	18.02	18.03	17.94		
20	16QAM	1	99	18.00	17.97	18.00		
20	16QAM	50	0	17.97	17.95	18.02	19.2	0
20	16QAM	50	24	17.94	18.01	17.95		
20	16QAM	50	50	18.03	18.00	17.95		
20	16QAM	100	0	17.97	17.99	17.95		
20	64QAM	1	0	17.96	18.02	18.05	19.2	0
20	64QAM	1	49	18.03	18.05	17.94		
20	64QAM	1	99	17.99	17.95	18.02		
20	64QAM	50	0	17.97	18.01	17.94	19.2	0
20	64QAM	50	24	18.01	18.02	18.00		
20	64QAM	50	50	18.04	17.97	18.01		
20	64QAM	100	0	18.02	18.01	17.94		
20	256QAM	1	0	17.52	17.54	17.50	19	0.2
20	256QAM	1	49	17.50	17.57	17.52		
20	256QAM	1	99	17.54	17.50	17.47		
20	256QAM	50	0	17.56	17.57	17.57	19	0.2
20	256QAM	50	24	17.50	17.53	17.45		
20	256QAM	50	50	17.56	17.54	17.48		
20	256QAM	100	0	17.55	17.56	17.52		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.94	17.98	17.96	19.2	0
15	QPSK	1	37	17.93	17.98	18.02		
15	QPSK	1	74	17.98	18.04	17.94		
15	QPSK	36	0	18.04	18.02	18.01	19.2	0
15	QPSK	36	20	17.99	18.03	17.94		
15	QPSK	36	39	17.98	18.06	18.03		
15	QPSK	75	0	17.95	18.01	18.02		
15	16QAM	1	0	18.02	18.03	17.98	19.2	0
15	16QAM	1	37	18.02	18.05	18.04		
15	16QAM	1	74	18.00	18.04	18.02		
15	16QAM	36	0	17.95	17.97	18.05	19.2	0
15	16QAM	36	20	17.99	18.06	17.99		
15	16QAM	36	39	18.04	18.03	17.96		
15	16QAM	75	0	18.03	17.98	17.94		
15	64QAM	1	0	17.96	18.03	18.04	19.2	0
15	64QAM	1	37	17.97	18.01	18.02		
15	64QAM	1	74	18.01	18.04	17.95		
15	64QAM	36	0	17.98	18.00	17.97	19.2	0
15	64QAM	36	20	17.95	18.02	18.02		
15	64QAM	36	39	17.99	17.97	17.95		
15	64QAM	75	0	18.00	18.06	17.95		
15	256QAM	1	0	17.55	17.53	17.53	19	0.2
15	256QAM	1	37	17.56	17.62	17.60		
15	256QAM	1	74	17.48	17.53	17.57		
15	256QAM	36	0	17.46	17.54	17.50	19	0.2
15	256QAM	36	20	17.50	17.59	17.57		
15	256QAM	36	39	17.52	17.49	17.54		
15	256QAM	75	0	17.48	17.49	17.55		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.96	17.96	18.01	19.2	0
10	QPSK	1	25	17.98	18.02	18.04		
10	QPSK	1	49	17.98	17.97	17.99		
10	QPSK	25	0	17.98	18.05	17.98	19.2	0
10	QPSK	25	12	17.93	17.98	18.05		
10	QPSK	25	25	18.03	17.97	17.99		
10	QPSK	50	0	18.04	17.99	18.02		
10	16QAM	1	0	17.94	17.97	18.00	19.2	0
10	16QAM	1	25	17.99	18.03	18.02		
10	16QAM	1	49	17.96	17.98	17.97		
10	16QAM	25	0	18.01	18.01	18.00	19.2	0
10	16QAM	25	12	17.99	18.07	18.02		
10	16QAM	25	25	17.98	17.95	17.97		
10	16QAM	50	0	18.03	18.04	18.00		
10	64QAM	1	0	17.96	18.02	18.02	19.2	0
10	64QAM	1	25	18.03	17.98	18.05		
10	64QAM	1	49	17.94	18.03	18.01		
10	64QAM	25	0	17.98	17.99	18.05	19.2	0
10	64QAM	25	12	18.03	18.02	18.00		
10	64QAM	25	25	18.04	17.96	18.01		
10	64QAM	50	0	17.99	18.02	17.94		
10	256QAM	1	0	17.48	17.63	17.50	19	0.2
10	256QAM	1	25	17.53	17.56	17.57		
10	256QAM	1	49	17.55	17.48	17.49		
10	256QAM	25	0	17.56	17.56	17.48	19	0.2
10	256QAM	25	12	17.48	17.52	17.50		
10	256QAM	25	25	17.48	17.60	17.50		
10	256QAM	50	0	17.55	17.54	17.53		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.04	18.00	18.02	19.2	0
5	QPSK	1	12	18.04	17.98	18.03		
5	QPSK	1	24	18.03	17.96	18.01		
5	QPSK	12	0	17.99	18.05	18.00	19.2	0
5	QPSK	12	7	17.94	17.99	17.98		
5	QPSK	12	13	17.98	18.05	17.99		
5	QPSK	25	0	17.98	17.98	18.01		
5	16QAM	1	0	18.02	18.00	17.93	19.2	0
5	16QAM	1	12	18.03	18.00	17.96		
5	16QAM	1	24	18.00	18.02	18.03		
5	16QAM	12	0	17.98	18.04	17.98	19.2	0
5	16QAM	12	7	17.94	18.03	17.96		
5	16QAM	12	13	17.96	18.05	18.04		
5	16QAM	25	0	18.02	17.99	18.01		
5	64QAM	1	0	18.05	17.96	18.01	19.2	0
5	64QAM	1	12	17.99	18.02	18.00		
5	64QAM	1	24	17.94	18.00	18.05		
5	64QAM	12	0	18.04	17.97	18.01	19.2	0
5	64QAM	12	7	17.99	18.03	17.98		
5	64QAM	12	13	17.96	18.05	17.94		
5	64QAM	25	0	18.00	17.96	18.01		
5	256QAM	1	0	17.53	17.55	17.51	19	0.2
5	256QAM	1	12	17.53	17.58	17.52		
5	256QAM	1	24	17.51	17.52	17.52		
5	256QAM	12	0	17.57	17.56	17.45	19	0.2
5	256QAM	12	7	17.53	17.55	17.51		
5	256QAM	12	13	17.52	17.51	17.54		
5	256QAM	25	0	17.48	17.55	17.50		

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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	18.02	18.07	18.13	18.09	18.05	19.2	0
20	QPSK	1	49	18.02	18.02	18.02	18.06	18.08		
20	QPSK	1	99	18.09	18.00	18.12	18.05	18.01		
20	QPSK	50	0	18.06	18.10	18.11	18.02	18.08	19.2	0
20	QPSK	50	24	17.99	18.04	18.07	18.02	18.00		
20	QPSK	50	50	18.08	18.00	18.02	17.99	18.05		
20	QPSK	100	0	18.09	18.07	18.10	18.09	18.07		
20	16QAM	1	0	18.05	18.02	18.10	18.09	18.05	19.2	0
20	16QAM	1	49	18.04	18.08	18.01	18.04	18.10		
20	16QAM	1	99	18.01	18.11	18.12	18.02	18.07		
20	16QAM	50	0	18.08	18.11	18.09	18.00	18.00	19.2	0
20	16QAM	50	24	18.10	18.06	18.03	18.06	18.04		
20	16QAM	50	50	18.02	18.07	18.05	17.99	18.11		
20	16QAM	100	0	18.05	18.04	18.11	18.10	18.10		
20	64QAM	1	0	18.05	18.02	18.04	18.08	18.01	19.2	0
20	64QAM	1	49	18.02	18.09	18.03	18.09	18.05		
20	64QAM	1	99	18.02	18.01	18.02	18.01	17.99		
20	64QAM	50	0	18.10	18.05	18.05	18.01	18.04	19.2	0
20	64QAM	50	24	18.09	18.11	18.09	18.09	18.01		
20	64QAM	50	50	18.10	18.04	18.05	18.00	17.99		
20	64QAM	100	0	18.04	18.06	18.03	18.00	18.03		
20	256QAM	1	0	17.46	17.53	17.46	17.54	17.47	19	0.2
20	256QAM	1	49	17.54	17.57	17.53	17.58	17.61		
20	256QAM	1	99	17.53	17.51	17.48	17.49	17.47		
20	256QAM	50	0	17.46	17.54	17.53	17.50	17.53	19	0.2
20	256QAM	50	24	17.51	17.50	17.56	17.56	17.45		
20	256QAM	50	50	17.47	17.59	17.55	17.52	17.49		
20	256QAM	100	0	17.50	17.51	17.51	17.53	17.48		
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	18.03	17.97	17.96	17.99	17.95	19	0
15	QPSK	1	37	17.94	18.01	18.04	18.04	17.95		
15	QPSK	1	74	18.03	18.01	17.97	18.00	18.00		
15	QPSK	36	0	18.04	18.05	18.00	18.03	18.04	19.2	0
15	QPSK	36	20	18.04	17.96	18.06	18.04	18.00		
15	QPSK	36	39	18.00	17.97	18.03	18.02	17.94		
15	QPSK	75	0	17.97	18.00	18.01	17.96	18.04		
15	16QAM	1	0	17.95	17.96	17.97	18.03	17.99	19.2	0
15	16QAM	1	37	18.00	17.98	17.98	18.01	17.98		
15	16QAM	1	74	18.00	18.00	18.05	17.94	17.96		
15	16QAM	36	0	18.00	17.94	18.04	18.04	18.02	19.2	0
15	16QAM	36	20	18.04	17.97	18.06	18.04	17.94		
15	16QAM	36	39	18.04	18.04	18.01	17.98	18.02		
15	16QAM	75	0	17.98	17.96	17.98	18.02	18.02		
15	64QAM	1	0	18.01	18.04	18.05	17.94	18.00	19.2	0
15	64QAM	1	37	17.97	18.02	18.00	17.97	18.02		
15	64QAM	1	74	18.02	17.99	18.06	18.02	18.02		
15	64QAM	36	0	17.99	17.95	18.06	17.98	18.02	19.2	0
15	64QAM	36	20	18.02	18.02	18.01	18.03	17.96		
15	64QAM	36	39	17.99	18.01	18.03	18.02	18.02		
15	64QAM	75	0	17.94	18.00	17.96	17.99	18.02		
15	256QAM	1	0	17.56	17.56	17.56	17.55	17.46	19	0.2
15	256QAM	1	37	17.54	17.58	17.45	17.62	17.57		
15	256QAM	1	74	17.52	17.50	17.51	17.55	17.48		
15	256QAM	36	0	17.46	17.53	17.51	17.55	17.50	19	0.2
15	256QAM	36	20	17.46	17.48	17.52	17.56	17.45		
15	256QAM	36	39	17.47	17.52	17.47	17.59	17.47		
15	256QAM	75	0	17.56	17.51	17.49	17.58	17.52		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.99	18.01	17.99	17.99	18.00	19	0
10	QPSK	1	25	17.99	17.96	17.98	17.99	18.00		
10	QPSK	1	49	18.02	18.03	17.97	17.96	17.94		
10	QPSK	25	0	18.01	17.99	17.97	18.01	18.04	19.2	0
10	QPSK	25	12	18.04	17.98	18.04	17.97	17.99		
10	QPSK	25	25	18.03	17.96	18.03	17.97	18.02		
10	QPSK	50	0	17.94	18.02	18.01	17.98	18.01		
10	16QAM	1	0	18.01	18.03	17.96	17.95	17.99	19.2	0
10	16QAM	1	25	18.01	17.95	18.05	17.98	17.95		
10	16QAM	1	49	17.94	18.02	18.02	18.00	17.95		
10	16QAM	25	0	18.00	17.96	18.05	18.02	17.97	19.2	0
10	16QAM	25	12	18.02	18.03	18.04	18.05	17.96		
10	16QAM	25	25	18.01	17.96	18.00	18.04	17.96		
10	16QAM	50	0	17.98	17.93	18.06	17.98	17.95		
10	64QAM	1	0	17.95	18.00	18.06	18.01	17.98	19.2	0
10	64QAM	1	25	17.99	17.97	18.02	17.98	18.01		
10	64QAM	1	49	18.00	18.02	17.99	17.97	18.02		
10	64QAM	25	0	18.03	17.97	18.06	17.99	18.03	19.2	0
10	64QAM	25	12	17.97	17.97	18.02	17.97	17.93		
10	64QAM	25	25	18.01	18.02	18.02	17.96	18.02		
10	64QAM	50	0	18.03	18.00	18.05	18.03	18.04		
10	256QAM	1	0	17.47	17.62	17.45	17.59	17.54	19	0.2
10	256QAM	1	25	17.54	17.51	17.53	17.53	17.52		
10	256QAM	1	49	17.51	17.55	17.47	17.56	17.48		
10	256QAM	25	0	17.52	17.56	17.53	17.49	17.53	19	0.2
10	256QAM	25	12	17.55	17.51	17.54	17.57	17.56		
10	256QAM	25	25	17.48	17.54	17.53	17.55	17.54		
10	256QAM	50	0	17.51	17.49	17.49	17.53	17.56		
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	18.02	17.94	17.97	18.03	17.94	19	0
5	QPSK	1	12	18.01	17.94	17.99	18.05	18.03		
5	QPSK	1	24	17.99	17.96	17.99	17.99	18.03		
5	QPSK	12	0	17.95	18.01	17.99	18.00	17.97	19.2	0
5	QPSK	12	7	17.94	17.97	18.05	18.03	18.01		
5	QPSK	12	13	17.93	17.97	17.98	17.99	18.05		
5	QPSK	25	0	17.99	17.99	17.97	17.97	17.96		
5	16QAM	1	0	18.00	17.98	18.04	17.99	18.05	19.2	0
5	16QAM	1	12	17.97	17.97	18.04	18.01	18.00		
5	16QAM	1	24	18.02	18.03	17.95	17.96	18.01		
5	16QAM	12	0	17.99	17.99	18.02	18.03	17.95	19.2	0
5	16QAM	12	7	17.97	18.02	18.04	17.95	18.05		
5	16QAM	12	13	18.04	17.96	18.03	17.99	18.02		
5	16QAM	25	0	17.94	17.96	18.06	18.03	17.94		
5	64QAM	1	0	18.02	17.98	17.97	18.05	18.03	19.2	0
5	64QAM	1	12	18.02	17.94	17.96	18.01	18.02		
5	64QAM	1	24	17.94	17.95	17.97	17.93	18.00		
5	64QAM	12	0	17.98	18.00	18.07	17.98	17.95	19.2	0
5	64QAM	12	7	17.95	18.02	18.00	18.02	17.97		
5	64QAM	12	13	17.93	17.98	17.99	18.03	17.98		
5	64QAM	25	0	18.03	17.93	17.97	17.94	18.04		
5	256QAM	1	0	17.55	17.62	17.56	17.52	17.50	19	0.2
5	256QAM	1	12	17.55	17.53	17.47	17.54	17.60		
5	256QAM	1	24	17.46	17.60	17.47	17.54	17.54		
5	256QAM	12	0	17.51	17.52	17.46	17.49	17.48	19	0.2
5	256QAM	12	7	17.50	17.54	17.57	17.49	17.52		
5	256QAM	12	13	17.46	17.59	17.52	17.56	17.48		
5	256QAM	25	0	17.50	17.57	17.50	17.52	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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.27	22.38	22.26		
20	QPSK	1	49	22.30	22.32	22.22	24	0
20	QPSK	1	99	22.26	22.26	22.31		
20	QPSK	50	0	21.27	21.32	21.21		
20	QPSK	50	24	21.16	21.20	21.17	23	1
20	QPSK	50	50	21.24	21.21	21.24		
20	QPSK	100	0	21.21	21.28	21.25		
20	16QAM	1	0	21.54	21.56	21.57		
20	16QAM	1	49	21.56	21.65	21.62	23	1
20	16QAM	1	99	21.69	21.67	21.46		
20	16QAM	50	0	20.17	20.25	20.15		
20	16QAM	50	24	20.15	20.28	20.19	22	2
20	16QAM	50	50	20.20	20.17	20.22		
20	16QAM	100	0	20.28	20.25	20.22		
20	64QAM	1	0	20.39	20.45	20.33		
20	64QAM	1	49	20.42	20.43	20.30	22	2
20	64QAM	1	99	20.24	20.51	20.47		
20	64QAM	50	0	19.30	19.18	19.20		
20	64QAM	50	24	19.15	19.31	19.28	21	3
20	64QAM	50	50	19.16	19.32	19.25		
20	64QAM	100	0	19.18	19.20	19.25		
20	256QAM	1	0	17.26	17.31	17.35		
20	256QAM	1	49	17.34	17.33	17.37	19	5
20	256QAM	1	99	17.28	17.35	17.32		
20	256QAM	50	0	17.27	17.37	17.26		
20	256QAM	50	24	17.34	17.32	17.32	19	5
20	256QAM	50	50	17.32	17.31	17.31		
20	256QAM	100	0	17.35	17.32	17.35		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.35	22.32	22.33		
15	QPSK	1	37	22.24	22.29	22.28	24	0
15	QPSK	1	74	22.21	22.26	22.25		
15	QPSK	36	0	21.27	21.26	21.27		
15	QPSK	36	20	21.23	21.29	21.19	23	1
15	QPSK	36	39	21.24	21.23	21.18		
15	QPSK	75	0	21.20	21.26	21.19		
15	16QAM	1	0	21.46	21.55	21.67		
15	16QAM	1	37	21.60	21.66	21.54	23	1
15	16QAM	1	74	21.61	21.70	21.47		
15	16QAM	36	0	20.15	20.24	20.21		
15	16QAM	36	20	20.24	20.19	20.24	22	2
15	16QAM	36	39	20.27	20.23	20.20		
15	16QAM	75	0	20.28	20.30	20.21		
15	64QAM	1	0	20.39	20.40	20.30		
15	64QAM	1	37	20.39	20.34	20.35	22	2
15	64QAM	1	74	20.25	20.52	20.45		
15	64QAM	36	0	19.32	19.25	19.22		
15	64QAM	36	20	19.20	19.24	19.29	21	3
15	64QAM	36	39	19.20	19.29	19.19		
15	64QAM	75	0	19.21	19.23	19.23		
15	256QAM	1	0	17.27	17.39	17.35		
15	256QAM	1	37	17.30	17.38	17.34	19	5
15	256QAM	1	74	17.28	17.27	17.28		
15	256QAM	36	0	17.27	17.36	17.31		
15	256QAM	36	20	17.32	17.39	17.34	19	5
15	256QAM	36	39	17.34	17.30	17.28		
15	256QAM	75	0	17.31	17.37	17.30		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.30	22.36	22.28		
10	QPSK	1	25	22.22	22.32	22.26	24	0
10	QPSK	1	49	22.22	22.29	22.31		
10	QPSK	25	0	21.17	21.28	21.20		
10	QPSK	25	12	21.22	21.22	21.18	23	1
10	QPSK	25	25	21.20	21.30	21.26		
10	QPSK	50	0	21.18	21.27	21.22		
10	16QAM	1	0	21.46	21.59	21.60		
10	16QAM	1	25	21.57	21.68	21.58	23	1
10	16QAM	1	49	21.66	21.67	21.49		
10	16QAM	25	0	20.13	20.24	20.18		
10	16QAM	25	12	20.23	20.17	20.19	22	2
10	16QAM	25	25	20.25	20.25	20.13		
10	16QAM	50	0	20.18	20.30	20.16		
10	64QAM	1	0	20.40	20.39	20.31		
10	64QAM	1	25	20.32	20.37	20.31	22	2
10	64QAM	1	49	20.27	20.51	20.45		
10	64QAM	25	0	19.26	19.17	19.24		
10	64QAM	25	12	19.18	19.29	19.23	21	3
10	64QAM	25	25	19.25	19.23	19.19		
10	64QAM	50	0	19.14	19.14	19.23		
10	256QAM	1	0	17.25	17.34	17.31		
10	256QAM	1	25	17.35	17.34	17.30	19	5
10	256QAM	1	49	17.32	17.30	17.29		
10	256QAM	25	0	17.31	17.38	17.28		
10	256QAM	25	12	17.29	17.32	17.33	19	5
10	256QAM	25	25	17.36	17.37	17.28		
10	256QAM	50	0	17.35	17.31	17.31		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.32	22.35	22.30		
5	QPSK	1	12	22.22	22.32	22.23	24	0
5	QPSK	1	24	22.21	22.28	22.33		
5	QPSK	12	0	21.21	21.25	21.20		
5	QPSK	12	7	21.21	21.24	21.12	23	1
5	QPSK	12	13	21.23	21.22	21.21		
5	QPSK	25	0	21.19	21.21	21.21		
5	16QAM	1	0	21.51	21.60	21.58		
5	16QAM	1	12	21.60	21.65	21.56	23	1
5	16QAM	1	24	21.62	21.71	21.56		
5	16QAM	12	0	20.14	20.23	20.22		
5	16QAM	12	7	20.24	20.24	20.15	22	2
5	16QAM	12	13	20.26	20.20	20.19		
5	16QAM	25	0	20.27	20.25	20.16		
5	64QAM	1	0	20.41	20.39	20.38		
5	64QAM	1	12	20.33	20.41	20.38	22	2
5	64QAM	1	24	20.31	20.49	20.46		
5	64QAM	12	0	19.35	19.23	19.19		
5	64QAM	12	7	19.25	19.29	19.26	21	3
5	64QAM	12	13	19.14	19.33	19.20		
5	64QAM	25	0	19.24	19.25	19.33		
5	256QAM	1	0	17.29	17.37	17.36		
5	256QAM	1	12	17.28	17.36	17.41	19	5
5	256QAM	1	24	17.33	17.29	17.26		
5	256QAM	12	0	17.32	17.31	17.32		
5	256QAM	12	7	17.31	17.39	17.29	19	5
5	256QAM	12	13	17.35	17.38	17.36		
5	256QAM	25	0	17.25	17.31	17.25		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.45	22.49	22.40		
20	QPSK	1	49	22.41	22.44	22.40	24	0
20	QPSK	1	99	22.46	22.45	22.41		
20	QPSK	50	0	21.38	21.48	21.42		
20	QPSK	50	24	21.38	21.44	21.32	23	1
20	QPSK	50	50	21.42	21.39	21.33		
20	QPSK	100	0	21.41	21.47	21.36		
20	16QAM	1	0	21.60	21.72	21.76		
20	16QAM	1	49	21.69	21.79	21.73	23	1
20	16QAM	1	99	21.84	21.76	21.66		
20	16QAM	50	0	20.30	20.41	20.30		
20	16QAM	50	24	20.33	20.43	20.36	22	2
20	16QAM	50	50	20.36	20.39	20.29		
20	16QAM	100	0	20.34	20.44	20.33		
20	64QAM	1	0	20.52	20.60	20.53		
20	64QAM	1	49	20.50	20.56	20.54	22	2
20	64QAM	1	99	20.44	20.57	20.56		
20	64QAM	50	0	19.47	19.35	19.34		
20	64QAM	50	24	19.35	19.43	19.49	21	3
20	64QAM	50	50	19.34	19.47	19.40		
20	64QAM	100	0	19.30	19.30	19.43		
20	256QAM	1	0	17.49	17.58	17.48		
20	256QAM	1	49	17.40	17.48	17.54	19	5
20	256QAM	1	99	17.41	17.42	17.43		
20	256QAM	50	0	17.45	17.46	17.51		
20	256QAM	50	24	17.48	17.43	17.48	19	5
20	256QAM	50	50	17.44	17.49	17.40		
20	256QAM	100	0	17.39	17.50	17.50		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.47	22.47	22.47		
15	QPSK	1	37	22.37	22.47	22.44	24	0
15	QPSK	1	74	22.45	22.45	22.37		
15	QPSK	36	0	21.36	21.40	21.41		
15	QPSK	36	20	21.38	21.35	21.37	23	1
15	QPSK	36	39	21.35	21.39	21.32		
15	QPSK	75	0	21.36	21.45	21.34		
15	16QAM	1	0	21.62	21.77	21.82		
15	16QAM	1	37	21.79	21.80	21.76	23	1
15	16QAM	1	74	21.85	21.81	21.70		
15	16QAM	36	0	20.36	20.40	20.34		
15	16QAM	36	20	20.39	20.38	20.38	22	2
15	16QAM	36	39	20.43	20.39	20.36		
15	16QAM	75	0	20.34	20.43	20.35		
15	64QAM	1	0	20.55	20.53	20.52		
15	64QAM	1	37	20.48	20.52	20.55	22	2
15	64QAM	1	74	20.46	20.58	20.63		
15	64QAM	36	0	19.39	19.40	19.40		
15	64QAM	36	20	19.37	19.45	19.42	21	3
15	64QAM	36	39	19.32	19.45	19.37		
15	64QAM	75	0	19.37	19.32	19.40		
15	256QAM	1	0	17.46	17.48	17.42		
15	256QAM	1	37	17.47	17.51	17.50	19	5
15	256QAM	1	74	17.44	17.46	17.47		
15	256QAM	36	0	17.41	17.46	17.46		
15	256QAM	36	20	17.51	17.45	17.39	19	5
15	256QAM	36	39	17.47	17.49	17.48		
15	256QAM	75	0	17.50	17.53	17.46		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.45	22.43	22.45		
10	QPSK	1	25	22.45	22.48	22.41	24	0
10	QPSK	1	49	22.35	22.47	22.39		
10	QPSK	25	0	21.35	21.38	21.39		
10	QPSK	25	12	21.37	21.42	21.34	23	1
10	QPSK	25	25	21.39	21.41	21.37		
10	QPSK	50	0	21.38	21.36	21.36		
10	16QAM	1	0	21.70	21.71	21.76		
10	16QAM	1	25	21.78	21.90	21.76	23	1
10	16QAM	1	49	21.74	21.75	21.71		
10	16QAM	25	0	20.33	20.48	20.32		
10	16QAM	25	12	20.39	20.34	20.33	22	2
10	16QAM	25	25	20.43	20.42	20.29		
10	16QAM	50	0	20.34	20.35	20.34		
10	64QAM	1	0	20.56	20.53	20.54		
10	64QAM	1	25	20.45	20.56	20.56	22	2
10	64QAM	1	49	20.41	20.60	20.61		
10	64QAM	25	0	19.46	19.32	19.35		
10	64QAM	25	12	19.34	19.45	19.39	21	3
10	64QAM	25	25	19.39	19.41	19.33		
10	64QAM	50	0	19.31	19.35	19.42		
10	256QAM	1	0	17.48	17.53	17.48		
10	256QAM	1	25	17.42	17.45	17.44	19	5
10	256QAM	1	49	17.41	17.42	17.51		
10	256QAM	25	0	17.42	17.51	17.49		
10	256QAM	25	12	17.47	17.52	17.49	19	5
10	256QAM	25	25	17.49	17.43	17.40		
10	256QAM	50	0	17.48	17.45	17.44		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.40	22.44	22.37		
5	QPSK	1	12	22.42	22.48	22.40	24	0
5	QPSK	1	24	22.36	22.44	22.47		
5	QPSK	12	0	21.42	21.45	21.37		
5	QPSK	12	7	21.43	21.43	21.34	23	1
5	QPSK	12	13	21.43	21.44	21.32		
5	QPSK	25	0	21.38	21.37	21.30		
5	16QAM	1	0	21.69	21.74	21.79		
5	16QAM	1	12	21.71	21.86	21.71	23	1
5	16QAM	1	24	21.83	21.77	21.71		
5	16QAM	12	0	20.35	20.39	20.30		
5	16QAM	12	7	20.31	20.33	20.39	22	2
5	16QAM	12	13	20.36	20.40	20.39		
5	16QAM	25	0	20.34	20.44	20.29		
5	64QAM	1	0	20.49	20.55	20.45		
5	64QAM	1	12	20.56	20.57	20.47	22	2
5	64QAM	1	24	20.39	20.68	20.55		
5	64QAM	12	0	19.44	19.35	19.40		
5	64QAM	12	7	19.30	19.40	19.37	21	3
5	64QAM	12	13	19.39	19.44	19.32		
5	64QAM	25	0	19.35	19.30	19.46		
5	256QAM	1	0	17.49	17.54	17.42		
5	256QAM	1	12	17.44	17.50	17.54	19	5
5	256QAM	1	24	17.43	17.44	17.51		
5	256QAM	12	0	17.43	17.44	17.46		
5	256QAM	12	7	17.41	17.47	17.41	19	5
5	256QAM	12	13	17.41	17.47	17.41		
5	256QAM	25	0	17.41	17.49	17.46		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.38	17.45	17.42		
20	QPSK	1	49	17.37	17.41	17.36	19	0
20	QPSK	1	99	17.25	17.43	17.37		
20	QPSK	50	0	16.41	16.44	16.39		
20	QPSK	50	24	16.28	16.21	16.20	18	1
20	QPSK	50	50	16.24	16.29	16.22		
20	QPSK	100	0	16.35	16.39	16.37		
20	16QAM	1	0	16.57	16.60	16.73		
20	16QAM	1	49	16.69	16.79	16.63	18	1
20	16QAM	1	99	16.64	16.75	16.52		
20	16QAM	50	0	15.26	15.28	15.17		
20	16QAM	50	24	15.24	15.22	15.30	17	2
20	16QAM	50	50	15.29	15.32	15.30		
20	16QAM	100	0	15.39	15.32	15.23		
20	64QAM	1	0	15.45	15.48	15.35		
20	64QAM	1	49	15.44	15.37	15.32	17	2
20	64QAM	1	99	15.30	15.59	15.41		
20	64QAM	50	0	14.39	14.23	14.27		
20	64QAM	50	24	14.31	14.37	14.35	16	3
20	64QAM	50	50	14.27	14.27	14.31		
20	64QAM	100	0	14.14	14.22	14.38		
20	256QAM	1	0	12.44	12.33	12.34		
20	256QAM	1	49	12.43	12.36	12.37	14	5
20	256QAM	1	99	12.37	12.37	12.34		
20	256QAM	50	0	12.47	12.43	12.33		
20	256QAM	50	24	12.39	12.41	12.28	14	5
20	256QAM	50	50	12.42	12.46	12.28		
20	256QAM	100	0	12.28	12.43	12.39		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.29	17.44	17.24		
15	QPSK	1	37	17.21	17.38	17.21	19	0
15	QPSK	1	74	17.14	17.39	17.34		
15	QPSK	36	0	16.34	16.34	16.29		
15	QPSK	36	20	16.25	16.19	16.15	18	1
15	QPSK	36	39	16.19	16.25	16.24		
15	QPSK	75	0	16.20	16.22	16.18		
15	16QAM	1	0	16.42	16.59	16.65		
15	16QAM	1	37	16.55	16.71	16.54	18	1
15	16QAM	1	74	16.66	16.70	16.45		
15	16QAM	36	0	15.17	15.31	15.18		
15	16QAM	36	20	15.25	15.17	15.18	17	2
15	16QAM	36	39	15.22	15.27	15.15		
15	16QAM	75	0	15.25	15.26	15.17		
15	64QAM	1	0	15.41	15.40	15.32		
15	64QAM	1	37	15.38	15.32	15.35	17	2
15	64QAM	1	74	15.28	15.47	15.39		
15	64QAM	36	0	14.34	14.25	14.27		
15	64QAM	36	20	14.29	14.29	14.24	16	3
15	64QAM	36	39	14.17	14.29	14.21		
15	64QAM	75	0	14.19	14.22	14.34		
15	256QAM	1	0	12.32	12.32	12.28		
15	256QAM	1	37	12.39	12.40	12.36	14	5
15	256QAM	1	74	12.32	12.24	12.32		
15	256QAM	36	0	12.37	12.41	12.38		
15	256QAM	36	20	12.30	12.28	12.22	14	5
15	256QAM	36	39	12.35	12.36	12.23		
15	256QAM	75	0	12.32	12.29	12.26		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.40	17.41	17.33		
10	QPSK	1	25	17.25	17.33	17.21	19	0
10	QPSK	1	49	17.20	17.35	17.30		
10	QPSK	25	0	16.30	16.38	16.32		
10	QPSK	25	12	16.29	16.27	16.22	18	1
10	QPSK	25	25	16.22	16.25	16.25		
10	QPSK	50	0	16.20	16.25	16.25		
10	16QAM	1	0	16.42	16.64	16.67		
10	16QAM	1	25	16.65	16.76	16.58	18	1
10	16QAM	1	49	16.58	16.63	16.41		
10	16QAM	25	0	15.22	15.25	15.23		
10	16QAM	25	12	15.22	15.20	15.24	17	2
10	16QAM	25	25	15.25	15.26	15.19		
10	16QAM	50	0	15.29	15.33	15.19		
10	64QAM	1	0	15.41	15.41	15.29		
10	64QAM	1	25	15.36	15.35	15.33	17	2
10	64QAM	1	49	15.35	15.51	15.43		
10	64QAM	25	0	14.35	14.25	14.30		
10	64QAM	25	12	14.26	14.34	14.20	16	3
10	64QAM	25	25	14.22	14.23	14.21		
10	64QAM	50	0	14.12	14.23	14.38		
10	256QAM	1	0	12.29	12.35	12.32		
10	256QAM	1	25	12.29	12.34	12.38	14	5
10	256QAM	1	49	12.32	12.33	12.28		
10	256QAM	25	0	12.42	12.34	12.35		
10	256QAM	25	12	12.22	12.28	12.24	14	5
10	256QAM	25	25	12.37	12.31	12.19		
10	256QAM	50	0	12.23	12.39	12.26		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.31	17.43	17.33		
5	QPSK	1	12	17.28	17.38	17.22	19	0
5	QPSK	1	24	17.15	17.34	17.29		
5	QPSK	12	0	16.25	16.37	16.31		
5	QPSK	12	7	16.17	16.20	16.19	18	1
5	QPSK	12	13	16.21	16.21	16.18		
5	QPSK	25	0	16.18	16.30	16.24		
5	16QAM	1	0	16.44	16.65	16.70		
5	16QAM	1	12	16.58	16.71	16.49	18	1
5	16QAM	1	24	16.58	16.64	16.41		
5	16QAM	12	0	15.17	15.25	15.15		
5	16QAM	12	7	15.26	15.12	15.22	17	2
5	16QAM	12	13	15.19	15.17	15.15		
5	16QAM	25	0	15.34	15.35	15.16		
5	64QAM	1	0	15.42	15.34	15.37		
5	64QAM	1	12	15.37	15.28	15.34	17	2
5	64QAM	1	24	15.25	15.47	15.45		
5	64QAM	12	0	14.30	14.26	14.22		
5	64QAM	12	7	14.29	14.23	14.23	16	3
5	64QAM	12	13	14.13	14.30	14.28		
5	64QAM	25	0	14.08	14.15	14.37		
5	256QAM	1	0	12.35	12.33	12.24		
5	256QAM	1	12	12.34	12.33	12.33	14	5
5	256QAM	1	24	12.37	12.33	12.30		
5	256QAM	12	0	12.33	12.36	12.31		
5	256QAM	12	7	12.24	12.35	12.26	14	5
5	256QAM	12	13	12.37	12.31	12.23		
5	256QAM	25	0	12.33	12.37	12.32		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.27	17.37	17.34		
20	QPSK	1	49	17.28	17.33	17.30	19	0
20	QPSK	1	99	17.28	17.36	17.30		
20	QPSK	50	0	16.28	16.35	16.26		
20	QPSK	50	24	16.23	16.27	16.21	18	1
20	QPSK	50	50	16.16	16.24	16.20		
20	QPSK	100	0	16.24	16.29	16.28		
20	16QAM	1	0	16.51	16.66	16.61		
20	16QAM	1	49	16.54	16.72	16.62	18	1
20	16QAM	1	99	16.65	16.65	16.51		
20	16QAM	50	0	15.18	15.28	15.24		
20	16QAM	50	24	15.25	15.19	15.21	17	2
20	16QAM	50	50	15.25	15.28	15.16		
20	16QAM	100	0	15.27	15.29	15.14		
20	64QAM	1	0	15.33	15.39	15.33		
20	64QAM	1	49	15.37	15.33	15.39	17	2
20	64QAM	1	99	15.26	15.42	15.42		
20	64QAM	50	0	14.27	14.26	14.18		
20	64QAM	50	24	14.23	14.26	14.26	16	3
20	64QAM	50	50	14.22	14.31	14.21		
20	64QAM	100	0	14.21	14.26	14.27		
20	256QAM	1	0	12.26	12.42	12.26		
20	256QAM	1	49	12.26	12.40	12.32	14	5
20	256QAM	1	99	12.26	12.34	12.25		
20	256QAM	50	0	12.32	12.35	12.33		
20	256QAM	50	24	12.31	12.39	12.35	14	5
20	256QAM	50	50	12.32	12.38	12.28		
20	256QAM	100	0	12.28	12.30	12.25		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.29	17.30	17.32		
15	QPSK	1	37	17.29	17.31	17.27	19	0
15	QPSK	1	74	17.28	17.27	17.23		
15	QPSK	36	0	16.16	16.33	16.22		
15	QPSK	36	20	16.17	16.29	16.15	18	1
15	QPSK	36	39	16.23	16.24	16.18		
15	QPSK	75	0	16.18	16.21	16.20		
15	16QAM	1	0	16.50	16.64	16.58		
15	16QAM	1	37	16.58	16.64	16.58	18	1
15	16QAM	1	74	16.67	16.69	16.50		
15	16QAM	36	0	15.13	15.34	15.15		
15	16QAM	36	20	15.16	15.19	15.26	17	2
15	16QAM	36	39	15.28	15.18	15.13		
15	16QAM	75	0	15.19	15.31	15.15		
15	64QAM	1	0	15.42	15.41	15.38		
15	64QAM	1	37	15.40	15.39	15.36	17	2
15	64QAM	1	74	15.24	15.46	15.46		
15	64QAM	36	0	14.32	14.17	14.18		
15	64QAM	36	20	14.24	14.34	14.30	16	3
15	64QAM	36	39	14.14	14.28	14.23		
15	64QAM	75	0	14.17	14.22	14.34		
15	256QAM	1	0	12.32	12.42	12.35		
15	256QAM	1	37	12.29	12.40	12.39	14	5
15	256QAM	1	74	12.31	12.29	12.27		
15	256QAM	36	0	12.33	12.31	12.32		
15	256QAM	36	20	12.35	12.27	12.35	14	5
15	256QAM	36	39	12.25	12.37	12.24		
15	256QAM	75	0	12.29	12.31	12.29		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.28	17.33	17.26		
10	QPSK	1	25	17.22	17.34	17.23	19	0
10	QPSK	1	49	17.22	17.29	17.23		
10	QPSK	25	0	16.18	16.29	16.19		
10	QPSK	25	12	16.16	16.19	16.22	18	1
10	QPSK	25	25	16.19	16.27	16.18		
10	QPSK	50	0	16.17	16.21	16.16		
10	16QAM	1	0	16.53	16.58	16.57		
10	16QAM	1	25	16.57	16.68	16.60	18	1
10	16QAM	1	49	16.68	16.68	16.48		
10	16QAM	25	0	15.16	15.28	15.21		
10	16QAM	25	12	15.18	15.22	15.25	17	2
10	16QAM	25	25	15.24	15.20	15.23		
10	16QAM	50	0	15.19	15.20	15.19		
10	64QAM	1	0	15.35	15.38	15.35		
10	64QAM	1	25	15.33	15.36	15.35	17	2
10	64QAM	1	49	15.31	15.46	15.49		
10	64QAM	25	0	14.25	14.27	14.23		
10	64QAM	25	12	14.24	14.35	14.27	16	3
10	64QAM	25	25	14.16	14.28	14.21		
10	64QAM	50	0	14.22	14.20	14.29		
10	256QAM	1	0	12.28	12.35	12.32		
10	256QAM	1	25	12.30	12.31	12.36	14	5
10	256QAM	1	49	12.30	12.37	12.31		
10	256QAM	25	0	12.31	12.28	12.29		
10	256QAM	25	12	12.33	12.39	12.33	14	5
10	256QAM	25	25	12.25	12.37	12.33		
10	256QAM	50	0	12.32	12.35	12.35		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.33	17.35	17.27		
5	QPSK	1	12	17.24	17.35	17.27	19	0
5	QPSK	1	24	17.26	17.31	17.28		
5	QPSK	12	0	16.26	16.27	16.24		
5	QPSK	12	7	16.24	16.23	16.23	18	1
5	QPSK	12	13	16.20	16.22	16.27		
5	QPSK	25	0	16.22	16.25	16.23		
5	16QAM	1	0	16.51	16.64	16.60		
5	16QAM	1	12	16.54	16.71	16.63	18	1
5	16QAM	1	24	16.70	16.69	16.56		
5	16QAM	12	0	15.21	15.33	15.23		
5	16QAM	12	7	15.16	15.28	15.20	17	2
5	16QAM	12	13	15.19	15.22	15.16		
5	16QAM	25	0	15.22	15.28	15.20		
5	64QAM	1	0	15.40	15.36	15.38		
5	64QAM	1	12	15.34	15.33	15.33	17	2
5	64QAM	1	24	15.31	15.44	15.47		
5	64QAM	12	0	14.32	14.23	14.20		
5	64QAM	12	7	14.20	14.26	14.27	16	3
5	64QAM	12	13	14.15	14.27	14.18		
5	64QAM	25	0	14.20	14.19	14.31		
5	256QAM	1	0	12.31	12.43	12.29		
5	256QAM	1	12	12.28	12.36	12.34	14	5
5	256QAM	1	24	12.26	12.29	12.33		
5	256QAM	12	0	12.31	12.30	12.34		
5	256QAM	12	7	12.29	12.30	12.32	14	5
5	256QAM	12	13	12.27	12.28	12.29		
5	256QAM	25	0	12.36	12.38	12.35		

Reduced Power Mode for ECI6

GSM850 Ant0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.75	31.72	31.68	33.50	22.75	22.72	22.68	24.50
GPRS 1 Tx slot	31.74	31.71	31.67	33.50	22.74	22.71	22.67	24.50
GPRS 2 Tx slots	30.96	30.91	30.88	32.00	24.96	24.91	24.88	26.00
GPRS 3 Tx slots	29.11	29.14	29.12	31.00	24.85	24.88	24.86	26.74
GPRS 4 Tx slots	28.07	28.05	27.96	29.00	25.07	25.05	24.96	26.00
EDGE 1 Tx slot	26.02	25.98	25.92	27.00	17.02	16.98	16.92	18.00
EDGE 2 Tx slots	24.88	24.80	24.78	26.00	18.88	18.80	18.78	20.00
EDGE 3 Tx slots	22.64	22.57	22.58	23.50	18.38	18.31	18.32	19.24
EDGE 4 Tx slots	21.43	21.45	21.33	22.50	18.43	18.45	18.33	19.50

Band		WCDMA V Ant0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.74	22.74	22.63	24.00
3GPP Rel 99	RMC 12.2Kbps	22.78	22.81	22.76	24.00
3GPP Rel 6	HSDPA Subtest-1	21.79	21.82	21.72	23.00
3GPP Rel 6	HSDPA Subtest-2	21.82	21.84	21.73	23.00
3GPP Rel 6	HSDPA Subtest-3	21.29	21.37	21.14	22.50
3GPP Rel 6	HSDPA Subtest-4	21.39	21.39	21.15	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.79	21.87	21.70	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.85	21.75	21.68	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.28	21.34	21.27	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.31	21.34	21.26	22.50
3GPP Rel 6	HSUPA Subtest-1	21.80	21.74	21.69	23.00
3GPP Rel 6	HSUPA Subtest-2	19.83	19.73	19.64	21.00
3GPP Rel 6	HSUPA Subtest-3	20.88	20.80	20.76	22.00
3GPP Rel 6	HSUPA Subtest-4	19.90	19.79	19.76	21.00
3GPP Rel 6	HSUPA Subtest-5	21.79	21.81	21.81	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.45	19.48	19.46	20.50

Band 2 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.32	20.37	20.35	21.5	0
20	QPSK	1	49	20.19	20.36	20.25		
20	QPSK	1	99	20.30	20.30	20.34		
20	QPSK	50	0	19.32	19.39	19.35	20.5	1
20	QPSK	50	24	19.29	19.37	19.23		
20	QPSK	50	50	19.28	19.32	19.26		
20	QPSK	100	0	19.27	19.37	19.36		
20	16QAM	1	0	19.18	19.32	19.29	20.5	1
20	16QAM	1	49	19.23	19.39	19.22		
20	16QAM	1	99	19.30	19.34	19.25		
20	16QAM	50	0	18.26	18.43	18.33	19.5	2
20	16QAM	50	24	18.23	18.36	18.28		
20	16QAM	50	50	18.30	18.29	18.33		
20	16QAM	100	0	18.33	18.37	18.38		
20	64QAM	1	0	18.17	18.40	18.22	19.5	2
20	64QAM	1	49	18.15	18.39	18.29		
20	64QAM	1	99	18.30	18.29	18.22		
20	64QAM	50	0	17.19	17.36	17.33	18.5	3
20	64QAM	50	24	17.21	17.32	17.25		
20	64QAM	50	50	17.32	17.35	17.27		
20	64QAM	100	0	17.23	17.43	17.40		
20	256QAM	1	0	15.22	15.40	15.29	16.5	5
20	256QAM	1	49	15.27	15.31	15.29		
20	256QAM	1	99	15.29	15.29	15.31		
20	256QAM	50	0	15.36	15.40	15.41	16.5	5
20	256QAM	50	24	15.13	15.40	15.36		
20	256QAM	50	50	15.13	15.34	15.22		
20	256QAM	100	0	15.26	15.36	15.20		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.19	20.31	20.24	21.5	0
15	QPSK	1	37	20.06	20.32	20.19		
15	QPSK	1	74	20.26	20.21	20.26		
15	QPSK	36	0	19.24	19.33	19.24	20.5	1
15	QPSK	36	20	19.16	19.30	19.17		
15	QPSK	36	39	19.26	19.22	19.24		
15	QPSK	75	0	19.15	19.27	19.29		
15	16QAM	1	0	19.10	19.26	19.27	20.5	1
15	16QAM	1	37	19.18	19.37	19.11		
15	16QAM	1	74	19.24	19.25	19.14		
15	16QAM	36	0	18.13	18.39	18.20	19.5	2
15	16QAM	36	20	18.13	18.27	18.14		
15	16QAM	36	39	18.18	18.23	18.21		
15	16QAM	75	0	18.29	18.28	18.28		
15	64QAM	1	0	18.07	18.33	18.18	19.5	2
15	64QAM	1	37	18.05	18.30	18.23		
15	64QAM	1	74	18.23	18.20	18.20		
15	64QAM	36	0	17.10	17.30	17.29	18.5	3
15	64QAM	36	20	17.17	17.24	17.20		
15	64QAM	36	39	17.30	17.24	17.13		
15	64QAM	75	0	17.15	17.38	17.35		
15	256QAM	1	0	15.09	15.34	15.27	16.5	5
15	256QAM	1	37	15.14	15.22	15.26		
15	256QAM	1	74	15.15	15.19	15.28		
15	256QAM	36	0	15.22	15.30	15.32	16.5	5
15	256QAM	36	20	15.06	15.37	15.24		
15	256QAM	36	39	15.07	15.21	15.19		
15	256QAM	75	0	15.20	15.30	15.17		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.24	20.29	20.27	21.5	0
10	QPSK	1	25	20.12	20.24	20.15		
10	QPSK	1	49	20.25	20.26	20.25		
10	QPSK	25	0	19.23	19.32	19.25	20.5	1
10	QPSK	25	12	19.24	19.26	19.16		
10	QPSK	25	25	19.16	19.29	19.20		
10	QPSK	50	0	19.23	19.30	19.32		
10	16QAM	1	0	19.05	19.26	19.22	20.5	1
10	16QAM	1	25	19.17	19.30	19.20		
10	16QAM	1	49	19.21	19.26	19.20		
10	16QAM	25	0	18.16	18.34	18.20	19.5	2
10	16QAM	25	12	18.10	18.28	18.19		
10	16QAM	25	25	18.25	18.17	18.24		
10	16QAM	50	0	18.28	18.27	18.28		
10	64QAM	1	0	18.11	18.36	18.16	19.5	2
10	64QAM	1	25	18.03	18.35	18.22		
10	64QAM	1	49	18.27	18.16	18.11		
10	64QAM	25	0	17.07	17.24	17.28	18.5	3
10	64QAM	25	12	17.17	17.20	17.19		
10	64QAM	25	25	17.19	17.24	17.14		
10	64QAM	50	0	17.15	17.33	17.27		
10	256QAM	1	0	15.13	15.29	15.16	16.5	5
10	256QAM	1	25	15.19	15.24	15.21		
10	256QAM	1	49	15.20	15.23	15.26		
10	256QAM	25	0	15.27	15.37	15.33	16.5	5
10	256QAM	25	12	15.09	15.34	15.24		
10	256QAM	25	25	15.01	15.25	15.16		
10	256QAM	50	0	15.18	15.24	15.14		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.24	20.28	20.24	21.5	0
5	QPSK	1	12	20.06	20.29	20.21		
5	QPSK	1	24	20.17	20.19	20.31		
5	QPSK	12	0	19.21	19.29	19.32	20.5	1
5	QPSK	12	7	19.24	19.34	19.11		
5	QPSK	12	13	19.24	19.24	19.15		
5	QPSK	25	0	19.24	19.27	19.26		
5	16QAM	1	0	19.05	19.29	19.17	20.5	1
5	16QAM	1	12	19.15	19.37	19.09		
5	16QAM	1	24	19.22	19.22	19.13		
5	16QAM	12	0	18.13	18.37	18.24	19.5	2
5	16QAM	12	7	18.14	18.30	18.24		
5	16QAM	12	13	18.20	18.27	18.21		
5	16QAM	25	0	18.27	18.32	18.26		
5	64QAM	1	0	18.10	18.34	18.18	19.5	2
5	64QAM	1	12	18.06	18.30	18.21		
5	64QAM	1	24	18.25	18.15	18.19		
5	64QAM	12	0	17.06	17.26	17.20	18.5	3
5	64QAM	12	7	17.14	17.18	17.21		
5	64QAM	12	13	17.24	17.26	17.18		
5	64QAM	25	0	17.14	17.38	17.31		
5	256QAM	1	0	15.08	15.29	15.24	16.5	5
5	256QAM	1	12	15.19	15.19	15.27		
5	256QAM	1	24	15.19	15.19	15.27		
5	256QAM	12	0	15.22	15.38	15.38	16.5	5
5	256QAM	12	7	15.11	15.29	15.33		
5	256QAM	12	13	15.07	15.22	15.20		
5	256QAM	25	0	15.16	15.28	15.10		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.27	20.35	20.26	21.5	0
3	QPSK	1	8	20.17	20.28	20.13		
3	QPSK	1	14	20.20	20.23	20.20		
3	QPSK	8	0	19.24	19.31	19.30	20.5	1
3	QPSK	8	4	19.24	19.32	19.14		
3	QPSK	8	7	19.21	19.23	19.14		
3	QPSK	15	0	19.15	19.28	19.30		
3	16QAM	1	0	19.09	19.24	19.24	20.5	1
3	16QAM	1	8	19.13	19.30	19.08		
3	16QAM	1	14	19.17	19.25	19.22		
3	16QAM	8	0	18.14	18.35	18.24	19.5	2
3	16QAM	8	4	18.20	18.30	18.19		
3	16QAM	8	7	18.17	18.24	18.29		
3	16QAM	15	0	18.22	18.23	18.31		
3	64QAM	1	0	18.04	18.34	18.15	19.5	2
3	64QAM	1	8	18.06	18.28	18.17		
3	64QAM	1	14	18.27	18.20	18.14		
3	64QAM	8	0	17.09	17.28	17.20	18.5	3
3	64QAM	8	4	17.09	17.28	17.12		
3	64QAM	8	7	17.27	17.27	17.22		
3	64QAM	15	0	17.13	17.34	17.32		
3	256QAM	1	0	15.17	15.30	15.20	16.5	5
3	256QAM	1	8	15.16	15.21	15.17		
3	256QAM	1	14	15.18	15.22	15.28		
3	256QAM	8	0	15.32	15.31	15.34	16.5	5
3	256QAM	8	4	15.08	15.28	15.26		
3	256QAM	8	7	15.03	15.29	15.15		
3	256QAM	15	0	15.14	15.25	15.10		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.19	20.28	20.29	21.5	0
1.4	QPSK	1	3	20.15	20.26	20.16		
1.4	QPSK	1	5	20.24	20.26	20.24		
1.4	QPSK	3	0	20.22	20.32	20.29		
1.4	QPSK	3	1	20.15	20.30	20.21		
1.4	QPSK	3	3	20.20	20.20	20.31		
1.4	QPSK	6	0	19.19	19.25	19.29	20.5	1
1.4	16QAM	1	0	19.19	19.27	19.17	20.5	1
1.4	16QAM	1	3	19.21	19.28	19.21		
1.4	16QAM	1	5	19.21	19.23	19.29		
1.4	16QAM	3	0	19.15	19.25	19.21		
1.4	16QAM	3	1	19.16	19.28	19.11		
1.4	16QAM	3	3	19.24	19.24	19.20		
1.4	16QAM	6	0	18.22	18.41	18.28	19.5	2
1.4	64QAM	1	0	18.16	18.29	18.21	19.5	2
1.4	64QAM	1	3	18.23	18.38	18.27		
1.4	64QAM	1	5	18.19	18.24	18.24		
1.4	64QAM	3	0	18.23	18.23	18.28		
1.4	64QAM	3	1	18.31	18.26	18.27		
1.4	64QAM	3	3	18.12	18.28	18.10		
1.4	64QAM	6	0	17.18	17.30	17.22	18.5	3
1.4	256QAM	1	0	15.15	15.34	15.27	16.5	5
1.4	256QAM	1	3	15.17	15.25	15.23		
1.4	256QAM	1	5	15.23	15.17	15.28		
1.4	256QAM	3	0	15.30	15.27	15.38		
1.4	256QAM	3	1	15.06	15.36	15.31		
1.4	256QAM	3	3	15.06	15.23	15.11		
1.4	256QAM	6	0	15.21	15.24	15.13	16.5	5

Band 4 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.28	20.33	20.29	21.5	0
20	QPSK	1	49	20.10	20.31	20.18		
20	QPSK	1	99	20.16	20.25	20.23		
20	QPSK	50	0	19.24	19.32	19.29	20.5	1
20	QPSK	50	24	19.25	19.31	19.14		
20	QPSK	50	50	19.21	19.29	19.23		
20	QPSK	100	0	19.21	19.29	19.26		
20	16QAM	1	0	19.13	19.25	19.22	20.5	1
20	16QAM	1	49	19.17	19.27	19.14		
20	16QAM	1	99	19.19	19.31	19.17		
20	16QAM	50	0	18.23	18.35	18.24	19.5	2
20	16QAM	50	24	18.21	18.30	18.24		
20	16QAM	50	50	18.24	18.25	18.25		
20	16QAM	100	0	18.26	18.35	18.35		
20	64QAM	1	0	18.06	18.38	18.14	19.5	2
20	64QAM	1	49	18.05	18.33	18.20		
20	64QAM	1	99	18.28	18.15	18.19		
20	64QAM	50	0	17.10	17.27	17.30	18.5	3
20	64QAM	50	24	17.10	17.27	17.11		
20	64QAM	50	50	17.21	17.23	17.20		
20	64QAM	100	0	17.13	17.30	17.36		
20	256QAM	1	0	15.09	15.29	15.24	16.5	5
20	256QAM	1	49	15.21	15.19	15.24		
20	256QAM	1	99	15.18	15.16	15.20		
20	256QAM	50	0	15.33	15.31	15.36	16.5	5
20	256QAM	50	24	15.01	15.32	15.28		
20	256QAM	50	50	15.09	15.22	15.09		
20	256QAM	100	0	15.12	15.25	15.10		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.25	20.31	20.30	21.5	0
15	QPSK	1	37	20.12	20.32	20.22		
15	QPSK	1	74	20.19	20.16	20.30		
15	QPSK	36	0	19.28	19.32	19.29	20.5	1
15	QPSK	36	20	19.20	19.26	19.12		
15	QPSK	36	39	19.15	19.29	19.13		
15	QPSK	75	0	19.18	19.23	19.32		
15	16QAM	1	0	19.08	19.25	19.27	20.5	1
15	16QAM	1	37	19.16	19.37	19.11		
15	16QAM	1	74	19.23	19.22	19.23		
15	16QAM	36	0	18.19	18.33	18.27	19.5	2
15	16QAM	36	20	18.16	18.30	18.25		
15	16QAM	36	39	18.24	18.24	18.27		
15	16QAM	75	0	18.27	18.29	18.25		
15	64QAM	1	0	18.13	18.37	18.18	19.5	2
15	64QAM	1	37	18.11	18.36	18.18		
15	64QAM	1	74	18.26	18.25	18.10		
15	64QAM	36	0	17.14	17.32	17.27	18.5	3
15	64QAM	36	20	17.17	17.19	17.22		
15	64QAM	36	39	17.19	17.25	17.24		
15	64QAM	75	0	17.18	17.40	17.34		
15	256QAM	1	0	15.20	15.37	15.21	16.5	5
15	256QAM	1	37	15.21	15.29	15.26		
15	256QAM	1	74	15.20	15.19	15.28		
15	256QAM	36	0	15.33	15.29	15.33	16.5	5
15	256QAM	36	20	15.06	15.35	15.32		
15	256QAM	36	39	15.09	15.31	15.19		
15	256QAM	75	0	15.17	15.28	15.12		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.28	20.25	20.31	21.5	0
10	QPSK	1	25	20.06	20.26	20.17		
10	QPSK	1	49	20.17	20.16	20.29		
10	QPSK	25	0	19.28	19.27	19.27	20.5	1
10	QPSK	25	12	19.25	19.34	19.17		
10	QPSK	25	25	19.18	19.22	19.16		
10	QPSK	50	0	19.16	19.29	19.32		
10	16QAM	1	0	19.06	19.34	19.16	20.5	1
10	16QAM	1	25	19.18	19.26	19.11		
10	16QAM	1	49	19.26	19.29	19.21		
10	16QAM	25	0	18.22	18.29	18.31	19.5	2
10	16QAM	25	12	18.16	18.25	18.22		
10	16QAM	25	25	18.17	18.20	18.31		
10	16QAM	50	0	18.26	18.32	18.34		
10	64QAM	1	0	18.06	18.33	18.19	19.5	2
10	64QAM	1	25	18.06	18.26	18.19		
10	64QAM	1	49	18.19	18.24	18.12		
10	64QAM	25	0	17.10	17.27	17.23	18.5	3
10	64QAM	25	12	17.15	17.26	17.19		
10	64QAM	25	25	17.28	17.22	17.21		
10	64QAM	50	0	17.12	17.36	17.33		
10	256QAM	1	0	15.20	15.38	15.16	16.5	5
10	256QAM	1	25	15.19	15.23	15.27		
10	256QAM	1	49	15.26	15.21	15.29		
10	256QAM	25	0	15.30	15.31	15.31	16.5	5
10	256QAM	25	12	15.00	15.31	15.25		
10	256QAM	25	25	15.03	15.25	15.09		
10	256QAM	50	0	15.22	15.25	15.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.29	20.25	20.25	21.5	0
5	QPSK	1	12	20.05	20.31	20.15		
5	QPSK	1	24	20.26	20.24	20.31		
5	QPSK	12	0	19.22	19.28	19.32	20.5	1
5	QPSK	12	7	19.22	19.30	19.16		
5	QPSK	12	13	19.25	19.25	19.17		
5	QPSK	25	0	19.22	19.27	19.28		
5	16QAM	1	0	19.11	19.34	19.24	20.5	1
5	16QAM	1	12	19.21	19.27	19.14		
5	16QAM	1	24	19.23	19.27	19.21		
5	16QAM	12	0	18.17	18.39	18.24	19.5	2
5	16QAM	12	7	18.21	18.32	18.17		
5	16QAM	12	13	18.25	18.19	18.31		
5	16QAM	25	0	18.25	18.34	18.31		
5	64QAM	1	0	18.05	18.29	18.17	19.5	2
5	64QAM	1	12	18.08	18.32	18.15		
5	64QAM	1	24	18.21	18.19	18.13		
5	64QAM	12	0	17.09	17.24	17.26	18.5	3
5	64QAM	12	7	17.15	17.19	17.12		
5	64QAM	12	13	17.29	17.24	17.23		
5	64QAM	25	0	17.21	17.40	17.30		
5	256QAM	1	0	15.19	15.29	15.22	16.5	5
5	256QAM	1	12	15.21	15.25	15.16		
5	256QAM	1	24	15.20	15.16	15.25		
5	256QAM	12	0	15.33	15.29	15.28	16.5	5
5	256QAM	12	7	15.04	15.31	15.32		
5	256QAM	12	13	15.10	15.31	15.14		
5	256QAM	25	0	15.18	15.29	15.11		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.27	20.29	20.30	21.5	0
3	QPSK	1	8	20.11	20.28	20.22		
3	QPSK	1	14	20.26	20.23	20.25		
3	QPSK	8	0	19.19	19.30	19.30	20.5	1
3	QPSK	8	4	19.26	19.27	19.09		
3	QPSK	8	7	19.15	19.24	19.20		
3	QPSK	15	0	19.15	19.35	19.31		
3	16QAM	1	0	19.10	19.26	19.21	20.5	1
3	16QAM	1	8	19.12	19.29	19.09		
3	16QAM	1	14	19.21	19.21	19.20		
3	16QAM	8	0	18.15	18.29	18.30	19.5	2
3	16QAM	8	4	18.18	18.29	18.20		
3	16QAM	8	7	18.17	18.26	18.29		
3	16QAM	15	0	18.20	18.33	18.35		
3	64QAM	1	0	18.15	18.28	18.10	19.5	2
3	64QAM	1	8	18.13	18.26	18.16		
3	64QAM	1	14	18.27	18.23	18.15		
3	64QAM	8	0	17.07	17.29	17.21	18.5	3
3	64QAM	8	4	17.11	17.26	17.20		
3	64QAM	8	7	17.25	17.32	17.16		
3	64QAM	15	0	17.11	17.36	17.30		
3	256QAM	1	0	15.08	15.34	15.24	16.5	5
3	256QAM	1	8	15.20	15.26	15.26		
3	256QAM	1	14	15.26	15.19	15.25		
3	256QAM	8	0	15.32	15.36	15.33	16.5	5
3	256QAM	8	4	15.04	15.37	15.32		
3	256QAM	8	7	15.02	15.26	15.12		
3	256QAM	15	0	15.16	15.30	15.07		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.16	20.14	20.20	21.5	0
1.4	QPSK	1	3	20.08	20.19	20.02		
1.4	QPSK	1	5	20.18	20.19	20.13		
1.4	QPSK	3	0	20.16	20.27	20.16		
1.4	QPSK	3	1	20.06	20.22	20.12		
1.4	QPSK	3	3	20.06	20.07	20.19		
1.4	QPSK	6	0	19.07	19.21	19.24	20.5	1
1.4	16QAM	1	0	19.13	19.17	19.05	20.5	1
1.4	16QAM	1	3	19.14	19.19	19.15		
1.4	16QAM	1	5	19.16	19.11	19.17		
1.4	16QAM	3	0	19.05	19.21	19.10		
1.4	16QAM	3	1	19.05	19.20	19.05		
1.4	16QAM	3	3	19.18	19.16	19.14		
1.4	16QAM	6	0	18.10	18.28	18.25	19.5	2
1.4	64QAM	1	0	18.14	18.19	18.07	19.5	2
1.4	64QAM	1	3	18.20	18.26	18.18		
1.4	64QAM	1	5	18.08	18.11	18.20		
1.4	64QAM	3	0	18.17	18.09	18.14		
1.4	64QAM	3	1	18.24	18.14	18.20		
1.4	64QAM	3	3	18.02	18.15	18.00		
1.4	64QAM	6	0	17.13	17.24	17.20	18.5	3
1.4	256QAM	1	0	15.10	15.26	15.19	16.5	5
1.4	256QAM	1	3	15.05	15.12	15.10		
1.4	256QAM	1	5	15.10	15.08	15.22		
1.4	256QAM	3	0	15.17	15.18	15.33		
1.4	256QAM	3	1	15.03	15.32	15.18		
1.4	256QAM	3	3	15.02	15.13	15.02		
1.4	256QAM	6	0	15.15	15.21	15.01	16.5	5

Band 5 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.45	22.46	22.43	24	0
10	QPSK	1	25	22.27	22.41	22.34		
10	QPSK	1	49	22.30	22.42	22.39		
10	QPSK	25	0	21.42	21.52	21.47	23	1
10	QPSK	25	12	21.43	21.42	21.32		
10	QPSK	25	25	21.44	21.45	21.44		
10	QPSK	50	0	21.43	21.49	21.48		
10	16QAM	1	0	21.36	21.45	21.46	23	1
10	16QAM	1	25	21.34	21.45	21.

Band 7 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.24	21.27	21.17	22.5	0
20	QPSK	1	49	21.11	21.16	21.09		
20	QPSK	1	99	21.08	21.22	21.17		
20	QPSK	50	0	20.24	20.26	20.26	21.5	1
20	QPSK	50	24	20.24	20.22	20.21		
20	QPSK	50	50	20.24	20.23	20.27		
20	QPSK	100	0	20.26	20.27	20.25		
20	16QAM	1	0	20.26	20.21	20.24	21.5	1
20	16QAM	1	49	20.21	20.22	20.29		
20	16QAM	1	99	20.20	20.24	20.24		
20	16QAM	50	0	19.24	19.35	19.17	20.5	2
20	16QAM	50	24	19.20	19.29	19.30		
20	16QAM	50	50	19.25	19.28	19.20		
20	16QAM	100	0	19.29	19.32	19.29		
20	64QAM	1	0	19.08	19.34	19.08	20.5	2
20	64QAM	1	49	19.06	19.38	19.21		
20	64QAM	1	99	19.26	19.07	19.22		
20	64QAM	50	0	18.02	18.34	18.29	19.5	3
20	64QAM	50	24	18.09	18.31	18.15		
20	64QAM	50	50	18.25	18.20	18.09		
20	64QAM	100	0	18.18	18.38	18.46		
20	256QAM	1	0	16.05	16.28	16.27	17.5	5
20	256QAM	1	49	16.15	16.14	16.22		
20	256QAM	1	99	16.23	16.16	16.30		
20	256QAM	50	0	16.34	16.41	16.36	17.5	5
20	256QAM	50	24	16.00	16.22	16.28		
20	256QAM	50	50	16.08	16.18	16.09		
20	256QAM	100	0	16.09	16.19	16.08		
Channel				20525	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.19	21.15	21.13	22.5	0
15	QPSK	1	37	21.00	21.14	21.05		
15	QPSK	1	74	20.98	21.15	21.15		
15	QPSK	36	0	20.13	20.18	20.17	21.5	1
15	QPSK	36	20	20.22	20.20	20.13		
15	QPSK	36	39	20.14	20.19	20.14		
15	QPSK	75	0	20.12	20.19	20.21		
15	16QAM	1	0	20.21	20.15	20.19	21.5	1
15	16QAM	1	37	20.20	20.22	20.22		
15	16QAM	1	74	20.11	20.19	20.21		
15	16QAM	36	0	19.22	19.29	19.13	20.5	2
15	16QAM	36	20	19.11	19.14	19.28		
15	16QAM	36	39	19.28	19.25	19.15		
15	16QAM	75	0	19.18	19.26	19.30		
15	64QAM	1	0	19.00	19.31	19.04	20.5	2
15	64QAM	1	37	19.04	19.36	19.11		
15	64QAM	1	74	19.18	19.00	19.17		
15	64QAM	36	0	17.95	18.29	18.18	19.5	3
15	64QAM	36	20	18.02	18.25	17.98		
15	64QAM	36	39	18.13	18.20	18.13		
15	64QAM	75	0	18.01	18.29	18.36		
15	256QAM	1	0	16.04	16.17	16.20	17.5	5
15	256QAM	1	37	16.07	16.11	16.21		
15	256QAM	1	74	16.14	16.06	16.14		
15	256QAM	36	0	16.34	16.29	16.25	17.5	5
15	256QAM	36	20	15.97	16.17	16.23		
15	256QAM	36	39	16.02	16.23	16.00		
15	256QAM	75	0	16.08	16.14	16.06		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.21	21.21	21.19	22.5	0
10	QPSK	1	25	21.02	21.17	21.03		
10	QPSK	1	49	20.99	21.13	21.16		
10	QPSK	25	0	20.11	20.20	20.12	21.5	1
10	QPSK	25	12	20.14	20.17	20.12		
10	QPSK	25	25	20.17	20.19	20.21		
10	QPSK	50	0	20.13	20.19	20.13		
10	16QAM	1	0	20.22	20.19	20.12	21.5	1
10	16QAM	1	25	20.12	20.22	20.16		
10	16QAM	1	49	20.16	20.18	20.13		
10	16QAM	25	0	19.24	19.19	19.06	20.5	2
10	16QAM	25	12	19.06	19.17	19.26		
10	16QAM	25	25	19.27	19.21	19.19		
10	16QAM	50	0	19.24	19.27	19.30		
10	64QAM	1	0	19.09	19.31	19.10	20.5	2
10	64QAM	1	25	19.02	19.35	19.15		
10	64QAM	1	49	19.25	19.02	19.22		
10	64QAM	25	0	18.05	18.29	18.19	19.5	3
10	64QAM	25	12	18.09	18.23	18.02		
10	64QAM	25	25	18.15	18.10	18.08		
10	64QAM	50	0	18.09	18.25	18.32		
10	256QAM	1	0	16.06	16.25	16.27	17.5	5
10	256QAM	1	25	16.07	16.13	16.24		
10	256QAM	1	49	16.18	15.99	16.23		
10	256QAM	25	0	16.27	16.28	16.31	17.5	5
10	256QAM	25	12	15.95	16.16	16.25		
10	256QAM	25	25	15.94	16.13	15.92		
10	256QAM	50	0	16.03	16.15	16.02		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.17	21.19	21.12	22.5	0
5	QPSK	1	12	21.04	21.15	21.03		
5	QPSK	1	24	21.08	21.13	21.18		
5	QPSK	12	0	20.21	20.18	20.17	21.5	1
5	QPSK	12	7	20.23	20.19	20.21		
5	QPSK	12	13	20.15	20.17	20.20		
5	QPSK	25	0	20.17	20.16	20.16		
5	16QAM	1	0	20.19	20.11	20.16	21.5	1
5	16QAM	1	12	20.15	20.20	20.20		
5	16QAM	1	24	20.18	20.12	20.14		
5	16QAM	12	0	19.19	19.29	19.08	20.5	2
5	16QAM	12	7	19.09	19.21	19.21		
5	16QAM	12	13	19.21	19.23	19.09		
5	16QAM	25	0	19.21	19.20	19.27		
5	64QAM	1	0	18.99	19.27	19.07	20.5	2
5	64QAM	1	12	18.97	19.30	19.18		
5	64QAM	1	24	19.23	19.09	19.20		
5	64QAM	12	0	17.96	18.25	18.16	19.5	3
5	64QAM	12	7	18.10	18.20	18.03		
5	64QAM	12	13	18.10	18.16	18.03		
5	64QAM	25	0	18.01	18.27	18.35		
5	256QAM	1	0	15.98	16.24	16.16	17.5	5
5	256QAM	1	12	16.06	16.17	16.25		
5	256QAM	1	24	16.13	16.10	16.13		
5	256QAM	12	0	16.26	16.25	16.30	17.5	5
5	256QAM	12	7	16.00	16.23	16.26		
5	256QAM	12	13	16.00	16.14	16.02		
5	256QAM	25	0	16.05	16.08	16.00		

Band 12 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.47	22.51	22.50	24	0
10	QPSK	1	25	22.35	22.39	22.32		
10	QPSK	1	49	22.30	22.50	22.47		
10	QPSK	25	0	21.40	21.50	21.45	23	1
10	QPSK	25	12	21.42	21.49	21.33		
10	QPSK	25	25	21.46	21.47	21.46		
10	QPSK	50	0	21.44	21.47	21.45		
10	16QAM	1	0	21.38	21.51	21.48	23	1
10	16QAM	1	25	21.31	21.44	21.42		
10	16QAM	1	49	21.40	21.57	21.44		
10	16QAM	25	0	20.47	20.52	20.41	22	2
10	16QAM	25	12	20.37	20.52	20.53		
10	16QAM	25	25	20.58	20.48	20.44		
10	16QAM	50	0	20.55	20.49	20.60		
10	64QAM	1	0	20.28	20.56	20.35	22	2
10	64QAM	1	25	20.33	20.58	20.48		
10	64QAM	1	49	20.54	20.36	20.49		
10	64QAM	25	0	19.23	19.58	19.44	21	3
10	64QAM	25	12	19.40	19.52	19.36		
10	64QAM	25	25	19.42	19.44	19.41		
10	64QAM	50	0	19.32	19.59	19.66		
10	256QAM	1	0	17.29	17.52	17.54	19	5
10	256QAM	1	25	17.41	17.41	17.48		
10	256QAM	1	49	17.44	17.30	17.49		
10	256QAM	25	0	17.62	17.64	17.53	19	5
10	256QAM	25	12	17.22	17.46	17.57		
10	256QAM	25	25	17.26	17.47	17.25		
10	256QAM	50	0	17.34	17.48	17.28		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.46	22.41	22.39	24	0
5	QPSK	1	12	22.25	22.36	22.33		
5	QPSK	1	24	22.22	22.33	22.29		
5	QPSK	12	0	21.36	21.42	21.42	23	1
5	QPSK	12	7	21.37	21.40	21.27		
5	QPSK	12	13	21.36	21.45	21.35		
5	QPSK	25	0	21.43	21.33	21.41		
5	16QAM	1	0	21.37	21.40	21.46	23	1
5	16QAM	1	12	21.28	21.36	21.32		
5	16QAM	1	24	21.35	21.53	21.32		
5	16QAM	12	0	20.40	20.41	20.37	22	2
5	16QAM	12	7	20.27	20.41	20.41		
5	16QAM	12	13	20.49	20.49	20.34		
5	16QAM	25	0	20.45	20.52	20.51		
5	64QAM	1	0	20.25	20.47	20.30	22	2
5	64QAM	1	12	20.18	20.54	20.41		
5	64QAM	1	24	20.44	20.27	20.40		
5	64QAM	12	0	19.20	19.48	19.41	21	3
5	64QAM	12	7	19.29	19.49	19.24		
5	64QAM	12	13	19.32	19.43	19.33		
5	64QAM	25	0	19.25	19.56	19.55		
5	256QAM	1	0	17.29	17.48	17.49	19	5
5	256QAM	1	12	17.34	17.35	17.46		
5	256QAM	1	24	17.42	17.37	17.38		
5	256QAM	12	0	17.55	17.47	17.52	19	5
5	256QAM	12	7	17.21	17.45	17.45		
5	256QAM	12	13	17.25	17.38	17.25		
5	256QAM	25	0	17.24	17.34	17.22		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.43	22.46	22.44	24	0
3	QPSK	1	8	22.19	22.40	22.28		
3	QPSK	1	14	22.29	22.38	22.34		
3	QPSK	8	0	21.35	21.42	21.44	23	1
3	QPSK	8	4	21.44	21.36	21.31		
3	QPSK	8	7	21.36	21.39	21.44		
3	QPSK	15	0	21.43	21.34	21.40		
3	16QAM	1	0	21.39	21.38	21.38	23	1
3	16QAM	1	8	21.36	21.36	21.28		
3	16QAM	1	14	21.36	21.53	21.36		
3	16QAM	8	0	20.40	20.44	20.30	22	2
3	16QAM	8	4	20.35	20.46	20.52		
3	16QAM	8	7	20.44	20.46	20.38		
3	16QAM	15	0	20.42	20.46	20.47		
3	64QAM	1	0	20.26	20.53	20.30	22	2
3	64QAM	1	8	20.20	20.54	20.38		
3	64QAM	1	14	20.47	20.32	20.37		
3	64QAM	8	0	19.22	19.41	19.41	21	3
3	64QAM	8	4	19.25	19.48	19.26		
3	64QAM	8	7	19.39	19.35	19.36		
3	64QAM	15	0	19.30	19.46	19.62		
3	256QAM	1	0	17.25	17.47	17.44	19	5
3	256QAM	1	8	17.27	17.31	17.39		
3	256QAM	1	14	17.33	17.28	17.39		
3	256QAM	8	0	17.53	17.50	17.54	19	5
3	256QAM	8	4	17.23	17.38	17.51		
3	256QAM	8	7	17.26	17.39	17.17		
3	256QAM	15	0	17.26	17.33	17.25		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.37	22.30	22.34	24	0
1.4	QPSK	1	3	22.23	22.32	22.19		
1.4	QPSK	1	5	22.31	22.28	22.23		
1.4	QPSK	3	0	22.28	22.37	22.25		
1.4	QPSK	3	1	22.25	22.43	22.27		
1.4	QPSK	3	3	22.16	22.26	22.33		
1.4	QPSK	6	0	21.23	21.38	21.35	23	1
1.4	16QAM	1	0	21.22	21.30	21.24	23	1
1.4	16QAM	1	3	21.24	21.37	21.32		
1.4	16QAM	1	5	21.29	21.27	21.32		
1.4	16QAM	3	0	21.22	21.31	21.30		
1.4	16QAM	3	1	21.23	21.34	21.24		
1.4	16QAM	3	3	21.28	21.28	21.34		
1.4	16QAM	6	0	20.28	20.40	20.39	22	2
1.4	64QAM	1	0	20.27	20.34	20.27	22	2
1.4	64QAM	1	3	20.31	20.36	20.35		
1.4	64QAM	1	5	20.26	20.29	20.36		
1.4	64QAM	3	0	20.37	20.21	20.29		
1.4	64QAM	3	1	20.34	20.23	20.38		
1.4	64QAM	3	3	20.17	20.29	20.14		
1.4	64QAM	6	0	19.25	19.42	19.38	21	3
1.4	256QAM	1	0	17.19	17.42	17.38	19	5
1.4	256QAM	1	3	17.23	17.24	17.22		
1.4	256QAM	1	5	17.31	17.25	17.40		
1.4	256QAM	3	0	17.29	17.39	17.44		
1.4	256QAM	3	1	17.19	17.50	17.31		
1.4	256QAM	3	3	17.13	17.24	17.11		
1.4	256QAM	6	0	17.32	17.34	17.10	19	5

Band 13 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.47		24	0
10	QPSK	1	25		22.37			
10	QPSK	1	49		22.40			
10	QPSK	25	0		21.45		23	1
10	QPSK	25	12		21.44			
10	QPSK	25	25		21.44			
10	QPSK	50	0		21.42			
10	16QAM	1	0		21.50		23	1
10	16QAM	1	25		21.45			
10	16QAM	1	49		21.59			
10	16QAM	25	0		20.55		22	2
10	16QAM	25	12		20.44			
10	16QAM	25	25		20.53			
10	16QAM	50	0		20.54			
10	64QAM	1	0		20.59		22	2
10	64QAM	1	25		20.54			
10	64QAM	1	49		20.31			
10	64QAM	25	0		19.51		21	3
10	64QAM	25	12		19.54			
10	64QAM	25	25		19.36			
10	64QAM	50	0		19.53			
10	256QAM	1	0		17.51		19	5
10	256QAM	1	25		17.43			
10	256QAM	1	49		17.27			
10	256QAM	25	0		17.56		19	5
10	256QAM	25	12		17.44			
10	256QAM	25	25		17.39			
10	256QAM	50	0		17.42			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.42	22.43	22.46	24	0
5	QPSK	1	12	22.25	22.45	22.32		
5	QPSK	1	24	22.29	22.36	22.45		
5	QPSK	12	0	21.44	21.46	21.48	23	1
5	QPSK	12	7	21.43	21.45	21.32		
5	QPSK	12	13	21.49	21.47	21.44		
5	QPSK	25	0	21.45	21.47	21.45		
5	16QAM	1	0	21.32	21.46	21.45	23	1
5	16QAM	1	12	21.39	21.43	21.40		
5	16QAM	1	24	21.40	21.61	21.35		
5	16QAM	12	0	20.50	20.46	20.39	22	2
5	16QAM	12	7	20.36	20.48	20.52		
5	16QAM	12	13	20.53	20.42	20.37		
5	16QAM	25	0	20.46	20.48	20.51		
5	64QAM	1	0	20.26	20.53	20.36	22	2
5	64QAM	1	12	20.24	20.53	20.39		
5	64QAM	1	24	20.50	20.33	20.42		
5	64QAM	12	0	19.26	19.46	19.48	21	3
5	64QAM	12	7	19.33	19.44	19.30		
5	64QAM	12	13	19.41	19.41	19.29		
5	64QAM	25	0	19.27	19.58	19.54		
5	256QAM	1	0	17.25	17.47	17.42	19	5
5	256QAM	1	12	17.30	17.41	17.46		
5	256QAM	1	24	17.45	17.27	17.45		
5	256QAM	12	0	17.51	17.55	17.49	19	5
5	256QAM	12	7	17.25	17.44	17.56		
5	256QAM	12	13	17.21	17.43	17.22		
5	256QAM	25	0	17.33	17.38	17.26		

Band 17 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.49	22.52	22.43	24	0
10	QPSK	1	25	22.33	22.43	22.35		
10	QPSK	1	49	22.33	22.42	22.38		
10	QPSK	25	0	21.46	21.53	21.45	23	1
10	QPSK	25	12	21.51	21.49	21.36		
10	QPSK	25	25	21.45	21.43	21.51		
10	QPSK	50	0	21.42	21.50	21.43		
10	16QAM	1	0	21.36	21.44	21.47	23	1
10	16QAM	1	25	21.38	21.54	21.35		
10	16QAM	1	49	21.41	21.57	21.40		
10	16QAM	25	0	20.45	20.56	20.41	22	2
10	16QAM	25	12	20.42	20.50	20.59		
10	16QAM	25	25	20.47	20.45	20.50		
10	16QAM	50	0	20.51	20.61	20.62		
10	64QAM	1	0	20.36	20.56	20.41	22	2
10	64QAM	1	25	20.29	20.59	20.44		
10	64QAM	1	49	20.46	20.38	20.43		
10	64QAM	25	0	19.25	19.51	19.54	21	3
10	64QAM	25	12	19.39	19.50	19.34		
10	64QAM	25	25	19.51	19.39	19.37		
10	64QAM	50	0	19.40	19.62	19.59		
10	256QAM	1	0	17.33	17.47	17.54	19	5
10	256QAM	1	25	17.44	17.45	17.50		
10	256QAM	1	49	17.49	17.38	17.50		
10	256QAM	25	0	17.56	17.62	17.60	19	5
10	256QAM	25	12	17.33	17.54	17.53		
10	256QAM	25	25	17.31	17.43	17.21		
10	256QAM	50	0	17.37	17.39	17.31		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.41	22.46	22.33	24	0
5	QPSK	1	12	22.25	22.35	22.31		
5	QPSK	1	24	22.26	22.33	22.35		
5	QPSK	12	0	21.42	21.41	21.44	23	1
5	QPSK	12	7	21.37	21.33	21.25		
5	QPSK	12	13	21.40	21.38	21.43		
5	QPSK	25	0	21.37	21.43	21.37		
5	16QAM	1	0	21.31	21.42	21.42	23	1
5	16QAM	1	12	21.34	21.44	21.34		
5	16QAM	1	24	21.36	21.49	21.35		
5	16QAM	12	0	20.44	20.48	20.33	22	2
5	16QAM	12	7	20.33	20.41	20.48		
5	16QAM	12	13	20.42	20.43	20.32		
5	16QAM	25	0	20.47	20.46	20.52		
5	64QAM	1	0	20.26	20.54	20.29	22	2
5	64QAM	1	12	20.23	20.54	20.39		
5	64QAM	1	24	20.38	20.22	20.37		
5	64QAM	12	0	19.28	19.43	19.37	21	3
5	64QAM	12	7	19.33	19.43	19.26		
5	64QAM	12	13	19.36	19.39	19.35		
5	64QAM	25	0	19.24	19.56	19.60		
5	256QAM	1	0	17.23	17.49	17.48	19	5
5	256QAM	1	12	17.37	17.33	17.37		
5	256QAM	1	24	17.40	17.25	17.45		
5	256QAM	12	0	17.54	17.55	17.55	19	5
5	256QAM	12	7	17.25	17.48	17.50		
5	256QAM	12	13	17.22	17.43	17.18		
5	256QAM	25	0	17.25	17.38	17.30		

Band 26 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.44	22.52	22.44	24	0
15	QPSK	1	37	22.29	22.36	22.34		
15	QPSK	1	74	22.33	22.47	22.44		
15	QPSK	36	0	21.40	21.51	21.43	23	1
15	QPSK	36	20	21.39	21.42	21.27		
15	QPSK	36	39	21.39	21.40	21.38		
15	QPSK	75	0	21.40	21.47	21.45		
15	16QAM	1	0	21.34	21.43	21.50	23	1
15	16QAM	1	37	21.38	21.51	21.30		
15	16QAM	1	74	21.35	21.57	21.40		
15	16QAM	36	0	20.48	20.56	20.35	22	2
15	16QAM	36	20	20.40	20.50	20.53		
15	16QAM	36	39	20.55	20.42	20.42		
15	16QAM	75	0	20.51	20.57	20.53		
15	64QAM	1	0	20.34	20.53	20.29	22	2
15	64QAM	1	37	20.23	20.58	20.45		
15	64QAM	1	74	20.52	20.26	20.48		
15	64QAM	36	0	19.30	19.55	19.51	21	3
15	64QAM	36	20	19.34	19.50	19.34		
15	64QAM	36	39	19.37	19.35	19.30		
15	64QAM	75	0	19.35	19.60	19.55		
15	256QAM	1	0	17.25	17.47	17.53	19	5
15	256QAM	1	37	17.31	17.44	17.50		
15	256QAM	1	74	17.38	17.29	17.48		
15	256QAM	36	0	17.58	17.53	17.50	19	5
15	256QAM	36	20	17.19	17.48	17.47		
15	256QAM	36	39	17.24	17.41	17.17		
15	256QAM	75	0	17.38	17.45	17.31		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.42	22.47	22.39	24	0
10	QPSK	1	25	22.23	22.43	22.25		
10	QPSK	1	49	22.32	22.37	22.34		
10	QPSK	25	0	21.34	21.41	21.42	23	1
10	QPSK	25	12	21.37	21.42	21.23		
10	QPSK	25	25	21.41	21.39	21.45		
10	QPSK	50	0	21.43	21.43	21.44		
10	16QAM	1	0	21.33	21.38	21.46	23	1
10	16QAM	1	25	21.27	21.44	21.34		
10	16QAM	1	49	21.31	21.56	21.32		
10	16QAM	25	0	20.42	20.50	20.34	22	2
10	16QAM	25	12	20.33	20.36	20.43		
10	16QAM	25	25	20.49	20.43	20.40		
10	16QAM	50	0	20.46	20.51	20.55		
10	64QAM	1	0	20.23	20.49	20.31	22	2
10	64QAM	1	25	20.24	20.57	20.34		
10	64QAM	1	49	20.49	20.27	20.39		
10	64QAM	25	0	19.26	19.46	19.39	21	3
10	64QAM	25	12	19.34	19.42	19.29		
10	64QAM	25	25	19.36	19.39	19.36		
10	64QAM	50	0	19.23	19.53	19.55		
10	256QAM	1	0	17.27	17.44	17.41	19	5
10	256QAM	1	25	17.31	17.40	17.45		
10	256QAM	1	49	17.38	17.34	17.46		
10	256QAM	25	0	17.47	17.48	17.55	19	5
10	256QAM	25	12	17.27	17.40	17.49		
10	256QAM	25	25	17.27	17.35	17.14		
10	256QAM	50	0	17.29	17.34	17.25		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.40	22.40	22.42	24	0
5	QPSK	1	12	22.22	22.35	22.36		
5	QPSK	1	24	22.23	22.34	22.38		
5	QPSK	12	0	21.39	21.37	21.40	23	1
5	QPSK	12	7	21.41	21.43	21.30		
5	QPSK	12	13	21.34	21.36	21.34		
5	QPSK	25	0	21.45	21.43	21.41		
5	16QAM	1	0	21.37	21.45	21.36	23	1
5	16QAM	1	12	21.27	21.38	21.30		
5	16QAM	1	24	21.38	21.50	21.34		
5	16QAM	12	0	20.48	20.46	20.38	22	2
5	16QAM	12	7	20.28	20.41	20.49		
5	16QAM	12	13	20.40	20.39	20.37		
5	16QAM	25	0	20.44	20.51	20.46		
5	64QAM	1	0	20.26	20.56	20.27	22	2
5	64QAM	1	12	20.19	20.55	20.32		
5	64QAM	1	24	20.48	20.28	20.45		
5	64QAM	12	0	19.18	19.47	19.40	21	3
5	64QAM	12	7	19.25	19.46	19.32		
5	64QAM	12	13	19.32	19.33	19.27		
5	64QAM	25	0	19.29	19.52	19.60		
5	256QAM	1	0	17.26	17.40	17.44	19	5
5	256QAM	1	12	17.31	17.31	17.42		
5	256QAM	1	24	17.39	17.33	17.39		
5	256QAM	12	0	17.57	17.54	17.51	19	5
5	256QAM	12	7	17.17	17.47	17.50		
5	256QAM	12	13	17.24	17.37	17.17		
5	256QAM	25	0	17.23	17.39	17.25		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.40	22.39	22.37	24	0
3	QPSK	1	8	22.19	22.34	22.34		
3	QPSK	1	14	22.21	22.44	22.32		
3	QPSK	8	0	21.34	21.34	21.36	23	1
3	QPSK	8	4	21.44	21.43	21.26		
3	QPSK	8	7	21.35	21.39	21.38		
3	QPSK	15	0	21.33	21.38	21.43		
3	16QAM	1	0	21.29	21.47	21.47	23	1
3	16QAM	1	8	21.28	21.46	21.34		
3	16QAM	1	14	21.34	21.54	21.32		
3	16QAM	8	0	20.45	20.52	20.38	22	2
3	16QAM	8	4	20.37	20.38	20.47		
3	16QAM	8	7	20.49	20.44	20.35		
3	16QAM	15	0	20.45	20.50	20.47		
3	64QAM	1	0	20.33	20.56	20.29	22	2
3	64QAM	1	8	20.21	20.49	20.38		
3	64QAM	1	14	20.46	20.26	20.36		
3	64QAM	8	0	19.25	19.49	19.41	21	3
3	64QAM	8	4	19.31	19.41	19.22		
3	64QAM	8	7	19.39	19.39	19.35		
3	64QAM	15	0	19.32	19.51	19.50		
3	256QAM	1	0	17.23	17.41	17.48	19	5
3	256QAM	1	8	17.37	17.40	17.48		
3	256QAM	1	14	17.41	17.26	17.47		
3	256QAM	8	0	17.58	17.46	17.46	19	5
3	256QAM	8	4	17.26	17.38	17.50		
3	256QAM	8	7	17.16	17.37	17.24		
3	256QAM	15	0	17.27	17.41	17.22		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.36	22.27	22.39	24	0
1.4	QPSK	1	3	22.18	22.39	22.17		
1.4	QPSK	1	5	22.32	22.38	22.30		
1.4	QPSK	3	0	22.37	22.42	22.32		
1.4	QPSK	3	1	22.27	22.38	22.27		
1.4	QPSK	3	3	22.20	22.26	22.29		
1.4	QPSK	6	0	21.26	21.41	21.39	23	1
1.4	16QAM	1	0	21.27	21.37	21.21	23	1
1.4	16QAM	1	3	21.30	21.28	21.30		
1.4	16QAM	1	5	21.30	21.31	21.29		
1.4	16QAM	3	0	21.15	21.39	21.24		
1.4	16QAM	3	1	21.20	21.32	21.18		
1.4	16QAM	3	3	21.32	21.33	21.29		
1.4	16QAM	6	0	20.21	20.44	20.45	22	2
1.4	64QAM	1	0	20.30	20.37	20.19	22	2
1.4	64QAM	1	3	20.32	20.40	20.38		
1.4	64QAM	1	5	20.25	20.22	20.36		
1.4	64QAM	3	0	20.37	20.18	20.35		
1.4	64QAM	3	1	20.36	20.25	20.31		
1.4	64QAM	3	3	20.20	20.33	20.10		
1.4	64QAM	6	0	19.28	19.37	19.38	21	3
1.4	256QAM	1	0	17.20	17.42	17.37	19	5
1.4	256QAM	1	3	17.20	17.27	17.22		
1.4	256QAM	1	5	17.26	17.25	17.43		
1.4	256QAM	3	0	17.35	17.36	17.47		
1.4	256QAM	3	1	17.23	17.42	17.28		
1.4	256QAM	3	3	17.20	17.30	17.21		
1.4	256QAM	6	0	17.35	17.34	17.12	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.28	20.37	20.33	21.5	0
20	QPSK	1	49	20.17	20.32	20.15		
20	QPSK	1	99	20.16	20.32	20.22		
20	QPSK	50	0	19.31	19.35	19.31	20.5	1
20	QPSK	50	24	19.23	19.31	19.23		
20	QPSK	50	50	19.18	19.28	19.28		
20	QPSK	100	0	19.24	19.33	19.31		
20	16QAM	1	0	19.13	19.24	19.24	20.5	1
20	16QAM	1	49	19.15	19.27	19.12		
20	16QAM	1	99	19.20	19.32	19.24		
20	16QAM	50	0	18.21	18.38	18.22	19.5	2
20	16QAM	50	24	18.19	18.37	18.28		
20	16QAM	50	50	18.23	18.27	18.22		
20	16QAM	100	0	18.31	18.42	18.35		
20	64QAM	1	0	18.04	18.45	18.18	19.5	2
20	64QAM	1	49	18.03	18.34	18.20		
20	64QAM	1	99	18.36	18.16	18.17		
20	64QAM	50	0	17.11	17.25	17.32	18.5	3
20	64QAM	50	24	17.10	17.31	17.18		
20	64QAM	50	50	17.22	17.20	17.21		
20	64QAM	100	0	17.17	17.32	17.39		
20	256QAM	1	0	15.07	15.30	15.21	16.5	5
20	256QAM	1	49	15.24	15.26	15.33		
20	256QAM	1	99	15.23	15.22	15.21		
20	256QAM	50	0	15.39	15.39	15.36	16.5	5
20	256QAM	50	24	15.08	15.39	15.32		
20	256QAM	50	50	15.13	15.25	15.11		
20	256QAM	100	0	15.12	15.28	15.11		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.29	20.34	20.31	21.5	0
15	QPSK	1	37	20.14	20.34	20.21		
15	QPSK	1	74	20.16	20.25	20.26		
15	QPSK	36	0	19.21	19.32	19.27	20.5	1
15	QPSK	36	20	19.24	19.40	19.14		
15	QPSK	36	39	19.20	19.27	19.24		
15	QPSK	75	0	19.21	19.28	19.30		
15	16QAM	1	0	19.17	19.27	19.28	20.5	1
15	16QAM	1	37	19.21	19.33	19.15		
15	16QAM	1	74	19.19	19.34	19.18		
15	16QAM	36	0	18.22	18.42	18.27	19.5	2
15	16QAM	36	20	18.23	18.37	18.24		
15	16QAM	36	39	18.31	18.24	18.29		
15	16QAM	75	0	18.26	18.38	18.37		
15	64QAM	1	0	18.12	18.45	18.15	19.5	2
15	64QAM	1	37	18.11	18.36	18.17		
15	64QAM	1	74	18.26	18.13	18.24		
15	64QAM	36	0	17.16	17.29	17.33	18.5	3
15	64QAM	36	20	17.08	17.30	17.14		
15	64QAM	36	39	17.25	17.22	17.22		
15	64QAM	75	0	17.12	17.33	17.34		
15	256QAM	1	0	15.14	15.29	15.32	16.5	5
15	256QAM	1	37	15.19	15.16	15.30		
15	256QAM	1	74	15.25	15.14	15.28		
15	256QAM	36	0	15.36	15.30	15.33	16.5	5
15	256QAM	36	20	15.05	15.33	15.33		
15	256QAM	36	39	15.06	15.20	15.15		
15	256QAM	75	0	15.21	15.29	15.09		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.32	20.36	20.36	21.5	0
10	QPSK	1	25	20.07	20.29	20.21		
10	QPSK	1	49	20.14	20.33	20.24		
10	QPSK	25	0	19.22	19.31	19.34	20.5	1
10	QPSK	25	12	19.26	19.34	19.15		
10	QPSK	25	25	19.24	19.29	19.23		
10	QPSK	50	0	19.23	19.28	19.24		
10	16QAM	1	0	19.16	19.28	19.21	20.5	1
10	16QAM	1	25	19.18	19.27	19.16		
10	16QAM	1	49	19.16	19.38	19.21		
10	16QAM	25	0	18.32	18.35	18.21	19.5	2
10	16QAM	25	12	18.20	18.29	18.21		
10	16QAM	25	25	18.29	18.24	18.33		
10	16QAM	50	0	18.24	18.37	18.44		
10	64QAM	1	0	18.11	18.43	18.22	19.5	2
10	64QAM	1	25	18.06	18.35	18.20		
10	64QAM	1	49	18.34	18.23	18.17		
10	64QAM	25	0	17.16	17.30	17.35	18.5	3
10	64QAM	25	12	17.17	17.28	17.11		
10	64QAM	25	25	17.22	17.22	17.21		
10	64QAM	50	0	17.11	17.30	17.39		
10	256QAM	1	0	15.09	15.32	15.29	16.5	5
10	256QAM	1	25	15.26	15.23	15.33		
10	256QAM	1	49	15.18	15.16	15.22		
10	256QAM	25	0	15.34	15.38	15.36	16.5	5
10	256QAM	25	12	15.05	15.29	15.34		
10	256QAM	25	25	15.13	15.21	15.10		
10	256QAM	50	0	15.13	15.32	15.17		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.33	20.33	20.35	21.5	0
5	QPSK	1	12	20.19	20.35	20.20		
5	QPSK	1	24	20.20	20.33	20.26		
5	QPSK	12	0	19.25	19.40	19.28	20.5	1
5	QPSK	12	7	19.31	19.39	19.17		
5	QPSK	12	13	19.23	19.36	19.22		
5	QPSK	25	0	19.23	19.30	19.28		
5	16QAM	1	0	19.18	19.25	19.24	20.5	1
5	16QAM	1	12	19.26	19.28	19.17		
5	16QAM	1	24	19.16	19.34	19.22		
5	16QAM	12	0	18.25	18.38	18.29	19.5	2
5	16QAM	12	7	18.21	18.34	18.28		
5	16QAM	12	13	18.30	18.29	18.24		
5	16QAM	25	0	18.29	18.36	18.34		
5	64QAM	1	0	18.07	18.42	18.20	19.5	2
5	64QAM	1	12	18.12	18.37	18.19		
5	64QAM	1	24	18.32	18.17	18.19		
5	64QAM	12	0	17.18	17.30	17.31	18.5	3
5	64QAM	12	7	17.08	17.25	17.13		
5	64QAM	12	13	17.28	17.21	17.28		
5	64QAM	25	0	17.22	17.27	17.42		
5	256QAM	1	0	15.13	15.32	15.33	16.5	5
5	256QAM	1	12	15.19	15.18	15.25		
5	256QAM	1	24	15.23	15.18	15.23		
5	256QAM	12	0	15.36	15.39	15.43	16.5	5
5	256QAM	12	7	15.00	15.39	15.33		
5	256QAM	12	13	15.10	15.30	15.14		
5	256QAM	25	0	15.19	15.31	15.16		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.34	20.28	20.28	21.5	0
3	QPSK	1	8	20.12	20.34	20.21		
3	QPSK	1	14	20.17	20.32	20.22		
3	QPSK	8	0	19.23	19.41	19.28	20.5	1
3	QPSK	8	4	19.30	19.32	19.20		
3	QPSK	8	7	19.28	19.31	19.26		
3	QPSK	15	0	19.25	19.30	19.32		
3	16QAM	1	0	19.12	19.26	19.23	20.5	1
3	16QAM	1	8	19.15	19.28	19.21		
3	16QAM	1	14	19.23	19.32	19.22		
3	16QAM	8	0	18.24	18.40	18.25	19.5	2
3	16QAM	8	4	18.21	18.34	18.28		
3	16QAM	8	7	18.30	18.23	18.29		
3	16QAM	15	0	18.31	18.38	18.38		
3	64QAM	1	0	18.13	18.39	18.15	19.5	2
3	64QAM	1	8	18.03	18.31	18.17		
3	64QAM	1	14	18.31	18.14	18.17		
3	64QAM	8	0	17.09	17.31	17.28	18.5	3
3	64QAM	8	4	17.16	17.31	17.13		
3	64QAM	8	7	17.22	17.27	17.18		
3	64QAM	15	0	17.17	17.29	17.42		
3	256QAM	1	0	15.11	15.29	15.23	16.5	5
3	256QAM	1	8	15.21	15.22	15.24		
3	256QAM	1	14	15.24	15.15	15.20		
3	256QAM	8	0	15.40	15.37	15.42	16.5	5
3	256QAM	8	4	15.02	15.34	15.34		
3	256QAM	8	7	15.14	15.24	15.12		
3	256QAM	15	0	15.21	15.30	15.15		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.19	20.27	20.23	21.5	0
1.4	QPSK	1	3	20.17	20.30	20.12		
1.4	QPSK	1	5	20.25	20.20	20.16		
1.4	QPSK	3	0	20.17	20.32	20.22		
1.4	QPSK	3	1	20.10	20.24	20.17		
1.4	QPSK	3	3	20.16	20.22	20.28		
1.4	QPSK	6	0	19.19	19.24	19.32	20.5	1
1.4	16QAM	1	0	19.16	19.25	19.15	20.5	1
1.4	16QAM	1	3	19.24	19.31	19.21		
1.4	16QAM	1	5	19.21	19.22	19.30		
1.4	16QAM	3	0	19.11	19.23	19.24		
1.4	16QAM	3	1	19.13	19.28	19.10		
1.4	16QAM	3	3	19.19	19.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.21	21.27	21.25	22.5	0
20	QPSK	1	49	21.13	21.18	21.14		
20	QPSK	1	99	21.03	21.19	21.11		
20	QPSK	50	0	20.21	20.31	20.23	21.5	1
20	QPSK	50	24	20.19	20.24	20.20		
20	QPSK	50	50	20.20	20.21	20.24		
20	QPSK	100	0	20.28	20.29	20.23		
20	16QAM	1	0	20.20	20.23	20.25	21.5	1
20	16QAM	1	49	20.23	20.27	20.25		
20	16QAM	1	99	20.19	20.28	20.18		
20	16QAM	50	0	19.27	19.29	19.23	20.5	2
20	16QAM	50	24	19.18	19.35	19.24		
20	16QAM	50	50	19.24	19.34	19.20		
20	16QAM	100	0	19.29	19.31	19.33		
20	64QAM	1	0	19.04	19.33	19.12	20.5	2
20	64QAM	1	49	19.03	19.33	19.22		
20	64QAM	1	99	19.31	19.08	19.19		
20	64QAM	50	0	18.02	18.30	18.33	19.5	3
20	64QAM	50	24	18.13	18.36	18.20		
20	64QAM	50	50	18.25	18.19	18.08		
20	64QAM	100	0	18.18	18.38	18.43		
20	256QAM	1	0	16.03	16.23	16.22	17.5	5
20	256QAM	1	49	16.12	16.15	16.23		
20	256QAM	1	99	16.22	16.11	16.34		
20	256QAM	50	0	16.36	16.46	16.36	17.5	5
20	256QAM	50	24	16.05	16.26	16.30		
20	256QAM	50	50	16.03	16.16	16.05		
20	256QAM	100	0	16.14	16.23	16.14		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.19	21.18	21.06	22.5	0
15	QPSK	1	37	21.06	21.11	21.06		
15	QPSK	1	74	21.00	21.18	21.12		
15	QPSK	36	0	20.13	20.24	20.16	21.5	1
15	QPSK	36	20	20.21	20.20	20.10		
15	QPSK	36	39	20.16	20.16	20.17		
15	QPSK	75	0	20.17	20.16	20.17		
15	16QAM	1	0	20.19	20.15	20.15	21.5	1
15	16QAM	1	37	20.20	20.11	20.18		
15	16QAM	1	74	20.18	20.15	20.17		
15	16QAM	36	0	19.22	19.29	19.15	20.5	2
15	16QAM	36	20	19.11	19.21	19.18		
15	16QAM	36	39	19.13	19.25	19.08		
15	16QAM	75	0	19.20	19.23	19.28		
15	64QAM	1	0	18.98	19.28	19.06	20.5	2
15	64QAM	1	37	19.01	19.25	19.15		
15	64QAM	1	74	19.16	18.99	19.15		
15	64QAM	36	0	17.98	18.30	18.23	19.5	3
15	64QAM	36	20	18.08	18.26	18.13		
15	64QAM	36	39	18.12	18.07	18.01		
15	64QAM	75	0	18.08	18.33	18.39		
15	256QAM	1	0	15.99	16.20	16.19	17.5	5
15	256QAM	1	37	16.09	16.05	16.14		
15	256QAM	1	74	16.16	16.09	16.22		
15	256QAM	36	0	16.31	16.38	16.27	17.5	5
15	256QAM	36	20	15.89	16.18	16.27		
15	256QAM	36	39	16.00	16.08	16.03		
15	256QAM	75	0	15.97	16.10	16.03		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.12	21.24	21.09	22.5	0
10	QPSK	1	25	20.98	21.07	21.08		
10	QPSK	1	49	21.04	21.18	21.10		
10	QPSK	25	0	20.23	20.22	20.19	21.5	1
10	QPSK	25	12	20.17	20.16	20.13		
10	QPSK	25	25	20.20	20.13	20.26		
10	QPSK	50	0	20.19	20.25	20.19		
10	16QAM	1	0	20.15	20.12	20.14	21.5	1
10	16QAM	1	25	20.11	20.12	20.23		
10	16QAM	1	49	20.13	20.14	20.13		
10	16QAM	25	0	19.11	19.23	19.10	20.5	2
10	16QAM	25	12	19.16	19.17	19.19		
10	16QAM	25	25	19.16	19.26	19.07		
10	16QAM	50	0	19.23	19.25	19.21		
10	64QAM	1	0	18.99	19.32	19.00	20.5	2
10	64QAM	1	25	19.01	19.31	19.20		
10	64QAM	1	49	19.21	19.02	19.13		
10	64QAM	25	0	17.93	18.28	18.26	19.5	3
10	64QAM	25	12	18.01	18.30	18.08		
10	64QAM	25	25	18.23	18.14	17.97		
10	64QAM	50	0	18.17	18.35	18.36		
10	256QAM	1	0	15.98	16.22	16.18	17.5	5
10	256QAM	1	25	16.10	16.06	16.21		
10	256QAM	1	49	16.22	16.13	16.23		
10	256QAM	25	0	16.24	16.40	16.29	17.5	5
10	256QAM	25	12	15.91	16.19	16.25		
10	256QAM	25	25	15.99	16.13	16.02		
10	256QAM	50	0	16.01	16.13	15.99		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.20	21.23	21.09	22.5	0
5	QPSK	1	12	21.06	21.03	21.02		
5	QPSK	1	24	21.00	21.16	21.07		
5	QPSK	12	0	20.17	20.27	20.16	21.5	1
5	QPSK	12	7	20.17	20.13	20.15		
5	QPSK	12	13	20.23	20.11	20.22		
5	QPSK	25	0	20.13	20.16	20.18		
5	16QAM	1	0	20.18	20.11	20.20	21.5	1
5	16QAM	1	12	20.10	20.18	20.22		
5	16QAM	1	24	20.15	20.14	20.18		
5	16QAM	12	0	19.20	19.34	19.11	20.5	2
5	16QAM	12	7	19.17	19.26	19.23		
5	16QAM	12	13	19.13	19.26	19.08		
5	16QAM	25	0	19.27	19.23	19.25		
5	64QAM	1	0	18.97	19.25	19.05	20.5	2
5	64QAM	1	12	18.99	19.31	19.16		
5	64QAM	1	24	19.21	18.95	19.16		
5	64QAM	12	0	17.97	18.27	18.19	19.5	3
5	64QAM	12	7	18.02	18.29	18.05		
5	64QAM	12	13	18.18	18.18	17.99		
5	64QAM	25	0	18.10	18.28	18.40		
5	256QAM	1	0	15.95	16.18	16.25	17.5	5
5	256QAM	1	12	16.05	16.11	16.16		
5	256QAM	1	24	16.11	16.11	16.19		
5	256QAM	12	0	16.22	16.35	16.35	17.5	5
5	256QAM	12	7	15.91	16.18	16.16		
5	256QAM	12	13	16.00	16.13	16.01		
5	256QAM	25	0	16.03	16.12	16.05		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.23	21.25	21.32	21.31	21.21	22.5	0
20	QPSK	1	49	21.12	21.21	21.08	21.13	21.09		
20	QPSK	1	99	21.02	21.18	21.13	21.17	21.20		
20	QPSK	50	0	20.22	20.26	20.31	20.27	20.28	21.5	1
20	QPSK	50	24	20.30	20.22	20.20	20.28	20.22		
20	QPSK	50	50	20.29	20.22	20.26	20.24	20.23		
20	QPSK	100	0	20.23	20.22	20.28	20.25	20.24		
20	16QAM	1	0	20.23	20.26	20.25	20.24	20.20	21.5	1
20	16QAM	1	49	20.20	20.23	20.25	20.22	20.31		
20	16QAM	1	99	20.25	20.20	20.25	20.24	20.27		
20	16QAM	50	0	19.22	19.37	19.25	19.33	19.16	20.5	2
20	16QAM	50	24	19.21	19.29	19.15	19.28	19.34		
20	16QAM	50	50	19.27	19.30	19.26	19.26	19.21		
20	16QAM	100	0	19.27	19.36	19.28	19.36	19.27		
20	64QAM	1	0	19.04	19.39	19.04	19.33	19.07	20.5	2
20	64QAM	1	49	19.06	19.39	19.11	19.35	19.25		
20	64QAM	1	99	19.29	19.11	19.28	19.11	19.26		
20	64QAM	50	0	18.08	18.37	18.07	18.29	18.26	19.5	3
20	64QAM	50	24	18.04	18.30	18.09	18.26	18.12		
20	64QAM	50	50	18.21	18.18	18.19	18.16	18.09		
20	64QAM	100	0	18.19	18.37	18.23	18.44	18.49		
20	256QAM	1	0	16.11	16.34	16.05	16.31	16.32	17.5	5
20	256QAM	1	49	16.16	16.16	16.17	16.16	16.23		
20	256QAM	1	99	16.24	16.13	16.25	16.17	16.34		
20	256QAM	50	0	16.28	16.46	16.37	16.41	16.41	17.5	5
20	256QAM	50	24	16.01	16.24	16.02	16.21	16.30		
20	256QAM	50	50	16.09	16.13	16.06	16.23	16.11		
20	256QAM	100	0	16.08	16.14	16.08	16.20	16.07		
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	21.17	21.21	21.17	21.17	21.09	23	0
15	QPSK	1	37	21.01	21.11	21.09	21.07	21.00		
15	QPSK	1	74	20.99	21.09	21.04	21.17	21.16		
15	QPSK	36	0	20.13	20.26	20.20	20.23	20.19	21.5	1
15	QPSK	36	20	20.12	20.13	20.17	20.10	20.18		
15	QPSK	36	39	20.12	20.18	20.21	20.14	20.20		
15	QPSK	75	0	20.16	20.19	20.21	20.17	20.19		
15	16QAM	1	0	20.18	20.08	20.21	20.09	20.19	21.5	1
15	16QAM	1	37	20.09	20.15	20.14	20.15	20.20		
15	16QAM	1	74	20.17	20.15	20.16	20.18	20.11		
15	16QAM	36	0	19.21	19.23	19.17	19.24	19.10	20.5	2
15	16QAM	36	20	19.13	19.26	19.10	19.23	19.21		
15	16QAM	36	39	19.18	19.26	19.18	19.17	19.18		
15	16QAM	75	0	19.22	19.22	19.22	19.26	19.26		
15	64QAM	1	0	18.96	19.27	18.99	19.28	18.98	20.5	2
15	64QAM	1	37	18.99	19.25	19.04	19.25	19.19		
15	64QAM	1	74	19.13	18.98	19.24	18.96	19.19		
15	64QAM	36	0	17.93	18.24	17.96	18.29	18.24	19.5	3
15	64QAM	36	20	18.00	18.28	18.07	18.20	18.10		
15	64QAM	36	39	18.14	18.11	18.17	18.15	17.97		
15	64QAM	75	0	18.13	18.34	18.13	18.28	18.38		
15	256QAM	1	0	15.95	16.25	15.99	16.24	16.23	17.5	5
15	256QAM	1	37	16.12	16.07	16.04	16.12	16.20		
15	256QAM	1	74	16.20	16.07	16.20	16.10	16.18		
15	256QAM	36	0	16.24	16.28	16.28	16.31	16.31	17.5	5
15	256QAM	36	20	15.91	16.20	15.91	16.09	16.16		
15	256QAM	36	39	16.01	16.10	15.97	16.11	15.98		
15	256QAM	75	0	16.05	16.13	15.98	16.11	16.04		
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	21.19	21.13	21.25	21.05	23	0
10	QPSK	1	25	21.03	21.13	20.98	21.09	21.01		
10	QPSK	1	49	21.07	21.17	20.97	21.20	21.09		
10	QPSK	25	0	20.23	20.19	20.22	20.25	20.17	21.5	1
10	QPSK	25	12	20.17	20.11	20.23	20.13	20.09		
10	QPSK	25	25	20.12	20.16	20.15	20.21	20.20		
10	QPSK	50	0	20.17	20.23	20.24	20.19	20.21		
10	16QAM	1	0	20.23	20.16	20.15	20.20	20.15	21.5	1
10	16QAM	1	25	20.09	20.13	20.15	20.20	20.21		
10	16QAM	1	49	20.17	20.16	20.15	20.16	20.20		
10	16QAM	25	0	19.16	19.27	19.15	19.31	19.07	20.5	2
10	16QAM	25	12	19.10	19.24	19.18	19.17	19.21		
10	16QAM	25	25	19.23	19.20	19.14	19.16	19.18		
10	16QAM	50	0	19.19	19.25	19.23	19.25	19.17		
10	64QAM	1	0	18.98	19.22	19.00	19.22	18.98	20.5	2
10	64QAM	1	25	19.00	19.25	19.01	19.33	19.18		
10	64QAM	1	49	19.21	19.04	19.16	18.98	19.16		
10	64QAM	25	0	17.97	18.22	18.01	18.21	18.20	19.5	3
10	64QAM	25	12	18.06	18.26	18.02	18.23	18.02		
10	64QAM	25	25	18.13	18.11	18.23	18.16	18.05		
10	64QAM	50	0	18.14	18.28	18.07	18.34	18.36		
10	256QAM	1	0	15.97	16.24	15.95	16.24	16.23	17.5	5
10	256QAM	1	25	16.10	16.04	16.06	16.09	16.20		
10	256QAM	1	49	16.20	16.10	16.10	16.11	16.29		
10	256QAM	25	0	16.27	16.31	16.27	16.35	16.32	17.5	5
10	256QAM	25	12	15.94	16.18	15.96	16.15	16.20		
10	256QAM	25	25	15.97	16.06	16.00	16.15	16.06		
10	256QAM	50	0	16.00	16.12	16.08	16.09	16.06		
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	21.21	21.18	21.13	21.20	21.08	23	0
5	QPSK	1	12	21.03	21.08	21.05	21.09	21.02		
5	QPSK	1	24	20.98	21.09	21.01	21.13	21.05		
5	QPSK	12	0	20.14	20.22	20.16	20.26	20.23	21.5	1
5	QPSK	12	7	20.18	20.14	20.21	20.10	20.15		
5	QPSK	12	13	20.13	20.16	20.19	20.11	20.18		
5	QPSK	25	0	20.21	20.24	20.21	20.22	20.22		
5	16QAM	1	0	20.19	20.19	20.18	20.14	20.17	21.5	1
5	16QAM	1	12	20.16	20.16	20.18	20.17	20.22		
5	16QAM	1	24	20.18	20.18	20.15	20.16	20.14		
5	16QAM	12	0	19.16	19.27	19.15	19.33	19.06	20.5	2
5	16QAM	12	7	19.17	19.24	19.11	19.17	19.21		
5	16QAM	12	13	19.18	19.22	19.15	19.19	19.09		
5	16QAM	25	0	19.20	19.20	19.21	19.20	19.24		
5	64QAM	1	0	19.04	19.26	18.98	19.30	19.01	20.5	2
5	64QAM	1	12	18.94	19.27	19.01	19.29	19.12		
5	64QAM	1	24	19.14	19.05	19.25	19.00	19.11		
5	64QAM	12	0	17.93	18.33	17.90	18.31	18.20	19.5	3
5	64QAM	12	7	18.03	18.20	18.00	18.18	18.13		
5	64QAM	12	13	18.18	18.09	18.21	18.11	18.02		
5	64QAM	25	0	18.09	18.35	18.06	18.31	18.42		
5	256QAM	1	0	16.01	16.23	15.92	16.22	16.21	17.5	5
5	256QAM	1	12	16.09	16.02	16.12	16.04	16.19		
5	256QAM	1	24	16.17	16.04	16.11	16.14	16.28		
5	256QAM	12	0	16.27	16.32	16.25	16.35	16.29	17.5	5
5	256QAM	12	7	15.91	16.18	15.97	16.14	16.21		
5	256QAM	12	13	16.05	16.10	16.04	16.15	16.07		
5	256QAM	25	0	16.07	16.14	15.98	16.17	16.05		

GSM850 Ant1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.55	31.49	31.34	32.50	22.55	22.49	22.34	23.50
GPRS 1 Tx slot	31.51	31.47	31.32	32.50	22.51	22.47	22.32	23.50
GPRS 2 Tx slots	30.73	30.69	30.55	31.50	24.73	24.69	24.55	25.50
GPRS 3 Tx slots	28.94	28.96	28.83	30.00	24.68	24.70	24.57	25.74
GPRS 4 Tx slots	27.80	27.81	27.74	29.00	24.80	24.81	24.74	26.00
EDGE 1 Tx slot	25.96	26.05	26.12	27.00	16.96	17.05	17.12	18.00
EDGE 2 Tx slots	24.86	24.87	24.96	26.00	18.86	18.87	18.96	20.00
EDGE 3 Tx slots	22.63	22.66	22.75	23.50	18.37	18.40	18.49	19.24
EDGE 4 Tx slots	21.35	21.45	21.49	22.50	18.35	18.45	18.49	19.50

GSM1900 Ant1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.00	26.95	27.11	28.00	18.00	17.95	18.11	19.00
GPRS 1 Tx slot	26.95	26.93	27.05	28.00	17.95	17.93	18.05	19.00
GPRS 2 Tx slots	26.20	26.17	26.30	27.50	20.20	20.17	20.30	21.50
GPRS 3 Tx slots	24.45	24.44	24.58	25.50	20.19	20.18	20.32	21.24
GPRS 4 Tx slots	23.42	23.46	23.43	24.50	20.42	20.46	20.43	21.50
EDGE 1 Tx slot	23.41	23.56	23.45	24.50	14.41	14.56	14.45	15.50
EDGE 2 Tx slots	22.35	22.48	22.33	23.50	16.35	16.48	16.33	17.50
EDGE 3 Tx slots	20.16	20.35	20.21	21.50	15.90	16.09	15.95	17.24
EDGE 4 Tx slots	19.24	19.19	19.02	20.00	16.24	16.19	16.02	17.00

Band		WCDMA II Ant1			Tune-up Limit (dBm)	WCDMA IV Ant1			Tune-up Limit (dBm)	WCDMA V Ant1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.20	20.21	20.13	21.40	20.69	20.68	20.55	21.90	22.50	22.44	22.29	24.00
3GPP Rel 99	RMC 12.2Kbps	20.30	20.32	20.24	21.40	20.67	20.75	20.74	21.90	22.54	22.58	22.55	24.00
3GPP Rel 6	HSDPA Subtest-1	19.34	19.26	19.23	20.40	19.68	19.78	19.64	20.90	21.51	21.49	21.40	23.00
3GPP Rel 6	HSDPA Subtest-2	19.33	19.23	19.27	20.40	19.71	19.80	19.69	20.90	21.50	21.52	21.47	23.00
3GPP Rel 6	HSDPA Subtest-3	18.77	18.85	18.65	19.90	19.25	19.34	19.10	20.40	20.97	21.04	20.90	22.50
3GPP Rel 6	HSDPA Subtest-4	18.89	18.82	18.70	19.90	19.32	19.26	19.07	20.40	21.07	21.08	20.82	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.28	19.31	19.11	20.40	19.72	19.84	19.58	20.90	21.53	21.53	21.39	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.30	19.25	19.17	20.40	19.74	19.70	19.58	20.90	21.59	21.49	21.43	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.79	18.78	18.74	19.90	19.20	19.25	19.14	20.40	21.00	21.04	21.01	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.90	18.90	18.79	19.90	19.23	19.30	19.21	20.40	21.06	21.03	20.94	22.50
3GPP Rel 6	HSUPA Subtest-1	19.34	19.14	19.15	20.40	19.70	19.72	19.67	20.90	21.55	21.44	21.42	23.00
3GPP Rel 6	HSUPA Subtest-2	17.37	17.25	17.18	18.40	17.74	17.64	17.61	18.90	19.57	19.45	19.30	21.00
3GPP Rel 6	HSUPA Subtest-3	18.38	18.28	18.26	19.40	18.78	18.77	18.73	19.90	20.63	20.55	20.49	22.00
3GPP Rel 6	HSUPA Subtest-4	17.42	17.32	17.29	18.40	17.80	17.68	17.69	18.90	19.55	19.46	19.47	21.00
3GPP Rel 6	HSUPA Subtest-5	19.38	19.32	19.32	20.40	19.65	19.70	19.68	20.90	21.49	21.55	21.47	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.00	16.93	16.91	17.90	17.35	17.39	17.41	18.40	19.10	19.23	19.19	20.50

Band 2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.51	20.55	20.50		
20	QPSK	1	49	20.40	20.52	20.49	21.5	0
20	QPSK	1	99	20.51	20.53	20.46		
20	QPSK	50	0	19.36	19.46	19.41		
20	QPSK	50	24	19.37	19.43	19.31	20.5	1
20	QPSK	50	50	19.39	19.42	19.37		
20	QPSK	100	0	19.33	19.41	19.38		
20	16QAM	1	0	19.72	19.86	19.82		
20	16QAM	1	49	19.75	19.85	19.82	20.5	1
20	16QAM	1	99	19.83	19.86	19.74		
20	16QAM	50	0	18.38	18.44	18.36		
20	16QAM	50	24	18.31	18.43	18.33	19.5	2
20	16QAM	50	50	18.30	18.42	18.37		
20	16QAM	100	0	18.38	18.42	18.31		
20	64QAM	1	0	18.53	18.66	18.59		
20	64QAM	1	49	18.52	18.62	18.54	19.5	2
20	64QAM	1	99	18.54	18.65	18.62		
20	64QAM	50	0	17.43	17.47	17.35		
20	64QAM	50	24	17.41	17.46	17.42	18.5	3
20	64QAM	50	50	17.37	17.45	17.36		
20	64QAM	100	0	17.32	17.36	17.34		
20	256QAM	1	0	15.43	15.56	15.45		
20	256QAM	1	49	15.41	15.54	15.49	16.5	5
20	256QAM	1	99	15.48	15.51	15.42		
20	256QAM	50	0	15.31	15.39	15.27		
20	256QAM	50	24	15.26	15.36	15.23	16.5	5
20	256QAM	50	50	15.26	15.37	15.24		
20	256QAM	100	0	15.26	15.38	15.24		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.48	20.49	20.40		
15	QPSK	1	37	20.33	20.41	20.36	21.5	0
15	QPSK	1	74	20.44	20.45	20.34		
15	QPSK	36	0	19.30	19.37	19.35		
15	QPSK	36	20	19.24	19.34	19.19	20.5	1
15	QPSK	36	39	19.31	19.28	19.33		
15	QPSK	75	0	19.27	19.29	19.34		
15	16QAM	1	0	19.66	19.76	19.77		
15	16QAM	1	37	19.65	19.80	19.72	20.5	1
15	16QAM	1	74	19.79	19.80	19.67		
15	16QAM	36	0	18.30	18.35	18.24		
15	16QAM	36	20	18.17	18.34	18.20	19.5	2
15	16QAM	36	39	18.19	18.35	18.29		
15	16QAM	75	0	18.26	18.30	18.18		
15	64QAM	1	0	18.39	18.55	18.50		
15	64QAM	1	37	18.45	18.53	18.44	19.5	2
15	64QAM	1	74	18.44	18.61	18.57		
15	64QAM	36	0	17.30	17.37	17.23		
15	64QAM	36	20	17.37	17.33	17.29	18.5	3
15	64QAM	36	39	17.31	17.35	17.32		
15	64QAM	75	0	17.27	17.27	17.24		
15	256QAM	1	0	15.39	15.44	15.38		
15	256QAM	1	37	15.32	15.49	15.42	16.5	5
15	256QAM	1	74	15.43	15.39	15.33		
15	256QAM	36	0	15.25	15.26	15.15		
15	256QAM	36	20	15.20	15.30	15.16	16.5	5
15	256QAM	36	39	15.22	15.33	15.15		
15	256QAM	75	0	15.13	15.30	15.14		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.49	20.49	20.43		
10	QPSK	1	25	20.29	20.47	20.44	21.5	0
10	QPSK	1	49	20.44	20.49	20.35		
10	QPSK	25	0	19.23	19.39	19.33		
10	QPSK	25	12	19.31	19.39	19.21	20.5	1
10	QPSK	25	25	19.37	19.35	19.30		
10	QPSK	50	0	19.24	19.37	19.30		
10	16QAM	1	0	19.62	19.76	19.71		
10	16QAM	1	25	19.68	19.82	19.73	20.5	1
10	16QAM	1	49	19.77	19.73	19.63		
10	16QAM	25	0	18.26	18.30	18.31		
10	16QAM	25	12	18.18	18.29	18.24	19.5	2
10	16QAM	25	25	18.23	18.28	18.31		
10	16QAM	50	0	18.24	18.40	18.20		
10	16QAM	50	25	18.51	18.54	18.55		
10	64QAM	1	25	18.46	18.55	18.51	19.5	2
10	64QAM	1	49	18.46	18.51	18.54		
10	64QAM	25	0	17.38	17.43	17.29		
10	64QAM	25	12	17.30	17.33	17.38	18.5	3
10	64QAM	25	25	17.26	17.36	17.29		
10	64QAM	50	0	17.29	17.26	17.27		
10	256QAM	1	0	15.32	15.44	15.39		
10	256QAM	1	25	15.38	15.44	15.45	16.5	5
10	256QAM	1	49	15.41	15.48	15.29		
10	256QAM	25	0	15.18	15.37	15.15		
10	256QAM	25	12	15.22	15.33	15.20	16.5	5
10	256QAM	25	25	15.20	15.25	15.15		
10	256QAM	50	0	15.13	15.32	15.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.40	20.49	20.42		
5	QPSK	1	12	20.35	20.41	20.36	21.5	0
5	QPSK	1	24	20.37	20.51	20.34		
5	QPSK	12	0	19.26	19.37	19.32		
5	QPSK	12	7	19.32	19.39	19.29	20.5	1
5	QPSK	12	13	19.33	19.31	19.26		
5	QPSK	25	0	19.25	19.32	19.33		
5	16QAM	1	0	19.67	19.76	19.76		
5	16QAM	1	12	19.63	19.82	19.71	20.5	1
5	16QAM	1	24	19.75	19.83	19.70		
5	16QAM	12	0	18.33	18.37	18.29		
5	16QAM	12	7	18.27	18.31	18.19	19.5	2
5	16QAM	12	13	18.19	18.33	18.24		
5	16QAM	25	0	18.29	18.30	18.27		
5	64QAM	1	0	18.49	18.60	18.53		
5	64QAM	1	12	18.47	18.55	18.47	19.5	2
5	64QAM	1	24	18.49	18.52	18.50		
5	64QAM	12	0	17.29	17.45	17.30		
5	64QAM	12	7	17.29	17.38	17.33	18.5	3
5	64QAM	12	13	17.28	17.36	17.27		
5	64QAM	25	0	17.21	17.33	17.29		
5	256QAM	1	0	15.31	15.45	15.34		
5	256QAM	1	12	15.34	15.49	15.44	16.5	5
5	256QAM	1	24	15.34	15.47	15.36		
5	256QAM	12	0	15.22	15.36	15.22		
5	256QAM	12	7	15.14	15.23	15.09	16.5	5
5	256QAM	12	13	15.12	15.31	15.11		
5	256QAM	25	0	15.17	15.31	15.11		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.43	20.52	20.41		
3	QPSK	1	8	20.38	20.43	20.38	21.5	0
3	QPSK	1	14	20.39	20.44	20.43		
3	QPSK	8	0	19.23	19.42	19.36		
3	QPSK	8	4	19.34	19.30	19.23	20.5	1
3	QPSK	8	7	19.28	19.38	19.26		
3	QPSK	15	0	19.23	19.35	19.30		
3	16QAM	1	0	19.67	19.80	19.77		
3	16QAM	1	8	19.72	19.77	19.76	20.5	1
3	16QAM	1	14	19.81	19.83	19.62		
3	16QAM	8	0	18.25	18.31	18.34		
3	16QAM	8	4	18.24	18.38	18.28	19.5	2
3	16QAM	8	7	18.26	18.38	18.33		
3	16QAM	15	0	18.27	18.33	18.20		
3	64QAM	1	0	18.46	18.59	18.57		
3	64QAM	1	8	18.44	18.56	18.48	19.5	2
3	64QAM	1	14	18.47	18.58	18.58		
3	64QAM	8	0	17.34	17.42	17.26		
3	64QAM	8	4	17.31	17.40	17.35	18.5	3
3	64QAM	8	7	17.23	17.33	17.30		
3	64QAM	15	0	17.18	17.28	17.20		
3	256QAM	1	0	15.30	15.49	15.36		
3	256QAM	1	8	15.33	15.41	15.38	16.5	5
3	256QAM	1	14	15.44	15.38	15.40		
3	256QAM	8	0	15.26	15.32	15.14		
3	256QAM	8	4	15.18	15.24	15.12	16.5	5
3	256QAM	8	7	15.14	15.31	15.17		
3	256QAM	15	0	15.18	15.28	15.16		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.47	20.44	20.41		
1.4	QPSK	1	3	20.32	20.47	20.42		
1.4	QPSK	1	5	20.41	20.46	20.42	21.5	0
1.4	QPSK	3	0	20.44	20.52	20.36		
1.4	QPSK	3	1	20.26	20.46	20.43		
1.4	QPSK	3	3	20.43	20.44	20.43		
1.4	QPSK	6	0	19.26	19.43	19.27	20.5	1
1.4	16QAM	1	0	19.29	19.34	19.18		
1.4	16QAM	1	3	19.32	19.37	19.33		
1.4	16QAM	1	5	19.31	19.37	19.28	20.5	1
1.4	16QAM	3	0	19.58	19.75	19.79		
1.4	16QAM	3	1	19.64	19.73	19.71		
1.4	16QAM	3	3	19.80	19.78	19.63		
1.4	16QAM	6	0	18.25	18.38	18.24	19.5	2
1.4	64QAM	1	0	18.23	18.33	18.28		
1.4	64QAM	1	3	18.25	18.30	18.28		
1.4	64QAM	1	5	18.25	18.32	18.26	19.5	2
1.4	64QAM	3	0	18.36	18.37	18.33		
1.4	64QAM	3	1	18.28	18.40	18.21		
1.4	64QAM	3	3	18.25	18.36	18.26		
1.4	64QAM	6	0	17.34	17.41	17.37	18.5	3
1.4	256QAM	1	0	15.32	15.48	15.31		
1.4	256QAM	1	3	15.34	15.44	15.42		
1.4	256QAM	1	5	15.43	15.41	15.31	16.5	5
1.4	256QAM	3	0	15.23	15.29	15.24		
1.4	256QAM	3	1	15.21	15.24	15.18		
1.4	256QAM	3	3	15.13	15.24	15.15		
1.4	256QAM	6	0	15.17	15.26	15.11	16.5	5

Band 4 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.37	20.46	20.39		
20	QPSK	1	49	20.34	20.40	20.41	21.5	0
20	QPSK	1	99	20.39	20.43	20.36		
20	QPSK	50	0	19.28	19.42	19.36		
20	QPSK	50	24	19.25	19.35	19.19	20.5	1
20	QPSK	50	50	19.29	19.28	19.30		
20	QPSK	100	0	19.31	19.39	19.27		
20	16QAM	1	0	19.66	19.79	19.77		
20	16QAM	1	49	19.68	19.75	19.67	20.5	1
20	16QAM	1	99	19.73	19.81	19.68		
20	16QAM	50	0	18.25	18.34	18.21		
20	16QAM	50	24	18.20	18.33	18.28	19.5	2
20	16QAM	50	50	18.23	18.28	18.26		
20	16QAM	100	0	18.30	18.36	18.26		
20	64QAM	1	0	18.42	18.51	18.46		
20	64QAM	1	49	18.37	18.55	18.49	19.5	2
20	64QAM	1	99	18.41	18.53	18.46		
20	64QAM	50	0	17.34	17.33	17.22		
20	64QAM	50	24	17.31	17.30	17.35	18.5	3
20	64QAM	50	50	17.22	17.31	17.24		
20	64QAM	100	0	17.24	17.24	17.24		
20	256QAM	1	0	15.33	15.50	15.31		
20	256QAM	1	49	15.35	15.44	15.45	16.5	5
20	256QAM	1	99	15.34	15.44	15.31		
20	256QAM	50	0	15.26	15.31	15.21		
20	256QAM	50	24	15.13	15.30	15.09	16.5	5
20	256QAM	50	50	15.15	15.31	15.19		
20	256QAM	100	0	15.11	15.23	15.15		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.42	20.42	20.38		
15	QPSK	1	37	20.31	20.45	20.42	21.5	0
15	QPSK	1	74	20.45	20.42	20.37		
15	QPSK	36	0	19.21	19.41	19.28		
15	QPSK	36	20	19.25	19.31	19.24	20.5	1
15	QPSK	36	39	19.31	19.30	19.32		
15	QPSK	75	0	19.21	19.29	19.26		
15	16QAM	1	0	19.67	19.76	19.78		
15	16QAM	1	37	19.66	19.77	19.67	20.5	1
15	16QAM	1	74	19.75	19.79	19.70		
15	16QAM	36	0	18.31	18.36	18.30		
15	16QAM	36	20	18.20	18.32	18.29	19.5	2
15	16QAM	36	39	18.17	18.27	18.31		
15	16QAM	75	0	18.30	18.31	18.16		
15	64QAM	1	0	18.45	18.60	18.48		
15	64QAM	1	37	18.43	18.55	18.49	19.5	2
15	64QAM	1	74	18.48	18.59	18.55		
15	64QAM	36	0	17.35	17.32	17.24		
15	64QAM	36	20	17.28	17.41	17.26	18.5	3
15	64QAM	36	39	17.23	17.31	17.24		
15	64QAM	75	0	17.16	17.24	17.28		
15	256QAM	1	0	15.28	15.46	15.33		
15	256QAM	1	37	15.25	15.41	15.45	16.5	5
15	256QAM	1	74	15.43	15.36	15.36		
15	256QAM	36	0	15.22	15.30	15.19		
15	256QAM	36	20	15.17	15.29	15.12	16.5	5
15	256QAM	36	39	15.14	15.30	15.14		
15	256QAM	75	0	15.21	15.30	15.19		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.43	20.41	20.44		
10	QPSK	1	25	20.26	20.42	20.40	21.5	0
10	QPSK	1	49	20.39	20.40	20.38		
10	QPSK	25	0	19.25	19.33	19.25		
10	QPSK	25	12	19.27	19.28	19.22	20.5	1
10	QPSK	25	25	19.26	19.30	19.22		
10	QPSK	50	0	19.20	19.26	19.26		
10	16QAM	1	0	19.57	19.82	19.75		
10	16QAM	1	25	19.70	19.70	19.69	20.5	1
10	16QAM	1	49	19.71	19.77	19.61		
10	16QAM	25	0	18.34	18.32	18.22		
10	16QAM	25	12	18.16	18.33	18.21	19.5	2
10	16QAM	25	25	18.25	18.34	18.27		
10	16QAM	50	0	18.31	18.28	18.27		
10	64QAM	1	0	18.40	18.57	18.52		
10	64QAM	1	25	18.42	18.52	18.42	19.5	2
10	64QAM	1	49	18.46	18.49	18.52		
10	64QAM	25	0	17.27	17.31	17.20		
10	64QAM	25	12	17.34	17.39	17.37	18.5	3
10	64QAM	25	25	17.27	17.34	17.27		
10	64QAM	50	0	17.23	17.31	17.28		
10	256QAM	1	0	15.38	15.45	15.31		
10	256QAM	1	25	15.26	15.49	15.45	16.5	5
10	256QAM	1	49	15.38	15.41	15.29		
10	256QAM	25	0	15.19	15.25	15.11		
10	256QAM	25	12	15.13	15.31	15.18	16.5	5
10	256QAM	25	25	15.20	15.32	15.10		
10	256QAM	50	0	15.17	15.31	15.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.42	20.41	20.37		
5	QPSK	1	12	20.26	20.38	20.38	21.5	0
5	QPSK	1	24	20.41	20.43	20.40		
5	QPSK	12	0	19.27	19.39	19.30		
5	QPSK	12	7	19.31	19.33	19.18	20.5	1
5	QPSK	12	13	19.32	19.34	19.32		
5	QPSK	25	0	19.28	19.36	19.29		
5	16QAM	1	0	19.56	19.78	19.69		
5	16QAM	1	12	19.61	19.77	19.67	20.5	1
5	16QAM	1	24	19.75	19.73	19.63		
5	16QAM	12	0	18.27	18.33	18.22		
5	16QAM	12	7	18.23	18.35	18.24	19.5	2
5	16QAM	12	13	18.21	18.27	18.33		
5	16QAM	25	0	18.27	18.29	18.19		
5	64QAM	1	0	18.47	18.54	18.47		
5	64QAM	1	12	18.39	18.46	18.46	19.5	2
5	64QAM	1	24	18.50	18.51	18.57		
5	64QAM	12	0	17.27	17.32	17.28		
5	64QAM	12	7	17.32	17.38	17.33	18.5	3
5	64QAM	12	13	17.24	17.40	17.24		
5	64QAM	25	0	17.18	17.21	17.21		
5	256QAM	1	0	15.27	15.52	15.37		
5	256QAM	1	12	15.27	15.42	15.42	16.5	5
5	256QAM	1	24	15.43	15.42	15.31		
5	256QAM	12	0	15.20	15.26	15.19		
5	256QAM	12	7	15.10	15.29	15.18	16.5	5
5	256QAM	12	13	15.15	15.23	15.10		
5	256QAM	25	0	15.21	15.23	15.10		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.41	20.41	20.41		
3	QPSK	1	8	20.32	20.38	20.37	21.5	0
3	QPSK	1	14	20.38	20.42	20.42		
3	QPSK	8	0	19.27	19.31	19.32		
3	QPSK	8	4	19.30	19.34	19.16	20.5	1
3	QPSK	8	7	19.33	19.36	19.31		
3	QPSK	15	0	19.27	19.34	19.34		
3	16QAM	1	0	19.67	19.70	19.67		
3	16QAM	1	8	19.59	19.71	19.77	20.5	1
3	16QAM	1	14	19.68	19.75	19.63		
3	16QAM	8	0	18.26	18.38	18.21		
3	16QAM	8	4	18.23	18.33	18.27	19.5	2
3	16QAM	8	7	18.22	18.32	18.23		
3	16QAM	15	0	18.28	18.38	18.24		
3	64QAM	1	0	18.38	18.62	18.46		
3	64QAM	1	8	18.43	18.49	18.49	19.5	2
3	64QAM	1	14	18.40	18.59	18.53		
3	64QAM	8	0	17.27	17.41	17.23		
3	64QAM	8	4	17.32	17.38	17.26	18.5	3
3	64QAM	8	7	17.33	17.30	17.21		
3	64QAM	15	0	17.22	17.21	17.23		
3	256QAM	1	0	15.37	15.47	15.31		
3	256QAM	1	8	15.35	15.45	15.35	16.5	5
3	256QAM	1	14	15.39	15.36	15.26		
3	256QAM	8	0	15.16	15.28	15.17		
3	256QAM	8	4	15.20	15.30	15.18	16.5	5
3	256QAM	8	7	15.11	15.27	15.19		
3	256QAM	15	0	15.21	15.33	15.14		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.33	20.29	20.31		
1.4	QPSK	1	3	20.17	20.35	20.37		
1.4	QPSK	1	5	20.26	20.32	20.29	21.5	0
1.4	QPSK	3	0	20.31	20.41	20.21		
1.4	QPSK	3	1	20.12	20.35	20.36		
1.4	QPSK	3	3	20.35	20.38	20.37		
1.4	QPSK	6	0	19.15	19.32	19.16	20.5	1
1.4	16QAM	1	0	19.23	19.27	19.11		
1.4	16QAM	1	3	19.20	19.28	19.21		
1.4	16QAM	1	5	19.22	19.32	19.16	20.5	1
1.4	16QAM	3	0	19.42	19.70	19.68		
1.4	16QAM	3	1	19.60	19.67	19.65		
1.4	16QAM	3	3	19.71	19.64	19.56		
1.4	16QAM	6	0	18.16	18.22	18.18	19.5	2
1.4	64QAM	1	0	18.17	18.28	18.17		
1.4	64QAM	1	3	18.18	18.19	18.20		
1.4	64QAM	1	5	18.18	18.24	18.13	19.5	2
1.4	64QAM	3	0	18.26	18.32	18.22		
1.4	64QAM	3	1	18.13	18.28	18.15		
1.4	64QAM	3	3	18.16	18.26	18.19		
1.4	64QAM	6	0	17.29	17.31	17.32	18.5	3
1.4	256QAM	1	0	15.18	15.36	15.16		
1.4	256QAM	1	3	15.20	15.37	15.31		
1.4	256QAM	1	5	15.30	15.30	15.16	16.5	5
1.4	256QAM	3	0	15.14	15.20	15.19		
1.4	256QAM	3	1	15.05	15.16	15.11		
1.4	256QAM	3	3	15.05	15.17	15.07		
1.4	256QAM	6	0	15.02	15.10	15.02	16.5	5

Band 5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.45	22.49	22.40		
10	QPSK	1	25	22.33	22.35	22.41	24	0
10	QPSK	1	49	22.39	22.47	22.31		
10	QPSK	25	0	21.37	21.47	21.39		
10	QPSK	25	12	21.22	21.35	21.22	23	1
10	QPSK	25	25	21.24	21.32	21.28		
10	QPSK	50	0	21.33	21.45	21.31		
10	16QAM	1	0	21.63	21.82	21.79		
10	16QAM	1	25	21.73	21.78	21.64	23

Band 7 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.20	20.28	20.25	21.5	0
20	QPSK	1	49	20.24	20.22	20.22		
20	QPSK	1	99	20.19	20.26	20.24		
20	QPSK	50	0	20.20	20.26	20.14	21.5	0
20	QPSK	50	24	20.17	20.21	20.25		
20	QPSK	50	50	20.21	20.18	20.23		
20	QPSK	100	0	20.22	20.23	20.21		
20	16QAM	1	0	20.15	20.21	20.23	21.5	0
20	16QAM	1	49	20.22	20.23	20.15		
20	16QAM	1	99	20.19	20.17	20.18		
20	16QAM	50	0	19.52	19.59	19.51	21	0.5
20	16QAM	50	24	19.44	19.60	19.46		
20	16QAM	50	50	19.51	19.59	19.59		
20	16QAM	100	0	19.48	19.65	19.50		
20	64QAM	1	0	19.72	19.79	19.72	21	0.5
20	64QAM	1	49	19.76	19.74	19.68		
20	64QAM	1	99	19.66	19.88	19.86		
20	64QAM	50	0	18.65	18.59	18.51	20	1.5
20	64QAM	50	24	18.53	18.61	18.59		
20	64QAM	50	50	18.48	18.61	18.55		
20	64QAM	100	0	18.38	18.46	18.47		
20	256QAM	1	0	16.58	16.66	16.68	18	3.5
20	256QAM	1	49	16.53	16.65	16.75		
20	256QAM	1	99	16.65	16.69	16.68		
20	256QAM	50	0	16.45	16.44	16.52	18	3.5
20	256QAM	50	24	16.34	16.56	16.38		
20	256QAM	50	50	16.35	16.49	16.47		
20	256QAM	100	0	16.39	16.62	16.36		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.21	20.20	20.18	21.5	0
15	QPSK	1	37	20.20	20.23	20.10		
15	QPSK	1	74	20.16	20.21	20.19		
15	QPSK	36	0	20.16	20.22	20.17	21.5	0
15	QPSK	36	20	20.10	20.15	20.15		
15	QPSK	36	39	20.13	20.14	20.17		
15	QPSK	75	0	20.17	20.16	20.18		
15	16QAM	1	0	20.18	20.12	20.09	21.5	0
15	16QAM	1	37	20.19	20.15	20.13		
15	16QAM	1	74	20.10	20.22	20.14		
15	16QAM	36	0	19.54	19.65	19.46	21	0.5
15	16QAM	36	20	19.43	19.58	19.45		
15	16QAM	36	39	19.46	19.63	19.51		
15	16QAM	75	0	19.52	19.55	19.50		
15	64QAM	1	0	19.68	19.78	19.75	21	0.5
15	64QAM	1	37	19.72	19.71	19.75		
15	64QAM	1	74	19.63	19.81	19.75		
15	64QAM	36	0	18.62	18.55	18.54	20	1.5
15	64QAM	36	20	18.54	18.60	18.63		
15	64QAM	36	39	18.52	18.59	18.55		
15	64QAM	75	0	18.43	18.46	18.44		
15	256QAM	1	0	16.61	16.78	16.66	18	3.5
15	256QAM	1	37	16.49	16.73	16.67		
15	256QAM	1	74	16.61	16.74	16.67		
15	256QAM	36	0	16.52	16.48	16.45	18	3.5
15	256QAM	36	20	16.35	16.55	16.39		
15	256QAM	36	39	16.33	16.57	16.47		
15	256QAM	75	0	16.46	16.54	16.40		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.09	20.17	20.19	21.5	0
10	QPSK	1	25	20.13	20.21	20.10		
10	QPSK	1	49	20.16	20.21	20.15		
10	QPSK	25	0	20.12	20.15	20.20	21.5	0
10	QPSK	25	12	20.10	20.21	20.09		
10	QPSK	25	25	20.13	20.17	20.19		
10	QPSK	50	0	20.17	20.12	20.10		
10	16QAM	1	0	20.17	20.13	20.09	21.5	0
10	16QAM	1	25	20.20	20.22	20.17		
10	16QAM	1	49	20.17	20.13	20.12		
10	16QAM	25	0	19.54	19.65	19.52	21	0.5
10	16QAM	25	12	19.49	19.61	19.47		
10	16QAM	25	25	19.48	19.60	19.58		
10	16QAM	50	0	19.52	19.60	19.46		
10	64QAM	1	0	19.74	19.80	19.68	21	0.5
10	64QAM	1	25	19.74	19.74	19.68		
10	64QAM	1	49	19.68	19.87	19.86		
10	64QAM	25	0	18.67	18.61	18.58	20	1.5
10	64QAM	25	12	18.52	18.60	18.69		
10	64QAM	25	25	18.56	18.60	18.47		
10	64QAM	50	0	18.36	18.51	18.44		
10	256QAM	1	0	16.51	16.68	16.61	18	3.5
10	256QAM	1	25	16.58	16.71	16.68		
10	256QAM	1	49	16.62	16.73	16.62		
10	256QAM	25	0	16.49	16.45	16.46	18	3.5
10	256QAM	25	12	16.36	16.54	16.31		
10	256QAM	25	25	16.32	16.50	16.39		
10	256QAM	50	0	16.35	16.63	16.32		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.14	20.13	20.10	21.5	0
5	QPSK	1	12	20.17	20.18	20.18		
5	QPSK	1	24	20.20	20.23	20.11		
5	QPSK	12	0	20.12	20.11	20.13	21.5	0
5	QPSK	12	7	20.12	20.13	20.17		
5	QPSK	12	13	20.14	20.14	20.20		
5	QPSK	25	0	20.16	20.15	20.13		
5	16QAM	1	0	20.12	20.20	20.20	21.5	0
5	16QAM	1	12	20.16	20.15	20.15		
5	16QAM	1	24	20.15	20.22	20.15		
5	16QAM	12	0	19.55	19.66	19.49	21	0.5
5	16QAM	12	7	19.45	19.61	19.40		
5	16QAM	12	13	19.47	19.63	19.49		
5	16QAM	25	0	19.51	19.62	19.42		
5	64QAM	1	0	19.77	19.78	19.73	21	0.5
5	64QAM	1	12	19.75	19.66	19.72		
5	64QAM	1	24	19.67	19.78	19.74		
5	64QAM	12	0	18.61	18.52	18.52	20	1.5
5	64QAM	12	7	18.61	18.62	18.67		
5	64QAM	12	13	18.49	18.63	18.48		
5	64QAM	25	0	18.36	18.51	18.41		
5	256QAM	1	0	16.61	16.78	16.65	18	3.5
5	256QAM	1	12	16.55	16.65	16.74		
5	256QAM	1	24	16.60	16.72	16.61		
5	256QAM	12	0	16.57	16.53	16.46	18	3.5
5	256QAM	12	7	16.40	16.56	16.42		
5	256QAM	12	13	16.32	16.52	16.46		
5	256QAM	25	0	16.40	16.65	16.34		

Band 12 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.83	21.96	21.87	23	0
10	QPSK	1	25	21.74	21.73	21.89		
10	QPSK	1	49	21.90	21.84	21.67		
10	QPSK	25	0	20.86	20.91	20.89	22	1
10	QPSK	25	12	20.68	20.83	20.52		
10	QPSK	25	25	20.72	20.68	20.57		
10	QPSK	50	0	20.85	20.89	20.83		
10	16QAM	1	0	21.14	21.20	21.18	22	1
10	16QAM	1	25	21.10	21.22	20.99		
10	16QAM	1	49	21.13	21.25	21.13		
10	16QAM	25	0	19.65	19.79	19.54	21	2
10	16QAM	25	12	19.65	19.74	19.61		
10	16QAM	25	25	19.72	19.69	19.76		
10	16QAM	50	0	19.69	19.69	19.64		
10	64QAM	1	0	19.85	19.85	19.95	21	2
10	64QAM	1	25	19.80	19.87	19.91		
10	64QAM	1	49	19.88	19.98	19.81		
10	64QAM	25	0	18.85	18.81	18.62	20	3
10	64QAM	25	12	18.61	18.70	18.76		
10	64QAM	25	25	18.70	18.78	18.66		
10	64QAM	50	0	18.65	18.71	18.67		
10	256QAM	1	0	16.84	16.91	16.89	18	5
10	256QAM	1	25	16.87	16.99	16.83		
10	256QAM	1	49	16.80	16.92	16.78		
10	256QAM	25	0	16.83	16.93	16.83	18	5
10	256QAM	25	12	16.87	16.89	16.83		
10	256QAM	25	25	16.87	16.95	16.78		
10	256QAM	50	0	16.81	16.94	16.78		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.86	21.86	21.81	23	0
5	QPSK	1	12	21.73	21.74	21.80		
5	QPSK	1	24	21.80	21.82	21.63		
5	QPSK	12	0	20.81	20.83	20.71	22	1
5	QPSK	12	7	20.66	20.69	20.47		
5	QPSK	12	13	20.71	20.63	20.56		
5	QPSK	25	0	20.76	20.84	20.73		
5	16QAM	1	0	21.06	21.26	21.18	22	1
5	16QAM	1	12	21.11	21.20	20.93		
5	16QAM	1	24	21.10	21.22	21.11		
5	16QAM	12	0	19.59	19.79	19.60	21	2
5	16QAM	12	7	19.60	19.67	19.64		
5	16QAM	12	13	19.71	19.60	19.69		
5	16QAM	25	0	19.61	19.69	19.59		
5	64QAM	1	0	19.85	19.88	19.93	21	2
5	64QAM	1	12	19.87	19.94	19.86		
5	64QAM	1	24	19.77	19.95	19.71		
5	64QAM	12	0	18.84	18.69	18.55	20	3
5	64QAM	12	7	18.59	18.65	18.70		
5	64QAM	12	13	18.64	18.76	18.60		
5	64QAM	25	0	18.59	18.71	18.66		
5	256QAM	1	0	16.83	16.93	16.81	18	5
5	256QAM	1	12	16.82	16.97	16.78		
5	256QAM	1	24	16.81	16.92	16.84		
5	256QAM	12	0	16.83	16.93	16.82	18	5
5	256QAM	12	7	16.80	16.87	16.83		
5	256QAM	12	13	16.81	16.85	16.81		
5	256QAM	25	0	16.84	16.94	16.79		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.87	21.93	21.84	23	0
3	QPSK	1	8	21.71	21.66	21.79		
3	QPSK	1	14	21.86	21.85	21.64		
3	QPSK	8	0	20.82	20.87	20.79	22	1
3	QPSK	8	4	20.61	20.79	20.51		
3	QPSK	8	7	20.70	20.63	20.57		
3	QPSK	15	0	20.69	20.86	20.75		
3	16QAM	1	0	21.02	21.24	21.16	22	1
3	16QAM	1	8	21.12	21.23	20.99		
3	16QAM	1	14	21.13	21.18	21.04		
3	16QAM	8	0	19.57	19.74	19.51	21	2
3	16QAM	8	4	19.58	19.72	19.67		
3	16QAM	8	7	19.63	19.69	19.74		
3	16QAM	15	0	19.64	19.73	19.68		
3	64QAM	1	0	19.87	19.81	19.94	21	2
3	64QAM	1	8	19.82	19.92	19.96		
3	64QAM	1	14	19.84	20.02	19.78		
3	64QAM	8	0	18.75	18.70	18.52	20	3
3	64QAM	8	4	18.58	18.65	18.67		
3	64QAM	8	7	18.67	18.74	18.62		
3	64QAM	15	0	18.56	18.67	18.72		
3	256QAM	1	0	16.85	16.95	16.75	18	5
3	256QAM	1	8	16.85	16.88	16.77		
3	256QAM	1	14	16.86	16.87	16.84		
3	256QAM	8	0	16.77	16.96	16.78	18	5
3	256QAM	8	4	16.82	16.90	16.79		
3	256QAM	8	7	16.83	16.94	16.82		
3	256QAM	15	0	16.84	16.94	16.78		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.78	21.91	21.86	23	0
1.4	QPSK	1	3	21.63	21.68	21.83		
1.4	QPSK	1	5	21.85	21.77	21.63		
1.4	QPSK	3	0	21.79	21.84	21.84		
1.4	QPSK	3	1	21.70	21.70	21.79		
1.4	QPSK	3	3	21.86	21.84	21.65		
1.4	QPSK	6	0	20.84	20.88	20.79	22	1
1.4	16QAM	1	0	20.62	20.69	20.50	22	1
1.4	16QAM	1	3	20.61	20.59	20.55		
1.4	16QAM	1	5	20.80	20.76	20.77		
1.4	16QAM	3	0	20.80	20.90	20.75		
1.4	16QAM	3	1	20.69	20.71	20.58		
1.4	16QAM	3	3	20.68	20.64	20.60		
1.4	16QAM	6	0	19.62	19.83	19.52	21	2
1.4	64QAM	1	0	19.90	19.72	19.62	21	2
1.4	64QAM	1	3	19.69	19.71	19.66		
1.4	64QAM	1	5	19.65	19.84	19.56		
1.4	64QAM	3	0	19.61	19.67	19.58		
1.4	64QAM	3	1	19.70	19.63	19.64		
1.4	64QAM	3	3	19.62	19.71	19.62		
1.4	64QAM	6	0	18.77	18.78	18.57	20	3
1.4	256QAM	1	0	16.84	16.88	16.74	18	5
1.4	256QAM	1	3	16.82	16.90	16.86		
1.4	256QAM	1	5	16.85	16.96	16.76		
1.4	256QAM	3	0	16.79	16.96	16.82		
1.4	256QAM	3	1	16.86	16.88	16.86		
1.4	256QAM	3	3	16.84	16.87	16.79		
1.4	256QAM	6	0	16.83	16.95	16.84	18	5

Band 13 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.73		23	0
10	QPSK	1	25		21.60			
10	QPSK	1	49		21.58			
10	QPSK	25	0		20.66		22	1
10	QPSK	25	12		20.56			
10	QPSK	25	25		20.44			
10	QPSK	50	0		20.64			
10	16QAM	1	0		21.08		22	1
10	16QAM	1	25		21.12			
10	16QAM	1	49		21.00			
10	16QAM	25	0		19.65		21	2
10	16QAM	25	12		19.51			
10	16QAM	25	25		19.55			
10	16QAM	50	0		19.58			
10	64QAM	1	0		19.73		21	2
10	64QAM	1	25		19.74			
10	64QAM	1	49		19.87			
10	64QAM	25	0		18.55		20	3
10	64QAM	25	12		18.48			
10	64QAM	25	25		18.62			
10	64QAM	50	0		18.54			
10	256QAM	1	0		16.81		18	5
10	256QAM	1	25		16.77			
10	256QAM	1	49		16.73			
10	256QAM	25	0		16.82		18	5
10	256QAM	25	12		16.73			
10	256QAM	25	25		16.76			
10	256QAM	50	0		16.78			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.68	21.68	21.62	23	0
5	QPSK	1	12	21.54	21.49	21.66		
5	QPSK	1	24	21.65	21.58	21.50		
5	QPSK	12	0	20.71	20.71	20.65	22	1
5	QPSK	12	7	20.47	20.60	20.32		
5	QPSK	12	13	20.48	20.54	20.41		
5	QPSK	25	0	20.66	20.67	20.63		
5	16QAM	1	0	20.90	21.11	21.00	22	1
5	16QAM	1	12	20.96	21.00	20.77		
5	16QAM	1	24	21.02	21.07	20.89		
5	16QAM	12	0	19.47	19.67	19.39	21	2
5	16QAM	12	7	19.45	19.58	19.43		
5	16QAM	12	13	19.54	19.55	19.57		
5	16QAM	25	0	19.53	19.54	19.50		
5	64QAM	1	0	19.63	19.69	19.77	21	2
5	64QAM	1	12	19.69	19.74	19.72		
5	64QAM	1	24	19.63	19.85	19.66		
5	64QAM	12	0	18.64	18.59	18.47	20	3
5	64QAM	12	7	18.49	18.55	18.53		
5	64QAM	12	13	18.47	18.52	18.50		
5	64QAM	25	0	18.51	18.60	18.49		
5	256QAM	1	0	16.65	16.74	16.64	18	5
5	256QAM	1	12	16.67	16.72	16.61		
5	256QAM	1	24	16.69	16.72	16.64		
5	256QAM	12	0	16.62	16.71	16.62	18	5
5	256QAM	12	7	16.61	16.72	16.64		
5	256QAM	12	13	16.64	16.77	16.65		
5	256QAM	25	0	16.59	16.78	16.63		

Band 17 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.79	21.95	21.89	23	0
10	QPSK	1	25	21.66	21.71	21.82		
10	QPSK	1	49	21.90	21.80	21.64		
10	QPSK	25	0	20.85	20.89	20.76	22	1
10	QPSK	25	12	20.66	20.74	20.51		
10	QPSK	25	25	20.70	20.70	20.66		
10	QPSK	50	0	20.75	20.83	20.73		
10	16QAM	1	0	21.06	21.22	21.18	22	1
10	16QAM	1	25	21.05	21.22	20.99		
10	16QAM	1	49	21.20	21.22	21.14		
10	16QAM	25	0	19.61	19.84	19.53	21	2
10	16QAM	25	12	19.63	19.66	19.62		
10	16QAM	25	25	19.64	19.74	19.75		
10	16QAM	50	0	19.72	19.71	19.61		
10	64QAM	1	0	19.86	19.87	19.96	21	2
10	64QAM	1	25	19.91	19.87	19.93		
10	64QAM	1	49	19.86	20.05	19.81		
10	64QAM	25	0	18.76	18.71	18.60	20	3
10	64QAM	25	12	18.67	18.65	18.75		
10	64QAM	25	25	18.65	18.76	18.63		
10	64QAM	50	0	18.59	18.70	18.75		
10	256QAM	1	0	16.89	16.98	16.86	18	5
10	256QAM	1	25	16.77	16.88	16.83		
10	256QAM	1	49	16.86	16.97	16.82		
10	256QAM	25	0	16.79	16.94	16.79	18	5
10	256QAM	25	12	16.80	16.91	16.87		
10	256QAM	25	25	16.77	16.94	16.80		
10	256QAM	50	0	16.83	16.89	16.82		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.87	21.93	21.83	23	0
5	QPSK	1	12	21.74	21.68	21.77		
5	QPSK	1	24	21.76	21.74	21.66		
5	QPSK	12	0	20.81	20.83	20.75	22	1
5	QPSK	12	7	20.70	20.71	20.59		
5	QPSK	12	13	20.64	20.67	20.54		
5	QPSK	25	0	20.69	20.76	20.73		
5	16QAM	1	0	21.03	21.19	21.20	22	1
5	16QAM	1	12	21.02	21.26	20.91		
5	16QAM	1	24	21.15	21.17	21.13		
5	16QAM	12	0	19.65	19.78	19.58	21	2
5	16QAM	12	7	19.66	19.72	19.60		
5	16QAM	12	13	19.64	19.69	19.75		
5	16QAM	25	0	19.66	19.67	19.68		
5	64QAM	1	0	19.85	19.83	19.88	21	2
5	64QAM	1	12	19.77	19.87	19.90		
5	64QAM	1	24	19.80	19.95	19.82		
5	64QAM	12	0	18.79	18.75	18.60	20	3
5	64QAM	12	7	18.57	18.61	18.71		
5	64QAM	12	13	18.61	18.69	18.61		
5	64QAM	25	0	18.57	18.64	18.67		
5	256QAM	1	0	16.84	16.96	16.81	18	5
5	256QAM	1	12	16.79	16.94	16.81		
5	256QAM	1	24	16.81	16.91	16.78		
5	256QAM	12	0	16.81	16.92	16.80	18	5
5	256QAM	12	7	16.74	16.86	16.74		
5	256QAM	12	13	16.80	16.96	16.80		
5	256QAM	25	0	16.79	16.95	16.79		

Band 26 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.44	22.51	22.45	24	0
15	QPSK	1	37	22.32	22.33	22.44		
15	QPSK	1	74	22.45	22.42	22.29		
15	QPSK	36	0	21.43	21.47	21.38	23	1
15	QPSK	36	20	21.28	21.37	21.16		
15	QPSK	36	39	21.29	21.27	21.22		
15	QPSK	75	0	21.38	21.45	21.36		
15	16QAM	1	0	21.69	21.86	21.83	23	1
15	16QAM	1	37	21.76	21.84	21.58		
15	16QAM	1	74	21.76	21.82	21.71		
15	16QAM	36	0	20.26	20.42	20.18	22	2
15	16QAM	36	20	20.25	20.32	20.26		
15	16QAM	36	39	20.24	20.29	20.33		
15	16QAM	75	0	20.29	20.34	20.26		
15	64QAM	1	0	20.44	20.47	20.55	22	2
15	64QAM	1	37	20.46	20.52	20.54		
15	64QAM	1	74	20.43	20.64	20.40		
15	64QAM	36	0	19.42	19.36	19.19	21	3
15	64QAM	36	20	19.26	19.28	19.35		
15	64QAM	36	39	19.29	19.34	19.27		
15	64QAM	75	0	19.23	19.31	19.30		
15	256QAM	1	0	17.35	17.54	17.28	19	5
15	256QAM	1	37	17.25	17.43	17.42		
15	256QAM	1	74	17.38	17.48	17.22		
15	256QAM	36	0	17.33	17.40	17.26	19	5
15	256QAM	36	20	17.16	17.30	17.04		
15	256QAM	36	39	17.16	17.38	17.19		
15	256QAM	75	0	17.14	17.16	17.23		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.28	22.38	22.27	24	0
10	QPSK	1	25	22.31	22.33	22.32		
10	QPSK	1	49	22.27	22.39	22.29		
10	QPSK	25	0	21.20	21.21	21.23	23	1
10	QPSK	25	12	21.19	21.23	21.10		
10	QPSK	25	25	21.19	21.14	21.20		
10	QPSK	50	0	21.29	21.27	21.20		
10	16QAM	1	0	22.54	21.99	21.67	23	1
10	16QAM	1	25	21.64	21.71	21.56		
10	16QAM	1	49	21.63	21.78	21.58		
10	16QAM	25	0	20.17	20.25	20.18	22	2
10	16QAM	25	12	20.13	20.20	20.22		
10	16QAM	25	25	20.18	20.24	20.16		
10	16QAM	50	0	20.25	20.24	20.20		
10	64QAM	1	0	20.31	20.44	20.38	22	2
10	64QAM	1	25	20.33	20.46	20.42		
10	64QAM	1	49	20.33	20.50	20.39		
10	64QAM	25	0	19.22	19.22	19.13	21	3
10	64QAM	25	12	19.27	19.23	19.27		
10	64QAM	25	25	19.20	19.28	19.16		
10	64QAM	50	0	19.18	19.21	19.16		
10	256QAM	1	0	17.21	17.42	17.23	19	5
10	256QAM	1	25	17.32	17.41	17.38		
10	256QAM	1	49	17.26	17.47	17.23		
10	256QAM	25	0	17.14	17.28	17.09	19	5
10	256QAM	25	12	17.11	17.27	17.02		
10	256QAM	25	25	17.07	17.18	17.16		
10	256QAM	50	0	17.03	17.14	17.02		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.26	22.43	22.28	24	0
5	QPSK	1	12	22.27	22.35	22.37		
5	QPSK	1	24	22.27	22.32	22.27		
5	QPSK	12	0	21.23	21.38	21.26	23	1
5	QPSK	12	7	21.14	21.25	21.12		
5	QPSK	12	13	21.22	21.24	21.17		
5	QPSK	25	0	21.22	21.32	21.21		
5	16QAM	1	0	21.63	21.76	21.73	23	1
5	16QAM	1	12	21.64	21.64	21.57		
5	16QAM	1	24	21.67	21.71	21.62		
5	16QAM	12	0	20.19	20.31	20.18	22	2
5	16QAM	12	7	20.10	20.26	20.18		
5	16QAM	12	13	20.12	20.24	20.20		
5	16QAM	25	0	20.27	20.25	20.24		
5	64QAM	1	0	20.38	20.48	20.41	22	2
5	64QAM	1	12	20.33	20.45	20.44		
5	64QAM	1	24	20.28	20.41	20.43		
5	64QAM	12	0	19.31	19.26	19.17	21	3
5	64QAM	12	7	19.21	19.26	19.26		
5	64QAM	12	13	19.09	19.23	19.21		
5	64QAM	25	0	19.20	19.20	19.12		
5	256QAM	1	0	17.20	17.46	17.19	19	5
5	256QAM	1	12	17.22	17.37	17.39		
5	256QAM	1	24	17.23	17.42	17.26		
5	256QAM	12	0	17.19	17.24	17.11	19	5
5	256QAM	12	7	17.09	17.18	17.05		
5	256QAM	12	13	17.11	17.29	17.13		
5	256QAM	25	0	17.03	17.15	17.03		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.30	22.37	22.33	24	0
3	QPSK	1	8	22.21	22.37	22.32		
3	QPSK	1	14	22.31	22.39	22.31		
3	QPSK	8	0	21.22	21.28	21.22	23	1
3	QPSK	8	4	21.16	21.22	21.12		
3	QPSK	8	7	21.19	21.21	21.18		
3	QPSK	15	0	21.19	21.27	21.22		
3	16QAM	1	0	21.59	21.72	21.72	23	1
3	16QAM	1	8	21.54	21.71	21.59		
3	16QAM	1	14	21.67	21.71	21.63		
3	16QAM	8	0	20.19	20.20	20.08	22	2
3	16QAM	8	4	20.14	20.29	20.22		
3	16QAM	8	7	20.10	20.22	20.14		
3	16QAM	15	0	20.18	20.31	20.24		
3	64QAM	1	0	20.29	20.44	20.34	22	2
3	64QAM	1	8	20.24	20.52	20.37		
3	64QAM	1	14	20.36	20.41	20.41		
3	64QAM	8	0	19.26	19.27	19.19	21	3
3	64QAM	8	4	19.23	19.21	19.28		
3	64QAM	8	7	19.20	19.28	19.15		
3	64QAM	15	0	19.19	19.18	19.18		
3	256QAM	1	0	17.21	17.42	17.17	19	5
3	256QAM	1	8	17.24	17.42	17.41		
3	256QAM	1	14	17.30	17.41	17.22		
3	256QAM	8	0	17.15	17.21	17.15	19	5
3	256QAM	8	4	17.03	17.25	17.03		
3	256QAM	8	7	17.09	17.18	17.15		
3	256QAM	15	0	17.01	17.12	17.01		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.30	22.29	22.35	24	0
1.4	QPSK	1	3	22.13	22.37	22.40		
1.4	QPSK	1	5	22.20	22.31	22.27		
1.4	QPSK	3	0	22.26	22.41	22.26		
1.4	QPSK	3	1	22.17	22.37	22.32		
1.4	QPSK	3	3	22.39	22.37	22.42		
1.4	QPSK	6	0	21.14	21.28	21.17	23	1
1.4	16QAM	1	0	21.29	21.33	21.17	23	1
1.4	16QAM	1	3	21.24	21.30	21.19		
1.4	16QAM	1	5	21.21	21.29	21.17		
1.4	16QAM	3	0	21.47	21.66	21.68		
1.4	16QAM	3	1	21.62	21.69	21.69		
1.4	16QAM	3	3	21.76	21.62	21.55		
1.4	16QAM	6	0	20.16	20.22	20.19	22	2
1.4	64QAM	1	0	20.16	20.33	20.16	22	2
1.4	64QAM	1	3	20.13	20.17	20.14		
1.4	64QAM	1	5	20.22	20.19	20.18		
1.4	64QAM	3	0	20.25	20.35	20.21		
1.4	64QAM	3	1	20.08	20.30	20.20		
1.4	64QAM	3	3	20.22	20.31	20.22		
1.4	64QAM	6	0	19.24	19.29	19.38	21	3
1.4	256QAM	1	0	17.18	17.38	17.10	19	5
1.4	256QAM	1	3	17.24	17.40	17.33		
1.4	256QAM	1	5	17.27	17.34	17.20		
1.4	256QAM	3	0	17.08	17.15	17.21		
1.4	256QAM	3	1	17.04	17.17	17.09		
1.4	256QAM	3	3	17.06	17.17	17.04		
1.4	256QAM	6	0	17.05	17.06	17.01	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.38	20.49	20.45	21.5	0
20	QPSK	1	49	20.26	20.45	20.34		
20	QPSK	1	99	20.35	20.47	20.35		
20	QPSK	50	0	19.39	19.46	19.35	20.5	1
20	QPSK	50	24	19.21	19.35	19.25		
20	QPSK	50	50	19.24	19.28	19.31		
20	QPSK	100	0	19.23	19.31	19.24		
20	16QAM	1	0	19.67	19.72	19.77	20.5	1
20	16QAM	1	49	19.60	19.80	19.75		
20	16QAM	1	99	19.77	19.71	19.60		
20	16QAM	50	0	18.24	18.30	18.25	19.5	2
20	16QAM	50	24	18.22	18.29	18.21		
20	16QAM	50	50	18.25	18.28	18.27		
20	16QAM	100	0	18.25	18.29	18.21		
20	64QAM	1	0	18.48	18.53	18.52	19.5	2
20	64QAM	1	49	18.39	18.47	18.46		
20	64QAM	1	99	18.42	18.53	18.49		
20	64QAM	50	0	17.33	17.32	17.30	18.5	3
20	64QAM	50	24	17.34	17.31	17.32		
20	64QAM	50	50	17.23	17.31	17.25		
20	64QAM	100	0	17.23	17.28	17.26		
20	256QAM	1	0	15.35	15.44	15.40	16.5	5
20	256QAM	1	49	15.25	15.44	15.42		
20	256QAM	1	99	15.34	15.36	15.31		
20	256QAM	50	0	15.24	15.27	15.18	16.5	5
20	256QAM	50	24	15.14	15.27	15.16		
20	256QAM	50	50	15.12	15.27	15.12		
20	256QAM	100	0	15.14	15.26	15.18		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.44	20.46	20.43	21.5	0
15	QPSK	1	37	20.25	20.45	20.39		
15	QPSK	1	74	20.46	20.40	20.30		
15	QPSK	36	0	19.26	19.36	19.34	20.5	1
15	QPSK	36	20	19.21	19.31	19.23		
15	QPSK	36	39	19.32	19.34	19.23		
15	QPSK	75	0	19.27	19.32	19.34		
15	16QAM	1	0	19.62	19.81	19.70	20.5	1
15	16QAM	1	37	19.61	19.71	19.72		
15	16QAM	1	74	19.68	19.76	19.62		
15	16QAM	36	0	18.33	18.35	18.26	19.5	2
15	16QAM	36	20	18.23	18.37	18.19		
15	16QAM	36	39	18.23	18.36	18.25		
15	16QAM	75	0	18.28	18.34	18.20		
15	64QAM	1	0	18.40	18.59	18.52	19.5	2
15	64QAM	1	37	18.48	18.55	18.45		
15	64QAM	1	74	18.39	18.59	18.56		
15	64QAM	36	0	17.36	17.34	17.20	18.5	3
15	64QAM	36	20	17.34	17.40	17.32		
15	64QAM	36	39	17.25	17.39	17.25		
15	64QAM	75	0	17.28	17.24	17.28		
15	256QAM	1	0	15.34	15.41	15.37	16.5	5
15	256QAM	1	37	15.36	15.47	15.42		
15	256QAM	1	74	15.37	15.40	15.31		
15	256QAM	36	0	15.24	15.33	15.15	16.5	5
15	256QAM	36	20	15.15	15.25	15.15		
15	256QAM	36	39	15.17	15.32	15.17		
15	256QAM	75	0	15.14	15.26	15.19		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.41	20.41	20.37	21.5	0
10	QPSK	1	25	20.34	20.41	20.35		
10	QPSK	1	49	20.37	20.47	20.31		
10	QPSK	25	0	19.28	19.39	19.34	20.5	1
10	QPSK	25	12	19.32	19.39	19.22		
10	QPSK	25	25	19.26	19.37	19.30		
10	QPSK	50	0	19.28	19.25	19.23		
10	16QAM	1	0	19.66	19.78	19.68	20.5	1
10	16QAM	1	25	19.62	19.78	19.67		
10	16QAM	1	49	19.78	19.78	19.60		
10	16QAM	25	0	18.32	18.28	18.21	19.5	2
10	16QAM	25	12	18.21	18.28	18.23		
10	16QAM	25	25	18.24	18.34	18.27		
10	16QAM	50	0	18.26	18.26	18.15		
10	64QAM	1	0	18.37	18.61	18.45	19.5	2
10	64QAM	1	25	18.43	18.56	18.39		
10	64QAM	1	49	18.40	18.60	18.53		
10	64QAM	25	0	17.32	17.33	17.28	18.5	3
10	64QAM	25	12	17.34	17.41	17.38		
10	64QAM	25	25	17.31	17.37	17.30		
10	64QAM	50	0	17.28	17.32	17.26		
10	256QAM	1	0	15.35	15.41	15.35	16.5	5
10	256QAM	1	25	15.28	15.44	15.39		
10	256QAM	1	49	15.33	15.47	15.29		
10	256QAM	25	0	15.27	15.33	15.23	16.5	5
10	256QAM	25	12	15.17	15.26	15.08		
10	256QAM	25	25	15.15	15.29	15.15		
10	256QAM	50	0	15.18	15.29	15.14		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.45	20.42	20.39	21.5	0
5	QPSK	1	12	20.30	20.41	20.36		
5	QPSK	1	24	20.36	20.40	20.41		
5	QPSK	12	0	19.30	19.39	19.32	20.5	1
5	QPSK	12	7	19.25	19.29	19.19		
5	QPSK	12	13	19.33	19.27	19.26		
5	QPSK	25	0	19.27	19.28	19.23		
5	16QAM	1	0	19.65	19.77	19.74	20.5	1
5	16QAM	1	12	19.59	19.72	19.71		
5	16QAM	1	24	19.78	19.82	19.58		
5	16QAM	12	0	18.25	18.30	18.26	19.5	2
5	16QAM	12	7	18.22	18.32	18.27		
5	16QAM	12	13	18.21	18.31	18.31		
5	16QAM	25	0	18.28	18.30	18.22		
5	64QAM	1	0	18.40	18.60	18.45	19.5	2
5	64QAM	1	12	18.39	18.48	18.47		
5	64QAM	1	24	18.41	18.59	18.50		
5	64QAM	12	0	17.29	17.38	17.29	18.5	3
5	64QAM	12	7	17.33	17.33	17.37		
5	64QAM	12	13	17.22	17.41	17.23		
5	64QAM	25	0	17.23	17.30	17.24		
5	256QAM	1	0	15.37	15.44	15.35	16.5	5
5	256QAM	1	12	15.32	15.39	15.42		
5	256QAM	1	24	15.34	15.36	15.36		
5	256QAM	12	0	15.23	15.29	15.13	16.5	5
5	256QAM	12	7	15.13	15.23	15.15		
5	256QAM	12	13	15.15	15.32	15.11		
5	256QAM	25	0	15.21	15.23	15.13		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.46	20.43	20.38	21.5	0
3	QPSK	1	8	20.33	20.37	20.41		
3	QPSK	1	14	20.37	20.48	20.30		
3	QPSK	8	0	19.23	19.35	19.28	20.5	1
3	QPSK	8	4	19.31	19.37	19.24		
3	QPSK	8	7	19.31	19.37	19.27		
3	QPSK	15	0	19.29	19.33	19.24		
3	16QAM	1	0	19.66	19.79	19.76	20.5	1
3	16QAM	1	8	19.69	19.70	19.71		
3	16QAM	1	14	19.77	19.77	19.67		
3	16QAM	8	0	18.26	18.40	18.29	19.5	2
3	16QAM	8	4	18.15	18.39	18.21		
3	16QAM	8	7	18.22	18.37	18.26		
3	16QAM	15	0	18.24	18.34	18.17		
3	64QAM	1	0	18.46	18.59	18.45	19.5	2
3	64QAM	1	8	18.48	18.55	18.45		
3	64QAM	1	14	18.48	18.50	18.56		
3	64QAM	8	0	17.27	17.34	17.22	18.5	3
3	64QAM	8	4	17.34	17.32	17.29		
3	64QAM	8	7	17.31	17.38	17.21		
3	64QAM	15	0	17.18	17.27	17.22		
3	256QAM	1	0	15.32	15.44	15.40	16.5	5
3	256QAM	1	8	15.31	15.44	15.38		
3	256QAM	1	14	15.36	15.36	15.29		
3	256QAM	8	0	15.19	15.26	15.20	16.5	5
3	256QAM	8	4	15.14	15.24	15.12		
3	256QAM	8	7	15.21	15.32	15.16		
3	256QAM	15	0	15.21	15.28	15.10		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.34	20.34	20.29	21.5	0
1.4	QPSK	1	3	20.27	20.38	20.32		
1.4	QPSK	1	5	20.33	20.36	20.38		
1.4	QPSK	3	0	20.36	20.43	20.29		
1.4	QPSK	3	1	20.14	20.33	20.32		
1.4	QPSK	3	3	20.29	20.36	20.38		
1.4	QPSK	6	0	19.21	19.33	19.13	20.5	1
1.4	16QAM	1	0	19.14	19.24	19.11	20.5	1
1.4	16QAM	1	3	19.18	19.22	19.28		
1.4	16QAM	1	5	19.22	19.31	19.22		
1.4	16QAM	3	0	19.49	19.70	19.64		
1.4	16QAM	3	1	19.52	19.65	19.64		
1.4	16QAM	3	3	19.66	19.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.69	21.73	21.65	23	0
20	QPSK	1	49	21.58	21.72	21.59		
20	QPSK	1	99	21.56	21.71	21.58		
20	QPSK	50	0	20.63	20.67	20.64	22	1
20	QPSK	50	24	20.51	20.54	20.47		
20	QPSK	50	50	20.46	20.59	20.53		
20	QPSK	100	0	20.54	20.65	20.57		
20	16QAM	1	0	20.81	20.91	20.96	22	1
20	16QAM	1	49	20.88	21.07	20.93		
20	16QAM	1	99	20.97	21.04	20.81		
20	16QAM	50	0	19.47	19.60	19.46	21	2
20	16QAM	50	24	19.37	19.64	19.48		
20	16QAM	50	50	19.55	19.60	19.58		
20	16QAM	100	0	19.47	19.59	19.51		
20	64QAM	1	0	19.67	19.73	19.76	21	2
20	64QAM	1	49	19.74	19.73	19.66		
20	64QAM	1	99	19.61	19.88	19.80		
20	64QAM	50	0	18.62	18.63	18.54	20	3
20	64QAM	50	24	18.60	18.64	18.64		
20	64QAM	50	50	18.53	18.61	18.55		
20	64QAM	100	0	18.38	18.50	18.49		
20	256QAM	1	0	16.62	16.68	16.70	18	5
20	256QAM	1	49	16.50	16.68	16.76		
20	256QAM	1	99	16.61	16.66	16.65		
20	256QAM	50	0	16.50	16.47	16.53	18	5
20	256QAM	50	24	16.37	16.54	16.35		
20	256QAM	50	50	16.39	16.56	16.42		
20	256QAM	100	0	16.45	16.65	16.38		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.62	21.71	21.64	23	0
15	QPSK	1	37	21.56	21.65	21.60		
15	QPSK	1	74	21.63	21.62	21.60		
15	QPSK	36	0	20.54	20.59	20.60	22	1
15	QPSK	36	20	20.51	20.56	20.45		
15	QPSK	36	39	20.47	20.56	20.58		
15	QPSK	75	0	20.45	20.53	20.57		
15	16QAM	1	0	20.81	21.02	20.94	22	1
15	16QAM	1	37	20.93	21.01	20.91		
15	16QAM	1	74	20.98	21.06	20.90		
15	16QAM	36	0	19.46	19.63	19.53	21	2
15	16QAM	36	20	19.45	19.57	19.43		
15	16QAM	36	39	19.46	19.62	19.55		
15	16QAM	75	0	19.48	19.58	19.44		
15	64QAM	1	0	19.75	19.77	19.67	21	2
15	64QAM	1	37	19.67	19.78	19.66		
15	64QAM	1	74	19.62	19.87	19.75		
15	64QAM	36	0	18.68	18.59	18.56	20	3
15	64QAM	36	20	18.54	18.70	18.63		
15	64QAM	36	39	18.52	18.58	18.51		
15	64QAM	75	0	18.47	18.45	18.48		
15	256QAM	1	0	16.55	16.75	16.61	18	5
15	256QAM	1	37	16.53	16.75	16.71		
15	256QAM	1	74	16.59	16.73	16.61		
15	256QAM	36	0	16.52	16.48	16.50	18	5
15	256QAM	36	20	16.35	16.53	16.43		
15	256QAM	36	39	16.39	16.57	16.39		
15	256QAM	75	0	16.46	16.65	16.36		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.66	21.72	21.66	23	0
10	QPSK	1	25	21.51	21.67	21.58		
10	QPSK	1	49	21.57	21.67	21.54		
10	QPSK	25	0	20.51	20.65	20.55	22	1
10	QPSK	25	12	20.58	20.53	20.56		
10	QPSK	25	25	20.52	20.61	20.59		
10	QPSK	50	0	20.43	20.62	20.58		
10	16QAM	1	0	20.86	21.00	20.96	22	1
10	16QAM	1	25	20.88	21.10	20.87		
10	16QAM	1	49	20.97	21.03	20.81		
10	16QAM	25	0	19.48	19.63	19.53	21	2
10	16QAM	25	12	19.48	19.60	19.44		
10	16QAM	25	25	19.51	19.53	19.52		
10	16QAM	50	0	19.48	19.60	19.41		
10	64QAM	1	0	19.78	19.80	19.66	21	2
10	64QAM	1	25	19.74	19.76	19.69		
10	64QAM	1	49	19.58	19.82	19.84		
10	64QAM	25	0	18.63	18.55	18.52	20	3
10	64QAM	25	12	18.49	18.60	18.61		
10	64QAM	25	25	18.51	18.57	18.48		
10	64QAM	50	0	18.44	18.52	18.41		
10	256QAM	1	0	16.61	16.74	16.67	18	5
10	256QAM	1	25	16.54	16.75	16.74		
10	256QAM	1	49	16.63	16.67	16.67		
10	256QAM	25	0	16.51	16.50	16.53	18	5
10	256QAM	25	12	16.45	16.58	16.34		
10	256QAM	25	25	16.38	16.49	16.49		
10	256QAM	50	0	16.39	16.54	16.40		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.60	21.70	21.68	23	0
5	QPSK	1	12	21.51	21.71	21.62		
5	QPSK	1	24	21.64	21.60	21.60		
5	QPSK	12	0	20.54	20.57	20.54	22	1
5	QPSK	12	7	20.61	20.56	20.49		
5	QPSK	12	13	20.47	20.58	20.48		
5	QPSK	25	0	20.45	20.54	20.61		
5	16QAM	1	0	20.87	20.93	20.93	22	1
5	16QAM	1	12	20.96	21.00	20.98		
5	16QAM	1	24	20.97	21.02	20.84		
5	16QAM	12	0	19.55	19.68	19.47	21	2
5	16QAM	12	7	19.42	19.55	19.37		
5	16QAM	12	13	19.50	19.57	19.57		
5	16QAM	25	0	19.42	19.57	19.52		
5	64QAM	1	0	19.68	19.79	19.64	21	2
5	64QAM	1	12	19.74	19.70	19.70		
5	64QAM	1	24	19.59	19.87	19.85		
5	64QAM	12	0	18.69	18.56	18.50	20	3
5	64QAM	12	7	18.61	18.63	18.64		
5	64QAM	12	13	18.54	18.62	18.54		
5	64QAM	25	0	18.39	18.46	18.42		
5	256QAM	1	0	16.52	16.78	16.64	18	5
5	256QAM	1	12	16.48	16.72	16.66		
5	256QAM	1	24	16.67	16.65	16.57		
5	256QAM	12	0	16.46	16.47	16.46	18	5
5	256QAM	12	7	16.42	16.54	16.32		
5	256QAM	12	13	16.40	16.53	16.49		
5	256QAM	25	0	16.43	16.65	16.32		

Band 41 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.68	21.69	21.75	21.72	21.61	23	0
20	QPSK	1	49	21.50	21.63	21.61	21.70	21.66		
20	QPSK	1	99	21.67	21.66	21.57	21.66	21.55		
20	QPSK	50	0	20.56	20.67	20.71	20.66	20.49	22	1
20	QPSK	50	24	20.58	20.56	20.53	20.60	20.54		
20	QPSK	50	50	20.50	20.50	20.51	20.55	20.49		
20	QPSK	100	0	20.65	20.64	20.69	20.62	20.57		
20	16QAM	1	0	20.90	20.96	20.91	21.01	20.96	22	1
20	16QAM	1	49	20.91	20.98	20.90	21.00	20.89		
20	16QAM	1	99	20.94	21.03	21.03	21.02	20.87		
20	16QAM	50	0	19.46	19.65	19.51	19.69	19.47	21	2
20	16QAM	50	24	19.44	19.54	19.46	19.58	19.38		
20	16QAM	50	50	19.50	19.59	19.49	19.58	19.52		
20	16QAM	100	0	19.52	19.64	19.52	19.62	19.44		
20	64QAM	1	0	19.79	19.82	19.77	19.82	19.74	21	2
20	64QAM	1	49	19.76	19.72	19.71	19.68	19.75		
20	64QAM	1	99	19.67	19.86	19.67	19.77	19.85		
20	64QAM	50	0	18.59	18.55	18.62	18.57	18.50	20	3
20	64QAM	50	24	18.50	18.60	18.50	18.69	18.62		
20	64QAM	50	50	18.54	18.57	18.49	18.61	18.49		
20	64QAM	100	0	18.46	18.47	18.38	18.41	18.49		
20	256QAM	1	0	16.61	16.70	16.53	16.77	16.63	18	5
20	256QAM	1	49	16.49	16.69	16.48	16.66	16.74		
20	256QAM	1	99	16.66	16.74	16.62	16.72	16.66		
20	256QAM	50	0	16.55	16.49	16.45	16.51	16.53	18	5
20	256QAM	50	24	16.43	16.59	16.42	16.53	16.36		
20	256QAM	50	50	16.33	16.51	16.38	16.58	16.48		
20	256QAM	100	0	16.41	16.60	16.45	16.55	16.39		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.62	21.72	21.70	21.71	21.64	23	0
15	QPSK	1	37	21.54	21.70	21.56	21.67	21.60		
15	QPSK	1	74	21.56	21.62	21.59	21.63	21.58		
15	QPSK	36	0	20.50	20.63	20.51	20.58	20.53	22	1
15	QPSK	36	20	20.53	20.62	20.56	20.55	20.56		
15	QPSK	36	39	20.47	20.57	20.46	20.53	20.53		
15	QPSK	75	0	20.42	20.60	20.41	20.64	20.59		
15	16QAM	1	0	20.89	20.99	20.83	20.98	20.92	22	1
15	16QAM	1	37	20.91	21.00	20.94	21.09	20.95		
15	16QAM	1	74	21.00	21.07	21.03	21.00	20.81		
15	16QAM	36	0	19.54	19.66	19.55	19.65	19.51	21	2
15	16QAM	36	20	19.42	19.59	19.49	19.53	19.40		
15	16QAM	36	39	19.45	19.59	19.54	19.58	19.53		
15	16QAM	75	0	19.48	19.54	19.42	19.55	19.42		
15	64QAM	1	0	19.70	19.83	19.76	19.81	19.76	21	2
15	64QAM	1	37	19.68	19.74	19.71	19.73	19.74		
15	64QAM	1	74	19.62	19.79	19.62	19.80	19.79		
15	64QAM	36	0	18.68	18.55	18.65	18.63	18.60	20	3
15	64QAM	36	20	18.52	18.69	18.59	18.61	18.62		
15	64QAM	36	39	18.56	18.63	18.57	18.58	18.46		
15	64QAM	75	0	18.36	18.48	18.42	18.45	18.50		
15	256QAM	1	0	16.56	16.78	16.51	16.73	16.60	18	5
15	256QAM	1	37	16.56	16.69	16.58	16.75	16.64		
15	256QAM	1	74	16.68	16.72	16.70	16.70	16.58		
15	256QAM	36	0	16.47	16.49	16.45	16.51	16.47	18	5
15	256QAM	36	20	16.35	16.61	16.44	16.50	16.35		
15	256QAM	36	39	16.41	16.61	16.38	16.55	16.43		
15	256QAM	75	0	16.35	16.54	16.44	16.53	16.40		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.70	21.64	21.59	21.66	21.59	23	0
10	QPSK	1	25	21.62	21.62	21.50	21.64	21.62		
10	QPSK	1	49	21.62	21.66	21.61	21.68	21.52		
10	QPSK	25	0	20.55	20.62	20.60	20.56	20.53	22	1
10	QPSK	25	12	20.57	20.64	20.53	20.58	20.50		
10	QPSK	25	25	20.53	20.58	20.55	20.57	20.58		
10	QPSK	50	0	20.42	20.63	20.41	20.58	20.55		
10	16QAM	1	0	20.79	20.94	20.84	20.97	20.99	22	1
10	16QAM	1	25	20.96	21.02	20.95	20.98	20.94		
10	16QAM	1	49	21.04	21.00	20.96	20.97	20.86		
10	16QAM	25	0	19.54	19.60	19.52	19.68	19.42	21	2
10	16QAM	25	12	19.45	19.58	19.45	19.58	19.43		
10	16QAM	25	25	19.48	19.64	19.47	19.62	19.48		
10	16QAM	50	0	19.53	19.56	19.53	19.60	19.49		
10	64QAM	1	0	19.74	19.83	19.77	19.82	19.68	21	2
10	64QAM	1	25	19.73	19.70	19.67	19.67	19.69		
10	64QAM	1	49	19.58	19.85	19.68	19.79	19.83		
10	64QAM	25	0	18.64	18.63	18.68	18.59	18.53	20	3
10	64QAM	25	12	18.57	18.62	18.53	18.64	18.66		
10	64QAM	25	25	18.48	18.60	18.49	18.64	18.53		
10	64QAM	50	0	18.44	18.49	18.38	18.49	18.47		
10	256QAM	1	0	16.52	16.76	16.50	16.73	16.61	18	5
10	256QAM	1	25	16.59	16.70	16.54	16.71	16.68		
10	256QAM	1	49	16.69	16.72	16.61	16.65	16.57		
10	256QAM	25	0	16.52	16.53	16.45	16.46	16.48	18	5
10	256QAM	25	12	16.42	16.58	16.37	16.58	16.37		
10	256QAM	25	25	16.40	16.52	16.37	16.49	16.50		
10	256QAM	50	0	16.44	16.55	16.45	16.53	16.38		
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	21.59	21.70	21.59	21.70	21.65	23	0
5	QPSK	1	12	21.60	21.74	21.61	21.66	21.68		
5	QPSK	1	24	21.62	21.67	21.64	21.71	21.51		
5	QPSK	12	0	20.60	20.62	20.49	20.66	20.58	22	1
5	QPSK	12	7	20.61	20.63	20.61	20.56	20.56		
5	QPSK	12	13	20.48	20.53	20.46	20.60	20.56		
5	QPSK	25	0	20.36	20.63	20.39	20.56	20.57		
5	16QAM	1	0	20.80	20.96	20.87	20.98	20.99	22	1
5	16QAM	1	12	20.87	21.07	20.88	21.08	20.88		
5	16QAM	1	24	20.98	21.02	21.00	21.03	20.86		
5	16QAM	12	0	19.54	19.62	19.51	19.65	19.43	21	2
5	16QAM	12	7	19.41	19.53	19.45	19.61	19.40		
5	16QAM	12	13	19.54	19.60	19.53	19.55	19.53		
5	16QAM	25	0	19.52	19.62	19.43	19.59	19.47		
5	64QAM	1	0	19.69	19.75	19.77	19.78	19.72	21	2
5	64QAM	1	12	19.67	19.77	19.71	19.70	19.67		
5	64QAM	1	24	19.64	19.84	19.58	19.77	19.75		
5	64QAM	12	0	18.69	18.63	18.60	18.59	18.56	20	3
5	64QAM	12	7	18.60	18.61	18.55	18.68	18.66		
5	64QAM	12	13	18.53	18.64	18.58	18.67	18.48		
5	64QAM	25	0	18.39	18.47	18.41	18.42	18.50		
5	256QAM	1	0	16.52	16.76	16.56	16.67	16.70	18	5
5	256QAM	1	12	16.57	16.69	16.57	16.69	16.67		
5	256QAM	1	24	16.66	16.68	16.64	16.73	16.61		
5	256QAM	12	0	16.50	16.46	16.47	16.52	16.47	18	5
5	256QAM	12	7	16.41	16.53	16.44	16.54	16.39		
5	256QAM	12	13	16.37	16.56	16.36	16.55	16.49		
5	256QAM	25	0	16.36	16.55	16.42	16.65	16.41		

GSM1900 Ant2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.86	28.73	28.55	30.50	19.86	19.73	19.55	21.50
GPRS 1 Tx slot	28.85	28.72	28.54	30.50	19.85	19.72	19.54	21.50
GPRS 2 Tx slots	28.08	27.95	27.82	29.00	22.08	21.95	21.82	23.00
GPRS 3 Tx slots	26.31	26.34	26.25	27.50	22.05	22.08	21.99	23.24
GPRS 4 Tx slots	25.24	25.16	25.06	26.00	22.24	22.16	22.06	23.00
EDGE 1 Tx slot	24.40	24.61	24.81	25.50	15.40	15.61	15.81	16.50
EDGE 2 Tx slots	23.32	23.48	23.73	24.50	17.32	17.48	17.73	18.50
EDGE 3 Tx slots	21.27	21.44	21.67	22.50	17.01	17.18	17.41	18.24
EDGE 4 Tx slots	20.15	20.20	20.28	21.00	17.15	17.20	17.28	18.00

Band		WCDMA II Ant2			Tune-up Limit (dBm)	WCDMA IV Ant2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.59	21.54	21.48	22.80	21.65	21.70	21.62	23.10
3GPP Rel 99	RMC 12.2Kbps	21.61	21.67	21.66	22.80	21.76	21.79	21.72	23.10
3GPP Rel 6	HSDPA Subtest-1	20.60	20.61	20.65	21.80	20.76	20.78	20.68	22.10
3GPP Rel 6	HSDPA Subtest-2	20.60	20.66	20.58	21.80	20.70	20.81	20.77	22.10
3GPP Rel 6	HSDPA Subtest-3	20.17	20.22	19.99	21.30	20.24	20.32	20.04	21.60
3GPP Rel 6	HSDPA Subtest-4	20.20	20.25	20.01	21.30	20.33	20.28	20.06	21.60
3GPP Rel 8	DC-HSDPA Subtest-1	20.60	20.74	20.48	21.80	20.80	20.81	20.65	22.10
3GPP Rel 8	DC-HSDPA Subtest-2	20.75	20.62	20.49	21.80	20.82	20.59	20.58	22.10
3GPP Rel 8	DC-HSDPA Subtest-3	20.13	20.19	20.12	21.30	20.24	20.25	20.16	21.60
3GPP Rel 8	DC-HSDPA Subtest-4	20.15	20.23	20.20	21.30	20.19	20.34	20.31	21.60
3GPP Rel 6	HSUPA Subtest-1	20.58	20.54	20.47	21.80	20.84	20.69	20.59	22.10
3GPP Rel 6	HSUPA Subtest-2	18.66	18.64	18.52	19.80	18.79	18.68	18.55	20.10
3GPP Rel 6	HSUPA Subtest-3	19.82	19.61	19.59	20.80	19.83	19.78	19.71	21.10
3GPP Rel 6	HSUPA Subtest-4	18.75	18.62	18.63	19.80	18.89	18.74	18.72	20.10
3GPP Rel 6	HSUPA Subtest-5	20.64	20.71	20.65	21.80	20.75	20.79	20.69	22.10
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.28	18.37	18.23	19.30	18.46	18.33	18.34	19.60

Band 2 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.47	22.49	22.45		
20	QPSK	1	49	22.36	22.45	22.34	23.6	0
20	QPSK	1	99	22.32	22.43	22.34		
20	QPSK	50	0	21.38	21.42	21.34		
20	QPSK	50	24	21.30	21.30	21.27	23	0.6
20	QPSK	50	50	21.28	21.37	21.33		
20	QPSK	100	0	21.35	21.39	21.30		
20	16QAM	1	0	21.67	21.69	21.74		
20	16QAM	1	49	21.72	21.83	21.74	23	0.6
20	16QAM	1	99	21.72	21.74	21.61		
20	16QAM	50	0	20.32	20.43	20.30		
20	16QAM	50	24	20.31	20.38	20.34	22	1.6
20	16QAM	50	50	20.35	20.31	20.35		
20	16QAM	100	0	20.34	20.30	20.33		
20	64QAM	1	0	20.52	20.46	20.42		
20	64QAM	1	49	20.46	20.47	20.49	22	1.6
20	64QAM	1	99	20.44	20.53	20.55		
20	64QAM	50	0	19.39	19.30	19.36		
20	64QAM	50	24	19.27	19.40	19.43	21	2.6
20	64QAM	50	50	19.35	19.35	19.28		
20	64QAM	100	0	19.31	19.32	19.34		
20	256QAM	1	0	17.40	17.54	17.40		
20	256QAM	1	49	17.36	17.52	17.50	19	4.6
20	256QAM	1	99	17.44	17.48	17.38		
20	256QAM	50	0	17.43	17.44	17.43		
20	256QAM	50	24	17.36	17.46	17.38	19	4.6
20	256QAM	50	50	17.40	17.46	17.38		
20	256QAM	100	0	17.43	17.47	17.40		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.44	22.42	22.43		
15	QPSK	1	37	22.34	22.45	22.40	23.6	0
15	QPSK	1	74	22.39	22.43	22.33		
15	QPSK	36	0	21.30	21.42	21.25		
15	QPSK	36	20	21.32	21.36	21.25	23	0.6
15	QPSK	36	39	21.32	21.38	21.33		
15	QPSK	75	0	21.28	21.41	21.34		
15	16QAM	1	0	21.57	21.74	21.71		
15	16QAM	1	37	21.68	21.77	21.68	23	0.6
15	16QAM	1	74	21.79	21.77	21.62		
15	16QAM	36	0	20.29	20.41	20.35		
15	16QAM	36	20	20.35	20.28	20.35	22	1.6
15	16QAM	36	39	20.37	20.32	20.35		
15	16QAM	75	0	20.40	20.35	20.31		
15	64QAM	1	0	20.52	20.48	20.45		
15	64QAM	1	37	20.51	20.51	20.49	22	1.6
15	64QAM	1	74	20.44	20.56	20.61		
15	64QAM	36	0	19.44	19.32	19.30		
15	64QAM	36	20	19.26	19.40	19.43	21	2.6
15	64QAM	36	39	19.27	19.40	19.37		
15	64QAM	75	0	19.28	19.28	19.38		
15	256QAM	1	0	17.47	17.53	17.45		
15	256QAM	1	37	17.47	17.55	17.46	19	4.6
15	256QAM	1	74	17.42	17.48	17.40		
15	256QAM	36	0	17.46	17.50	17.46		
15	256QAM	36	20	17.42	17.45	17.42	19	4.6
15	256QAM	36	39	17.45	17.46	17.46		
15	256QAM	75	0	17.44	17.38	17.38		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.38	22.45	22.37		
10	QPSK	1	25	22.37	22.39	22.39	23.6	0
10	QPSK	1	49	22.36	22.39	22.34		
10	QPSK	25	0	21.27	21.43	21.33		
10	QPSK	25	12	21.39	21.37	21.29	23	0.6
10	QPSK	25	25	21.26	21.34	21.23		
10	QPSK	50	0	21.32	21.38	21.31		
10	16QAM	1	0	21.65	21.73	21.68		
10	16QAM	1	25	21.73	21.85	21.64	23	0.6
10	16QAM	1	49	21.71	21.81	21.56		
10	16QAM	25	0	20.25	20.43	20.27		
10	16QAM	25	12	20.31	20.35	20.33	22	1.6
10	16QAM	25	25	20.29	20.38	20.34		
10	16QAM	50	0	20.34	20.31	20.28		
10	64QAM	1	0	20.51	20.57	20.41		
10	64QAM	1	25	20.42	20.52	20.46	22	1.6
10	64QAM	1	49	20.34	20.59	20.52		
10	64QAM	25	0	19.38	19.37	19.34		
10	64QAM	25	12	19.31	19.41	19.37	21	2.6
10	64QAM	25	25	19.25	19.35	19.27		
10	64QAM	50	0	19.32	19.26	19.40		
10	256QAM	1	0	17.46	17.46	17.38		
10	256QAM	1	25	17.35	17.46	17.45	19	4.6
10	256QAM	1	49	17.46	17.40	17.41		
10	256QAM	25	0	17.42	17.49	17.47		
10	256QAM	25	12	17.46	17.43	17.43	19	4.6
10	256QAM	25	25	17.46	17.40	17.39		
10	256QAM	50	0	17.43	17.39	17.35		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.39	22.46	22.42		
5	QPSK	1	12	22.40	22.46	22.38	23.6	0
5	QPSK	1	24	22.31	22.41	22.39		
5	QPSK	12	0	21.30	21.35	21.30		
5	QPSK	12	7	21.38	21.34	21.32	23	0.6
5	QPSK	12	13	21.29	21.30	21.34		
5	QPSK	25	0	21.31	21.32	21.33		
5	16QAM	1	0	21.63	21.74	21.78		
5	16QAM	1	12	21.63	21.75	21.67	23	0.6
5	16QAM	1	24	21.81	21.71	21.58		
5	16QAM	12	0	20.25	20.35	20.36		
5	16QAM	12	7	20.26	20.33	20.29	22	1.6
5	16QAM	12	13	20.37	20.28	20.30		
5	16QAM	25	0	20.39	20.32	20.36		
5	64QAM	1	0	20.52	20.56	20.49		
5	64QAM	1	12	20.47	20.46	20.48	22	1.6
5	64QAM	1	24	20.42	20.55	20.52		
5	64QAM	12	0	19.44	19.31	19.31		
5	64QAM	12	7	19.31	19.44	19.33	21	2.6
5	64QAM	12	13	19.31	19.37	19.33		
5	64QAM	25	0	19.28	19.28	19.41		
5	256QAM	1	0	17.41	17.49	17.39		
5	256QAM	1	12	17.36	17.46	17.48	19	4.6
5	256QAM	1	24	17.47	17.40	17.38		
5	256QAM	12	0	17.46	17.44	17.44		
5	256QAM	12	7	17.42	17.45	17.42	19	4.6
5	256QAM	12	13	17.45	17.40	17.37		
5	256QAM	25	0	17.35	17.42	17.37		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.39	22.43	22.44		
3	QPSK	1	8	22.38	22.46	22.35	23.6	0
3	QPSK	1	14	22.41	22.43	22.39		
3	QPSK	8	0	21.34	21.39	21.28		
3	QPSK	8	4	21.37	21.38	21.23	23	0.6
3	QPSK	8	7	21.27	21.28	21.27		
3	QPSK	15	0	21.29	21.31	21.34		
3	16QAM	1	0	21.60	21.68	21.73		
3	16QAM	1	8	21.68	21.80	21.75	23	0.6
3	16QAM	1	14	21.74	21.77	21.66		
3	16QAM	8	0	20.24	20.38	20.31		
3	16QAM	8	4	20.33	20.34	20.27	22	1.6
3	16QAM	8	7	20.35	20.38	20.36		
3	16QAM	15	0	20.34	20.39	20.32		
3	64QAM	1	0	20.44	20.50	20.52		
3	64QAM	1	8	20.42	20.53	20.49	22	1.6
3	64QAM	1	14	20.42	20.64	20.53		
3	64QAM	8	0	19.35	19.37	19.30		
3	64QAM	8	4	19.32	19.37	19.35	21	2.6
3	64QAM	8	7	19.30	19.39	19.34		
3	64QAM	15	0	19.30	19.31	19.34		
3	256QAM	1	0	17.45	17.53	17.42		
3	256QAM	1	8	17.38	17.43	17.42	19	4.6
3	256QAM	1	14	17.39	17.48	17.36		
3	256QAM	8	0	17.36	17.41	17.37		
3	256QAM	8	4	17.45	17.42	17.41	19	4.6
3	256QAM	8	7	17.35	17.50	17.43		
3	256QAM	15	0	17.40	17.47	17.37		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.30	22.44	22.29		
1.4	QPSK	1	3	22.27	22.33	22.36		
1.4	QPSK	1	5	22.27	22.33	22.34	23.6	0
1.4	QPSK	3	0	22.30	22.44	22.28		
1.4	QPSK	3	1	22.29	22.33	22.29		
1.4	QPSK	3	3	22.28	22.40	22.33		
1.4	QPSK	6	0	21.29	21.31	21.24	23	0.6
1.4	16QAM	1	0	21.30	21.33	21.28		
1.4	16QAM	1	3	21.29	21.33	21.31		
1.4	16QAM	1	5	21.24	21.32	21.22	23	0.6
1.4	16QAM	3	0	21.53	21.64	21.66		
1.4	16QAM	3	1	21.64	21.69	21.62		
1.4	16QAM	3	3	21.70	21.70	21.57		
1.4	16QAM	6	0	20.26	20.29	20.23	22	1.6
1.4	64QAM	1	0	20.30	20.30	20.20		
1.4	64QAM	1	3	20.31	20.26	20.21		
1.4	64QAM	1	5	20.29	20.24	20.20	22	1.6
1.4	64QAM	3	0	20.48	20.45	20.35		
1.4	64QAM	3	1	20.42	20.39	20.34		
1.4	64QAM	3	3	20.32	20.48	20.46		
1.4	64QAM	6	0	19.20	19.29	19.30	21	2.6
1.4	256QAM	1	0	17.34	17.39	17.38		
1.4	256QAM	1	3	17.33	17.39	17.35		
1.4	256QAM	1	5	17.40	17.36	17.36	19	4.6
1.4	256QAM	3	0	17.34	17.40	17.40		
1.4	256QAM	3	1	17.33	17.41	17.33		
1.4	256QAM	3	3	17.39	17.42	17.30		
1.4	256QAM	6	0	17.38	17.35	17.30	19	4.6

Band 4 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.42	21.49	21.36		
20	QPSK	1	49	21.39	21.39	21.40	22.7	0
20	QPSK	1	99	21.37	21.44	21.43		
20	QPSK	50	0	21.33	21.47	21.34		
20	QPSK	50	24	21.37	21.39	21.44	22.7	0
20	QPSK	50	50	21.38	21.41	21.40		
20	QPSK	100	0	21.36	21.45	21.35		
20	16QAM	1	0	21.38	21.40	21.36		
20	16QAM	1	49	21.43	21.44	21.41	22.7	0
20	16QAM	1	99	21.38	21.38	21.41		
20	16QAM	50	0	20.21	20.38	20.26		
20	16QAM	50	24	20.30	20.34	20.27	22	0.7
20	16QAM	50	50	20.39	20.30	20.29		
20	16QAM	100	0	20.35	20.38	20.27		
20	64QAM	1	0	20.46	20.47	20.50		
20	64QAM	1	49	20.47	20.53	20.42	22	0.7
20	64QAM	1	99	20.44	20.60	20.57		
20	64QAM	50	0	19.44	19.30	19.35		
20	64QAM	50	24	19.31	19.37	19.44	21	1.7
20	64QAM	50	50	19.35	19.38	19.32		
20	64QAM	100	0	19.30	19.25	19.40		
20	256QAM	1	0	17.39	17.42	17.44		
20	256QAM	1	49	17.45	17.45	17.43	19	3.7
20	256QAM	1	99	17.45	17.38	17.45		
20	256QAM	50	0	17.38	17.44	17.44		
20	256QAM	50	24	17.45	17.46	17.44	19	3.7
20	256QAM	50	50	17.47	17.47	17.44		
20	256QAM	100	0	17.41	17.39	17.45		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.42	21.34	21.38		
15	QPSK	1	37	21.42	21.33	21.36	22.7	0
15	QPSK	1	74	21.33	21.40	21.37		
15	QPSK	36	0	21.44	21.34	21.33		
15	QPSK	36	20	21.40	21.37	21.37	22.7	0
15	QPSK	36	39	21.36	21.44	21.33		
15	QPSK	75	0	21.39	21.36	21.35		
15	16QAM	1	0	21.33	21.39	21.36		
15	16QAM	1	37	21.44	21.39	21.40	22.7	0
15	16QAM	1	74	21.33	21.42	21.42		
15	16QAM	36	0	20.23	20.31	20.22		
15	16QAM	36	20	20.22	20.26	20.31	22	0.7
15	16QAM	36	39	20.32	20.33	20.20		
15	16QAM	75	0	20.33	20.29	20.29		
15	64QAM	1	0	20.45	20.50	20.35		
15	64QAM	1	37	20.37	20.45	20.37	22	0.7
15	64QAM	1	74	20.33	20.57	20.46		
15	64QAM	36	0	19.35	19.32	19.25		
15	64QAM	36	20	19.35	19.33	19.36	21	1.7
15	64QAM	36	39	19.30	19.38	19.23		
15	64QAM	75	0	19.23	19.30	19.27		
15	256QAM	1	0	17.37	17.38	17.37		
15	256QAM	1	37	17.35	17.37	17.34	19	3.7
15	256QAM	1	74	17.32	17.39	17.36		
15	256QAM	36	0	17.35	17.36	17.39		
15	256QAM	36	20	17.38	17.37	17.38	19	3.7
15	256QAM	36	39	17.31	17.37	17.31		
15	256QAM	75	0	17.34	17.41	17.29		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.33	21.34	21.40		
10	QPSK	1	25	21.41	21.42	21.41	22.7	0
10	QPSK	1	49	21.39	21.43	21.42		
10	QPSK	25	0	21.33	21.36	21.39		
10	QPSK	25	12	21.42	21.38	21.39	22.7	0
10	QPSK	25	25	21.40	21.34	21.42		
10	QPSK	50	0	21.39	21.44	21.33		
10	16QAM	1	0	21.44	21.43	21.35		
10	16QAM	1	25	21.40	21.43	21.43	22.7	0
10	16QAM	1	49	21.43	21.36	21.35		
10	16QAM	25	0	20.25	20.38	20.30		
10	16QAM	25	12	20.20	20.30	20.20	22	0.7
10	16QAM	25	25	20.28	20.24	20.28		
10	16QAM	50	0	20.28	20.26	20.22		
10	64QAM	1	0	20.39	20.41	20.40		
10	64QAM	1	25	20.43	20.37	20.35	22	0.7
10	64QAM	1	49	20.34	20.54	20.44		
10	64QAM	25	0	19.35	19.39	19.23		
10	64QAM	25	12	19.25	19.39	19.30	21	1.7
10	64QAM	25	25	19.24	19.34	19.20		
10	64QAM	50	0	19.27	19.26	19.34		
10	256QAM	1	0	17.33	17.44	17.32		
10	256QAM	1	25	17.30	17.46	17.42	19	3.7
10	256QAM	1	49	17.41	17.38	17.40		
10	256QAM	25	0	17.37	17.36	17.40		
10	256QAM	25	12	17.30	17.40	17.34	19	3.7
10	256QAM	25	25	17.30	17.38	17.32		
10	256QAM	50	0	17.38	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	21.41	21.38	21.43		
5	QPSK	1	12	21.43	21.38	21.41	22.7	0
5	QPSK	1	24	21.40	21.45	21.32		
5	QPSK	12	0	21.33	21.36	21.40		
5	QPSK	12	7	21.37	21.40	21.35	22.7	0
5	QPSK	12	13	21.38	21.37	21.37		
5	QPSK	25	0	21.34	21.40	21.41		
5	16QAM	1	0	21.43	21.34	21.37		
5	16QAM	1	12	21.43	21.43	21.43	22.7	0
5	16QAM	1	24	21.38	21.44	21.42		
5	16QAM	12	0	20.17	20.31	20.19		
5	16QAM	12	7	20.24	20.26	20.19	22	0.7
5	16QAM	12	13	20.32	20.34	20.21		
5	16QAM	25	0	20.23	20.32	20.29		
5	64QAM	1	0	20.44	20.52	20.43		
5	64QAM	1	12	20.44	20.43	20.40	22	0.7
5	64QAM	1	24	20.32	20.56	20.51		
5	64QAM	12	0	19.33	19.31	19.22		
5	64QAM	12	7	19.20	19.34	19.28	21	1.7
5	64QAM	12	13	19.26	19.34	19.26		
5	64QAM	25	0	19.24	19.24	19.30		
5	256QAM	1	0	17.38	17.41	17.40		
5	256QAM	1	12	17.34	17.45	17.43	19	3.7
5	256QAM	1	24	17.35	17.41	17.32		
5	256QAM	12	0	17.31	17.41	17.41		
5	256QAM	12	7	17.30	17.33	17.41	19	3.7
5	256QAM	12	13	17.29	17.34	17.33		
5	256QAM	25	0	17.30	17.33	17.39		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.38	21.44	21.42		
3	QPSK	1	8	21.41	21.34	21.41	22.7	0
3	QPSK	1	14	21.38	21.34	21.39		
3	QPSK	8	0	21.36	21.33	21.33		
3	QPSK	8	4	21.42	21.41	21.34	22.7	0
3	QPSK	8	7	21.35	21.44	21.38		
3	QPSK	15	0	21.42	21.33	21.38		
3	16QAM	1	0	21.40	21.36	21.44		
3	16QAM	1	8	21.35	21.35	21.40	22.7	0
3	16QAM	1	14	21.41	21.36	21.43		
3	16QAM	8	0	20.23	20.28	20.29		
3	16QAM	8	4	20.30	20.30	20.21	22	0.7
3	16QAM	8	7	20.25	20.28	20.27		
3	16QAM	15	0	20.25	20.29	20.28		
3	64QAM	1	0	20.45	20.51	20.40		
3	64QAM	1	8	20.45	20.44	20.37	22	0.7
3	64QAM	1	14	20.32	20.55	20.48		
3	64QAM	8	0	19.38	19.33	19.26		
3	64QAM	8	4	19.20	19.40	19.31	21	1.7
3	64QAM	8	7	19.25	19.36	19.28		
3	64QAM	15	0	19.20	19.21	19.29		
3	256QAM	1	0	17.40	17.47	17.35		
3	256QAM	1	8	17.32	17.46	17.45	19	3.7
3	256QAM	1	14	17.33	17.37	17.39		
3	256QAM	8	0	17.34	17.32	17.36		
3	256QAM	8	4	17.36	17.39	17.34	19	3.7
3	256QAM	8	7	17.30	17.39	17.35		
3	256QAM	15	0	17.40	17.33	17.30		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.38	21.37	21.41		
1.4	QPSK	1	3	21.36	21.38	21.37		
1.4	QPSK	1	5	21.39	21.33	21.40	22.7	0
1.4	QPSK	3	0	21.34	21.41	21.33		
1.4	QPSK	3	1	21.42	21.45	21.36		
1.4	QPSK	3	3	21.34	21.44	21.38		
1.4	QPSK	6	0	21.36	21.44	21.36	22.7	0
1.4	16QAM	1	0	21.34	21.39	21.40		
1.4	16QAM	1	3	21.43	21.34	21.42		
1.4	16QAM	1	5	21.41	21.43	21.43	22.7	0
1.4	16QAM	3	0	21.43	21.41	21.35		
1.4	16QAM	3	1	21.37	21.44	21.41		
1.4	16QAM	3	3	21.38	21.44	21.44		
1.4	16QAM	6	0	20.23	20.25	20.22	22	0.7
1.4	64QAM	1	0	20.24	20.34	20.21		
1.4	64QAM	1	3	20.28	20.32	20.24		
1.4	64QAM	1	5	20.33	20.18	20.16	22	0.7
1.4	64QAM	3	0	20.50	20.50	20.35		
1.4	64QAM	3	1	20.41	20.43	20.38		
1.4	64QAM	3	3	20.31	20.50	20.45		
1.4	64QAM	6	0	19.17	19.28	19.25	21	1.7
1.4	256QAM	1	0	17.37	17.44	17.37		
1.4	256QAM	1	3	17.38	17.34	17.34		
1.4	256QAM	1	5	17.38	17.40	17.31	19	3.7
1.4	256QAM	3	0	17.32	17.42	17.43		
1.4	256QAM	3	1	17.31	17.44	17.29		
1.4	256QAM	3	3	17.35	17.37	17.34		
1.4	256QAM	6	0	17.38	17.34	17.34	19	3.7

Band 7 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.67	20.70	20.64		
20	QPSK	1	49	20.64	20.66	20.67	21.6	0
20	QPSK	1	99	20.62	20.64	20.67		
20	QPSK	50	0	20.63	20.68	20.65		
20	QPSK	50	24	20.61	20.67	20.64	21.6	0
20	QPSK	50	50	20.66	20.59	20.63		
20	QPSK	100	0	20.65	20.67	20.62		
20	16QAM	1	0	20.60	20.63	20.65		
20	16QAM	1	49	20.63	20.61	20.62

Band 38 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.37	22.46	22.38	23.3	0
20	QPSK	1	49	22.43	22.40	22.33		
20	QPSK	1	99	22.40	22.36	22.32		
20	QPSK	50	0	21.29	21.40	21.37	23	0.3
20	QPSK	50	24	21.31	21.38	21.32		
20	QPSK	50	50	21.29	21.39	21.28		
20	QPSK	100	0	21.28	21.37	21.32		
20	16QAM	1	0	21.60	21.66	21.74	23	0.3
20	16QAM	1	49	21.72	21.82	21.67		
20	16QAM	1	99	21.74	21.76	21.61		
20	16QAM	50	0	20.25	20.37	20.30	22	1.3
20	16QAM	50	24	20.24	20.31	20.26		
20	16QAM	50	50	20.27	20.28	20.27		
20	16QAM	100	0	20.31	20.34	20.29		
20	64QAM	1	0	20.51	20.57	20.47	22	1.3
20	64QAM	1	49	20.40	20.43	20.44		
20	64QAM	1	99	20.37	20.56	20.59		
20	64QAM	50	0	19.40	19.39	19.32	21	2.3
20	64QAM	50	24	19.34	19.44	19.41		
20	64QAM	50	50	19.32	19.35	19.28		
20	64QAM	100	0	19.30	19.26	19.40		
20	256QAM	1	0	17.44	17.41	17.34	19	4.3
20	256QAM	1	49	17.40	17.46	17.41		
20	256QAM	1	99	17.42	17.45	17.34		
20	256QAM	50	0	17.41	17.44	17.36	19	4.3
20	256QAM	50	24	17.44	17.41	17.36		
20	256QAM	50	50	17.44	17.44	17.45		
20	256QAM	100	0	17.41	17.46	17.43		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.37	22.45	22.35	23.3	0
15	QPSK	1	37	22.32	22.41	22.36		
15	QPSK	1	74	22.32	22.37	22.41		
15	QPSK	36	0	21.35	21.39	21.30	23	0.3
15	QPSK	36	20	21.37	21.40	21.23		
15	QPSK	36	39	21.29	21.36	21.37		
15	QPSK	75	0	21.29	21.38	21.31		
15	16QAM	1	0	21.66	21.73	21.66	23	0.3
15	16QAM	1	37	21.72	21.76	21.68		
15	16QAM	1	74	21.71	21.72	21.59		
15	16QAM	36	0	20.23	20.41	20.34	22	1.3
15	16QAM	36	20	20.33	20.32	20.29		
15	16QAM	36	39	20.28	20.34	20.23		
15	16QAM	75	0	20.32	20.31	20.33		
15	64QAM	1	0	20.50	20.48	20.44	22	1.3
15	64QAM	1	37	20.42	20.46	20.41		
15	64QAM	1	74	20.38	20.55	20.57		
15	64QAM	36	0	19.37	19.35	19.28	21	2.3
15	64QAM	36	20	19.27	19.45	19.43		
15	64QAM	36	39	19.30	19.33	19.26		
15	64QAM	75	0	19.31	19.25	19.43		
15	256QAM	1	0	17.46	17.47	17.38	19	4.3
15	256QAM	1	37	17.43	17.44	17.42		
15	256QAM	1	74	17.35	17.41	17.45		
15	256QAM	36	0	17.41	17.42	17.44	19	4.3
15	256QAM	36	20	17.37	17.40	17.39		
15	256QAM	36	39	17.35	17.41	17.42		
15	256QAM	75	0	17.36	17.43	17.46		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.42	22.42	22.36	23.3	0
10	QPSK	1	25	22.38	22.42	22.39		
10	QPSK	1	49	22.39	22.35	22.37		
10	QPSK	25	0	21.34	21.43	21.27	23	0.3
10	QPSK	25	12	21.27	21.34	21.32		
10	QPSK	25	25	21.35	21.34	21.37		
10	QPSK	50	0	21.29	21.36	21.33		
10	16QAM	1	0	21.63	21.76	21.71	23	0.3
10	16QAM	1	25	21.70	21.74	21.68		
10	16QAM	1	49	21.78	21.77	21.65		
10	16QAM	25	0	20.23	20.33	20.28	22	1.3
10	16QAM	25	12	20.27	20.37	20.25		
10	16QAM	25	25	20.31	20.33	20.25		
10	16QAM	50	0	20.29	20.38	20.30		
10	64QAM	1	0	20.52	20.57	20.49	22	1.3
10	64QAM	1	25	20.51	20.46	20.44		
10	64QAM	1	49	20.35	20.54	20.59		
10	64QAM	25	0	19.42	19.35	19.26	21	2.3
10	64QAM	25	12	19.31	19.34	19.44		
10	64QAM	25	25	19.24	19.41	19.29		
10	64QAM	50	0	19.33	19.35	19.34		
10	256QAM	1	0	17.41	17.47	17.36	19	4.3
10	256QAM	1	25	17.41	17.44	17.48		
10	256QAM	1	49	17.45	17.48	17.45		
10	256QAM	25	0	17.41	17.40	17.38	19	4.3
10	256QAM	25	12	17.34	17.46	17.42		
10	256QAM	25	25	17.37	17.40	17.35		
10	256QAM	50	0	17.44	17.45	17.36		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.40	22.43	22.36	23.3	0
5	QPSK	1	12	22.34	22.42	22.37		
5	QPSK	1	24	22.34	22.37	22.36		
5	QPSK	12	0	21.26	21.38	21.35	23	0.3
5	QPSK	12	7	21.30	21.39	21.26		
5	QPSK	12	13	21.34	21.41	21.31		
5	QPSK	25	0	21.24	21.39	21.35		
5	16QAM	1	0	21.57	21.66	21.75	23	0.3
5	16QAM	1	12	21.72	21.81	21.71		
5	16QAM	1	24	21.71	21.74	21.58		
5	16QAM	12	0	20.29	20.44	20.26	22	1.3
5	16QAM	12	7	20.27	20.28	20.26		
5	16QAM	12	13	20.33	20.28	20.34		
5	16QAM	25	0	20.32	20.32	20.24		
5	64QAM	1	0	20.48	20.49	20.45	22	1.3
5	64QAM	1	12	20.44	20.44	20.50		
5	64QAM	1	24	20.32	20.61	20.56		
5	64QAM	12	0	19.44	19.38	19.31	21	2.3
5	64QAM	12	7	19.29	19.46	19.40		
5	64QAM	12	13	19.26	19.32	19.32		
5	64QAM	25	0	19.30	19.30	19.38		
5	256QAM	1	0	17.42	17.51	17.44	19	4.3
5	256QAM	1	12	17.45	17.47	17.51		
5	256QAM	1	24	17.40	17.43	17.44		
5	256QAM	12	0	17.41	17.49	17.43	19	4.3
5	256QAM	12	7	17.37	17.48	17.44		
5	256QAM	12	13	17.41	17.47	17.44		
5	256QAM	25	0	17.42	17.46	17.39		

Band 41 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.36	22.42	22.49	22.45	22.41	23.3	0
20	QPSK	1	49	22.39	22.42	22.31	22.45	22.36		
20	QPSK	1	99	22.31	22.45	22.40	22.46	22.42		
20	QPSK	50	0	21.29	21.39	21.45	21.35	21.34	23	0.3
20	QPSK	50	24	21.31	21.34	21.30	21.34	21.26		
20	QPSK	50	50	21.33	21.31	21.33	21.38	21.32		
20	QPSK	100	0	21.34	21.38	21.41	21.30	21.32		
20	16QAM	1	0	21.56	21.67	21.59	21.76	21.77	23	0.3
20	16QAM	1	49	21.67	21.83	21.74	21.77	21.67		
20	16QAM	1	99	21.72	21.71	21.77	21.78	21.67		
20	16QAM	50	0	20.29	20.45	20.25	20.43	20.30	22	1.3
20	16QAM	50	24	20.26	20.30	20.27	20.31	20.25		
20	16QAM	50	50	20.35	20.28	20.32	20.28	20.25		
20	16QAM	100	0	20.36	20.35	20.30	20.37	20.35		
20	64QAM	1	0	20.44	20.53	20.48	20.51	20.41	22	1.3
20	64QAM	1	49	20.50	20.48	20.43	20.44	20.43		
20	64QAM	1	99	20.36	20.59	20.43	20.54	20.56		
20	64QAM	50	0	19.39	19.33	19.41	19.34	19.27	21	2.3
20	64QAM	50	24	19.33	19.38	19.29	19.36	19.32		
20	64QAM	50	50	19.34	19.38	19.33	19.40	19.24		
20	64QAM	100	0	19.35	19.33	19.24	19.30	19.33		
20	256QAM	1	0	17.38	17.45	17.41	17.53	17.44	19	4.3
20	256QAM	1	49	17.36	17.44	17.41	17.50	17.48		
20	256QAM	1	99	17.42	17.43	17.36	17.42	17.35		
20	256QAM	50	0	17.36	17.41	17.45	17.42	17.43	19	4.3
20	256QAM	50	24	17.43	17.39	17.44	17.48	17.40		
20	256QAM	50	50	17.37	17.43	17.39	17.46	17.44		
20	256QAM	100	0	17.39	17.47	17.44	17.41	17.46		
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	22.44	22.48	22.43	22.44	22.39	23	0
15	QPSK	1	37	22.32	22.37	22.33	22.42	22.35		
15	QPSK	1	74	22.33	22.39	22.32	22.45	22.33		
15	QPSK	36	0	21.27	21.39	21.37	21.33	21.26	23	0.3
15	QPSK	36	20	21.34	21.35	21.37	21.37	21.28		
15	QPSK	36	39	21.33	21.39	21.27	21.31	21.38		
15	QPSK	75	0	21.32	21.29	21.27	21.35	21.35		
15	16QAM	1	0	21.57	21.66	21.59	21.69	21.77	23	0.3
15	16QAM	1	37	21.71	21.77	21.70	21.75	21.68		
15	16QAM	1	74	21.72	21.76	21.75	21.73	21.61		
15	16QAM	36	0	20.29	20.34	20.27	20.45	20.34	22	1.3
15	16QAM	36	20	20.26	20.28	20.31	20.29	20.30		
15	16QAM	36	39	20.37	20.34	20.39	20.30	20.34		
15	16QAM	75	0	20.35	20.39	20.32	20.29	20.35		
15	64QAM	1	0	20.48	20.50	20.49	20.53	20.50	22	1.3
15	64QAM	1	37	20.43	20.42	20.45	20.49	20.48		
15	64QAM	1	74	20.33	20.59	20.32	20.51	20.57		
15	64QAM	36	0	19.38	19.29	19.43	19.32	19.25	21	2.3
15	64QAM	36	20	19.31	19.44	19.34	19.36	19.40		
15	64QAM	36	39	19.28	19.42	19.27	19.44	19.31		
15	64QAM	75	0	19.33	19.34	19.26	19.32	19.42		
15	256QAM	1	0	17.40	17.42	17.44	17.42	17.34	19	4.3
15	256QAM	1	37	17.45	17.44	17.42	17.47	17.48		
15	256QAM	1	74	17.41	17.49	17.42	17.49	17.35		
15	256QAM	36	0	17.37	17.48	17.37	17.38	17.45	19	4.3
15	256QAM	36	20	17.44	17.43	17.36	17.46	17.45		
15	256QAM	36	39	17.43	17.39	17.37	17.39	17.41		
15	256QAM	75	0	17.44	17.49	17.36	17.40	17.35		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.37	22.46	22.37	22.44	22.35	23	0
10	QPSK	1	25	22.35	22.45	22.34	22.47	22.33		
10	QPSK	1	49	22.39	22.37	22.35	22.46	22.36		
10	QPSK	25	0	21.26	21.33	21.30	21.42	21.35	23	0.3
10	QPSK	25	12	21.31	21.31	21.36	21.36	21.22		
10	QPSK	25	25	21.27	21.39	21.37	21.39	21.27		
10	QPSK	50	0	21.28	21.32	21.29	21.30	21.33		
10	16QAM	1	0	21.61	21.72	21.55	21.74	21.75	23	0.3
10	16QAM	1	25	21.66	21.83	21.64	21.82	21.71		
10	16QAM	1	49	21.72	21.80	21.75	21.78	21.58		
10	16QAM	25	0	20.28	20.34	20.30	20.37	20.27	22	1.3
10	16QAM	25	12	20.24	20.37	20.33	20.37	20.36		
10	16QAM	25	25	20.36	20.35	20.28	20.35	20.31		
10	16QAM	50	0	20.31	20.34	20.37	20.40	20.29		
10	64QAM	1	0	20.51	20.48	20.43	20.58	20.45	22	1.3
10	64QAM	1	25	20.52	20.46	20.44	20.51	20.43		
10	64QAM	1	49	20.43	20.62	20.38	20.53	20.56		
10	64QAM	25	0	19.44	19.37	19.43	19.38	19.33	21	2.3
10	64QAM	25	12	19.33	19.42	19.32	19.45	19.42		
10	64QAM	25	25	19.26	19.42	19.26	19.40	19.35		
10	64QAM	50	0	19.32	19.24	19.36	19.30	19.37		
10	256QAM	1	0	17.45	17.45	17.43	17.51	17.46	19	4.3
10	256QAM	1	25	17.37	17.49	17.40	17.49	17.50		
10	256QAM	1	49	17.41	17.48	17.40	17.38	17.42		
10	256QAM	25	0	17.43	17.48	17.42	17.40	17.37	19	4.3
10	256QAM	25	12	17.37	17.39	17.36	17.42	17.38		
10	256QAM	25	25	17.37	17.45	17.36	17.48	17.43		
10	256QAM	50	0	17.38	17.45	17.35	17.41	17.40		
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	22.38	22.45	22.37	22.48	22.43	23	0
5	QPSK	1	12	22.38	22.47	22.37	22.43	22.34		
5	QPSK	1	24	22.32	22.45	22.42	22.40	22.40		
5	QPSK	12	0	21.31	21.40	21.38	21.33	21.36	23	0.3
5	QPSK	12	7	21.26	21.29	21.35	21.32	21.23		
5	QPSK	12	13	21.37	21.39	21.37	21.38	21.26		
5	QPSK	25	0	21.24	21.32	21.31	21.34	21.35		
5	16QAM	1	0	21.60	21.70	21.65	21.75	21.69	23	0.3
5	16QAM	1	12	21.67	21.73	21.63	21.81	21.62		
5	16QAM	1	24	21.75	21.71	21.76	21.76	21.59		
5	16QAM	12	0	20.31	20.44	20.23	20.34	20.25	22	1.3
5	16QAM	12	7	20.36	20.36	20.26	20.30	20.27		
5	16QAM	12	13	20.28	20.37	20.30	20.35	20.34		
5	16QAM	25	0	20.38	20.39	20.34	20.34	20.27		
5	64QAM	1	0	20.45	20.48	20.45	20.48	20.47	22	1.3
5	64QAM	1	12	20.46	20.45	20.49	20.47	20.49		
5	64QAM	1	24	20.41	20.57	20.36	20.54	20.54		
5	64QAM	12	0	19.38	19.34	19.36	19.28	19.31	21	2.3
5	64QAM	12	7	19.35	19.41	19.26	19.39	19.39		
5	64QAM	12	13	19.28	19.35	19.30	19.39	19.26		
5	64QAM	25	0	19.29	19.30	19.34	19.32	19.32		
5	256QAM	1	0	17.43	17.41	17.45	17.46	17.37	19	4.3
5	256QAM	1	12	17.43	17.42	17.39	17.43	17.46		
5	256QAM	1	24	17.37	17.39	17.42	17.37	17.46		
5	256QAM	12	0	17.42	17.40	17.41	17.45	17.40	19	4.3
5	256QAM	12	7	17.37	17.44	17.45	17.44	17.41		
5	256QAM	12	13	17.37	17.46	17.35	17.46	17.39		
5	256QAM	25	0	17.44	17.48	17.42	17.42	17.45		

Band 2 Ant9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.05	20.08	20.02	21.2	0
20	QPSK	1	49	19.93	20.01	19.94		
20	QPSK	1	99	19.94	19.95	19.97		
20	QPSK	50	0	20.05	20.07	20.01		
20	QPSK	50	24	20.01	20.01	20.00	21.2	0
20	QPSK	50	50	19.99	19.99	20.01		
20	QPSK	100	0	20.00	20.02	19.97		
20	16QAM	1	0	19.94	19.96	19.94		
20	16QAM	1	49	19.98	20.05	19.93	21.2	0
20	16QAM	1	99	19.94	20.03	19.98		
20	16QAM	50	0	20.02	20.06	19.97		
20	16QAM	50	24	19.99	19.99	19.97	21.2	0
20	16QAM	50	50	20.01	19.96	19.96		
20	16QAM	100	0	19.98	20.06	19.99		
20	64QAM	1	0	20.05	20.05	20.03		
20	64QAM	1	49	20.01	20.04	20.01	21.2	0
20	64QAM	1	99	19.98	19.98	19.95		
20	64QAM	50	0	19.50	19.35	19.39		
20	64QAM	50	24	19.30	19.43	19.40	21	0.2
20	64QAM	50	50	19.38	19.40	19.41		
20	64QAM	100	0	19.29	19.35	19.47		
20	256QAM	1	0	17.44	17.48	17.47		
20	256QAM	1	49	17.46	17.54	17.49	19	2.2
20	256QAM	1	99	17.49	17.48	17.41		
20	256QAM	50	0	17.41	17.52	17.39		
20	256QAM	50	24	17.50	17.52	17.43	19	2.2
20	256QAM	50	50	17.50	17.50	17.46		
20	256QAM	100	0	17.50	17.54	17.42		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.98	19.97	19.89		
15	QPSK	1	37	19.89	19.91	19.92	21.2	0
15	QPSK	1	74	19.87	20.00	19.95		
15	QPSK	36	0	19.97	19.88	19.91		
15	QPSK	36	20	19.88	19.96	19.98	21.2	0
15	QPSK	36	39	19.87	19.91	19.93		
15	QPSK	75	0	19.94	19.93	19.91		
15	16QAM	1	0	19.92	19.88	19.91		
15	16QAM	1	37	19.91	19.92	19.97	21.2	0
15	16QAM	1	74	19.98	19.95	19.89		
15	16QAM	36	0	19.95	19.98	19.88		
15	16QAM	36	20	19.97	19.99	19.88	21.2	0
15	16QAM	36	39	19.91	19.96	19.96		
15	16QAM	75	0	19.92	19.99	19.93		
15	64QAM	1	0	19.88	19.97	19.88		
15	64QAM	1	37	19.94	19.99	19.98	21.2	0
15	64QAM	1	74	19.93	19.96	19.95		
15	64QAM	36	0	19.40	19.37	19.28		
15	64QAM	36	20	19.27	19.37	19.43	21	0.2
15	64QAM	36	39	19.30	19.41	19.35		
15	64QAM	75	0	19.36	19.32	19.34		
15	256QAM	1	0	17.35	17.49	17.40		
15	256QAM	1	37	17.39	17.46	17.48	19	2.2
15	256QAM	1	74	17.39	17.47	17.41		
15	256QAM	36	0	17.45	17.38	17.43		
15	256QAM	36	20	17.37	17.45	17.41	19	2.2
15	256QAM	36	39	17.38	17.38	17.36		
15	256QAM	75	0	17.43	17.44	17.41		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.88	19.96	19.92		
10	QPSK	1	25	19.91	19.98	19.89	21.2	0
10	QPSK	1	49	19.94	20.00	19.95		
10	QPSK	25	0	19.98	19.98	19.98		
10	QPSK	25	12	19.96	19.97	19.88	21.2	0
10	QPSK	25	25	19.91	19.94	19.89		
10	QPSK	50	0	19.95	20.00	19.92		
10	16QAM	1	0	19.95	19.97	19.93		
10	16QAM	1	25	19.88	19.91	19.95	21.2	0
10	16QAM	1	49	19.94	19.95	19.95		
10	16QAM	25	0	19.99	19.92	19.87		
10	16QAM	25	12	19.98	19.99	19.93	21.2	0
10	16QAM	25	25	19.98	19.89	19.89		
10	16QAM	50	0	19.91	19.95	19.97		
10	64QAM	1	0	19.98	19.93	19.99		
10	64QAM	1	25	19.88	19.92	19.92	21.2	0
10	64QAM	1	49	19.98	19.91	19.90		
10	64QAM	25	0	19.35	19.29	19.30		
10	64QAM	25	12	19.34	19.40	19.34	21	0.2
10	64QAM	25	25	19.32	19.42	19.25		
10	64QAM	50	0	19.30	19.31	19.41		
10	256QAM	1	0	17.45	17.42	17.42		
10	256QAM	1	25	17.41	17.40	17.45	19	2.2
10	256QAM	1	49	17.41	17.48	17.44		
10	256QAM	25	0	17.34	17.48	17.40		
10	256QAM	25	12	17.42	17.39	17.36	19	2.2
10	256QAM	25	25	17.38	17.39	17.39		
10	256QAM	50	0	17.34	17.41	17.40		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.89	19.99	19.95		
5	QPSK	1	12	19.93	19.91	19.94	21.2	0
5	QPSK	1	24	19.91	19.90	19.97		
5	QPSK	12	0	19.92	19.90	19.88		
5	QPSK	12	7	19.98	19.99	19.89	21.2	0
5	QPSK	12	13	19.90	19.93	19.95		
5	QPSK	25	0	19.99	20.01	19.98		
5	16QAM	1	0	19.90	19.90	19.88		
5	16QAM	1	12	19.95	19.97	19.91	21.2	0
5	16QAM	1	24	19.98	19.94	19.97		
5	16QAM	12	0	19.98	19.96	19.94		
5	16QAM	12	7	19.93	19.99	19.91	21.2	0
5	16QAM	12	13	19.96	19.96	19.94		
5	16QAM	25	0	19.95	19.92	19.92		
5	64QAM	1	0	19.90	19.95	19.95		
5	64QAM	1	12	19.89	19.95	19.93	21.2	0
5	64QAM	1	24	19.97	19.90	19.92		
5	64QAM	12	0	19.35	19.30	19.32	21	0.2
5	64QAM	12	7	19.25	19.34	19.41		
5	64QAM	12	13	19.30	19.38	19.25		
5	64QAM	25	0	19.25	19.31	19.37		
5	256QAM	1	0	17.42	17.41	17.41		
5	256QAM	1	12	17.45	17.46	17.49	19	2.2
5	256QAM	1	24	17.38	17.48	17.45		
5	256QAM	12	0	17.44	17.45	17.46		
5	256QAM	12	7	17.44	17.39	17.35	19	2.2
5	256QAM	12	13	17.39	17.37	17.37		
5	256QAM	25	0	17.40	17.46	17.35		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.88	19.95	19.88		
3	QPSK	1	8	19.96	19.98	19.97	21.2	0
3	QPSK	1	14	19.91	19.89	19.87		
3	QPSK	8	0	19.92	19.90	19.94		
3	QPSK	8	4	19.95	19.98	19.97	21.2	0
3	QPSK	8	7	19.95	19.94	19.95		
3	QPSK	15	0	19.91	20.00	19.98		
3	16QAM	1	0	19.99	19.98	19.90		
3	16QAM	1	8	19.89	19.97	19.95	21.2	0
3	16QAM	1	14	19.97	19.97	19.93		
3	16QAM	8	0	19.98	19.91	19.87		
3	16QAM	8	4	19.99	19.91	19.94	21.2	0
3	16QAM	8	7	19.89	19.95	19.96		
3	16QAM	15	0	19.98	19.94	19.91		
3	64QAM	1	0	19.89	19.98	19.87		
3	64QAM	1	8	19.91	19.91	19.97	21.2	0
3	64QAM	1	14	19.94	19.97	19.90		
3	64QAM	8	0	19.39	19.27	19.35		
3	64QAM	8	4	19.25	19.40	19.44	21	0.2
3	64QAM	8	7	19.29	19.42	19.35		
3	64QAM	15	0	19.25	19.34	19.42		
3	256QAM	1	0	17.37	17.46	17.37		
3	256QAM	1	8	17.39	17.52	17.40	19	2.2
3	256QAM	1	14	17.36	17.43	17.43		
3	256QAM	8	0	17.45	17.48	17.43		
3	256QAM	8	4	17.41	17.41	17.39	19	2.2
3	256QAM	8	7	17.35	17.39	17.44		
3	256QAM	15	0	17.44	17.38	17.39		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.95	19.98	19.93		
1.4	QPSK	1	3	19.90	19.97	19.98		
1.4	QPSK	1	5	19.92	19.92	19.90	21.2	0
1.4	QPSK	3	0	19.89	19.92	19.92		
1.4	QPSK	3	1	19.96	19.94	19.98		
1.4	QPSK	3	3	19.92	20.00	19.89		
1.4	QPSK	6	0	19.96	19.90	19.96	21.2	0
1.4	16QAM	1	0	19.92	19.91	19.90		
1.4	16QAM	1	3	19.99	19.94	19.91		
1.4	16QAM	1	5	19.88	19.91	19.94	21.2	0
1.4	16QAM	3	0	19.98	19.92	19.91		
1.4	16QAM	3	1	19.98	19.91	19.97		
1.4	16QAM	3	3	19.92	19.93	19.97		
1.4	16QAM	6	0	19.93	19.93	19.93	21.2	0
1.4	64QAM	1	0	19.93	20.00	19.99		
1.4	64QAM	1	3	19.89	19.93	19.93		
1.4	64QAM	1	5	19.90	19.93	19.94	21.2	0
1.4	64QAM	3	0	19.87	19.97	19.89		
1.4	64QAM	3	1	19.97	20.00	19.92		
1.4	64QAM	3	3	19.89	19.92	19.88		
1.4	64QAM	6	0	19.37	19.27	19.31	21	0.2
1.4	256QAM	1	0	17.35	17.45	17.39		
1.4	256QAM	1	3	17.45	17.51	17.51		
1.4	256QAM	1	5	17.40	17.46	17.39	19	2.2
1.4	256QAM	3	0	17.44	17.38	17.36		
1.4	256QAM	3	1	17.43	17.46	17.43		
1.4	256QAM	3	3	17.34	17.43	17.41		
1.4	256QAM	6	0	17.41	17.41	17.44	19	2.2

Band 4 Ant9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.41	22.46	22.42		
20	QPSK	1	49	22.40	22.38	22.35	24	0
20	QPSK	1	99	22.36	22.41	22.41		
20	QPSK	50	0	21.33	21.42	21.32		
20	QPSK	50	24	21.35	21.36	21.32	23	1
20	QPSK	50	50	21.33	21.41	21.31		
20	QPSK	100	0	21.35	21.39	21.33		
20	16QAM	1	0	21.50	21.67	21.68		
20	16QAM	1	49	21.64	21.82	21.65	23	1
20	16QAM	1	99	21.79	21.77	21.63		
20	16QAM	50	0	20.25	20.37	20.36		
20	16QAM	50	24	20.34	20.30	20.35	22	2
20	16QAM	50	50	20.36	20.37	20.24		
20	16QAM	100	0	20.37	20.37	20.31		
20	64QAM	1	0	20.44	20.47	20.43		
20	64QAM	1	49	20.40	20.52	20.50	22	2
20	64QAM	1	99	20.33	20.42	20.38		
20	64QAM	50	0	19.41	19.30	19.30		
20	64QAM	50	24	19.25	19.46	19.36	21	3
20	64QAM	50	50	19.30	19.42	19.30		
20	64QAM	100	0	19.33	19.19	19.39		
20	256QAM	1	0	17.45	17.50	17.45		
20	256QAM	1	49	17.35	17.46	17.51	19	5
20	256QAM	1	99	17.45	17.43	17.45		
20	256QAM	50	0	17.34	17.38	17.37		
20	256QAM	50	24	17.46	17.44	17.45	19	5
20	256QAM	50	50	17.38	17.41	17.41		
20	256QAM	100	0	17.41	17.40	17.39		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.34	22.44	22.40		
15	QPSK	1	37	22.36	22.45	22.42	24	0
15	QPSK	1	74	22.34	22.43	22.31		
15	QPSK	36	0	21.35	21.37	21.29		
15	QPSK	36	20	21.27	21.36	21.29	23	1
15	QPSK	36	39	21.29	21.35	21.29		
15	QPSK	75	0	21.35	21.33	21.33		
15	16QAM	1	0	21.64	21.70	21.76		
15	16QAM	1	37	21.62	21.75	21.65	23	1
15	16QAM	1	74	21.76	21.72	21.60		
15	16QAM	36	0	20.23	20.43	20.25		
15	16QAM	36	20	20.36	20.30	20.24	22	2
15	16QAM	36	39	20.29	20.32	20.28		
15	16QAM	75	0	20.33	20.33	20.34		
15	64QAM	1	0	20.53	20.58	20.46		
15	64QAM	1	37	20.49	20.51	20.49	22	2
15	64QAM	1	74	20.41	20.56	20.53		
15	64QAM	36	0	19.40	19.35	19.24		
15	64QAM	36	20	19.30	19.40	19.36	21	3
15	64QAM	36	39	19.24	19.40	19.25		
15	64QAM	75	0	19.30	19.24	19.38		
15	256QAM	1	0	17.34	17.44	17.35		
15	256QAM	1	37	17.43	17.43	17.41	19	5
15	256QAM	1	74	17.35	17.39	17.44		
15	256QAM	36	0	17.35	17.49	17.44		
15	256QAM	36	20	17.45	17.43	17.46	19	5
15	256QAM	36	39	17.44	17.48	17.39		
15	256QAM	75	0	17.37	17.47	17.42		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.42	22.45	22.40		
10	QPSK	1	25	22.33	22.43	22.40	24	0
10	QPSK	1	49	22.35	22.41	22.39		
10	QPSK	25	0	21.27	21.41	21.37		
10	QPSK	25	12	21.36	21.34	21.26	23	1
10	QPSK	25	25	21.31	21.37	21.31		
10	QPSK	50	0	21.30	21.31	21.29		
10	16QAM	1	0	21.66	21.66	21.72		
10	16QAM	1	25	21.74	21.83	21.71	23	1
10	16QAM	1	49	21.73	21.72	21.55		
10	16QAM	25	0	20.29	20.39	20.32		
10	16QAM	25	12	20.28	20.39	20.31	22	2
10	16QAM	25	25	20.33	20.29	20.28		
10	16QAM	50	0	20.30	20.39	20.29		
10	64QAM	1	0	20.51	20.56	20.49		
10	64QAM	1	25	20.42	20.52	20.42	22	2
10	64QAM	1	49	20.42	20.53	20.50		
10	64QAM	25	0	19.44	19.35	19.27		
10	64QAM	25	12	19.28	19.29	19.37	21	3
10	64QAM	25	25	19.32	19.41	19.25		
10	64QAM	50	0	19.32	19.26	19.43		
10	256QAM	1	0	17.39	17.42	17.46		
10	256QAM	1	25	17.41	17.48	17.44	19	5
10	256QAM	1	49	17.44	17.48	17.44		
10	256QAM	25	0	17.40	17.41	17.36		
10	256QAM	25	12	17.41	17.38	17.37	19	5
10	256QAM	25	25	17.36	17.38	17.38		
10	256QAM	50	0	17.43	17.44	17.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.39	22.40	22.44		
5	QPSK	1	12	22.39	22.44	22.38	24	0
5	QPSK	1	24	22.37	22.40	22.36		
5	QPSK	12	0	21.31	21.40	21.32		
5	QPSK	12	7	21.28	21.31	21.24	23	1
5	QPSK	12	13	21.34	21.35	21.30		
5	QPSK	25	0	21.33	21.39	21.24		
5	16QAM	1	0	21.64	21.68	21.74		
5	16QAM	1	12	21.70	21.84	21.66	23	1
5	16QAM	1	24	21.74	21.79	21.58		
5	16QAM	12	0	20.27	20.44	20.34		
5	16QAM	12	7	20.33	20.36	20.27	22	2
5	16QAM	12	13	20.31	20.35	20.25		
5	16QAM	25	0	20.34	20.29	20.32		
5	64QAM	1	0	20.52	20.58	20.45		
5	64QAM	1	12	20.45	20.53	20.41	22	2
5	64QAM	1	24	20.43	20.55	20.52		
5	64QAM	12	0	19.35	19.30	19.33		
5	64QAM	12	7	19.31	19.43	19.37	21	3
5	64QAM	12	13	19.24	19.36	19.32		
5	64QAM	25	0	19.25	19.34	19.33		
5	256QAM	1	0	17.43	17.37	17.39		
5	256QAM	1	12	17.42	17.51	17.51	19	5
5	256QAM	1	24	17.44	17.45	17.38		
5	256QAM	12	0	17.39	17.48	17.35		
5	256QAM	12	7	17.42	17.47	17.41	19	5
5	256QAM	12	13	17.35	17.38	17.39		
5	256QAM	25	0	17.37	17.39	17.36		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.41	22.42	22.39		
3	QPSK	1	8	22.39	22.38	22.37	24	0
3	QPSK	1	14	22.41	22.37	22.36		
3	QPSK	8	0	21.28	21.41	21.29		
3	QPSK	8	4	21.28	21.37	21.33	23	1
3	QPSK	8	7	21.36	21.33	21.35		
3	QPSK	15	0	21.28	21.38	21.27		
3	16QAM	1	0	21.56	21.69	21.66		
3	16QAM	1	8	21.64	21.81	21.70	23	1
3	16QAM	1	14	21.79	21.76	21.61		
3	16QAM	8	0	20.31	20.45	20.32		
3	16QAM	8	4	20.27	20.36	20.25	22	2
3	16QAM	8	7	20.38	20.32	20.23		
3	16QAM	15	0	20.30	20.32	20.27		
3	64QAM	1	0	20.53	20.48	20.49		
3	64QAM	1	8	20.47	20.51	20.42	22	2
3	64QAM	1	14	20.39	20.54	20.50		
3	64QAM	8	0	19.33	19.34	19.32		
3	64QAM	8	4	19.32	19.42	19.42	21	3
3	64QAM	8	7	19.28	19.38	19.31		
3	64QAM	15	0	19.30	19.31	19.40		
3	256QAM	1	0	17.39	17.37	17.38		
3	256QAM	1	8	17.36	17.41	17.42	19	5
3	256QAM	1	14	17.44	17.39	17.41		
3	256QAM	8	0	17.44	17.41	17.37		
3	256QAM	8	4	17.45	17.39	17.43	19	5
3	256QAM	8	7	17.41	17.37	17.45		
3	256QAM	15	0	17.39	17.41	17.44		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.44	22.40	22.41		
1.4	QPSK	1	3	22.43	22.44	22.39		
1.4	QPSK	1	5	22.39	22.42	22.33	24	0
1.4	QPSK	3	0	22.35	22.44	22.40		
1.4	QPSK	3	1	22.32	22.40	22.41		
1.4	QPSK	3	3	22.34	22.39	22.40		
1.4	QPSK	6	0	21.33	21.40	21.33	23	1
1.4	16QAM	1	0	21.37	21.30	21.29		
1.4	16QAM	1	3	21.32	21.31	21.36		
1.4	16QAM	1	5	21.34	21.36	21.25	23	1
1.4	16QAM	3	0	21.64	21.71	21.76		
1.4	16QAM	3	1	21.73	21.84	21.69		
1.4	16QAM	3	3	21.76	21.68	21.63		
1.4	16QAM	6	0	20.31	20.43	20.26	22	2
1.4	64QAM	1	0	20.31	20.27	20.35		
1.4	64QAM	1	3	20.29	20.27	20.30		
1.4	64QAM	1	5	20.34	20.34	20.32	22	2
1.4	64QAM	3	0	20.44	20.51	20.46		
1.4	64QAM	3	1	20.51	20.45	20.48		
1.4	64QAM	3	3	20.32	20.58	20.50		
1.4	64QAM	6	0	19.35	19.37	19.36	21	3
1.4	256QAM	1	0	17.40	17.51	17.35		
1.4	256QAM	1	3	17.45	17.48	17.50		
1.4	256QAM	1	5	17.41	17.38	17.38	19	5
1.4	256QAM	3	0	17.40	17.45	17.35		
1.4	256QAM	3	1	17.44	17.46	17.40		
1.4	256QAM	3	3	17.40	17.38	17.38		
1.4	256QAM	6	0	17.43	17.45	17.37	19	5

Band 7 Ant9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.78	16.84	16.82		
20	QPSK	1	49	16.80	16.79	16.77	18	0
20	QPSK	1	99	16.77	16.78	16.82		
20	QPSK	50	0	16.73	16.82	16.77		
20	QPSK	50	24	16.76	16.76	16.73	18	0
20	QPSK	50	50	16.73	16.74	16.76		
20	QPSK	100	0	16.75	16.80	16.75		
20	16QAM	1	0	16.71	16.77	16.73		
20	16QAM	1	49	16.77	16.74	16.71	18	0
20	16QAM	1	99	16.74	16.74	16.76		
20	16QAM	50	0	16.71	16.79	16.78		
20	16QA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.03	18.10	18.07	19.2	0
20	QPSK	1	49	18.04	18.00	18.02		
20	QPSK	1	99	17.97	17.98	17.99		
20	QPSK	50	0	18.04	18.08	18.05	19.2	0
20	QPSK	50	24	18.01	18.07	18.00		
20	QPSK	50	50	18.03	18.03	18.02		
20	QPSK	100	0	17.97	18.03	17.99		
20	16QAM	1	0	17.97	18.05	17.98	19.2	0
20	16QAM	1	49	18.02	18.03	17.94		
20	16QAM	1	99	18.00	17.97	18.00		
20	16QAM	50	0	17.97	17.95	18.02	19.2	0
20	16QAM	50	24	17.94	18.01	17.95		
20	16QAM	50	50	18.03	18.00	17.95		
20	16QAM	100	0	17.97	17.99	17.95		
20	64QAM	1	0	17.96	18.02	18.05	19.2	0
20	64QAM	1	49	18.03	18.05	17.94		
20	64QAM	1	99	17.99	17.95	18.02		
20	64QAM	50	0	17.97	18.01	17.94	19.2	0
20	64QAM	50	24	18.01	18.02	18.00		
20	64QAM	50	50	18.04	17.97	18.01		
20	64QAM	100	0	18.02	18.01	17.94		
20	256QAM	1	0	17.52	17.54	17.50	19	0.2
20	256QAM	1	49	17.50	17.57	17.52		
20	256QAM	1	99	17.54	17.50	17.47		
20	256QAM	50	0	17.56	17.57	17.57	19	0.2
20	256QAM	50	24	17.50	17.53	17.45		
20	256QAM	50	50	17.56	17.54	17.48		
20	256QAM	100	0	17.55	17.56	17.52		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.94	17.98	17.96	19.2	0
15	QPSK	1	37	17.93	17.98	18.02		
15	QPSK	1	74	17.98	18.04	17.94		
15	QPSK	36	0	18.04	18.02	18.01	19.2	0
15	QPSK	36	20	17.99	18.03	17.94		
15	QPSK	36	39	17.98	18.06	18.03		
15	QPSK	75	0	17.95	18.01	18.02		
15	16QAM	1	0	18.02	18.03	17.98	19.2	0
15	16QAM	1	37	18.02	18.05	18.04		
15	16QAM	1	74	18.00	18.04	18.02		
15	16QAM	36	0	17.95	17.97	18.05	19.2	0
15	16QAM	36	20	17.99	18.06	17.99		
15	16QAM	36	39	18.04	18.03	17.96		
15	16QAM	75	0	18.03	17.98	17.94		
15	64QAM	1	0	17.96	18.03	18.04	19.2	0
15	64QAM	1	37	17.97	18.01	18.02		
15	64QAM	1	74	18.01	18.04	17.95		
15	64QAM	36	0	17.98	18.00	17.97	19.2	0
15	64QAM	36	20	17.95	18.02	18.02		
15	64QAM	36	39	17.99	17.97	17.95		
15	64QAM	75	0	18.00	18.06	17.95		
15	256QAM	1	0	17.55	17.53	17.53	19	0.2
15	256QAM	1	37	17.56	17.62	17.60		
15	256QAM	1	74	17.48	17.53	17.57		
15	256QAM	36	0	17.46	17.54	17.50	19	0.2
15	256QAM	36	20	17.50	17.59	17.57		
15	256QAM	36	39	17.52	17.49	17.54		
15	256QAM	75	0	17.48	17.49	17.55		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.96	17.96	18.01	19.2	0
10	QPSK	1	25	17.98	18.02	18.04		
10	QPSK	1	49	17.98	17.97	17.99		
10	QPSK	25	0	17.98	18.05	17.98	19.2	0
10	QPSK	25	12	17.93	17.98	18.05		
10	QPSK	25	25	18.03	17.97	17.99		
10	QPSK	50	0	18.04	17.99	18.02		
10	16QAM	1	0	17.94	17.97	18.00	19.2	0
10	16QAM	1	25	17.99	18.03	18.02		
10	16QAM	1	49	17.96	17.98	17.97		
10	16QAM	25	0	18.01	18.01	18.00	19.2	0
10	16QAM	25	12	17.99	18.07	18.02		
10	16QAM	25	25	17.98	17.95	17.97		
10	16QAM	50	0	18.03	18.04	18.00		
10	64QAM	1	0	17.96	18.02	18.02	19.2	0
10	64QAM	1	25	18.03	17.98	18.05		
10	64QAM	1	49	17.94	18.03	18.01		
10	64QAM	25	0	17.98	17.99	18.05	19.2	0
10	64QAM	25	12	18.03	18.02	18.00		
10	64QAM	25	25	18.04	17.96	18.01		
10	64QAM	50	0	17.99	18.02	17.94		
10	256QAM	1	0	17.48	17.63	17.50	19	0.2
10	256QAM	1	25	17.53	17.56	17.57		
10	256QAM	1	49	17.55	17.48	17.49		
10	256QAM	25	0	17.56	17.56	17.48	19	0.2
10	256QAM	25	12	17.48	17.52	17.50		
10	256QAM	25	25	17.48	17.60	17.50		
10	256QAM	50	0	17.55	17.54	17.53		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.04	18.00	18.02	19.2	0
5	QPSK	1	12	18.04	17.98	18.03		
5	QPSK	1	24	18.03	17.96	18.01		
5	QPSK	12	0	17.99	18.05	18.00	19.2	0
5	QPSK	12	7	17.94	17.99	17.98		
5	QPSK	12	13	17.98	18.05	17.99		
5	QPSK	25	0	17.98	17.98	18.01		
5	16QAM	1	0	18.02	18.00	17.93	19.2	0
5	16QAM	1	12	18.03	18.00	17.96		
5	16QAM	1	24	18.00	18.02	18.03		
5	16QAM	12	0	17.98	18.04	17.98	19.2	0
5	16QAM	12	7	17.94	18.03	17.96		
5	16QAM	12	13	17.96	18.05	18.04		
5	16QAM	25	0	18.02	17.99	18.01		
5	64QAM	1	0	18.05	17.96	18.01	19.2	0
5	64QAM	1	12	17.99	18.02	18.00		
5	64QAM	1	24	17.94	18.00	18.05		
5	64QAM	12	0	18.04	17.97	18.01	19.2	0
5	64QAM	12	7	17.99	18.03	17.98		
5	64QAM	12	13	17.96	18.05	17.94		
5	64QAM	25	0	18.00	17.96	18.01		
5	256QAM	1	0	17.53	17.55	17.51	19	0.2
5	256QAM	1	12	17.53	17.58	17.52		
5	256QAM	1	24	17.51	17.52	17.52		
5	256QAM	12	0	17.57	17.56	17.45	19	0.2
5	256QAM	12	7	17.53	17.55	17.51		
5	256QAM	12	13	17.52	17.51	17.54		
5	256QAM	25	0	17.48	17.55	17.50		

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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	18.02	18.07	18.13	18.09	18.05	19.2	0
20	QPSK	1	49	18.02	18.02	18.02	18.06	18.08		
20	QPSK	1	99	18.09	18.00	18.12	18.05	18.01		
20	QPSK	50	0	18.06	18.10	18.11	18.02	18.08	19.2	0
20	QPSK	50	24	17.99	18.04	18.07	18.02	18.00		
20	QPSK	50	50	18.08	18.00	18.02	17.99	18.05		
20	QPSK	100	0	18.09	18.07	18.10	18.09	18.07		
20	16QAM	1	0	18.05	18.02	18.10	18.09	18.05	19.2	0
20	16QAM	1	49	18.04	18.08	18.01	18.04	18.10		
20	16QAM	1	99	18.01	18.11	18.12	18.02	18.07		
20	16QAM	50	0	18.08	18.11	18.09	18.00	18.00	19.2	0
20	16QAM	50	24	18.10	18.06	18.03	18.06	18.04		
20	16QAM	50	50	18.02	18.07	18.05	17.99	18.11		
20	16QAM	100	0	18.05	18.04	18.11	18.10	18.10		
20	64QAM	1	0	18.05	18.02	18.04	18.08	18.01	19.2	0
20	64QAM	1	49	18.02	18.09	18.03	18.09	18.05		
20	64QAM	1	99	18.02	18.01	18.02	18.01	17.99		
20	64QAM	50	0	18.10	18.05	18.05	18.01	18.04	19.2	0
20	64QAM	50	24	18.09	18.11	18.09	18.09	18.01		
20	64QAM	50	50	18.10	18.04	18.05	18.00	17.99		
20	64QAM	100	0	18.04	18.06	18.03	18.00	18.03		
20	256QAM	1	0	17.46	17.53	17.46	17.54	17.47	19	0.2
20	256QAM	1	49	17.54	17.57	17.53	17.58	17.61		
20	256QAM	1	99	17.53	17.51	17.48	17.49	17.47		
20	256QAM	50	0	17.46	17.54	17.53	17.50	17.53	19	0.2
20	256QAM	50	24	17.51	17.50	17.56	17.56	17.45		
20	256QAM	50	50	17.47	17.59	17.55	17.52	17.49		
20	256QAM	100	0	17.50	17.51	17.51	17.53	17.48		
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	18.03	17.97	17.96	17.99	17.95	19	0
15	QPSK	1	37	17.94	18.01	18.04	18.04	17.95		
15	QPSK	1	74	18.03	18.01	17.97	18.00	18.00		
15	QPSK	36	0	18.04	18.05	18.00	18.03	18.04	19.2	0
15	QPSK	36	20	18.04	17.96	18.06	18.04	18.00		
15	QPSK	36	39	18.00	17.97	18.03	18.02	17.94		
15	QPSK	75	0	17.97	18.00	18.01	17.96	18.04		
15	16QAM	1	0	17.95	17.96	17.97	18.03	17.99	19.2	0
15	16QAM	1	37	18.00	17.98	17.98	18.01	17.98		
15	16QAM	1	74	18.00	18.00	18.05	17.94	17.96		
15	16QAM	36	0	18.00	17.94	18.04	18.04	18.02	19.2	0
15	16QAM	36	20	18.04	17.97	18.06	18.04	17.94		
15	16QAM	36	39	18.04	18.04	18.01	17.98	18.02		
15	16QAM	75	0	17.98	17.96	17.98	18.02	18.02		
15	64QAM	1	0	18.01	18.04	18.05	17.94	18.00	19.2	0
15	64QAM	1	37	17.97	18.02	18.00	17.97	18.02		
15	64QAM	1	74	18.02	17.99	18.06	18.02	18.02		
15	64QAM	36	0	17.99	17.95	18.06	17.98	18.02	19.2	0
15	64QAM	36	20	18.02	18.02	18.01	18.03	17.96		
15	64QAM	36	39	17.99	18.01	18.03	18.02	18.02		
15	64QAM	75	0	17.94	18.00	17.96	17.99	18.02		
15	256QAM	1	0	17.56	17.56	17.56	17.55	17.46	19	0.2
15	256QAM	1	37	17.54	17.58	17.45	17.62	17.57		
15	256QAM	1	74	17.52	17.50	17.51	17.55	17.48		
15	256QAM	36	0	17.46	17.53	17.51	17.55	17.50	19	0.2
15	256QAM	36	20	17.46	17.48	17.52	17.56	17.45		
15	256QAM	36	39	17.47	17.52	17.47	17.59	17.47		
15	256QAM	75	0	17.56	17.51	17.49	17.58	17.52		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.99	18.01	17.99	17.99	18.00	19	0
10	QPSK	1	25	17.99	17.96	17.98	17.99	18.00		
10	QPSK	1	49	18.02	18.03	17.97	17.96	17.94		
10	QPSK	25	0	18.01	17.99	17.97	18.01	18.04	19.2	0
10	QPSK	25	12	18.04	17.98	18.04	17.97	17.99		
10	QPSK	25	25	18.03	17.96	18.03	17.97	18.02		
10	QPSK	50	0	17.94	18.02	18.01	17.98	18.01		
10	16QAM	1	0	18.01	18.03	17.96	17.95	17.99	19.2	0
10	16QAM	1	25	18.01	17.95	18.05	17.98	17.95		
10	16QAM	1	49	17.94	18.02	18.02	18.00	17.95		
10	16QAM	25	0	18.00	17.96	18.05	18.02	17.97	19.2	0
10	16QAM	25	12	18.02	18.03	18.04	18.05	17.96		
10	16QAM	25	25	18.01	17.96	18.00	18.04	17.96		
10	16QAM	50	0	17.98	17.93	18.06	17.98	17.95		
10	64QAM	1	0	17.95	18.00	18.06	18.01	17.98	19.2	0
10	64QAM	1	25	17.99	17.97	18.02	17.98	18.01		
10	64QAM	1	49	18.00	18.02	17.99	17.97	18.02		
10	64QAM	25	0	18.03	17.97	18.06	17.99	18.03	19.2	0
10	64QAM	25	12	17.97	17.97	18.02	17.97	17.93		
10	64QAM	25	25	18.01	18.02	18.02	17.96	18.02		
10	64QAM	50	0	18.03	18.00	18.05	18.03	18.04		
10	256QAM	1	0	17.47	17.62	17.45	17.59	17.54	19	0.2
10	256QAM	1	25	17.54	17.51	17.53	17.53	17.52		
10	256QAM	1	49	17.51	17.55	17.47	17.56	17.48		
10	256QAM	25	0	17.52	17.56	17.53	17.49	17.53	19	0.2
10	256QAM	25	12	17.55	17.51	17.54	17.57	17.56		
10	256QAM	25	25	17.48	17.54	17.53	17.55	17.54		
10	256QAM	50	0	17.51	17.49	17.49	17.53	17.56		
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	18.02	17.94	17.97	18.03	17.94	19	0
5	QPSK	1	12	18.01	17.94	17.99	18.05	18.03		
5	QPSK	1	24	17.99	17.96	17.99	17.99	18.03		
5	QPSK	12	0	17.95	18.01	17.99	18.00	17.97	19.2	0
5	QPSK	12	7	17.94	17.97	18.05	18.03	18.01		
5	QPSK	12	13	17.93	17.97	17.98	17.99	18.05		
5	QPSK	25	0	17.99	17.99	17.97	17.97	17.96		
5	16QAM	1	0	18.00	17.98	18.04	17.99	18.05	19.2	0
5	16QAM	1	12	17.97	17.97	18.04	18.01	18.00		
5	16QAM	1	24	18.02	18.03	17.95	17.96	18.01		
5	16QAM	12	0	17.99	17.99	18.02	18.03	17.95	19.2	0
5	16QAM	12	7	17.97	18.02	18.04	17.95	18.05		
5	16QAM	12	13	18.04	17.96	18.03	17.99	18.02		
5	16QAM	25	0	17.94	17.96	18.06	18.03	17.94		
5	64QAM	1	0	18.02	17.98	17.97	18.05	18.03	19.2	0
5	64QAM	1	12	18.02	17.94	17.96	18.01	18.02		
5	64QAM	1	24	17.94	17.95	17.97	17.93	18.00		
5	64QAM	12	0	17.98	18.00	18.07	17.98	17.95	19.2	0
5	64QAM	12	7	17.95	18.02	18.00	18.02	17.97		
5	64QAM	12	13	17.93	17.98	17.99	18.03	17.98		
5	64QAM	25	0	18.03	17.93	17.97	17.94	18.04		
5	256QAM	1	0	17.55	17.62	17.56	17.52	17.50	19	0.2
5	256QAM	1	12	17.55	17.53	17.47	17.54	17.60		
5	256QAM	1	24	17.46	17.60	17.47	17.54	17.54		
5	256QAM	12	0	17.51	17.52	17.46	17.49	17.48	19	0.2
5	256QAM	12	7	17.50	17.54	17.57	17.49	17.52		
5	256QAM	12	13	17.46	17.59	17.52	17.56	17.48		
5	256QAM	25	0	17.50	17.57	17.50	17.52	17.56		

Band 42 FCC Part27Q Ant7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.91	20.06	20.04		
20	QPSK	1	49	19.93	19.94	20.00	21.3	0
20	QPSK	1	99	19.92	20.05	19.97		
20	QPSK	50	0	19.91	20.04	20.00		
20	QPSK	50	24	20.02	20.01	19.96	21.3	0
20	QPSK	50	50	19.94	20.01	19.93		
20	QPSK	100	0	19.96	20.01	19.98		
20	16QAM	1	0	20.03	19.96	19.99		
20	16QAM	1	49	19.96	19.96	20.01	21.3	0
20	16QAM	1	99	19.95	19.99	20.01		
20	16QAM	50	0	19.98	19.97	19.96		
20	16QAM	50	24	19.94	19.96	19.92	21.3	0
20	16QAM	50	50	19.97	20.03	20.00		
20	16QAM	100	0	19.95	20.00	19.95		
20	64QAM	1	0	19.94	19.96	19.91		
20	64QAM	1	49	20.03	19.96	19.93	21.3	0
20	64QAM	1	99	19.97	19.94	19.96		
20	64QAM	50	0	19.47	19.35	19.34		
20	64QAM	50	24	19.35	19.43	19.49	21	0.3
20	64QAM	50	50	19.34	19.47	19.40		
20	64QAM	100	0	19.30	19.30	19.43		
20	256QAM	1	0	17.49	17.58	17.48		
20	256QAM	1	49	17.40	17.48	17.54	19	2.3
20	256QAM	1	99	17.41	17.42	17.43		
20	256QAM	50	0	17.45	17.46	17.51		
20	256QAM	50	24	17.48	17.43	17.48	19	2.3
20	256QAM	50	50	17.44	17.49	17.40		
20	256QAM	100	0	17.39	17.50	17.50		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.96	19.96	19.93		
15	QPSK	1	37	19.85	19.88	19.96	21.3	0
15	QPSK	1	74	19.94	19.88	19.87		
15	QPSK	36	0	19.89	19.88	19.87		
15	QPSK	36	20	19.95	19.90	19.92	21.3	0
15	QPSK	36	39	19.95	19.95	19.93		
15	QPSK	75	0	19.86	19.88	19.86		
15	16QAM	1	0	19.87	19.92	19.94		
15	16QAM	1	37	19.94	19.92	19.94	21.3	0
15	16QAM	1	74	19.95	19.95	19.92		
15	16QAM	36	0	19.91	19.88	19.86		
15	16QAM	36	20	19.89	19.93	19.91	21.3	0
15	16QAM	36	39	19.90	19.92	19.87		
15	16QAM	75	0	19.92	19.89	19.88		
15	64QAM	1	0	19.97	19.95	19.91		
15	64QAM	1	37	19.94	19.96	19.95	21.3	0
15	64QAM	1	74	19.94	19.88	19.96		
15	64QAM	36	0	19.39	19.40	19.40		
15	64QAM	36	20	19.37	19.45	19.42	21	0.3
15	64QAM	36	39	19.32	19.45	19.37		
15	64QAM	75	0	19.37	19.32	19.40		
15	256QAM	1	0	17.46	17.48	17.42		
15	256QAM	1	37	17.47	17.51	17.50	19	2.3
15	256QAM	1	74	17.44	17.46	17.47		
15	256QAM	36	0	17.41	17.46	17.46		
15	256QAM	36	20	17.51	17.45	17.39	19	2.3
15	256QAM	36	39	17.47	17.49	17.48		
15	256QAM	75	0	17.50	17.53	17.46		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.89	19.94	19.92		
10	QPSK	1	25	19.92	19.89	19.89	21.3	0
10	QPSK	1	49	19.85	19.90	19.92		
10	QPSK	25	0	19.94	19.95	19.88		
10	QPSK	25	12	19.90	19.91	19.93	21.3	0
10	QPSK	25	25	19.91	19.88	19.88		
10	QPSK	50	0	19.89	19.92	19.95		
10	16QAM	1	0	19.85	19.90	19.96		
10	16QAM	1	25	19.88	19.94	19.92	21.3	0
10	16QAM	1	49	19.96	19.91	19.96		
10	16QAM	25	0	19.85	19.93	19.95		
10	16QAM	25	12	19.85	19.88	19.94	21.3	0
10	16QAM	25	25	19.95	19.90	19.89		
10	16QAM	50	0	19.88	19.99	19.96		
10	64QAM	1	0	19.89	19.91	19.94		
10	64QAM	1	25	19.90	19.95	19.94	21.3	0
10	64QAM	1	49	19.97	19.88	19.87		
10	64QAM	25	0	19.46	19.32	19.35		
10	64QAM	25	12	19.34	19.45	19.39	21	0.3
10	64QAM	25	25	19.39	19.41	19.33		
10	64QAM	50	0	19.31	19.35	19.42		
10	256QAM	1	0	17.48	17.53	17.48		
10	256QAM	1	25	17.42	17.45	17.44	19	2.3
10	256QAM	1	49	17.41	17.42	17.51		
10	256QAM	25	0	17.42	17.51	17.49		
10	256QAM	25	12	17.47	17.52	17.49	19	2.3
10	256QAM	25	25	17.49	17.43	17.40		
10	256QAM	50	0	17.48	17.45	17.44		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.87	19.94	19.92		
5	QPSK	1	12	19.90	19.95	19.95	21.3	0
5	QPSK	1	24	19.95	19.91	19.94		
5	QPSK	12	0	19.94	19.93	19.87		
5	QPSK	12	7	19.87	19.92	19.95	21.3	0
5	QPSK	12	13	19.86	19.98	19.87		
5	QPSK	25	0	19.86	19.91	19.93		
5	16QAM	1	0	19.86	19.89	19.95		
5	16QAM	1	12	19.96	19.90	19.94	21.3	0
5	16QAM	1	24	19.93	19.91	19.87		
5	16QAM	12	0	19.86	19.94	19.89		
5	16QAM	12	7	19.87	19.93	19.95	21.3	0
5	16QAM	12	13	19.93	19.98	19.92		
5	16QAM	25	0	19.96	19.96	19.92		
5	64QAM	1	0	19.93	19.91	19.86		
5	64QAM	1	12	19.94	19.98	19.92	21.3	0
5	64QAM	1	24	19.96	19.91	19.95		
5	64QAM	12	0	19.44	19.35	19.40		
5	64QAM	12	7	19.30	19.40	19.37	21	0.3
5	64QAM	12	13	19.39	19.44	19.32		
5	64QAM	25	0	19.35	19.30	19.46		
5	256QAM	1	0	17.49	17.54	17.42		
5	256QAM	1	12	17.44	17.50	17.54	19	2.3
5	256QAM	1	24	17.43	17.44	17.51		
5	256QAM	12	0	17.43	17.44	17.46		
5	256QAM	12	7	17.41	17.47	17.41	19	2.3
5	256QAM	12	13	17.41	17.47	17.41		
5	256QAM	25	0	17.41	17.49	17.46		

Band 42 FCC Part27Q Ant8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.27	22.38	22.26		
20	QPSK	1	49	22.30	22.32	22.22	24	0
20	QPSK	1	99	22.26	22.26	22.31		
20	QPSK	50	0	21.27	21.32	21.21		
20	QPSK	50	24	21.16	21.20	21.17	23	1
20	QPSK	50	50	21.24	21.21	21.24		
20	QPSK	100	0	21.21	21.28	21.25		
20	16QAM	1	0	21.54	21.56	21.57		
20	16QAM	1	49	21.56	21.65	21.62	23	1
20	16QAM	1	99	21.69	21.67	21.46		
20	16QAM	50	0	20.17	20.25	20.15		
20	16QAM	50	24	20.15	20.28	20.19	22	2
20	16QAM	50	50	20.20	20.17	20.22		
20	16QAM	100	0	20.28	20.25	20.22		
20	64QAM	1	0	20.39	20.45	20.33		
20	64QAM	1	49	20.42	20.43	20.30	22	2
20	64QAM	1	99	20.24	20.51	20.47		
20	64QAM	50	0	19.30	19.18	19.20		
20	64QAM	50	24	19.15	19.31	19.28	21	3
20	64QAM	50	50	19.16	19.32	19.25		
20	64QAM	100	0	19.18	19.20	19.25		
20	256QAM	1	0	17.26	17.31	17.35		
20	256QAM	1	49	17.34	17.33	17.37	19	5
20	256QAM	1	99	17.28	17.35	17.32		
20	256QAM	50	0	17.27	17.37	17.26		
20	256QAM	50	24	17.34	17.32	17.32	19	5
20	256QAM	50	50	17.32	17.31	17.31		
20	256QAM	100	0	17.35	17.32	17.35		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.35	22.32	22.33		
15	QPSK	1	37	22.24	22.29	22.28	24	0
15	QPSK	1	74	22.21	22.26	22.25		
15	QPSK	36	0	21.27	21.26	21.27		
15	QPSK	36	20	21.23	21.29	21.19	23	1
15	QPSK	36	39	21.24	21.23	21.18		
15	QPSK	75	0	21.20	21.26	21.19		
15	16QAM	1	0	21.46	21.55	21.67		
15	16QAM	1	37	21.60	21.66	21.54	23	1
15	16QAM	1	74	21.61	21.70	21.47		
15	16QAM	36	0	20.15	20.24	20.21		
15	16QAM	36	20	20.24	20.19	20.24	22	2
15	16QAM	36	39	20.27	20.23	20.20		
15	16QAM	75	0	20.28	20.30	20.21		
15	64QAM	1	0	20.39	20.40	20.30		
15	64QAM	1	37	20.39	20.34	20.35	22	2
15	64QAM	1	74	20.25	20.52	20.45		
15	64QAM	36	0	19.32	19.25	19.22		
15	64QAM	36	20	19.20	19.24	19.29	21	3
15	64QAM	36	39	19.20	19.29	19.19		
15	64QAM	75	0	19.21	19.23	19.23		
15	256QAM	1	0	17.27	17.39	17.35		
15	256QAM	1	37	17.30	17.38	17.34	19	5
15	256QAM	1	74	17.28	17.27	17.28		
15	256QAM	36	0	17.27	17.36	17.31		
15	256QAM	36	20	17.32	17.39	17.34	19	5
15	256QAM	36	39	17.34	17.30	17.28		
15	256QAM	75	0	17.31	17.37	17.30		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.30	22.36	22.28		
10	QPSK	1	25	22.22	22.32	22.26	24	0
10	QPSK	1	49	22.22	22.29	22.31		
10	QPSK	25	0	21.17	21.28	21.20		
10	QPSK	25	12	21.22	21.22	21.18	23	1
10	QPSK	25	25	21.20	21.30	21.26		
10	QPSK	50	0	21.18	21.27	21.22		
10	16QAM	1	0	21.46	21.59	21.60		
10	16QAM	1	25	21.57	21.68	21.58	23	1
10	16QAM	1	49	21.66	21.67	21.49		
10	16QAM	25	0	20.13	20.24	20.18		
10	16QAM	25	12	20.23	20.17	20.19	22	2
10	16QAM	25	25	20.25	20.25	20.13		
10	16QAM	50	0	20.18	20.30	20.16		
10	64QAM	1	0	20.40	20.39	20.31		
10	64QAM	1	25	20.32	20.37	20.31	22	2
10	64QAM	1	49	20.27	20.51	20.45		
10	64QAM	25	0	19.26	19.17	19.24		
10	64QAM	25	12	19.18	19.29	19.23	21	3
10	64QAM	25	25	19.25	19.23	19.19		
10	64QAM	50	0	19.14	19.14	19.23		
10	256QAM	1	0	17.25	17.34	17.31		
10	256QAM	1	25	17.35	17.34	17.30	19	5
10	256QAM	1	49	17.32	17.30	17.29		
10	256QAM	25	0	17.31	17.38	17.28		
10	256QAM	25	12	17.29	17.32	17.33	19	5
10	256QAM	25	25	17.36	17.37	17.28		
10	256QAM	50	0	17.35	17.31	17.31		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.32	22.35	22.30		
5	QPSK	1	12	22.22	22.32	22.23	24	0
5	QPSK	1	24	22.21	22.28	22.33		
5	QPSK	12	0	21.21	21.25	21.20		
5	QPSK	12	7	21.21	21.24	21.12	23	1
5	QPSK	12	13	21.23	21.22	21.21		
5	QPSK	25	0	21.19	21.21	21.21		
5	16QAM	1	0	21.51	21.60	21.58		
5	16QAM	1	12	21.60	21.65	21.56	23	1
5	16QAM	1	24	21.62	21.71	21.56		
5	16QAM	12	0	20.14	20.23	20.22		
5	16QAM	12	7	20.24	20.24	20.15	22	2
5	16QAM	12	13	20.26	20.20	20.19		
5	16QAM	25	0	20.27	20.25	20.16		
5	64QAM	1	0	20.41	20.39	20.38		
5	64QAM	1	12	20.33	20.41	20.38	22	2
5	64QAM	1	24	20.31	20.49	20.46		
5	64QAM	12	0	19.35	19.23	19.19		
5	64QAM	12	7	19.25	19.29	19.26	21	3
5	64QAM	12	13	19.14	19.33	19.20		
5	64QAM	25	0	19.24	19.25	19.33		
5	256QAM	1	0	17.29	17.37	17.36		
5	256QAM	1	12	17.28	17.36	17.41	19	5
5	256QAM	1	24	17.33	17.29	17.26		
5	256QAM	12	0	17.32	17.31	17.32		
5	256QAM	12	7	17.31	17.39	17.29	19	5
5	256QAM	12	13	17.35	17.38	17.36		
5	256QAM	25	0	17.25	17.31	17.25		

Band 42 FCC Part27Q Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.38	17.45	17.42		
20	QPSK	1	49	17.37	17.41	17.36	19	0
20	QPSK	1	99	17.25	17.43	17.37		
20	QPSK	50	0	16.41	16.44	16.39		
20	QPSK	50	24	16.28	16.21	16.20	18	1
20	QPSK	50	50	16.24	16.29	16.22		
20	QPSK	100	0	16.35	16.39	16.37		
20	16QAM	1	0	16.57	16.60	16.73		
20	16QAM	1	49	16.69	16.79	16.63	18	1
20	16QAM	1	99	16.64	16.75	16.52		
20	16QAM	50	0	15.26	15.28	15.17		
20	16QAM	50	24	15.24	15.22	15.30	17	2
20	16QAM	50	50	15.29	15.32	15.30		
20	16QAM	100	0	15.39	15.32	15.23		
20	64QAM	1	0	15.45	15.48	15.35		
20	64QAM	1	49	15.44	15.37	15.32	17	2
20	64QAM	1	99	15.30	15.59	15.41		
20	64QAM	50	0	14.39	14.23	14.27		
20	64QAM	50	24	14.31	14.37	14.35	16	3
20	64QAM	50	50	14.27	14.27	14.31		
20	64QAM	100	0	14.14	14.22	14.38		
20	256QAM	1	0	12.44	12.33	12.34		
20	256QAM	1	49	12.43	12.36	12.37	14	5
20	256QAM	1	99	12.37	12.37	12.34		
20	256QAM	50	0	12.47	12.43	12.33		
20	256QAM	50	24	12.39	12.41	12.28	14	5
20	256QAM	50	50	12.42	12.46	12.28		
20	256QAM	100	0	12.28	12.43	12.39		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.29	17.44	17.24		
15	QPSK	1	37	17.21	17.38	17.21	19	0
15	QPSK	1	74	17.14	17.39	17.34		
15	QPSK	36	0	16.34	16.34	16.29		
15	QPSK	36	20	16.25	16.19	16.15	18	1
15	QPSK	36	39	16.19	16.25	16.24		
15	QPSK	75	0	16.20	16.22	16.18		
15	16QAM	1	0	16.42	16.59	16.65		
15	16QAM	1	37	16.55	16.71	16.54	18	1
15	16QAM	1	74	16.66	16.70	16.45		
15	16QAM	36	0	15.17	15.31	15.18		
15	16QAM	36	20	15.25	15.17	15.18	17	2
15	16QAM	36	39	15.22	15.27	15.15		
15	16QAM	75	0	15.25	15.26	15.17		
15	64QAM	1	0	15.41	15.40	15.32		
15	64QAM	1	37	15.38	15.32	15.35	17	2
15	64QAM	1	74	15.28	15.47	15.39		
15	64QAM	36	0	14.34	14.25	14.27		
15	64QAM	36	20	14.29	14.29	14.24	16	3
15	64QAM	36	39	14.17	14.29	14.21		
15	64QAM	75	0	14.19	14.22	14.34		
15	256QAM	1	0	12.32	12.32	12.28		
15	256QAM	1	37	12.39	12.40	12.36	14	5
15	256QAM	1	74	12.32	12.24	12.32		
15	256QAM	36	0	12.37	12.41	12.38		
15	256QAM	36	20	12.30	12.28	12.22	14	5
15	256QAM	36	39	12.35	12.36	12.23		
15	256QAM	75	0	12.32	12.29	12.26		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.40	17.41	17.33		
10	QPSK	1	25	17.25	17.33	17.21	19	0
10	QPSK	1	49	17.20	17.35	17.30		
10	QPSK	25	0	16.30	16.38	16.32		
10	QPSK	25	12	16.29	16.27	16.22	18	1
10	QPSK	25	25	16.22	16.25	16.25		
10	QPSK	50	0	16.20	16.25	16.25		
10	16QAM	1	0	16.42	16.64	16.67		
10	16QAM	1	25	16.65	16.76	16.58	18	1
10	16QAM	1	49	16.58	16.63	16.41		
10	16QAM	25	0	15.22	15.25	15.23		
10	16QAM	25	12	15.22	15.20	15.24	17	2
10	16QAM	25	25	15.25	15.26	15.19		
10	16QAM	50	0	15.29	15.33	15.19		
10	64QAM	1	0	15.41	15.41	15.29		
10	64QAM	1	25	15.36	15.35	15.33	17	2
10	64QAM	1	49	15.35	15.51	15.43		
10	64QAM	25	0	14.35	14.25	14.30		
10	64QAM	25	12	14.26	14.34	14.20	16	3
10	64QAM	25	25	14.22	14.23	14.21		
10	64QAM	50	0	14.12	14.23	14.38		
10	256QAM	1	0	12.29	12.35	12.32		
10	256QAM	1	25	12.29	12.34	12.38	14	5
10	256QAM	1	49	12.32	12.33	12.28		
10	256QAM	25	0	12.42	12.34	12.35		
10	256QAM	25	12	12.22	12.28	12.24	14	5
10	256QAM	25	25	12.37	12.31	12.19		
10	256QAM	50	0	12.23	12.39	12.26		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.31	17.43	17.33		
5	QPSK	1	12	17.28	17.38	17.22	19	0
5	QPSK	1	24	17.15	17.34	17.29		
5	QPSK	12	0	16.25	16.37	16.31		
5	QPSK	12	7	16.17	16.20	16.19	18	1
5	QPSK	12	13	16.21	16.21	16.18		
5	QPSK	25	0	16.18	16.30	16.24		
5	16QAM	1	0	16.44	16.65	16.70		
5	16QAM	1	12	16.58	16.71	16.49	18	1
5	16QAM	1	24	16.58	16.64	16.41		
5	16QAM	12	0	15.17	15.25	15.15		
5	16QAM	12	7	15.26	15.12	15.22	17	2
5	16QAM	12	13	15.19	15.17	15.15		
5	16QAM	25	0	15.34	15.35	15.16		
5	64QAM	1	0	15.42	15.34	15.37		
5	64QAM	1	12	15.37	15.28	15.34	17	2
5	64QAM	1	24	15.25	15.47	15.45		
5	64QAM	12	0	14.30	14.26	14.22		
5	64QAM	12	7	14.29	14.23	14.23	16	3
5	64QAM	12	13	14.13	14.30	14.28		
5	64QAM	25	0	14.08	14.15	14.37		
5	256QAM	1	0	12.35	12.33	12.24		
5	256QAM	1	12	12.34	12.33	12.33	14	5
5	256QAM	1	24	12.37	12.33	12.30		
5	256QAM	12	0	12.33	12.36	12.31		
5	256QAM	12	7	12.24	12.35	12.26	14	5
5	256QAM	12	13	12.37	12.31	12.23		
5	256QAM	25	0	12.33	12.37	12.32		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.27	17.37	17.34		
20	QPSK	1	49	17.28	17.33	17.30	19	0
20	QPSK	1	99	17.28	17.36	17.30		
20	QPSK	50	0	16.28	16.35	16.26		
20	QPSK	50	24	16.23	16.27	16.21	18	1
20	QPSK	50	50	16.16	16.24	16.20		
20	QPSK	100	0	16.24	16.29	16.28		
20	16QAM	1	0	16.51	16.66	16.61		
20	16QAM	1	49	16.54	16.72	16.62	18	1
20	16QAM	1	99	16.65	16.65	16.51		
20	16QAM	50	0	15.18	15.28	15.24		
20	16QAM	50	24	15.25	15.19	15.21	17	2
20	16QAM	50	50	15.25	15.28	15.16		
20	16QAM	100	0	15.27	15.29	15.14		
20	64QAM	1	0	15.33	15.39	15.33		
20	64QAM	1	49	15.37	15.33	15.39	17	2
20	64QAM	1	99	15.26	15.42	15.42		
20	64QAM	50	0	14.27	14.26	14.18		
20	64QAM	50	24	14.23	14.26	14.26	16	3
20	64QAM	50	50	14.22	14.31	14.21		
20	64QAM	100	0	14.21	14.26	14.27		
20	256QAM	1	0	12.26	12.42	12.26		
20	256QAM	1	49	12.26	12.40	12.32	14	5
20	256QAM	1	99	12.26	12.34	12.25		
20	256QAM	50	0	12.32	12.35	12.33		
20	256QAM	50	24	12.31	12.39	12.35	14	5
20	256QAM	50	50	12.32	12.38	12.28		
20	256QAM	100	0	12.28	12.30	12.25		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.29	17.30	17.32		
15	QPSK	1	37	17.29	17.31	17.27	19	0
15	QPSK	1	74	17.28	17.27	17.23		
15	QPSK	36	0	16.16	16.33	16.22		
15	QPSK	36	20	16.17	16.29	16.15	18	1
15	QPSK	36	39	16.23	16.24	16.18		
15	QPSK	75	0	16.18	16.21	16.20		
15	16QAM	1	0	16.50	16.64	16.58		
15	16QAM	1	37	16.58	16.64	16.58	18	1
15	16QAM	1	74	16.67	16.69	16.50		
15	16QAM	36	0	15.13	15.34	15.15		
15	16QAM	36	20	15.16	15.19	15.26	17	2
15	16QAM	36	39	15.28	15.18	15.13		
15	16QAM	75	0	15.19	15.31	15.15		
15	64QAM	1	0	15.42	15.41	15.38		
15	64QAM	1	37	15.40	15.39	15.36	17	2
15	64QAM	1	74	15.24	15.46	15.46		
15	64QAM	36	0	14.32	14.17	14.18		
15	64QAM	36	20	14.24	14.34	14.30	16	3
15	64QAM	36	39	14.14	14.28	14.23		
15	64QAM	75	0	14.17	14.22	14.34		
15	256QAM	1	0	12.32	12.42	12.35		
15	256QAM	1	37	12.29	12.40	12.39	14	5
15	256QAM	1	74	12.31	12.29	12.27		
15	256QAM	36	0	12.33	12.31	12.32		
15	256QAM	36	20	12.35	12.27	12.35	14	5
15	256QAM	36	39	12.25	12.37	12.24		
15	256QAM	75	0	12.29	12.31	12.29		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.28	17.33	17.26		
10	QPSK	1	25	17.22	17.34	17.23	19	0
10	QPSK	1	49	17.22	17.29	17.23		
10	QPSK	25	0	16.18	16.29	16.19		
10	QPSK	25	12	16.16	16.19	16.22	18	1
10	QPSK	25	25	16.19	16.27	16.18		
10	QPSK	50	0	16.17	16.21	16.16		
10	16QAM	1	0	16.53	16.58	16.57		
10	16QAM	1	25	16.57	16.68	16.60	18	1
10	16QAM	1	49	16.68	16.68	16.48		
10	16QAM	25	0	15.16	15.28	15.21		
10	16QAM	25	12	15.18	15.22	15.25	17	2
10	16QAM	25	25	15.24	15.20	15.23		
10	16QAM	50	0	15.19	15.20	15.19		
10	64QAM	1	0	15.35	15.38	15.35		
10	64QAM	1	25	15.33	15.36	15.35	17	2
10	64QAM	1	49	15.31	15.46	15.49		
10	64QAM	25	0	14.25	14.27	14.23		
10	64QAM	25	12	14.24	14.35	14.27	16	3
10	64QAM	25	25	14.16	14.28	14.21		
10	64QAM	50	0	14.22	14.20	14.29		
10	256QAM	1	0	12.28	12.35	12.32		
10	256QAM	1	25	12.30	12.31	12.36	14	5
10	256QAM	1	49	12.30	12.37	12.31		
10	256QAM	25	0	12.31	12.28	12.29		
10	256QAM	25	12	12.33	12.39	12.33	14	5
10	256QAM	25	25	12.25	12.37	12.33		
10	256QAM	50	0	12.32	12.35	12.35		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.33	17.35	17.27		
5	QPSK	1	12	17.24	17.35	17.27	19	0
5	QPSK	1	24	17.26	17.31	17.28		
5	QPSK	12	0	16.26	16.27	16.24		
5	QPSK	12	7	16.24	16.23	16.23	18	1
5	QPSK	12	13	16.20	16.22	16.27		
5	QPSK	25	0	16.22	16.25	16.23		
5	16QAM	1	0	16.51	16.64	16.60		
5	16QAM	1	12	16.54	16.71	16.63	18	1
5	16QAM	1	24	16.70	16.69	16.56		
5	16QAM	12	0	15.21	15.33	15.23		
5	16QAM	12	7	15.16	15.28	15.20	17	2
5	16QAM	12	13	15.19	15.22	15.16		
5	16QAM	25	0	15.22	15.28	15.20		
5	64QAM	1	0	15.40	15.36	15.38		
5	64QAM	1	12	15.34	15.33	15.33	17	2
5	64QAM	1	24	15.31	15.44	15.47		
5	64QAM	12	0	14.32	14.23	14.20		
5	64QAM	12	7	14.20	14.26	14.27	16	3
5	64QAM	12	13	14.15	14.27	14.18		
5	64QAM	25	0	14.20	14.19	14.31		
5	256QAM	1	0	12.31	12.43	12.29		
5	256QAM	1	12	12.28	12.36	12.34	14	5
5	256QAM	1	24	12.26	12.29	12.33		
5	256QAM	12	0	12.31	12.30	12.34		
5	256QAM	12	7	12.29	12.30	12.32	14	5
5	256QAM	12	13	12.27	12.28	12.29		
5	256QAM	25	0	12.36	12.38	12.35		

Reduced Power Mode for ECI7

GSM850 Ant0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.75	31.72	31.68	33.50	22.75	22.72	22.68	24.50
GPRS 1 Tx slot	31.74	31.71	31.67	33.50	22.74	22.71	22.67	24.50
GPRS 2 Tx slots	30.96	30.91	30.88	31.70	24.96	24.91	24.88	25.70
GPRS 3 Tx slots	29.11	29.14	29.12	30.00	24.85	24.88	24.86	25.74
GPRS 4 Tx slots	28.07	28.05	27.96	28.70	25.07	25.05	24.96	25.70
EDGE 1 Tx slot	26.02	25.98	25.92	27.00	17.02	16.98	16.92	18.00
EDGE 2 Tx slots	24.88	24.80	24.78	26.00	18.88	18.80	18.78	20.00
EDGE 3 Tx slots	22.64	22.57	22.58	23.50	18.38	18.31	18.32	19.24
EDGE 4 Tx slots	21.43	21.45	21.33	22.50	18.43	18.45	18.33	19.50

Band		WCDMA V Ant0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.74	22.74	22.63	24.00
3GPP Rel 99	RMC 12.2Kbps	22.78	22.81	22.76	24.00
3GPP Rel 6	HSDPA Subtest-1	21.79	21.82	21.72	23.00
3GPP Rel 6	HSDPA Subtest-2	21.82	21.84	21.73	23.00
3GPP Rel 6	HSDPA Subtest-3	21.29	21.37	21.14	22.50
3GPP Rel 6	HSDPA Subtest-4	21.39	21.39	21.15	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.79	21.87	21.70	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.85	21.75	21.68	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.28	21.34	21.27	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.31	21.34	21.26	22.50
3GPP Rel 6	HSUPA Subtest-1	21.80	21.74	21.69	23.00
3GPP Rel 6	HSUPA Subtest-2	19.83	19.73	19.64	21.00
3GPP Rel 6	HSUPA Subtest-3	20.88	20.80	20.76	22.00
3GPP Rel 6	HSUPA Subtest-4	19.90	19.79	19.76	21.00
3GPP Rel 6	HSUPA Subtest-5	21.79	21.81	21.81	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.45	19.48	19.46	20.50

Band 2 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.89	19.91	19.85	20.9	0
20	QPSK	1	49	19.84	19.83	19.85		
20	QPSK	1	99	19.84	19.88	19.88		
20	QPSK	50	0	19.32	19.39	19.35	20.5	0.4
20	QPSK	50	24	19.29	19.37	19.23		
20	QPSK	50	50	19.28	19.32	19.26		
20	QPSK	100	0	19.27	19.37	19.36		
20	16QAM	1	0	19.18	19.37	19.29	20.5	0.4
20	16QAM	1	49	19.23	19.39	19.22		
20	16QAM	1	99	19.30	19.34	19.25		
20	16QAM	50	0	18.26	18.43	18.33	19.5	1.4
20	16QAM	50	24	18.23	18.36	18.28		
20	16QAM	50	50	18.30	18.29	18.33		
20	16QAM	100	0	18.33	18.37	18.38		
20	64QAM	1	0	18.17	18.40	18.22	19.5	1.4
20	64QAM	1	49	18.15	18.39	18.29		
20	64QAM	1	99	18.30	18.29	18.22		
20	64QAM	50	0	17.19	17.36	17.33	18.5	2.4
20	64QAM	50	24	17.21	17.32	17.25		
20	64QAM	50	50	17.32	17.35	17.27		
20	64QAM	100	0	17.23	17.43	17.40		
20	256QAM	1	0	15.22	15.40	15.29	16.5	4.4
20	256QAM	1	49	15.27	15.31	15.29		
20	256QAM	1	99	15.29	15.29	15.31		
20	256QAM	50	0	15.36	15.40	15.41	16.5	4.4
20	256QAM	50	24	15.13	15.40	15.36		
20	256QAM	50	50	15.13	15.34	15.22		
20	256QAM	100	0	15.26	15.36	15.20		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.81	19.76	19.76	20.9	0
15	QPSK	1	37	19.73	19.81	19.83		
15	QPSK	1	74	19.80	19.83	19.73		
15	QPSK	36	0	19.24	19.33	19.24	20.5	0.4
15	QPSK	36	20	19.16	19.30	19.17		
15	QPSK	36	39	19.26	19.22	19.24		
15	QPSK	75	0	19.15	19.27	19.29		
15	16QAM	1	0	19.10	19.26	19.27	20.5	0.4
15	16QAM	1	37	19.18	19.37	19.11		
15	16QAM	1	74	19.24	19.25	19.14		
15	16QAM	36	0	18.13	18.39	18.20	19.5	1.4
15	16QAM	36	20	18.13	18.27	18.14		
15	16QAM	36	39	18.18	18.23	18.21		
15	16QAM	75	0	18.29	18.28	18.28		
15	64QAM	1	0	18.07	18.33	18.18	19.5	1.4
15	64QAM	1	37	18.05	18.30	18.23		
15	64QAM	1	74	18.23	18.20	18.20		
15	64QAM	36	0	17.10	17.30	17.29	18.5	2.4
15	64QAM	36	20	17.17	17.24	17.20		
15	64QAM	36	39	17.30	17.24	17.13		
15	64QAM	75	0	17.15	17.38	17.35		
15	256QAM	1	0	15.09	15.34	15.27	16.5	4.4
15	256QAM	1	37	15.14	15.22	15.26		
15	256QAM	1	74	15.15	15.19	15.28		
15	256QAM	36	0	15.22	15.30	15.32	16.5	4.4
15	256QAM	36	20	15.06	15.37	15.24		
15	256QAM	36	39	15.07	15.21	15.19		
15	256QAM	75	0	15.20	15.30	15.17		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.74	19.85	19.72	20.9	0
10	QPSK	1	25	19.76	19.76	19.81		
10	QPSK	1	49	19.82	19.78	19.82		
10	QPSK	25	0	19.23	19.32	19.25	20.5	0.4
10	QPSK	25	12	19.24	19.26	19.16		
10	QPSK	25	25	19.16	19.29	19.20		
10	QPSK	50	0	19.23	19.30	19.32		
10	16QAM	1	0	19.05	19.26	19.22	20.5	0.4
10	16QAM	1	25	19.17	19.30	19.20		
10	16QAM	1	49	19.21	19.26	19.20		
10	16QAM	25	0	18.16	18.34	18.20	19.5	1.4
10	16QAM	25	12	18.10	18.28	18.19		
10	16QAM	25	25	18.25	18.17	18.24		
10	16QAM	50	0	18.28	18.27	18.28		
10	64QAM	1	0	18.11	18.36	18.16	19.5	1.4
10	64QAM	1	25	18.03	18.35	18.22		
10	64QAM	1	49	18.27	18.16	18.11		
10	64QAM	25	0	17.07	17.24	17.28	18.5	2.4
10	64QAM	25	12	17.17	17.20	17.19		
10	64QAM	25	25	17.19	17.24	17.14		
10	64QAM	50	0	17.15	17.33	17.27		
10	256QAM	1	0	15.13	15.29	15.16	16.5	4.4
10	256QAM	1	25	15.19	15.24	15.21		
10	256QAM	1	49	15.20	15.23	15.26		
10	256QAM	25	0	15.27	15.37	15.33	16.5	4.4
10	256QAM	25	12	15.09	15.34	15.24		
10	256QAM	25	25	15.01	15.25	15.16		
10	256QAM	50	0	15.18	15.24	15.14		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.79	19.85	19.77	20.9	0
5	QPSK	1	12	19.79	19.78	19.76		
5	QPSK	1	24	19.78	19.78	19.74		
5	QPSK	12	0	19.21	19.29	19.32	20.5	0.4
5	QPSK	12	7	19.24	19.34	19.11		
5	QPSK	12	13	19.24	19.24	19.15		
5	QPSK	25	0	19.24	19.27	19.26		
5	16QAM	1	0	19.05	19.29	19.17	20.5	0.4
5	16QAM	1	12	19.15	19.37	19.09		
5	16QAM	1	24	19.22	19.22	19.13		
5	16QAM	12	0	18.13	18.37	18.24	19.5	1.4
5	16QAM	12	7	18.14	18.30	18.24		
5	16QAM	12	13	18.20	18.27	18.21		
5	16QAM	25	0	18.27	18.32	18.26		
5	64QAM	1	0	18.10	18.34	18.18	19.5	1.4
5	64QAM	1	12	18.06	18.30	18.21		
5	64QAM	1	24	18.25	18.15	18.19		
5	64QAM	12	0	17.06	17.26	17.20	18.5	2.4
5	64QAM	12	7	17.14	17.18	17.21		
5	64QAM	12	13	17.24	17.26	17.18		
5	64QAM	25	0	17.14	17.36	17.31		
5	256QAM	1	0	15.08	15.28	15.24	16.5	4.4
5	256QAM	1	12	15.19	15.19	15.27		
5	256QAM	1	24	15.19	15.19	15.27		
5	256QAM	12	0	15.22	15.38	15.38	16.5	4.4
5	256QAM	12	7	15.11	15.29	15.33		
5	256QAM	12	13	15.07	15.22	15.20		
5	256QAM	25	0	15.16	15.28	15.10		
Channel				18815	19000	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.75	19.78	19.78	20.9	0
3	QPSK	1	8	19.75	19.78	19.79		
3	QPSK	1	14	19.73	19.84	19.83		
3	QPSK	8	0	19.24	19.31	19.30	20.5	0.4
3	QPSK	8	4	19.24	19.32	19.14		
3	QPSK	8	7	19.21	19.23	19.14		
3	QPSK	15	0	19.15	19.28	19.30		
3	16QAM	1	0	19.09	19.24	19.24	20.5	0.4
3	16QAM	1	8	19.13	19.30	19.08		
3	16QAM	1	14	19.17	19.25	19.22		
3	16QAM	8	0	18.14	18.35	18.24	19.5	1.4
3	16QAM	8	4	18.20	18.30	18.19		
3	16QAM	8	7	18.17	18.24	18.29		
3	16QAM	15	0	18.22	18.23	18.31		
3	64QAM	1	0	18.04	18.34	18.15	19.5	1.4
3	64QAM	1	8	18.06	18.28	18.17		
3	64QAM	1	14	18.27	18.20	18.14		
3	64QAM	8	0	17.09	17.28	17.20	18.5	2.4
3	64QAM	8	4	17.09	17.28	17.12		
3	64QAM	8	7	17.27	17.27	17.22		
3	64QAM	15	0	17.13	17.34	17.32		
3	256QAM	1	0	15.17	15.30	15.20	16.5	4.4
3	256QAM	1	8	15.16	15.21	15.17		
3	256QAM	1	14	15.18	15.22	15.28		
3	256QAM	8	0	15.32	15.31	15.34	16.5	4.4
3	256QAM	8	4	15.08	15.28	15.26		
3	256QAM	8	7	15.03	15.29	15.15		
3	256QAM	15	0	15.14	15.25	15.10		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.73	19.84	19.80	20.9	0
1.4	QPSK	1	3	19.80	19.75	19.77		
1.4	QPSK	1	5	19.83	19.76	19.79		
1.4	QPSK	3	0	19.76	19.84	19.83		
1.4	QPSK	3	1	19.76	19.83	19.77		
1.4	QPSK	3	3	19.80	19.78	19.76		
1.4	QPSK	6	0	19.19	19.25	19.29	20.5	0.4
1.4	16QAM	1	0	19.19	19.27	19.17	20.5	0.4
1.4	16QAM	1	3	19.21	19.28	19.21		
1.4	16QAM	1	5	19.21	19.23	19.29		
1.4	16QAM	3	0	19.15	19.25	19.21		
1.4	16QAM	3	1	19.16	19.28	19.11		
1.4	16QAM	3	3	19.24	19.24	19.20		
1.4	16QAM	6	0	18.22	18.41	18.28	19.5	1.4
1.4	64QAM	1	0	18.16	18.29	18.21	19.5	1.4
1.4	64QAM	1	3	18.23	18.38	18.27		
1.4	64QAM	1	5	18.19	18.24	18.24		
1.4	64QAM	3	0	18.23	18.23	18.28		
1.4	64QAM	3	1	18.31	18.26	18.27		
1.4	64QAM	3	3	18.12	18.28	18.10		
1.4	64QAM	6	0	17.18	17.30	17.22	18.5	2.4
1.4	256QAM	1	0	15.15	15.34	15.27	16.5	4.4
1.4	256QAM	1	3	15.17	15.25	15.23		
1.4	256QAM	1	5	15.23	15.17	15.28		
1.4	256QAM	3	0	15.30	15.27	15.38		
1.4	256QAM	3	1	15.06	15.36	15.31		
1.4	256QAM	3	3	15.06	15.23	15.11		
1.4	256QAM	6	0	15.21	15.24	15.13	16.5	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.28	20.33	20.29	21.5	0
20	QPSK	1	49	20.10	20.31	20.18		
20	QPSK	1	99	20.16	20.25	20.23		
20	QPSK	50	0	19.24	19.32	19.29	20.5	1
20	QPSK	50	24	19.25	19.31	19.14		
20	QPSK	50	50	19.21	19.29	19.23		
20	QPSK	100	0	19.21	19.29	19.28		
20	16QAM	1	0	19.13	19.25	19.22	20.5	1
20	16QAM	1	49	19.17	19.27	19.14		
20	16QAM	1	99	19.19	19.31	19.17		
20	16QAM	50	0	18.23	18.35	18.24	19.5	2
20	16QAM	50	24	18.21	18.30	18.24		
20	16QAM	50	50	18.24	18.25	18.25		
20	16QAM	100	0	18.26	18.35	18.35		
20	64QAM	1	0	18.06	18.38	18.14	19.5	2
20	64QAM	1	49	18.05	18.33	18.20		
20	64QAM	1	99	18.26	18.15	18.19		
20	64QAM	50	0	17.10	17.27	17.30	18.5	3
20	64QAM	50	24	17.10	17.27	17.11		
20	64QAM	50	50	17.21	17.23	17.20		
20	64QAM	100	0	17.13	17.30	17.36		
20	256QAM	1	0	15.09	15.29	15.24	16.5	5
20	256QAM	1	49	15.21	15.19	15.24		
20	256QAM	1	99	15.18	15.16	15.20		
20	256QAM	50	0	15.33	15.31	15.36	16.5	5
20	256QAM	50	24	15.01	15.32	15.28		
20	256QAM	50	50	15.09	15.22	15.09		
20	256QAM	100	0	15.12	15.25	15.10		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.25	20.31	20.30	21.5	0
15	QPSK	1	37	20.12	20.32	20.22		
15	QPSK	1	74	20.19	20.16	20.30		
15	QPSK	36	0	19.28	19.32	19.29	20.5	1
15	QPSK	36	20	19.20	19.26	19.12		
15	QPSK	36	39	19.15	19.29	19.13		
15	QPSK	75	0	19.18	19.23	19.32		
15	16QAM	1	0	19.08	19.25	19.27	20.5	1
15	16QAM	1	37	19.16	19.37	19.11		
15	16QAM	1	74	19.23	19.22	19.23		
15	16QAM	36	0	18.19	18.33	18.27	19.5	2
15	16QAM	36	20	18.16	18.30	18.25		
15	16QAM	36	39	18.24	18.24	18.27		
15	16QAM	75	0	18.27	18.29	18.25		
15	64QAM	1	0	18.13	18.37	18.18	19.5	2
15	64QAM	1	37	18.11	18.36	18.18		
15	64QAM	1	74	18.26	18.25	18.10		
15	64QAM	36	0	17.14	17.32	17.27	18.5	3
15	64QAM	36	20	17.17	17.19	17.22		
15	64QAM	36	39	17.19	17.25	17.24		
15	64QAM	75	0	17.18	17.40	17.34		
15	256QAM	1	0	15.20	15.37	15.21	16.5	5
15	256QAM	1	37	15.21	15.29	15.26		
15	256QAM	1	74	15.20	15.19	15.28		
15	256QAM	36	0	15.33	15.29	15.33	16.5	5
15	256QAM	36	20	15.06	15.35	15.32		
15	256QAM	36	39	15.09	15.31	15.19		
15	256QAM	75	0	15.17	15.28	15.12		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.28	20.25	20.31	21.5	0
10	QPSK	1	25	20.08	20.26	20.17		
10	QPSK	1	49	20.17	20.16	20.29		
10	QPSK	25	0	19.28	19.27	19.27	20.5	1
10	QPSK	25	12	19.25	19.34	19.17		
10	QPSK	25	25	19.18	19.22	19.16		
10	QPSK	50	0	19.16	19.29	19.32		
10	16QAM	1	0	19.06	19.34	19.16	20.5	1
10	16QAM	1	25	19.18	19.26	19.11		
10	16QAM	1	49	19.26	19.29	19.21		
10	16QAM	25	0	18.22	18.29	18.31	19.5	2
10	16QAM	25	12	18.16	18.25	18.22		
10	16QAM	25	25	18.17	18.20	18.31		
10	16QAM	50	0	18.26	18.32	18.34		
10	64QAM	1	0	18.06	18.33	18.19	19.5	2
10	64QAM	1	25	18.06	18.26	18.19		
10	64QAM	1	49	18.19	18.24	18.12		
10	64QAM	25	0	17.10	17.27	17.23	18.5	3
10	64QAM	25	12	17.15	17.26	17.19		
10	64QAM	25	25	17.28	17.22	17.21		
10	64QAM	50	0	17.12	17.36	17.33		
10	256QAM	1	0	15.20	15.38	15.16	16.5	5
10	256QAM	1	25	15.19	15.23	15.27		
10	256QAM	1	49	15.26	15.21	15.29		
10	256QAM	25	0	15.30	15.31	15.31	16.5	5
10	256QAM	25	12	15.00	15.31	15.25		
10	256QAM	25	25	15.03	15.25	15.09		
10	256QAM	50	0	15.22	15.25	15.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.29	20.25	20.25	21.5	0
5	QPSK	1	12	20.05	20.31	20.15		
5	QPSK	1	24	20.26	20.24	20.31		
5	QPSK	12	0	19.22	19.28	19.32	20.5	1
5	QPSK	12	7	19.22	19.30	19.16		
5	QPSK	12	13	19.25	19.25	19.12		
5	QPSK	25	0	19.22	19.27	19.28		
5	16QAM	1	0	19.11	19.34	19.24	20.5	1
5	16QAM	1	12	19.21	19.27	19.14		
5	16QAM	1	24	19.23	19.27	19.21		
5	16QAM	12	0	18.17	18.39	18.24	19.5	2
5	16QAM	12	7	18.21	18.32	18.17		
5	16QAM	12	13	18.25	18.19	18.31		
5	16QAM	25	0	18.25	18.34	18.31		
5	64QAM	1	0	18.05	18.29	18.17	19.5	2
5	64QAM	1	12	18.08	18.32	18.15		
5	64QAM	1	24	18.21	18.19	18.13		
5	64QAM	12	0	17.09	17.24	17.26	18.5	3
5	64QAM	12	7	17.15	17.19	17.12		
5	64QAM	12	13	17.29	17.24	17.23		
5	64QAM	25	0	17.21	17.40	17.30		
5	256QAM	1	0	15.19	15.29	15.22	16.5	5
5	256QAM	1	12	15.21	15.25	15.16		
5	256QAM	1	24	15.20	15.16	15.25		
5	256QAM	12	0	15.33	15.29	15.28	16.5	5
5	256QAM	12	7	15.04	15.31	15.32		
5	256QAM	12	13	15.10	15.31	15.14		
5	256QAM	25	0	15.18	15.29	15.11		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.27	20.29	20.30	21.5	0
3	QPSK	1	8	20.11	20.28	20.22		
3	QPSK	1	14	20.26	20.23	20.25		
3	QPSK	8	0	19.19	19.30	19.30	20.5	1
3	QPSK	8	4	19.26	19.27	19.09		
3	QPSK	8	7	19.15	19.24	19.20		
3	QPSK	15	0	19.15	19.35	19.31		
3	16QAM	1	0	19.10	19.26	19.21	20.5	1
3	16QAM	1	8	19.12	19.29	19.09		
3	16QAM	1	14	19.21	19.21	19.20		
3	16QAM	8	0	18.15	18.29	18.30	19.5	2
3	16QAM	8	4	18.18	18.29	18.20		
3	16QAM	8	7	18.17	18.26	18.29		
3	16QAM	15	0	18.20	18.33	18.35		
3	64QAM	1	0	18.15	18.28	18.10	19.5	2
3	64QAM	1	8	18.13	18.26	18.16		
3	64QAM	1	14	18.27	18.23	18.15		
3	64QAM	8	0	17.07	17.29	17.21	18.5	3
3	64QAM	8	4	17.11	17.26	17.20		
3	64QAM	8	7	17.25	17.32	17.16		
3	64QAM	15	0	17.11	17.36	17.30		
3	256QAM	1	0	15.08	15.34	15.24	16.5	5
3	256QAM	1	8	15.20	15.26	15.26		
3	256QAM	1	14	15.26	15.19	15.25		
3	256QAM	8	0	15.32	15.36	15.33	16.5	5
3	256QAM	8	4	15.04	15.37	15.32		
3	256QAM	8	7	15.02	15.26	15.12		
3	256QAM	15	0	15.16	15.30	15.07		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.16	20.14	20.20	21.5	0
1.4	QPSK	1	3	20.08	20.19	20.02		
1.4	QPSK	1	5	20.18	20.19	20.13		
1.4	QPSK	3	0	20.16	20.27	20.16		
1.4	QPSK	3	1	20.06	20.22	20.12		
1.4	QPSK	3	3	20.06	20.07	20.19		
1.4	QPSK	6	0	19.07	19.21	19.24	20.5	1
1.4	16QAM	1	0	19.13	19.17	19.05	20.5	1
1.4	16QAM	1	3	19.14	19.19	19.15		
1.4	16QAM	1	5	19.16	19.11	19.17		
1.4	16QAM	3	0	19.05	19.21	19.10		
1.4	16QAM	3	1	19.05	19.20	19.05		
1.4	16QAM	3	3	19.18	19.16	19.14		
1.4	16QAM	6	0	18.10	18.28	18.25	19.5	2
1.4	64QAM	1	0	18.14	18.19	18.07	19.5	2
1.4	64QAM	1	3	18.20	18.26	18.18		
1.4	64QAM	1	5	18.08	18.11	18.20		
1.4	64QAM	3	0	18.17	18.09	18.14		
1.4	64QAM	3	1	18.24	18.14	18.20		
1.4	64QAM	3	3	18.02	18.15	18.00		
1.4	64QAM	6	0	17.13	17.24	17.20	18.5	3
1.4	256QAM	1	0	15.10	15.26	15.19	16.5	5
1.4	256QAM	1	3	15.05	15.12	15.10		
1.4	256QAM	1	5	15.10	15.08	15.22		
1.4	256QAM	3	0	15.17	15.18	15.33		
1.4	256QAM	3	1	15.03	15.32	15.18		
1.4	256QAM	3	3	15.02	15.13	15.02		
1.4	256QAM	6	0	15.15	15.21	15.01	16.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.45	22.46	22.43	24	0
10	QPSK	1	25	22.27	22.41	22.34		
10	QPSK	1	49	22.36	22.42	22.39		
10	QPSK	25	0	21.42	21.52	21.47	23	1
10	QPSK	25	12	21.43	21.42	21.32		
10	QPSK	25	25	21.44	21.45	21.44		
10	QPSK	50	0	21.43	21.49	21.48

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.24	21.27	21.17	22.3	0
20	QPSK	1	49	21.11	21.16	21.09		
20	QPSK	1	99	21.08	21.22	21.17		
20	QPSK	50	0	20.24	20.28	20.26	21.5	0.8
20	QPSK	50	24	20.24	20.22	20.21		
20	QPSK	50	50	20.24	20.23	20.27		
20	QPSK	100	0	20.26	20.27	20.25		
20	16QAM	1	0	20.26	20.21	20.24	21.5	0.8
20	16QAM	1	49	20.21	20.22	20.29		
20	16QAM	1	99	20.20	20.24	20.24		
20	16QAM	50	0	19.24	19.35	19.17	20.5	1.8
20	16QAM	50	24	19.20	19.29	19.30		
20	16QAM	50	50	19.25	19.28	19.20		
20	16QAM	100	0	19.29	19.32	19.29		
20	64QAM	1	0	19.08	19.34	19.08	20.5	1.8
20	64QAM	1	49	19.06	19.38	19.21		
20	64QAM	1	99	19.26	19.07	19.22		
20	64QAM	50	0	18.02	18.34	18.29	19.5	2.8
20	64QAM	50	24	18.09	18.31	18.15		
20	64QAM	50	50	18.25	18.20	18.09		
20	64QAM	100	0	18.18	18.38	18.46		
20	256QAM	1	0	16.05	16.28	16.27	17.5	4.8
20	256QAM	1	49	16.15	16.14	16.22		
20	256QAM	1	99	16.23	16.16	16.30		
20	256QAM	50	0	16.34	16.41	16.36	17.5	4.8
20	256QAM	50	24	16.00	16.22	16.28		
20	256QAM	50	50	16.08	16.18	16.09		
20	256QAM	100	0	16.09	16.19	16.08		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.19	21.15	21.13	22.3	0
15	QPSK	1	37	21.00	21.14	21.05		
15	QPSK	1	74	20.98	21.15	21.15		
15	QPSK	36	0	20.13	20.18	20.17	21.5	0.8
15	QPSK	36	20	20.22	20.20	20.13		
15	QPSK	36	39	20.14	20.19	20.14		
15	QPSK	75	0	20.12	20.19	20.21		
15	16QAM	1	0	20.21	20.15	20.19	21.5	0.8
15	16QAM	1	37	20.20	20.22	20.22		
15	16QAM	1	74	20.11	20.19	20.21		
15	16QAM	36	0	19.22	19.29	19.13	20.5	1.8
15	16QAM	36	20	19.11	19.14	19.28		
15	16QAM	36	39	19.28	19.25	19.15		
15	16QAM	75	0	19.18	19.26	19.30		
15	64QAM	1	0	19.00	19.31	19.04	20.5	1.8
15	64QAM	1	37	19.04	19.36	19.11		
15	64QAM	1	74	19.18	19.00	19.17		
15	64QAM	36	0	17.95	18.29	18.18	19.5	2.8
15	64QAM	36	20	18.02	18.25	17.98		
15	64QAM	36	39	18.13	18.20	18.13		
15	64QAM	75	0	18.01	18.29	18.36		
15	256QAM	1	0	16.04	16.17	16.20	17.5	4.8
15	256QAM	1	37	16.07	16.11	16.21		
15	256QAM	1	74	16.14	16.06	16.14		
15	256QAM	36	0	16.34	16.29	16.25	17.5	4.8
15	256QAM	36	20	15.97	16.17	16.23		
15	256QAM	36	39	16.02	16.23	16.00		
15	256QAM	75	0	16.08	16.14	16.06		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.21	21.21	21.19	22.3	0
10	QPSK	1	25	21.02	21.17	21.03		
10	QPSK	1	49	20.99	21.13	21.16		
10	QPSK	25	0	20.11	20.20	20.12	21.5	0.8
10	QPSK	25	12	20.14	20.17	20.12		
10	QPSK	25	25	20.17	20.19	20.21		
10	QPSK	50	0	20.13	20.19	20.13		
10	16QAM	1	0	20.22	20.19	20.12	21.5	0.8
10	16QAM	1	25	20.12	20.22	20.16		
10	16QAM	1	49	20.16	20.18	20.13		
10	16QAM	25	0	19.24	19.19	19.06	20.5	1.8
10	16QAM	25	12	19.06	19.17	19.26		
10	16QAM	25	25	19.27	19.21	19.19		
10	16QAM	50	0	19.24	19.27	19.30		
10	64QAM	1	0	19.09	19.31	19.10	20.5	1.8
10	64QAM	1	25	19.02	19.35	19.15		
10	64QAM	1	49	19.25	19.02	19.22		
10	64QAM	25	0	18.05	18.29	18.19	19.5	2.8
10	64QAM	25	12	18.09	18.23	18.02		
10	64QAM	25	25	18.15	18.10	18.08		
10	64QAM	50	0	18.09	18.25	18.32		
10	256QAM	1	0	16.06	16.25	16.27	17.5	4.8
10	256QAM	1	25	16.07	16.13	16.24		
10	256QAM	1	49	16.18	15.99	16.23		
10	256QAM	25	0	16.27	16.28	16.31	17.5	4.8
10	256QAM	25	12	15.95	16.16	16.25		
10	256QAM	25	25	15.94	16.13	15.92		
10	256QAM	50	0	16.03	16.15	16.02		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.17	21.19	21.12	22.3	0
5	QPSK	1	12	21.04	21.15	21.03		
5	QPSK	1	24	21.08	21.13	21.18		
5	QPSK	12	0	20.21	20.18	20.17	21.5	0.8
5	QPSK	12	7	20.23	20.19	20.21		
5	QPSK	12	13	20.15	20.17	20.20		
5	QPSK	25	0	20.17	20.16	20.16		
5	16QAM	1	0	20.19	20.11	20.16	21.5	0.8
5	16QAM	1	12	20.15	20.20	20.20		
5	16QAM	1	24	20.18	20.12	20.14		
5	16QAM	12	0	19.19	19.29	19.08	20.5	1.8
5	16QAM	12	7	19.09	19.21	19.21		
5	16QAM	12	13	19.21	19.23	19.09		
5	16QAM	25	0	19.21	19.20	19.21		
5	64QAM	1	0	18.99	19.27	19.07	20.5	1.8
5	64QAM	1	12	18.97	19.30	19.18		
5	64QAM	1	24	19.23	19.09	19.20		
5	64QAM	12	0	17.96	18.25	18.18	19.5	2.8
5	64QAM	12	7	18.10	18.20	18.03		
5	64QAM	12	13	18.10	18.16	18.03		
5	64QAM	25	0	18.01	18.27	18.35		
5	256QAM	1	0	15.98	16.24	16.16	17.5	4.8
5	256QAM	1	12	16.06	16.17	16.25		
5	256QAM	1	24	16.13	16.10	16.13		
5	256QAM	12	0	16.26	16.25	16.30	17.5	4.8
5	256QAM	12	7	16.00	16.23	16.26		
5	256QAM	12	13	16.00	16.14	16.02		
5	256QAM	25	0	16.05	16.08	16.00		

Band 12 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.47	22.51	22.50	24	0
10	QPSK	1	25	22.35	22.39	22.32		
10	QPSK	1	49	22.30	22.50	22.47		
10	QPSK	25	0	21.40	21.50	21.45	23	1
10	QPSK	25	12	21.42	21.49	21.33		
10	QPSK	25	25	21.46	21.47	21.46		
10	QPSK	50	0	21.44	21.47	21.45		
10	16QAM	1	0	21.38	21.51	21.48	23	1
10	16QAM	1	25	21.31	21.44	21.42		
10	16QAM	1	49	21.40	21.57	21.44		
10	16QAM	25	0	20.47	20.52	20.41	22	2
10	16QAM	25	12	20.37	20.52	20.53		
10	16QAM	25	25	20.56	20.48	20.44		
10	16QAM	50	0	20.55	20.49	20.60		
10	64QAM	1	0	20.28	20.56	20.35	22	2
10	64QAM	1	25	20.33	20.58	20.48		
10	64QAM	1	49	20.54	20.36	20.49		
10	64QAM	25	0	19.23	19.58	19.44	21	3
10	64QAM	25	12	19.40	19.52	19.36		
10	64QAM	25	25	19.42	19.44	19.41		
10	64QAM	50	0	19.32	19.59	19.66		
10	256QAM	1	0	17.29	17.52	17.54	19	5
10	256QAM	1	25	17.41	17.41	17.48		
10	256QAM	1	49	17.44	17.30	17.49		
10	256QAM	25	0	17.62	17.64	17.53	19	5
10	256QAM	25	12	17.22	17.46	17.57		
10	256QAM	25	25	17.26	17.47	17.25		
10	256QAM	50	0	17.34	17.48	17.28		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.46	22.41	22.39	24	0
5	QPSK	1	12	22.25	22.36	22.33		
5	QPSK	1	24	22.22	22.33	22.29		
5	QPSK	12	0	21.36	21.42	21.42	23	1
5	QPSK	12	7	21.37	21.40	21.27		
5	QPSK	12	13	21.36	21.45	21.35		
5	QPSK	25	0	21.43	21.33	21.41		
5	16QAM	1	0	21.37	21.40	21.46	23	1
5	16QAM	1	12	21.28	21.36	21.32		
5	16QAM	1	24	21.35	21.53	21.32		
5	16QAM	12	0	20.40	20.41	20.37	22	2
5	16QAM	12	7	20.27	20.41	20.41		
5	16QAM	12	13	20.49	20.49	20.34		
5	16QAM	25	0	20.45	20.52	20.51		
5	64QAM	1	0	20.25	20.47	20.30	22	2
5	64QAM	1	12	20.18	20.54	20.41		
5	64QAM	1	24	20.44	20.27	20.40		
5	64QAM	12	0	19.20	19.48	19.41	21	3
5	64QAM	12	7	19.29	19.49	19.24		
5	64QAM	12	13	19.32	19.43	19.33		
5	64QAM	25	0	19.25	19.56	19.55		
5	256QAM	1	0	17.29	17.48	17.49	19	5
5	256QAM	1	12	17.34	17.35	17.46		
5	256QAM	1	24	17.42	17.28	17.38		
5	256QAM	12	0	17.55	17.47	17.52	19	5
5	256QAM	12	7	17.21	17.45	17.45		
5	256QAM	12	13	17.27	17.38	17.25		
5	256QAM	25	0	17.24	17.34	17.22		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.43	22.46	22.44	24	0
3	QPSK	1	8	22.19	22.40	22.28		
3	QPSK	1	14	22.29	22.38	22.34		
3	QPSK	8	0	21.35	21.42	21.44	23	1
3	QPSK	8	4	21.44	21.36	21.31		
3	QPSK	8	7	21.36	21.39	21.44		
3	QPSK	15	0	21.43	21.34	21.40		
3	16QAM	1	0	21.39	21.38	21.38	23	1
3	16QAM	1	8	21.36	21.36	21.28		
3	16QAM	1	14	21.36	21.53	21.36		
3	16QAM	8	0	20.40	20.44	20.30	22	2
3	16QAM	8	4	20.35	20.46	20.52		
3	16QAM	8	7	20.44	20.46	20.38		
3	16QAM	15	0	20.42	20.46	20.47		
3	64QAM	1	0	20.26	20.53	20.30	22	2
3	64QAM	1	8	20.20	20.54	20.38		
3	64QAM	1	14	20.47	20.32	20.37		
3	64QAM	8	0	19.22	19.41	19.41	21	3
3	64QAM	8	4	19.25	19.48	19.26		
3	64QAM	8	7	19.39	19.35	19.36		
3	64QAM	15	0	19.30	19.46	19.62		
3	256QAM	1	0	17.25	17.47	17.44	19	5
3	256QAM	1	8	17.27	17.31	17.39		
3	256QAM	1	14	17.33	17.28	17.39		
3	256QAM	8	0	17.53	17.50	17.54	19	5
3	256QAM	8	4	17.23	17.38	17.51		
3	256QAM	8	7	17.26	17.39	17.17		
3	256QAM	15	0	17.26	17.33	17.25		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.37	22.30	22.34	24	0
1.4	QPSK	1	3	22.23	22.32	22.19		
1.4	QPSK	1	5	22.31	22.28	22.23		
1.4	QPSK	3	0	22.28	22.37	22.25		
1.4	QPSK	3	1	22.25	22.43	22.27		
1.4	QPSK	3	3	22.16	22.26	22.33		
1.4	QPSK	6	0	21.23	21.38	21.35	23	1
1.4	16QAM	1	0	21.22	21.30	21.24	23	1
1.4	16QAM	1	3	21.24	21.37	21.32		
1.4	16QAM	1	5	21.29	21.27	21.32		
1.4	16QAM	3	0	21.22	21.31	21.30		
1.4	16QAM	3	1	21.23	21.34	21.24		
1.4	16QAM	3	3	21.28	21.28	21.34		
1.4	16QAM	6	0	20.28	20.40	20.39	22	2
1.4	64QAM	1	0	20.27	20.34	20.27	22	2
1.4	64QAM	1	3	20.31	20.36	20.35		
1.4	64QAM	1	5	20.26	20.29	20.36		
1.4	64QAM	3	0	20.37	20.21	20.29		
1.4	64QAM	3	1	20.34	20.23	20.38		
1.4	64QAM	3	3	20.17	20.29	20.14		
1.4	64QAM	6	0	19.25	19.42	19.38	21	3
1.4	256QAM	1	0	17.19	17.42	17.38	19	5
1.4	256QAM	1	3	17.23	17.24	17.22		
1.4	256QAM	1	5	17.31	17.25	17.40		
1.4	256QAM	3	0	17.29	17.39	17.44		
1.4	256QAM	3	1	17.19	17.50	17.31		
1.4	256QAM	3	3	17.13	17.24	17.11		
1.4	256QAM	6	0	17.32	17.34	17.10	19	5

Band 13 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.47		24	0
10	QPSK	1	25		22.37			
10	QPSK	1	49		22.40			
10	QPSK	25	0		21.45		23	1
10	QPSK	25	12		21.44			
10	QPSK	25	25		21.44			
10	QPSK	50	0		21.42			
10	16QAM	1	0		21.50		23	1
10	16QAM	1	25		21.45			
10	16QAM	1	49		21.59			
10	16QAM	25	0		20.55		22	2
10	16QAM	25	12		20.44			
10	16QAM	25	25		20.53			
10	16QAM	50	0		20.54			
10	64QAM	1	0		20.59		22	2
10	64QAM	1	25		20.54			
10	64QAM	1	49		20.31			
10	64QAM	25	0		19.51		21	3
10	64QAM	25	12		19.54			
10	64QAM	25	25		19.36			
10	64QAM	50	0		19.53			
10	256QAM	1	0		17.51		19	5
10	256QAM	1	25		17.43			
10	256QAM	1	49		17.27			
10	256QAM	25	0		17.56		19	5
10	256QAM	25	12		17.44			
10	256QAM	25	25		17.39			
10	256QAM	50	0		17.42			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.42	22.43	22.46	24	0
5	QPSK	1	12	22.25	22.45	22.32		
5	QPSK	1	24	22.29	22.36	22.45		
5	QPSK	12	0	21.44	21.46	21.48	23	1
5	QPSK	12	7	21.43	21.45	21.32		
5	QPSK	12	13	21.49	21.47	21.44		
5	QPSK	25	0	21.45	21.47	21.45		
5	16QAM	1	0	21.32	21.46	21.45	23	1
5	16QAM	1	12	21.39	21.43	21.40		
5	16QAM	1	24	21.40	21.61	21.35		
5	16QAM	12	0	20.50	20.46	20.39	22	2
5	16QAM	12	7	20.36	20.48	20.52		
5	16QAM	12	13	20.53	20.42	20.37		
5	16QAM	25	0	20.46	20.48	20.51		
5	64QAM	1	0	20.26	20.53	20.36	22	2
5	64QAM	1	12	20.24	20.53	20.39		
5	64QAM	1	24	20.50	20.33	20.42		
5	64QAM	12	0	19.26	19.46	19.48	21	3
5	64QAM	12	7	19.33	19.44	19.30		
5	64QAM	12	13	19.41	19.41	19.29		
5	64QAM	25	0	19.27	19.58	19.54		
5	256QAM	1	0	17.25	17.47	17.42	19	5
5	256QAM	1	12	17.30	17.41	17.46		
5	256QAM	1	24	17.45	17.27	17.45		
5	256QAM	12	0	17.51	17.55	17.49	19	5
5	256QAM	12	7	17.25	17.44	17.56		
5	256QAM	12	13	17.21	17.43	17.22		
5	256QAM	25	0	17.33	17.38	17.26		

Band 17 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.49	22.52	22.43	24	0
10	QPSK	1	25	22.33	22.43	22.35		
10	QPSK	1	49	22.33	22.42	22.38		
10	QPSK	25	0	21.46	21.53	21.45	23	1
10	QPSK	25	12	21.51	21.49	21.36		
10	QPSK	25	25	21.45	21.43	21.51		
10	QPSK	50	0	21.42	21.50	21.43		
10	16QAM	1	0	21.36	21.44	21.47	23	1
10	16QAM	1	25	21.38	21.54	21.35		
10	16QAM	1	49	21.41	21.57	21.40		
10	16QAM	25	0	20.45	20.56	20.41	22	2
10	16QAM	25	12	20.42	20.50	20.59		
10	16QAM	25	25	20.47	20.45	20.50		
10	16QAM	50	0	20.51	20.61	20.62		
10	64QAM	1	0	20.36	20.56	20.41	22	2
10	64QAM	1	25	20.29	20.59	20.44		
10	64QAM	1	49	20.46	20.38	20.43		
10	64QAM	25	0	19.25	19.51	19.54	21	3
10	64QAM	25	12	19.39	19.50	19.34		
10	64QAM	25	25	19.51	19.39	19.37		
10	64QAM	50	0	19.40	19.62	19.59		
10	256QAM	1	0	17.33	17.47	17.54	19	5
10	256QAM	1	25	17.44	17.45	17.50		
10	256QAM	1	49	17.49	17.38	17.50		
10	256QAM	25	0	17.56	17.62	17.60	19	5
10	256QAM	25	12	17.33	17.54	17.53		
10	256QAM	25	25	17.31	17.43	17.21		
10	256QAM	50	0	17.37	17.39	17.31		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.41	22.46	22.33	24	0
5	QPSK	1	12	22.25	22.35	22.31		
5	QPSK	1	24	22.26	22.33	22.35		
5	QPSK	12	0	21.42	21.41	21.44	23	1
5	QPSK	12	7	21.37	21.33	21.25		
5	QPSK	12	13	21.40	21.38	21.43		
5	QPSK	25	0	21.37	21.43	21.37		
5	16QAM	1	0	21.31	21.42	21.42	23	1
5	16QAM	1	12	21.34	21.44	21.34		
5	16QAM	1	24	21.36	21.49	21.35		
5	16QAM	12	0	20.44	20.48	20.33	22	2
5	16QAM	12	7	20.33	20.41	20.48		
5	16QAM	12	13	20.42	20.43	20.32		
5	16QAM	25	0	20.47	20.46	20.52		
5	64QAM	1	0	20.26	20.54	20.29	22	2
5	64QAM	1	12	20.23	20.54	20.39		
5	64QAM	1	24	20.38	20.22	20.37		
5	64QAM	12	0	19.28	19.43	19.37	21	3
5	64QAM	12	7	19.33	19.43	19.26		
5	64QAM	12	13	19.36	19.39	19.35		
5	64QAM	25	0	19.24	19.56	19.60		
5	256QAM	1	0	17.23	17.49	17.48	19	5
5	256QAM	1	12	17.37	17.33	17.37		
5	256QAM	1	24	17.40	17.25	17.45		
5	256QAM	12	0	17.54	17.55	17.55	19	5
5	256QAM	12	7	17.25	17.48	17.50		
5	256QAM	12	13	17.22	17.43	17.18		
5	256QAM	25	0	17.25	17.38	17.30		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.44	22.52	22.44	24	0
15	QPSK	1	37	22.29	22.36	22.34		
15	QPSK	1	74	22.33	22.47	22.44		
15	QPSK	36	0	21.40	21.51	21.43	23	1
15	QPSK	36	20	21.39	21.42	21.27		
15	QPSK	36	39	21.39	21.40	21.38		
15	QPSK	75	0	21.40	21.47	21.46		
15	16QAM	1	0	21.34	21.43	21.50	23	1
15	16QAM	1	37	21.38	21.51	21.30		
15	16QAM	1	74	21.35	21.57	21.40		
15	16QAM	36	0	20.48	20.56	20.35	22	2
15	16QAM	36	20	20.40	20.50	20.53		
15	16QAM	36	39	20.55	20.42	20.42		
15	16QAM	75	0	20.51	20.57	20.53		
15	64QAM	1	0	20.34	20.53	20.29	22	2
15	64QAM	1	37	20.23	20.58	20.45		
15	64QAM	1	74	20.52	20.26	20.48		
15	64QAM	36	0	19.30	19.55	19.51	21	3
15	64QAM	36	20	19.34	19.50	19.34		
15	64QAM	36	39	19.37	19.35	19.30		
15	64QAM	75	0	19.35	19.60	19.55		
15	256QAM	1	0	17.25	17.47	17.53	19	5
15	256QAM	1	37	17.31	17.44	17.50		
15	256QAM	1	74	17.38	17.29	17.48		
15	256QAM	36	0	17.58	17.53	17.50	19	5
15	256QAM	36	20	17.19	17.48	17.47		
15	256QAM	36	39	17.24	17.41	17.17		
15	256QAM	75	0	17.38	17.45	17.31		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.42	22.47	22.39	24	0
10	QPSK	1	25	22.23	22.43	22.25		
10	QPSK	1	49	22.32	22.37	22.34		
10	QPSK	25	0	21.34	21.41	21.42	23	1
10	QPSK	25	12	21.37	21.42	21.23		
10	QPSK	25	25	21.41	21.39	21.45		
10	QPSK	50	0	21.43	21.43	21.44		
10	16QAM	1	0	21.33	21.38	21.46	23	1
10	16QAM	1	25	21.27	21.44	21.34		
10	16QAM	1	49	21.31	21.56	21.32		
10	16QAM	25	0	20.42	20.50	20.34	22	2
10	16QAM	25	12	20.33	20.35	20.43		
10	16QAM	25	25	20.49	20.43	20.40		
10	16QAM	50	0	20.46	20.51	20.55		
10	64QAM	1	0	20.23	20.49	20.31	22	2
10	64QAM	1	25	20.24	20.57	20.34		
10	64QAM	1	49	20.49	20.27	20.39		
10	64QAM	25	0	19.26	19.46	19.39	21	3
10	64QAM	25	12	19.34	19.42	19.29		
10	64QAM	25	25	19.36	19.39	19.36		
10	64QAM	50	0	19.23	19.53	19.55		
10	256QAM	1	0	17.27	17.44	17.41	19	5
10	256QAM	1	25	17.31	17.40	17.45		
10	256QAM	1	49	17.38	17.34	17.46		
10	256QAM	25	0	17.47	17.48	17.55	19	5
10	256QAM	25	12	17.27	17.40	17.49		
10	256QAM	25	25	17.27	17.35	17.14		
10	256QAM	50	0	17.29	17.34	17.25		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.40	22.40	22.42	24	0
5	QPSK	1	12	22.22	22.35	22.36		
5	QPSK	1	24	22.23	22.34	22.38		
5	QPSK	12	0	21.39	21.37	21.40	23	1
5	QPSK	12	7	21.41	21.43	21.30		
5	QPSK	12	13	21.34	21.36	21.34		
5	QPSK	25	0	21.45	21.43	21.41		
5	16QAM	1	0	21.37	21.45	21.36	23	1
5	16QAM	1	12	21.27	21.38	21.30		
5	16QAM	1	24	21.38	21.50	21.34		
5	16QAM	12	0	20.48	20.46	20.38	22	2
5	16QAM	12	7	20.28	20.41	20.49		
5	16QAM	12	13	20.40	20.39	20.37		
5	16QAM	25	0	20.44	20.51	20.46		
5	64QAM	1	0	20.26	20.56	20.27	22	2
5	64QAM	1	12	20.19	20.55	20.32		
5	64QAM	1	24	20.48	20.28	20.45		
5	64QAM	12	0	19.18	19.47	19.40	21	3
5	64QAM	12	7	19.25	19.46	19.32		
5	64QAM	12	13	19.32	19.33	19.27		
5	64QAM	25	0	19.29	19.52	19.60		
5	256QAM	1	0	17.26	17.40	17.44	19	5
5	256QAM	1	12	17.31	17.31	17.42		
5	256QAM	1	24	17.39	17.33	17.39		
5	256QAM	12	0	17.57	17.54	17.51	19	5
5	256QAM	12	7	17.17	17.47	17.50		
5	256QAM	12	13	17.24	17.37	17.17		
5	256QAM	25	0	17.23	17.39	17.25		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.40	22.39	22.37	24	0
3	QPSK	1	8	22.19	22.34	22.34		
3	QPSK	1	14	22.21	22.44	22.32		
3	QPSK	8	0	21.34	21.34	21.36	23	1
3	QPSK	8	4	21.44	21.43	21.26		
3	QPSK	8	7	21.35	21.39	21.38		
3	QPSK	15	0	21.33	21.38	21.43		
3	16QAM	1	0	21.29	21.47	21.47	23	1
3	16QAM	8	0	21.28	21.46	21.34		
3	16QAM	1	14	21.34	21.54	21.32		
3	16QAM	8	0	20.45	20.52	20.38	22	2
3	16QAM	8	4	20.37	20.38	20.47		
3	16QAM	8	7	20.49	20.44	20.35		
3	16QAM	15	0	20.45	20.50	20.47		
3	64QAM	1	0	20.33	20.56	20.29	22	2
3	64QAM	1	8	20.21	20.49	20.38		
3	64QAM	1	14	20.46	20.26	20.36		
3	64QAM	8	0	19.25	19.49	19.41	21	3
3	64QAM	8	4	19.31	19.41	19.22		
3	64QAM	8	7	19.39	19.39	19.35		
3	64QAM	15	0	19.32	19.51	19.50		
3	256QAM	1	0	17.23	17.41	17.48	19	5
3	256QAM	1	8	17.37	17.40	17.48		
3	256QAM	1	14	17.41	17.26	17.47		
3	256QAM	8	0	17.58	17.46	17.46	19	5
3	256QAM	8	4	17.26	17.38	17.50		
3	256QAM	8	7	17.16	17.37	17.24		
3	256QAM	15	0	17.27	17.41	17.22		
Channel				26907	26965	27023	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.36	22.27	22.39	24	0
1.4	QPSK	1	3	22.18	22.39	22.17		
1.4	QPSK	1	5	22.32	22.38	22.30		
1.4	QPSK	3	0	22.37	22.42	22.32		
1.4	QPSK	3	1	22.27	22.38	22.27		
1.4	QPSK	3	3	22.20	22.26	22.29		
1.4	QPSK	6	0	21.26	21.41	21.39	23	1
1.4	16QAM	1	0	21.27	21.37	21.21	23	1
1.4	16QAM	1	3	21.30	21.28	21.30		
1.4	16QAM	1	5	21.30	21.31	21.29		
1.4	16QAM	3	0	21.15	21.39	21.24		
1.4	16QAM	3	1	21.20	21.32	21.18		
1.4	16QAM	3	3	21.32	21.33	21.29		
1.4	16QAM	6	0	20.21	20.44	20.45	22	2
1.4	64QAM	1	0	20.30	20.37	20.19	22	2
1.4	64QAM	1	3	20.32	20.40	20.38		
1.4	64QAM	1	5	20.25	20.22	20.36		
1.4	64QAM	3	0	20.37	20.18	20.35		
1.4	64QAM	3	1	20.36	20.25	20.31		
1.4	64QAM	3	3	20.20	20.33	20.10		
1.4	64QAM	6	0	19.28	19.37	19.38	21	3
1.4	256QAM	1	0	17.20	17.42	17.37	19	5
1.4	256QAM	1	3	17.20	17.27	17.22		
1.4	256QAM	1	5	17.26	17.25	17.43		
1.4	256QAM	3	0	17.35	17.36	17.47		
1.4	256QAM	3	1	17.23	17.42	17.28		
1.4	256QAM	3	3	17.20	17.30	17.21		
1.4	256QAM	6	0	17.35	17.34	17.12	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.28	20.37	20.33	21.5	0
20	QPSK	1	49	20.17	20.32	20.15		
20	QPSK	1	99	20.16	20.32	20.22		
20	QPSK	50	0	19.31	19.35	19.31	20.5	1
20	QPSK	50	24	19.23	19.31	19.23		
20	QPSK	50	50	19.18	19.28	19.28		
20	QPSK	100	0	19.24	19.33	19.31		
20	16QAM	1	0	19.13	19.26	19.24	20.5	1
20	16QAM	1	49	19.15	19.27	19.12		
20	16QAM	1	99	19.20	19.32	19.24		
20	16QAM	50	0	18.21	18.38	18.22	19.5	2
20	16QAM	50	24	18.19	18.37	18.28		
20	16QAM	50	50	18.23	18.27	18.22		
20	16QAM	100	0	18.31	18.42	18.35		
20	64QAM	1	0	18.04	18.46	18.18	19.5	2
20	64QAM	1	49	18.03	18.34	18.20		
20	64QAM	1	99	18.36	18.16	18.17		
20	64QAM	50	0	17.11	17.25	17.32	18.5	3
20	64QAM	50	24	17.10	17.31	17.18		
20	64QAM	50	50	17.22	17.20	17.21		
20	64QAM	100	0	17.17	17.32	17.39		
20	256QAM	1	0	15.07	15.30	15.21	16.5	5
20	256QAM	1	49	15.24	15.26	15.33		
20	256QAM	1	99	15.23	15.22	15.21		
20	256QAM	50	0	15.39	15.39	15.36	16.5	5
20	256QAM	50	24	15.08	15.39	15.32		
20	256QAM	50	50	15.13	15.25	15.11		
20	256QAM	100	0	15.12	15.28	15.11		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.29	20.34	20.31	21.5	0
15	QPSK	1	37	20.14	20.34	20.21		
15	QPSK	1	74	20.16	20.25	20.26		
15	QPSK	36	0	19.21	19.32	19.27	20.5	1
15	QPSK	36	20	19.24	19.40	19.14		
15	QPSK	36	39	19.20	19.27	19.24		
15	QPSK	75	0	19.21	19.28	19.30		
15	16QAM	1	0	19.17	19.27	19.28	20.5	1
15	16QAM	1	37	19.21	19.33	19.15		
15	16QAM	1	74	19.19	19.34	19.18		
15	16QAM	36	0	18.22	18.42	18.27	19.5	2
15	16QAM	36	20	18.23	18.37	18.24		
15	16QAM	36	39	18.31	18.24	18.29		
15	16QAM	75	0	18.26	18.38	18.37		
15	64QAM	1	0	18.12	18.45	18.15	19.5	2
15	64QAM	1	37	18.11	18.36	18.17		
15	64QAM	1	74	18.26	18.13	18.24		
15	64QAM	36	0	17.16	17.29	17.33	18.5	3
15	64QAM	36	20	17.08	17.30	17.14		
15	64QAM	36	39	17.25	17.22	17.22		
15	64QAM	75	0	17.12	17.33	17.34		
15	256QAM	1	0	15.14	15.29	15.32	16.5	5
15	256QAM	1	37	15.19	15.16	15.30		
15	256QAM	1	74	15.25	15.14	15.28		
15	256QAM	36	0	15.36	15.30	15.33	16.5	5
15	256QAM	36	20	15.05	15.33	15.33		
15	256QAM	36	39	15.06	15.20	15.15		
15	256QAM	75	0	15.21	15.29	15.09		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.32	20.36	20.36	21.5	0
10	QPSK	1	25	20.07	20.29	20.21		
10	QPSK	1	49	20.14	20.33	20.24		
10	QPSK	25	0	19.22	19.31	19.34	20.5	1
10	QPSK	25	12	19.26	19.34	19.15		
10	QPSK	25	25	19.24	19.39	19.23		
10	QPSK	50	0	19.23	19.28	19.24		
10	16QAM	1	0	19.16	19.28	19.21	20.5	1
10	16QAM	1	25	19.18	19.27	19.16		
10	16QAM	1	49	19.16	19.38	19.21		
10	16QAM	25	0	18.32	18.35	18.21	19.5	2
10	16QAM	25	12	18.20	18.29	18.21		
10	16QAM	25	25	18.29	18.24	18.33		
10	16QAM	50	0	18.24	18.37	18.44		
10	64QAM	1	0	18.11	18.43	18.22	19.5	2
10	64QAM	1	25	18.06	18.35	18.20		
10	64QAM	1	49	18.34	18.23	18.17		
10	64QAM	25	0	17.16	17.30	17.35	18.5	3
10	64QAM	25	12	17.17	17.28	17.11		
10	64QAM	25	25	17.22	17.22	17.21		
10	64QAM	50	0	17.11	17.30	17.39		
10	256QAM	1	0	15.09	15.32	15.29	16.5	5
10	256QAM	1	25	15.26	15.23	15.33		
10	256QAM	1	49	15.18	15.16	15.22		
10	256QAM	25	0	15.34	15.38	15.36	16.5	5
10	256QAM	25	12	15.05	15.29	15.34		
10	256QAM	25	25	15.13	15.21	15.10		
10	256QAM	50	0	15.13	15.32	15.17		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.33	20.33	20.35	21.5	0
5	QPSK	1	12	20.10	20.35	20.20		
5	QPSK	1	24	20.20	20.33	20.26		
5	QPSK	12	0	19.25	19.40	19.28	20.5	1
5	QPSK	12	7	19.31	19.39	19.17		
5	QPSK	12	13	19.23	19.36	19.22		
5	QPSK	25	0	19.23	19.30	19.28		
5	16QAM	1	0	19.18	19.25	19.24	20.5	1
5	16QAM	1	12	19.26	19.28	19.17		
5	16QAM	1	24	19.16	19.34	19.22		
5	16QAM	12	0	18.25	18.38	18.29	19.5	2
5	16QAM	12	7	18.21	18.34	18.28		
5	16QAM	12	13	18.30	18.29	18.24		
5	16QAM	25	0	18.29	18.36	18.34		
5	64QAM	1	0	18.07	18.42	18.20	19.5	2
5	64QAM	1	12	18.12	18.37	18.19		
5	64QAM	1	24	18.32	18.17	18.19		
5	64QAM	12	0	17.18	17.30	17.31	18.5	3
5	64QAM	12	7	17.08	17.25	17.13		
5	64QAM	12	13	17.28	17.21	17.28		
5	64QAM	25	0	17.22	17.27	17.42		
5	256QAM	1	0	15.13	15.32	15.33	16.5	5
5	256QAM	1	12	15.19	15.18	15.25		
5	256QAM	1	24	15.23	15.18	15.23		
5	256QAM	12	0	15.36	15.39	15.43	16.5	5
5	256QAM	12	7	15.00	15.39	15.33		
5	256QAM	12	13	15.10	15.30	15.14		
5	256QAM	25	0	15.19	15.31	15.16		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.34	20.34	20.28	21.5	0
3	QPSK	1	8	20.12	20.34	20.21		
3	QPSK	1	14	20.17	20.32	20.22		
3	QPSK	8	0	19.23	19.41	19.28	20.5	1
3	QPSK	8	4	19.30	19.32	19.20		
3	QPSK	8	7	19.28	19.31	19.26		
3	QPSK	15	0	19.25	19.30	19.32		
3	16QAM	1	0	19.12	19.26	19.23	20.5	1
3	16QAM	1	8	19.15	19.28	19.21		
3	16QAM	1	14	19.23	19.32	19.22		
3	16QAM	8	0	18.24	18.40	18.25	19.5	2
3	16QAM	8	4	18.21	18.34	18.28		
3	16QAM	8	7	18.30	18.23	18.29		
3	16QAM	15	0	18.31	18.38	18.38		
3	64QAM	1	0	18.13	18.39	18.15	19.5	2
3	64QAM	1	8	18.03	18.31	18.17		
3	64QAM	1	14	18.31	18.14	18.17		
3	64QAM	8	0	17.09	17.31	17.28	18.5	3
3	64QAM	8	4	17.16	17.31	17.13		
3	64QAM	8	7	17.22	17.27	17.18		
3	64QAM	15	0	17.17	17.29	17.42		
3	256QAM	1	0	15.11	15.29	15.23	16.5	5
3	256QAM	1	8	15.21	15.22	15.24		
3	256QAM	1	14	15.24	15.15	15.20		
3	256QAM	8	0	15.40	15.37	15.42	16.5	5
3	256QAM	8	4	15.02	15.34	15.34		
3	256QAM	8	7	15.14	15.24	15.12		
3	256QAM	15	0	15.21	15.30	15.15		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.19	20.27	20.23	21.5	0
1.4	QPSK	1	3	20.17	20.30	20.12		
1.4	QPSK	1	5	20.25	20.20	20.16		
1.4	QPSK	3	0	20.17	20.32	20.22		
1.4	QPSK	3	1	20.10	20.24	20.17		
1.4	QPSK	3	3	20.16	20.22	20.28		
1.4	QPSK	6	0	19.19	19.24	19.32	20.5	1
1.4	16QAM	1	0	19.16	19.25	19.15	20.5	1
1.4	16QAM	1	3	19.24	19.31	19.21		
1.4	16QAM	1	5	19.21	19.22	19.30		
1.4	16QAM	3	0	19.11	19.23	19.24		
1.4	16QAM	3	1	19.13	19.28	19.10		
1.4	16QAM	3	3	19.19	19.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.21	21.27	21.25	22.3	0
20	QPSK	1	49	21.13	21.18	21.14		
20	QPSK	1	99	21.03	21.19	21.11		
20	QPSK	50	0	20.21	20.31	20.23	21.5	0.8
20	QPSK	50	24	20.19	20.24	20.20		
20	QPSK	50	50	20.20	20.21	20.24		
20	QPSK	100	0	20.28	20.29	20.23		
20	16QAM	1	0	20.20	20.23	20.25	21.5	0.8
20	16QAM	1	49	20.23	20.27	20.25		
20	16QAM	1	99	20.19	20.28	20.18		
20	16QAM	50	0	19.27	19.29	19.23	20.5	1.8
20	16QAM	50	24	19.18	19.35	19.24		
20	16QAM	50	50	19.24	19.34	19.20		
20	16QAM	100	0	19.29	19.31	19.33		
20	64QAM	1	0	19.04	19.33	19.12	20.5	1.8
20	64QAM	1	49	19.03	19.33	19.22		
20	64QAM	1	99	19.31	19.08	19.19		
20	64QAM	50	0	18.02	18.30	18.33	19.5	2.8
20	64QAM	50	24	18.13	18.36	18.20		
20	64QAM	50	50	18.25	18.19	18.08		
20	64QAM	100	0	18.18	18.38	18.43		
20	256QAM	1	0	16.03	16.23	16.22	17.5	4.8
20	256QAM	1	49	16.12	16.15	16.23		
20	256QAM	1	99	16.22	16.11	16.34		
20	256QAM	50	0	16.36	16.46	16.36	17.5	4.8
20	256QAM	50	24	16.05	16.26	16.30		
20	256QAM	50	50	16.03	16.16	16.05		
20	256QAM	100	0	16.14	16.23	16.14		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.19	21.18	21.06	22.3	0
15	QPSK	1	37	21.06	21.11	21.06		
15	QPSK	1	74	21.00	21.18	21.12		
15	QPSK	36	0	20.13	20.24	20.16	21.5	0.8
15	QPSK	36	20	20.21	20.20	20.10		
15	QPSK	36	39	20.16	20.16	20.17		
15	QPSK	75	0	20.17	20.16	20.17		
15	16QAM	1	0	20.19	20.15	20.15	21.5	0.8
15	16QAM	1	37	20.20	20.11	20.18		
15	16QAM	1	74	20.18	20.15	20.17		
15	16QAM	36	0	19.22	19.29	19.15	20.5	1.8
15	16QAM	36	20	19.11	19.21	19.18		
15	16QAM	36	39	19.13	19.25	19.08		
15	16QAM	75	0	19.20	19.23	19.28		
15	64QAM	1	0	18.98	19.28	19.06	20.5	1.8
15	64QAM	1	37	19.01	19.25	19.15		
15	64QAM	1	74	19.16	18.99	19.15		
15	64QAM	36	0	17.98	18.30	18.23	19.5	2.8
15	64QAM	36	20	18.08	18.26	18.13		
15	64QAM	36	39	18.12	18.07	18.01		
15	64QAM	75	0	18.08	18.33	18.39		
15	256QAM	1	0	15.99	16.20	16.19	17.5	4.8
15	256QAM	1	37	16.09	16.05	16.14		
15	256QAM	1	74	16.16	16.09	16.22		
15	256QAM	36	0	16.31	16.38	16.27	17.5	4.8
15	256QAM	36	20	15.89	16.18	16.27		
15	256QAM	36	39	16.00	16.08	16.03		
15	256QAM	75	0	15.97	16.10	16.03		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.12	21.24	21.09	22.3	0
10	QPSK	1	25	20.98	21.07	21.08		
10	QPSK	1	49	21.04	21.18	21.10		
10	QPSK	25	0	20.23	20.22	20.19	21.5	0.8
10	QPSK	25	12	20.17	20.16	20.13		
10	QPSK	25	25	20.20	20.13	20.26		
10	QPSK	50	0	20.19	20.25	20.19		
10	16QAM	1	0	20.15	20.12	20.14	21.5	0.8
10	16QAM	1	25	20.11	20.12	20.23		
10	16QAM	1	49	20.13	20.14	20.13		
10	16QAM	25	0	19.11	19.23	19.10	20.5	1.8
10	16QAM	25	12	19.16	19.17	19.19		
10	16QAM	25	25	19.16	19.26	19.07		
10	16QAM	50	0	19.23	19.25	19.21		
10	64QAM	1	0	18.99	19.32	19.00	20.5	1.8
10	64QAM	1	25	19.01	19.31	19.20		
10	64QAM	1	49	19.21	19.02	19.13		
10	64QAM	25	0	17.93	18.28	18.26	19.5	2.8
10	64QAM	25	12	18.01	18.30	18.08		
10	64QAM	25	25	18.23	18.14	17.97		
10	64QAM	50	0	18.17	18.35	18.36		
10	256QAM	1	0	15.98	16.22	16.18	17.5	4.8
10	256QAM	1	25	16.10	16.06	16.21		
10	256QAM	1	49	16.22	16.13	16.23		
10	256QAM	25	0	16.24	16.40	16.29	17.5	4.8
10	256QAM	25	12	15.91	16.19	16.25		
10	256QAM	25	25	15.99	16.13	16.02		
10	256QAM	50	0	16.01	16.13	15.99		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.20	21.23	21.09	22.3	0
5	QPSK	1	12	21.06	21.03	21.02		
5	QPSK	1	24	21.00	21.16	21.07		
5	QPSK	12	0	20.17	20.27	20.16	21.5	0.8
5	QPSK	12	7	20.17	20.13	20.15		
5	QPSK	12	13	20.23	20.11	20.22		
5	QPSK	25	0	20.13	20.16	20.18		
5	16QAM	1	0	20.18	20.11	20.20	21.5	0.8
5	16QAM	1	12	20.10	20.18	20.22		
5	16QAM	1	24	20.15	20.14	20.18		
5	16QAM	12	0	19.20	19.34	19.11	20.5	1.8
5	16QAM	12	7	19.17	19.26	19.23		
5	16QAM	12	13	19.13	19.26	19.08		
5	16QAM	25	0	19.27	19.23	19.25		
5	64QAM	1	0	18.97	19.25	19.05	20.5	1.8
5	64QAM	1	12	18.99	19.31	19.16		
5	64QAM	1	24	19.21	18.95	19.16		
5	64QAM	12	0	17.97	18.27	18.19	19.5	2.8
5	64QAM	12	7	18.02	18.29	18.05		
5	64QAM	12	13	18.18	18.18	17.99		
5	64QAM	25	0	18.10	18.28	18.40		
5	256QAM	1	0	15.95	16.18	16.25	17.5	4.8
5	256QAM	1	12	16.05	16.11	16.16		
5	256QAM	1	24	16.11	16.11	16.19		
5	256QAM	12	0	16.22	16.35	16.35	17.5	4.8
5	256QAM	12	7	15.91	16.18	16.16		
5	256QAM	12	13	16.00	16.13	16.01		
5	256QAM	25	0	16.03	16.12	16.05		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.23	21.25	21.32	21.31	21.24	22.3	0
20	QPSK	1	49	21.12	21.21	21.08	21.13	21.09		
20	QPSK	1	99	21.02	21.18	21.13	21.17	21.20		
20	QPSK	50	0	20.22	20.26	20.31	20.27	20.28	21.5	0.8
20	QPSK	50	24	20.30	20.22	20.20	20.28	20.22		
20	QPSK	50	50	20.29	20.22	20.26	20.24	20.23		
20	QPSK	100	0	20.23	20.22	20.28	20.25	20.24		
20	16QAM	1	0	20.23	20.26	20.25	20.24	20.20	21.5	0.8
20	16QAM	1	49	20.20	20.23	20.25	20.22	20.31		
20	16QAM	1	99	20.25	20.20	20.25	20.24	20.27		
20	16QAM	50	0	19.22	19.37	19.25	19.33	19.16	20.5	1.8
20	16QAM	50	24	19.21	19.29	19.15	19.28	19.34		
20	16QAM	50	50	19.27	19.30	19.26	19.26	19.21		
20	16QAM	100	0	19.27	19.36	19.28	19.36	19.27		
20	64QAM	1	0	19.04	19.39	19.04	19.33	19.07	20.5	1.8
20	64QAM	1	49	19.06	19.39	19.11	19.35	19.25		
20	64QAM	1	99	19.29	19.11	19.28	19.11	19.26		
20	64QAM	50	0	18.08	18.37	18.07	18.29	18.26	19.5	2.8
20	64QAM	50	24	18.04	18.30	18.09	18.26	18.12		
20	64QAM	50	50	18.21	18.18	18.19	18.16	18.09		
20	64QAM	100	0	18.19	18.37	18.23	18.44	18.49		
20	256QAM	1	0	16.11	16.34	16.05	16.31	16.32	17.5	4.8
20	256QAM	1	49	16.16	16.16	16.17	16.16	16.23		
20	256QAM	1	99	16.24	16.13	16.25	16.17	16.34		
20	256QAM	50	0	16.28	16.46	16.37	16.41	16.41	17.5	4.8
20	256QAM	50	24	16.01	16.24	16.02	16.21	16.30		
20	256QAM	50	50	16.09	16.13	16.06	16.23	16.11		
20	256QAM	100	0	16.08	16.14	16.08	16.20	16.07		
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	21.17	21.21	21.17	21.17	21.09	22	0
15	QPSK	1	37	21.01	21.11	21.09	21.07	21.00		
15	QPSK	1	74	20.99	21.09	21.04	21.17	21.16		
15	QPSK	36	0	20.13	20.26	20.20	20.23	20.19	21.5	0.8
15	QPSK	36	20	20.12	20.13	20.17	20.10	20.18		
15	QPSK	36	39	20.12	20.18	20.21	20.14	20.20		
15	QPSK	75	0	20.16	20.19	20.21	20.17	20.19		
15	16QAM	1	0	20.18	20.08	20.21	20.09	20.19	21.5	0.8
15	16QAM	1	37	20.09	20.15	20.14	20.15	20.20		
15	16QAM	1	74	20.17	20.15	20.16	20.18	20.11		
15	16QAM	36	0	19.21	19.23	19.17	19.24	19.10	20.5	1.8
15	16QAM	36	20	19.13	19.26	19.10	19.23	19.21		
15	16QAM	36	39	19.18	19.26	19.18	19.17	19.18		
15	16QAM	75	0	19.22	19.22	19.22	19.26	19.26		
15	64QAM	1	0	18.96	19.27	18.99	19.28	18.98	20.5	1.8
15	64QAM	1	37	18.99	19.25	19.04	19.25	19.19		
15	64QAM	1	74	19.13	18.98	19.24	18.96	19.19		
15	64QAM	36	0	17.93	18.24	17.96	18.29	18.24	19.5	2.8
15	64QAM	36	20	18.00	18.28	18.07	18.20	18.10		
15	64QAM	36	39	18.14	18.11	18.17	18.15	17.97		
15	64QAM	75	0	18.13	18.34	18.13	18.28	18.38		
15	256QAM	1	0	15.95	16.25	15.99	16.24	16.23	17.5	4.8
15	256QAM	1	37	16.12	16.07	16.04	16.12	16.20		
15	256QAM	1	74	16.20	16.07	16.20	16.10	16.18		
15	256QAM	36	0	16.24	16.28	16.28	16.31	16.31	17.5	4.8
15	256QAM	36	20	15.91	16.20	15.91	16.09	16.16		
15	256QAM	36	39	16.01	16.10	15.97	16.11	15.98		
15	256QAM	75	0	16.05	16.13	15.98	16.11	16.04		
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	21.19	21.13	21.25	21.05	22	0
10	QPSK	1	25	21.03	21.13	20.98	21.09	21.01		
10	QPSK	1	49	21.07	21.17	20.97	21.20	21.09		
10	QPSK	25	0	20.23	20.19	20.22	20.25	20.17	21.5	0.8
10	QPSK	25	12	20.17	20.11	20.23	20.13	20.09		
10	QPSK	25	25	20.12	20.16	20.15	20.21	20.20		
10	QPSK	50	0	20.17	20.23	20.24	20.19	20.21		
10	16QAM	1	0	20.23	20.16	20.15	20.20	20.15	21.5	0.8
10	16QAM	1	25	20.09	20.13	20.15	20.20	20.21		
10	16QAM	1	49	20.17	20.16	20.15	20.16	20.20		
10	16QAM	25	0	19.16	19.27	19.15	19.31	19.07	20.5	1.8
10	16QAM	25	12	19.10	19.24	19.18	19.17	19.21		
10	16QAM	25	25	19.23	19.20	19.14	19.16	19.18		
10	16QAM	50	0	19.19	19.25	19.23	19.25	19.17		
10	64QAM	1	0	18.98	19.22	19.00	19.22	18.98	20.5	1.8
10	64QAM	1	25	19.00	19.25	19.01	19.33	19.18		
10	64QAM	1	49	19.21	19.04	19.16	18.98	19.16		
10	64QAM	25	0	17.97	18.22	18.01	18.21	18.20	19.5	2.8
10	64QAM	25	12	18.06	18.26	18.02	18.23	18.02		
10	64QAM	25	25	18.13	18.11	18.23	18.16	18.05		
10	64QAM	50	0	18.14	18.28	18.07	18.34	18.36		
10	256QAM	1	0	15.97	16.24	15.95	16.24	16.23	17.5	4.8
10	256QAM	1	25	16.10	16.04	16.06	16.09	16.20		
10	256QAM	1	49	16.20	16.10	16.10	16.11	16.29		
10	256QAM	25	0	16.27	16.31	16.27	16.35	16.32	17.5	4.8
10	256QAM	25	12	15.94	16.18	15.96	16.15	16.20		
10	256QAM	25	25	15.97	16.06	16.00	16.15	16.06		
10	256QAM	50	0	16.00	16.12	16.08	16.09	16.06		
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	21.21	21.18	21.13	21.20	21.08	22	0
5	QPSK	1	12	21.03	21.08	21.05	21.09	21.02		
5	QPSK	1	24	20.98	21.09	21.01	21.13	21.05		
5	QPSK	12	0	20.14	20.22	20.16	20.26	20.23	21.5	0.8
5	QPSK	12	7	20.18	20.14	20.21	20.10	20.15		
5	QPSK	12	13	20.13	20.16	20.19	20.11	20.18		
5	QPSK	25	0	20.21	20.24	20.21	20.22	20.22		
5	16QAM	1	0	20.19	20.19	20.18	20.14	20.17	21.5	0.8
5	16QAM	1	12	20.16	20.16	20.18	20.17	20.22		
5	16QAM	1	24	20.18	20.18	20.15	20.16	20.14		
5	16QAM	12	0	19.16	19.27	19.15	19.33	19.06	20.5	1.8
5	16QAM	12	7	19.17	19.24	19.11	19.17	19.21		
5	16QAM	12	13	19.18	19.22	19.15	19.19	19.09		
5	16QAM	25	0	19.20	19.20	19.21	19.20	19.24		
5	64QAM	1	0	19.04	19.26	18.98	19.30	19.01	20.5	1.8
5	64QAM	1	12	18.94	19.27	19.01	19.29	19.12		
5	64QAM	1	24	19.14	19.05	19.25	19.00	19.11		
5	64QAM	12	0	17.93	18.33	17.90	18.31	18.20	19.5	2.8
5	64QAM	12	7	18.03	18.20	18.00	18.18	18.13		
5	64QAM	12	13	18.18	18.09	18.21	18.11	18.02		
5	64QAM	25	0	18.09	18.35	18.06	18.31	18.42		
5	256QAM	1	0	16.01	16.23	15.92	16.22	16.21	17.5	4.8
5	256QAM	1	12	16.09	16.02	16.12	16.04	16.19		
5	256QAM	1	24	16.17	16.04	16.11	16.14	16.28		
5	256QAM	12	0	16.27	16.32	16.25	16.35	16.29	17.5	4.8
5	256QAM	12	7	15.91	16.18	15.97	16.14	16.21		
5	256QAM	12	13	16.05	16.10	16.04	16.15	16.07		
5	256QAM	25	0	16.07	16.14	15.98	16.17	16.05		

GSM850 Ant1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	30.52	30.54	30.38	31.60	21.52	21.54	21.38	22.60
GPRS 1 Tx slot	30.49	30.47	30.37	31.60	21.49	21.47	21.37	22.60
GPRS 2 Tx slots	27.77	27.66	27.49	28.60	21.77	21.66	21.49	22.60
GPRS 3 Tx slots	25.90	26.00	25.78	26.80	21.64	21.74	21.52	22.54
GPRS 4 Tx slots	24.27	24.35	24.31	25.60	21.27	21.35	21.31	22.60
EDGE 1 Tx slot	25.96	26.05	26.12	27.00	16.96	17.05	17.12	18.00
EDGE 2 Tx slots	24.86	24.87	24.96	26.00	18.86	18.87	18.96	20.00
EDGE 3 Tx slots	22.63	22.66	22.75	23.50	18.37	18.40	18.49	19.24
EDGE 4 Tx slots	21.35	21.45	21.49	22.50	18.35	18.45	18.49	19.50

GSM1900 Ant1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	23.99	23.95	24.16	25.30	14.99	14.95	15.16	16.30
GPRS 1 Tx slot	23.91	23.87	24.02	25.30	14.91	14.87	15.02	16.30
GPRS 2 Tx slots	21.17	21.22	21.26	22.30	15.17	15.22	15.26	16.30
GPRS 3 Tx slots	19.44	19.43	19.54	20.50	15.18	15.17	15.28	16.24
GPRS 4 Tx slots	17.94	17.98	17.96	19.30	14.94	14.98	14.96	16.30
EDGE 1 Tx slot	23.41	23.56	23.45	24.50	14.41	14.56	14.45	15.50
EDGE 2 Tx slots	21.39	21.46	21.32	22.30	15.39	15.46	15.32	16.30
EDGE 3 Tx slots	19.21	19.31	19.23	20.50	14.95	15.05	14.97	16.24
EDGE 4 Tx slots	17.94	17.96	17.84	19.30	14.94	14.96	14.84	16.30

Band		WCDMA II Ant1			Tune-up Limit (dBm)	WCDMA IV Ant1			Tune-up Limit (dBm)	WCDMA V Ant1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	15.28	15.18	15.24	16.60	16.23	16.15	16.03	17.30	19.96	19.94	19.78	21.70
3GPP Rel 99	RMC 12.2Kbps	15.31	15.34	15.33	16.60	16.22	16.27	16.25	17.30	20.05	20.08	20.03	21.70
3GPP Rel 6	HSDPA Subtest-1	14.34	14.23	14.15	15.00	15.17	15.25	15.18	16.30	19.05	19.03	18.92	20.70
3GPP Rel 6	HSDPA Subtest-2	14.32	14.28	14.31	15.00	15.16	15.25	15.20	16.30	19.02	19.01	19.02	20.70
3GPP Rel 6	HSDPA Subtest-3	13.79	13.84	13.65	14.50	14.76	14.83	14.57	15.80	18.44	18.51	18.41	20.20
3GPP Rel 6	HSDPA Subtest-4	13.82	13.79	13.68	14.50	14.87	14.76	14.57	15.80	18.53	18.54	18.37	20.20
3GPP Rel 8	DC-HSDPA Subtest-1	14.24	14.29	14.18	15.00	15.24	15.34	15.11	16.30	19.01	19.00	18.89	20.70
3GPP Rel 8	DC-HSDPA Subtest-2	14.39	14.22	14.17	15.00	15.22	15.16	15.07	16.30	19.10	19.02	18.92	20.70
3GPP Rel 8	DC-HSDPA Subtest-3	13.69	13.89	13.83	14.50	14.71	14.71	14.63	15.80	18.50	18.56	18.52	20.20
3GPP Rel 8	DC-HSDPA Subtest-4	13.88	13.90	13.81	14.50	14.70	14.81	14.70	15.80	18.56	18.55	18.44	20.20
3GPP Rel 6	HSUPA Subtest-1	14.24	14.17	14.17	15.00	15.24	15.17	15.12	16.30	19.09	18.94	18.88	20.70
3GPP Rel 6	HSUPA Subtest-2	12.31	12.25	12.23	13.00	13.26	13.16	13.09	14.30	17.05	16.97	16.82	18.70
3GPP Rel 6	HSUPA Subtest-3	13.31	13.26	13.29	14.00	14.33	14.23	14.28	15.30	18.13	18.02	18.01	19.70
3GPP Rel 6	HSUPA Subtest-4	12.39	12.32	12.31	13.00	13.26	13.17	13.22	14.30	17.09	16.96	16.93	18.70
3GPP Rel 6	HSUPA Subtest-5	14.29	14.32	14.35	15.00	15.18	15.18	15.19	16.30	18.96	19.04	18.99	20.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	11.92	11.99	11.93	12.50	12.80	12.85	12.92	13.80	16.64	16.76	16.66	18.20

Band 2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.11	15.13	15.08	16.1	0
20	QPSK	1	49	14.98	15.03	14.98		
20	QPSK	1	99	14.99	14.99	15.08		
20	QPSK	50	0	15.07	15.12	15.09	16.1	0
20	QPSK	50	24	15.04	15.01	14.97		
20	QPSK	50	50	15.03	15.02	15.05		
20	QPSK	100	0	15.08	15.11	15.07		
20	16QAM	1	0	15.02	15.00	15.04	16.1	0
20	16QAM	1	49	15.04	15.01	15.01		
20	16QAM	1	99	15.09	15.01	15.07		
20	16QAM	50	0	15.00	15.06	15.00	16.1	0
20	16QAM	50	24	14.99	15.02	15.05		
20	16QAM	50	50	15.01	15.05	14.98		
20	16QAM	100	0	14.97	15.04	15.04		
20	64QAM	1	0	15.00	15.00	15.03	16.1	0
20	64QAM	1	49	14.98	15.07	15.02		
20	64QAM	1	99	15.05	15.05	15.01		
20	64QAM	50	0	15.08	15.09	14.98	16.1	0
20	64QAM	50	24	14.98	15.03	15.07		
20	64QAM	50	50	15.02	15.01	14.99		
20	64QAM	100	0	15.01	15.01	14.97		
20	256QAM	1	0	14.97	15.04	15.07	16.1	0
20	256QAM	1	49	14.98	15.05	15.04		
20	256QAM	1	99	15.08	15.07	14.97		
20	256QAM	50	0	15.04	15.09	15.02	16.1	0
20	256QAM	50	24	15.01	15.01	15.09		
20	256QAM	50	50	15.08	15.05	14.99		
20	256QAM	100	0	15.02	15.09	15.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.99	14.95	14.91	16.1	0
15	QPSK	1	37	15.03	14.95	14.92		
15	QPSK	1	74	14.93	15.02	15.03		
15	QPSK	36	0	14.98	15.04	15.02	16.1	0
15	QPSK	36	20	15.02	15.02	14.92		
15	QPSK	36	39	14.98	14.95	14.99		
15	QPSK	75	0	14.93	14.99	14.97		
15	16QAM	1	0	15.00	15.00	15.02	16.1	0
15	16QAM	1	37	15.00	14.97	15.00		
15	16QAM	1	74	14.99	14.98	14.95		
15	16QAM	36	0	14.97	14.96	14.91	16.1	0
15	16QAM	36	20	15.03	15.01	14.95		
15	16QAM	36	39	15.00	15.00	14.98		
15	16QAM	75	0	15.00	14.96	14.94		
15	64QAM	1	0	14.94	15.03	15.03	16.1	0
15	64QAM	1	37	14.94	15.00	14.97		
15	64QAM	1	74	15.02	14.98	14.96		
15	64QAM	36	0	15.00	15.02	14.97	16.1	0
15	64QAM	36	20	15.01	15.00	15.02		
15	64QAM	36	39	15.00	14.97	15.02		
15	64QAM	75	0	14.94	14.97	14.92		
15	256QAM	1	0	14.97	14.94	15.01	16.1	0
15	256QAM	1	37	15.02	14.94	15.01		
15	256QAM	1	74	14.93	14.97	14.95		
15	256QAM	36	0	14.99	14.97	15.02	16.1	0
15	256QAM	36	20	14.97	15.02	14.94		
15	256QAM	36	39	14.96	15.05	15.01		
15	256QAM	75	0	14.97	15.03	15.02		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.94	15.00	15.00	16.1	0
10	QPSK	1	25	14.98	14.99	14.97		
10	QPSK	1	49	14.96	15.01	14.95		
10	QPSK	25	0	15.01	15.05	14.98	16.1	0
10	QPSK	25	12	14.99	15.03	14.93		
10	QPSK	25	25	14.92	14.93	14.97		
10	QPSK	50	0	14.93	14.93	15.02		
10	16QAM	1	0	14.93	14.95	14.98	16.1	0
10	16QAM	1	25	14.92	14.96	14.99		
10	16QAM	1	49	15.03	15.02	14.97		
10	16QAM	25	0	14.95	15.05	15.01	16.1	0
10	16QAM	25	12	14.97	14.98	14.92		
10	16QAM	25	25	14.98	14.95	14.94		
10	16QAM	50	0	14.96	14.97	14.99		
10	64QAM	1	0	15.02	15.03	14.91	16.1	0
10	64QAM	1	25	14.91	14.95	14.97		
10	64QAM	1	49	14.94	14.98	14.99		
10	64QAM	25	0	14.92	14.98	14.92	16.1	0
10	64QAM	25	12	14.94	14.94	14.92		
10	64QAM	25	25	14.99	14.97	14.91		
10	64QAM	50	0	14.93	14.95	15.00		
10	256QAM	1	0	14.97	14.93	14.98	16.1	0
10	256QAM	1	25	14.96	15.01	14.98		
10	256QAM	1	49	15.03	14.98	14.94		
10	256QAM	25	0	15.02	14.97	14.94	16.1	0
10	256QAM	25	12	15.01	15.03	14.95		
10	256QAM	25	25	14.96	15.00	14.93		
10	256QAM	50	0	14.92	15.02	14.98		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.99	15.05	14.98	16.1	0
5	QPSK	1	12	14.92	15.02	14.91		
5	QPSK	1	24	14.92	14.95	14.93		
5	QPSK	12	0	14.98	14.96	14.98	16.1	0
5	QPSK	12	7	14.99	14.96	14.99		
5	QPSK	12	13	14.99	14.95	14.93		
5	QPSK	25	0	15.02	14.99	14.91	16.1	0
5	16QAM	1	0	15.02	14.94	15.01		
5	16QAM	1	12	14.94	14.93	14.98		
5	16QAM	1	24	15.02	15.01	15.00		
5	16QAM	12	0	14.94	14.99	14.96	16.1	0
5	16QAM	12	7	15.00	15.02	14.95		
5	16QAM	12	13	14.92	15.01	14.91		
5	16QAM	25	0	14.92	14.95	14.95		
5	64QAM	1	0	14.99	14.98	14.99	16.1	0
5	64QAM	1	12	14.98	14.99	14.91		
5	64QAM	1	24	14.96	14.96	14.95		
5	64QAM	12	0	14.95	14.93	15.02	16.1	0
5	64QAM	12	7	14.95	15.02	15.00		
5	64QAM	12	13	14.99	14.97	14.97		
5	64QAM	25	0	14.95	14.97	14.98		
5	256QAM	1	0	14.93	14.98	14.97	16.1	0
5	256QAM	1	12	15.00	15.03	14.98		
5	256QAM	1	24	15.00	15.00	15.01		
5	256QAM	12	0	15.00	14.98	14.94	16.1	0
5	256QAM	12	7	14.91	15.00	14.98		
5	256QAM	12	13	14.97	15.03	15.02		
5	256QAM	25	0	14.98	15.01	15.01		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.01	14.99	14.93	16.1	0
3	QPSK	1	8	14.94	15.05	14.97		
3	QPSK	1	14	14.95	15.04	14.96		
3	QPSK	8	0	14.93	14.97	15.01	16.1	0
3	QPSK	8	4	15.01	14.94	14.98		
3	QPSK	8	7	15.02	14.96	14.96		
3	QPSK	15	0	14.97	15.02	14.92		
3	16QAM	1	0	14.99	14.98	15.02	16.1	0
3	16QAM	1	8	15.02	15.04	14.93		
3	16QAM	1	14	14.99	15.04	15.01		
3	16QAM	8	0	15.02	14.94	14.94	16.1	0
3	16QAM	8	4	15.00	15.00	14.95		
3	16QAM	8	7	14.93	15.01	14.96		
3	16QAM	15	0	14.92	14.99	14.93		
3	64QAM	1	0	14.94	14.93	14.94	16.1	0
3	64QAM	1	8	14.98	15.04	14.97		
3	64QAM	1	14	14.94	15.01	14.96		
3	64QAM	8	0	14.93	15.03	14.99	16.1	0
3	64QAM	8	4	14.91	14.99	14.93		
3	64QAM	8	7	14.93	15.01	15.00		
3	64QAM	15	0	14.93	15.04	14.91		
3	256QAM	1	0	14.99	14.97	14.92	16.1	0
3	256QAM	1	8	14.97	15.01	14.99		
3	256QAM	1	14	14.93	14.97	14.92		
3	256QAM	8	0	14.95	15.02	14.97	16.1	0
3	256QAM	8	4	15.03	14.98	14.98		
3	256QAM	8	7	14.98	14.93	15.01		
3	256QAM	15	0	14.92	15.01	14.95		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.01	14.99	15.00	16.1	0
1.4	QPSK	1	3	15.00	15.03	14.99		
1.4	QPSK	1	5	14.97	15.01	15.02		
1.4	QPSK	3	0	15.02	14.96	15.00		
1.4	QPSK	3	1	14.91	14.96	15.01		
1.4	QPSK	3	3	14.93	14.93	14.98		
1.4	QPSK	6	0	15.03	15.02	14.93	16.1	0
1.4	16QAM	1	0	15.02	14.93	15.02	16.1	0
1.4	16QAM	1	3	14.95	14.97	14.98		
1.4	16QAM	1	5	14.95	15.03	14.92		
1.4	16QAM	3	0	15.01	15.04	15.03		
1.4	16QAM	3	1	15.03	15.03	15.00		
1.4	16QAM	3	3	15.00	15.03	15.01		
1.4	16QAM	6	0	15.03	15.02	14.92	16.1	0
1.4	64QAM	1	0	14.99	14.93	14.96	16.1	0
1.4	64QAM	1	3	14.97	14.96	14.95		
1.4	64QAM	1	5	14.94	14.98	14.96		
1.4	64QAM	3	0	14.92	14.98	14.97		
1.4	64QAM	3	1	14.93	14.97	14.98		
1.4	64QAM	3	3	14.93	14.98	14.91		
1.4	64QAM	6	0	14.94	14.93	14.93	16.1	0
1.4	256QAM	1	0	14.94	15.00	14.97	16.1	0
1.4	256QAM	1	3	14.95	15.01	15.03		
1.4	256QAM	1	5	15.00	15.00	15.02		
1.4	256QAM	3	0	14.95	14.96	15.02		
1.4	256QAM	3	1	14.92	14.99	15.00		
1.4	256QAM	3	3	15.01	15.02	15.00		
1.4	256QAM	6	0	14.92	14.98	15.02	16.1	0

Band 4 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.86	15.97	15.89	16.9	0
20	QPSK	1	49	15.86	15.89	15.78		
20	QPSK	1	99	15.83	15.88	15.79		
20	QPSK	50	0	15.82	15.95	15.88	16.9	0
20	QPSK	50	24	15.80	15.91	15.85		
20	QPSK	50	50	15.77	15.90	15.85		
20	QPSK	100	0	15.82	15.93	15.87		
20	16QAM	1	0	15.76	15.95	15.81	16.9	0
20	16QAM	1	49	15.83	15.91	15.84		
20	16QAM	1	99	15.83	15.92	15.86		
20	16QAM	50	0	15.87	15.88	15.86	16.9	0
20	16QAM	50	24	15.81	15.92	15.89		
20	16QAM	50	50	15.77	15.94	15.86		
20	16QAM	100	0	15.86	15.89	15.88		
20	64QAM	1	0	15.87	15.93	15.86	16.9	0
20	64QAM	1	49	15.77	15.86	15.86		
20	64QAM	1	99	15.80	15.86	15.79		
20	64QAM	50	0	15.76	15.94	15.84	16.9	0
20	64QAM	50	24	15.82	15.90	15.79		
20	64QAM	50	50	15.87	15.92	15.85		
20	64QAM	100	0	15.85	15.86	15.83		
20	256QAM	1	0	15.33	15.37	15.28	16.5	0.4
20	256QAM	1	49	15.33	15.46	15.36		
20	256QAM	1	99	15.29	15.46	15.30		
20	256QAM	50	0	15.27	15.36	15.39	16.5	0.4
20	256QAM	50	24	15.32	15.38	15.34		
20	256QAM	50	50	15.37	15.45	15.39		
20	256QAM	100	0	15.38	15.39	15.29		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.76	15.91	15.81	16.9	0
15	QPSK	1	37	15.74	15.83	15.82		
15	QPSK	1	74	15.77	15.84	15.84		
15	QPSK	36	0	15.75	15.87	15.77	16.9	0
15	QPSK	36	20	15.72	15.90	15.78		
15	QPSK	36	39	15.75	15.88	15.83		
15	QPSK	75	0	15.81	15.83	15.75		
15	16QAM	1	0	15.75	15.86	15.74	16.9	0
15	16QAM	1	37	15.80	15.83	15.74		
15	16QAM	1	74	15.77	15.88	15.77		
15	16QAM	36	0	15.76	15.85	15.82	16.9	0
15	16QAM	36	20	15.78	15.90	15.74		
15	16QAM	36	39	15.75	15.82	15.82		
15	16QAM	75	0	15.73	15.90	15.85		
15	64QAM	1	0	15.76	15.82	15.74	16.9	0
15	64QAM	1	37	15.80	15.88	15.84		
15	64QAM	1	74	15.77	15.83	15.78		
15	64QAM	36	0	15.78	15.83	15.81	16.9	0
15	64QAM	36	20	15.82	15.89	15.75		
15	64QAM	36	39	15.79	15.85	15.81		
15	64QAM	75	0	15.79	15.90	15.74		
15	256QAM	1	0	15.32	15.32	15.26	16.5	0.4
15	256QAM	1	37	15.27	15.31	15.25		
15	256QAM	1	74	15.28	15.34	15.29		
15	256QAM	36	0	15.30	15.38	15.31	16.5	0.4
15	256QAM	36	20	15.26	15.34	15.24		
15	256QAM	36	39	15.22	15.33	15.30		
15	256QAM	75	0	15.24	15.42	15.26		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.81	15.88	15.85	16.9	0
10	QPSK	1	25	15.78	15.92	15.77		
10	QPSK	1	49	15.76	15.91	15.81		
10	QPSK	25	0	15.80	15.92	15.83	16.9	0
10	QPSK	25	12	15.82	15.84	15.80		
10	QPSK	25	25	15.72	15.88	15.79		
10	QPSK	50	0	15.73	15.86	15.79		
10	16QAM	1	0	15.73	15.80	15.80	16.9	0
10	16QAM	1	25	15.74	15.87	15.82		
10	16QAM	1	49	15.76	15.91	15.82		
10	16QAM	25	0	15.78	15.81	15.74	16.9	0
10	16QAM	25	12	15.72	15.81	15.77		
10	16QAM	25	25	15.81	15.83	15.83		
10	16QAM	50	0	15.74	15.86	15.82		
10	64QAM	1	0	15.73	15.85	15.73	16.9	0
10	64QAM	1	25	15.80	15.84	15.76		
10	64QAM	1	49	15.80	15.91	15.75		
10	64QAM	25	0	15.73	15.83	15.73	16.9	0
10	64QAM	25	12	15.71	15.81	15.85		
10	64QAM	25	25	15.74	15.80	15.78		
10	64QAM	50	0	15.81	15.91	15.78		
10	256QAM	1	0	15.23	15.34	15.26	16.5	0.4
10	256QAM	1	25	15.32	15.35	15.34		
10	256QAM	1	49	15.27	15.33	15.33		
10	256QAM	25	0	15.25	15.36	15.27	16.5	0.4
10	256QAM	25	12	15.29	15.38	15.30		
10	256QAM	25	25	15.23	15.38	15.30		
10	256QAM	50	0	15.32	15.36	15.29		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.77	15.82	15.81	16.9	0
5	QPSK	1	12	15.75	15.83	15.75		
5	QPSK	1	24	15.81	15.87	15.82		
5	QPSK	12	0	15.71	15.92	15.76	16.9	0
5	QPSK	12	7	15.74	15.87	15.84		
5	QPSK	12	13	15.72	15.83	15.84		
5	QPSK	25	0	15.74	15.90	15.80	16.9	0
5	16QAM	1	0	15.78	15.81	15.76		
5	16QAM	1	12	15.77	15.89	15.81		
5	16QAM	1	24	15.72	15.87	15.77		
5	16QAM	12	0	15.75	15.82	15.75	16.9	0
5	16QAM	12	7	15.71	15.91	15.83		
5	16QAM	12	13	15.83	15.91	15.77		
5	16QAM	25	0	15.81	15.81	15.81		
5	64QAM	1	0	15.71	15.88	15.77	16.9	0
5	64QAM	1	12	15.81	15.88	15.84		
5	64QAM	1	24	15.83	15.81	15.83		
5	64QAM	12	0	15.71	15.85	15.74	16.9	0
5	64QAM	12	7	15.81	15.84	15.84		
5	64QAM	12	13	15.76	15.85	15.82		
5	64QAM	25	0	15.73	15.91	15.75		
5	256QAM	1	0	15.32	15.38	15.27	16.5	0.4
5	256QAM	1	12	15.21	15.42	15.29		
5	256QAM	1	24	15.24	15.33	15.24		
5	256QAM	12	0	15.27	15.36	15.25	16.5	0.4
5	256QAM	12	7	15.23	15.37	15.29		
5	256QAM	12	13	15.30	15.37	15.25		
5	256QAM	25	0	15.27	15.33	15.24		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.78	15.81	15.76	16.9	0
3	QPSK	1	8	15.76	15.82	15.78		
3	QPSK	1	14	15.76	15.85	15.80		
3	QPSK	8	0	15.81	15.88	15.79	16.9	0
3	QPSK	8	4	15.73	15.85	15.81		
3	QPSK	8	7	15.72	15.88	15.74		
3	QPSK	15	0	15.75	15.90	15.83		
3	16QAM	1	0	15.81	15.80	15.76	16.9	0
3	16QAM	1	8	15.71	15.82	15.75		
3	16QAM	1	14	15.82	15.91	15.82		
3	16QAM	8	0	15.78	15.83	15.82	16.9	0
3	16QAM	8	4	15.76	15.82	15.77		
3	16QAM	8	7	15.79	15.86	15.81		
3	16QAM	15	0	15.78	15.91	15.73		
3	64QAM	1	0	15.77	15.81	15.84	16.9	0
3	64QAM	1	8	15.79	15.86	15.81		
3	64QAM	1	14	15.82	15.86	15.80		
3	64QAM	8	0	15.78	15.84	15.81	16.9	0
3	64QAM	8	4	15.78	15.92	15.73		
3	64QAM	8	7	15.83	15.83	15.77		
3	64QAM	15	0	15.82	15.87	15.76		
3	256QAM	1	0	15.28	15.39	15.23	16.5	0.4
3	256QAM	1	8	15.23	15.40	15.26		
3	256QAM	1	14	15.21	15.34	15.30		
3	256QAM	8	0	15.26	15.40	15.24	16.5	0.4
3	256QAM	8	4	15.31	15.41	15.29		
3	256QAM	8	7	15.23	15.34	15.30		
3	256QAM	15	0	15.22	15.30	15.27		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.83	15.82	15.84	16.9	0
1.4	QPSK	1	3	15.77	15.86	15.85		
1.4	QPSK	1	5	15.71	15.88	15.79		
1.4	QPSK	3	0	15.78	15.86	15.84		
1.4	QPSK	3	1	15.82	15.80	15.82		
1.4	QPSK	3	3	15.80	15.82	15.80		
1.4	QPSK	6	0	15.75	15.86	15.82	16.9	0
1.4	16QAM	1	0	15.73	15.82	15.75	16.9	0
1.4	16QAM	1	3	15.83	15.81	15.77		
1.4	16QAM	1	5	15.77	15.87	15.74		
1.4	16QAM	3	0	15.72	15.83	15.75		
1.4	16QAM	3	1	15.76	15.81	15.80		
1.4	16QAM	3	3	15.77	15.81	15.84		
1.4	16QAM	6	0	15.74	15.84	15.74	16.9	0
1.4	64QAM	1	0	15.72	15.87	15.82	16.9	0
1.4	64QAM	1	3	15.80	15.92	15.83		
1.4	64QAM	1	5	15.82	15.84	15.82		
1.4	64QAM	3	0	15.77	15.88	15.76		
1.4	64QAM	3	1	15.72	15.82	15.77		
1.4	64QAM	3	3	15.75	15.90	15.75		
1.4	64QAM	6	0	15.76	15.83	15.84	16.9	0
1.4	256QAM	1	0	15.21	15.40	15.30	16.5	0.4
1.4	256QAM	1	3	15.28	15.40	15.28		
1.4	256QAM	1	5	15.28	15.34	15.28		
1.4	256QAM	3	0	15.33	15.40	15.30		
1.4	256QAM	3	1	15.27	15.39	15.25		
1.4	256QAM	3	3	15.31	15.31	15.32		
1.4	256QAM	6	0	15.33	15.32	15.27	16.5	0.4

Band 5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	19.84	19.94	19.81	21.1	0
10	QPSK	1	25	19.88	19.84	19.83		
10	QPSK	1	49	19.86	19.84	19.79		
10	QPSK	25	0	19.85	19.91	19.85	21.1	0
10	QPSK	25	12	19.89	19.87	19.79		
10	QPSK	25	25	19.86	19.89	19.77		
10	QPSK	50	0	19.86	19.88	19.80		
10	16QAM	1	0	19.79	19.91	19.86	21.1	0
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Band 7 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.67	14.70	14.65	16	0
20	QPSK	1	49	14.59	14.62	14.60		
20	QPSK	1	99	14.52	14.61	14.63		
20	QPSK	50	0	14.64	14.68	14.63	16	0
20	QPSK	50	24	14.53	14.64	14.59		
20	QPSK	50	50	14.60	14.64	14.59		
20	QPSK	100	0	14.56	14.66	14.53		
20	16QAM	1	0	14.51	14.67	14.62	16	0
20	16QAM	1	49	14.55	14.62	14.56		
20	16QAM	1	99	14.55	14.63	14.61		
20	16QAM	50	0	14.60	14.65	14.62	16	0
20	16QAM	50	24	14.52	14.64	14.57		
20	16QAM	50	50	14.59	14.65	14.61		
20	16QAM	100	0	14.61	14.68	14.53		
20	64QAM	1	0	14.55	14.60	14.57	16	0
20	64QAM	1	49	14.56	14.64	14.54		
20	64QAM	1	99	14.54	14.69	14.55		
20	64QAM	50	0	14.51	14.63	14.55	16	0
20	64QAM	50	24	14.53	14.64	14.51		
20	64QAM	50	50	14.62	14.60	14.53		
20	64QAM	100	0	14.62	14.61	14.59		
20	256QAM	1	0	14.58	14.67	14.56	16	0
20	256QAM	1	49	14.61	14.69	14.57		
20	256QAM	1	99	14.53	14.69	14.63		
20	256QAM	50	0	14.55	14.67	14.60	16	0
20	256QAM	50	24	14.55	14.63	14.59		
20	256QAM	50	50	14.51	14.69	14.58		
20	256QAM	100	0	14.58	14.59	14.54		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.43	14.57	14.44	16	0
15	QPSK	1	37	14.45	14.53	14.43		
15	QPSK	1	74	14.42	14.53	14.44		
15	QPSK	36	0	14.50	14.56	14.47	16	0
15	QPSK	36	20	14.43	14.51	14.45		
15	QPSK	36	39	14.41	14.58	14.46		
15	QPSK	75	0	14.47	14.59	14.42		
15	16QAM	1	0	14.42	14.57	14.41	16	0
15	16QAM	1	37	14.50	14.55	14.50		
15	16QAM	1	74	14.41	14.53	14.53		
15	16QAM	36	0	14.50	14.54	14.53	16	0
15	16QAM	36	20	14.43	14.53	14.42		
15	16QAM	36	39	14.48	14.56	14.48		
15	16QAM	75	0	14.43	14.57	14.48		
15	64QAM	1	0	14.41	14.54	14.45	16	0
15	64QAM	1	37	14.44	14.56	14.47		
15	64QAM	1	74	14.41	14.55	14.41		
15	64QAM	36	0	14.48	14.53	14.44	16	0
15	64QAM	36	20	14.46	14.55	14.45		
15	64QAM	36	39	14.50	14.61	14.50		
15	64QAM	75	0	14.41	14.58	14.52		
15	256QAM	1	0	14.43	14.57	14.47	16	0
15	256QAM	1	37	14.51	14.52	14.47		
15	256QAM	1	74	14.44	14.56	14.43		
15	256QAM	36	0	14.49	14.51	14.45	16	0
15	256QAM	36	20	14.50	14.54	14.53		
15	256QAM	36	39	14.41	14.59	14.52		
15	256QAM	75	0	14.45	14.62	14.46		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.45	14.59	14.41	16	0
10	QPSK	1	25	14.42	14.51	14.49		
10	QPSK	1	49	14.42	14.50	14.52		
10	QPSK	25	0	14.42	14.59	14.50	16	0
10	QPSK	25	12	14.51	14.61	14.49		
10	QPSK	25	25	14.50	14.60	14.49		
10	QPSK	50	0	14.46	14.53	14.43		
10	16QAM	1	0	14.42	14.51	14.53	16	0
10	16QAM	1	25	14.49	14.60	14.51		
10	16QAM	1	49	14.47	14.50	14.52		
10	16QAM	25	0	14.51	14.54	14.52	16	0
10	16QAM	25	12	14.41	14.57	14.47		
10	16QAM	25	25	14.51	14.61	14.51		
10	16QAM	50	0	14.48	14.58	14.43		
10	64QAM	1	0	14.40	14.53	14.41	16	0
10	64QAM	1	25	14.44	14.60	14.48		
10	64QAM	1	49	14.51	14.57	14.46		
10	64QAM	25	0	14.51	14.55	14.43	16	0
10	64QAM	25	12	14.41	14.53	14.49		
10	64QAM	25	25	14.47	14.59	14.43		
10	64QAM	50	0	14.43	14.62	14.42		
10	256QAM	1	0	14.45	14.53	14.51	16	0
10	256QAM	1	25	14.50	14.52	14.43		
10	256QAM	1	49	14.46	14.61	14.52		
10	256QAM	25	0	14.46	14.58	14.46	16	0
10	256QAM	25	12	14.43	14.52	14.46		
10	256QAM	25	25	14.49	14.53	14.51		
10	256QAM	50	0	14.48	14.61	14.48		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.50	14.57	14.53	16	0
5	QPSK	1	12	14.46	14.56	14.50		
5	QPSK	1	24	14.42	14.53	14.48		
5	QPSK	12	0	14.45	14.61	14.46	16	0
5	QPSK	12	7	14.48	14.58	14.47		
5	QPSK	12	13	14.51	14.52	14.45		
5	QPSK	25	0	14.44	14.57	14.49		
5	16QAM	1	0	14.47	14.58	14.51	16	0
5	16QAM	1	12	14.49	14.58	14.51		
5	16QAM	1	24	14.40	14.59	14.49		
5	16QAM	12	0	14.49	14.61	14.41	16	0
5	16QAM	12	7	14.41	14.51	14.51		
5	16QAM	12	13	14.52	14.55	14.51		
5	16QAM	25	0	14.44	14.59	14.52		
5	64QAM	1	0	14.43	14.61	14.44	16	0
5	64QAM	1	12	14.43	14.54	14.45		
5	64QAM	1	24	14.51	14.52	14.52		
5	64QAM	12	0	14.45	14.59	14.41	16	0
5	64QAM	12	7	14.48	14.53	14.45		
5	64QAM	12	13	14.42	14.57	14.42		
5	64QAM	25	0	14.46	14.61	14.44		
5	256QAM	1	0	14.47	14.57	14.47	16	0
5	256QAM	1	12	14.51	14.60	14.45		
5	256QAM	1	24	14.47	14.60	14.43		
5	256QAM	12	0	14.43	14.53	14.50	16	0
5	256QAM	12	7	14.42	14.55	14.46		
5	256QAM	12	13	14.46	14.55	14.51		
5	256QAM	25	0	14.41	14.59	14.45		

Band 12 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.83	21.96	21.87	23	0
10	QPSK	1	25	21.74	21.73	21.89		
10	QPSK	1	49	21.90	21.84	21.67		
10	QPSK	25	0	20.86	20.91	20.89	22	1
10	QPSK	25	12	20.68	20.83	20.52		
10	QPSK	25	25	20.72	20.68	20.57		
10	QPSK	50	0	20.85	20.89	20.83		
10	16QAM	1	0	21.14	21.20	21.18	22	1
10	16QAM	1	25	21.10	21.22	20.99		
10	16QAM	1	49	21.13	21.25	21.13		
10	16QAM	25	0	19.65	19.79	19.54	21	2
10	16QAM	25	12	19.65	19.74	19.61		
10	16QAM	25	25	19.72	19.69	19.76		
10	16QAM	50	0	19.69	19.69	19.64		
10	64QAM	1	0	19.85	19.85	19.95	21	2
10	64QAM	1	25	19.80	19.87	19.91		
10	64QAM	1	49	19.88	19.98	19.81		
10	64QAM	25	0	18.85	18.81	18.62	20	3
10	64QAM	25	12	18.61	18.70	18.76		
10	64QAM	25	25	18.70	18.78	18.66		
10	64QAM	50	0	18.65	18.71	18.67		
10	256QAM	1	0	16.84	16.91	16.89	18	5
10	256QAM	1	25	16.87	16.99	16.83		
10	256QAM	1	49	16.80	16.92	16.78		
10	256QAM	25	0	16.83	16.93	16.83	18	5
10	256QAM	25	12	16.87	16.89	16.83		
10	256QAM	25	25	16.87	16.95	16.78		
10	256QAM	50	0	16.81	16.94	16.78		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.86	21.86	21.81	23	0
5	QPSK	1	12	21.73	21.74	21.80		
5	QPSK	1	24	21.80	21.82	21.63		
5	QPSK	12	0	20.81	20.83	20.71	22	1
5	QPSK	12	7	20.66	20.69	20.47		
5	QPSK	12	13	20.71	20.63	20.56		
5	QPSK	25	0	20.76	20.84	20.73		
5	16QAM	1	0	21.06	21.26	21.18	22	1
5	16QAM	1	12	21.11	21.20	20.93		
5	16QAM	1	24	21.10	21.22	21.11		
5	16QAM	12	0	19.59	19.79	19.60	21	2
5	16QAM	12	7	19.60	19.67	19.64		
5	16QAM	12	13	19.71	19.60	19.69		
5	16QAM	25	0	19.61	19.69	19.59		
5	64QAM	1	0	19.85	19.88	19.93	21	2
5	64QAM	1	12	19.87	19.94	19.86		
5	64QAM	1	24	19.77	19.95	19.71		
5	64QAM	12	0	18.84	18.69	18.55	20	3
5	64QAM	12	7	18.59	18.65	18.70		
5	64QAM	12	13	18.64	18.76	18.60		
5	64QAM	25	0	18.59	18.71	18.66		
5	256QAM	1	0	16.83	16.93	16.81	18	5
5	256QAM	1	12	16.82	16.97	16.78		
5	256QAM	1	24	16.81	16.92	16.84		
5	256QAM	12	0	16.83	16.93	16.82	18	5
5	256QAM	12	7	16.80	16.87	16.83		
5	256QAM	12	13	16.81	16.85	16.81		
5	256QAM	25	0	16.84	16.94	16.79		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.87	21.93	21.84	23	0
3	QPSK	1	8	21.71	21.66	21.79		
3	QPSK	1	14	21.86	21.85	21.64		
3	QPSK	8	0	20.82	20.87	20.79	22	1
3	QPSK	8	4	20.61	20.79	20.51		
3	QPSK	8	7	20.70	20.63	20.57		
3	QPSK	15	0	20.69	20.86	20.75		
3	16QAM	1	0	21.02	21.24	21.16	22	1
3	16QAM	1	8	21.12	21.23	20.99		
3	16QAM	1	14	21.13	21.18	21.04		
3	16QAM	8	0	19.57	19.74	19.51	21	2
3	16QAM	8	4	19.58	19.72	19.67		
3	16QAM	8	7	19.63	19.69	19.74		
3	16QAM	15	0	19.64	19.73	19.68		
3	64QAM	1	0	19.87	19.81	19.94	21	2
3	64QAM	1	8	19.82	19.92	19.96		
3	64QAM	1	14	19.84	20.02	19.78		
3	64QAM	8	0	18.75	18.70	18.62	20	3
3	64QAM	8	4	18.58	18.65	18.67		
3	64QAM	8	7	18.67	18.74	18.62		
3	64QAM	15	0	18.56	18.67	18.72		
3	256QAM	1	0	16.85	16.95	16.75	18	5
3	256QAM	1	8	16.85	16.88	16.77		
3	256QAM	1	14	16.86	16.87	16.84		
3	256QAM	8	0	16.77	16.96	16.78	18	5
3	256QAM	8	4	16.82	16.90	16.79		
3	256QAM	8	7	16.83	16.94	16.82		
3	256QAM	15	0	16.84	16.94	16.78		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.78	21.91	21.86	23	0
1.4	QPSK	1	3	21.63	21.68	21.83		
1.4	QPSK	1	5	21.85	21.77	21.63		
1.4	QPSK	3	0	21.79	21.84	21.84		
1.4	QPSK	3	1	21.70	21.70	21.79		
1.4	QPSK	3	3	21.86	21.84	21.65		
1.4	QPSK	6	0	20.84	20.88	20.79	22	1
1.4	16QAM	1	0	20.62	20.69	20.50	22	1
1.4	16QAM	1	3	20.61	20.69	20.55		
1.4	16QAM	1	5	20.80	20.76	20.77		
1.4	16QAM	3	0	20.80	20.90	20.75		
1.4	16QAM	3	1	20.69	20.71	20.58		
1.4	16QAM	3	3	20.68	20.64	20.60		
1.4	16QAM	6	0	19.62	19.83	19.52	21	2
1.4	64QAM	1	0	19.60	19.72	19.62	21	2
1.4	64QAM	1	3	19.69	19.71	19.66		
1.4	64QAM	1	5	19.65	19.84	19.56		
1.4	64QAM	3	0	19.61	19.67	19.58		
1.4	64QAM	3	1	19.70	19.63	19.64		
1.4	64QAM	3	3	19.62	19.71	19.62		
1.4	64QAM	6	0	18.77	18.79	18.57	20	3
1.4	256QAM	1	0	16.84	16.88	16.74	18	5
1.4	256QAM	1	3	16.82	16.90	16.86		
1.4	256QAM	1	5	16.85	16.96	16.76		
1.4	256QAM	3	0	16.79	16.96	16.82		
1.4	256QAM	3	1	16.86	16.88	16.86		
1.4	256QAM	3	3	16.84	16.87	16.79		
1.4	256QAM	6	0	16.83	16.95	16.84	18	5

Band 13 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.02		22.1	0
10	QPSK	1	25		20.95			
10	QPSK	1	49		20.92			
10	QPSK	25	0		20.94		22	0.1
10	QPSK	25	12		20.93			
10	QPSK	25	25		20.90			
10	QPSK	50	0		20.89			
10	16QAM	1	0		20.98		22	0.1
10	16QAM	1	25		20.92			
10	16QAM	1	49		20.96			
10	16QAM	25	0		19.95		21	1.1
10	16QAM	25	12		19.89			
10	16QAM	25	25		19.98			
10	16QAM	50	0		19.96			
10	64QAM	1	0		19.87		21	1.1
10	64QAM	1	25		19.95			
10	64QAM	1	49		19.97			
10	64QAM	25	0		18.89		20	2.1
10	64QAM	25	12		18.93			
10	64QAM	25	25		18.97			
10	64QAM	50	0		18.99			
10	256QAM	1	0		16.89		18	4.1
10	256QAM	1	25		16.94			
10	256QAM	1	49		16.96			
10	256QAM	25	0		16.93		18	4.1
10	256QAM	25	12		16.88			
10	256QAM	25	25		16.90			
10	256QAM	50	0		16.92			
Channel					23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					779.5	782	784.5		
5	QPSK	1	0		20.80	20.87	20.87	22.1	0
5	QPSK	1	12		20.87	20.79	20.79		
5	QPSK	1	24		20.84	20.81	20.84		
5	QPSK	12	0		20.87	20.81	20.84	22	0.1
5	QPSK	12	7		20.85	20.84	20.85		
5	QPSK	12	13		20.81	20.86	20.77		
5	QPSK	25	0		20.78	20.79	20.83		
5	16QAM	1	0		20.84	20.80	20.85	22	0.1
5	16QAM	1	12		20.83	20.89	20.83		
5	16QAM	1	24		20.78	20.84	20.79		
5	16QAM	12	0		19.87	19.87	19.81	21	1.1
5	16QAM	12	7		19.88	19.81	19.81		
5	16QAM	12	13		19.78	19.86	19.89		
5	16QAM	25	0		19.77	19.81	19.77		
5	64QAM	1	0		19.88	19.80	19.85	21	1.1
5	64QAM	1	12		19.86	19.82	19.87		
5	64QAM	1	24		19.87	19.81	19.79		
5	64QAM	12	0		18.87	18.84	18.82	20	2.1
5	64QAM	12	7		18.87	18.85	18.85		
5	64QAM	12	13		18.84	18.81	18.83		
5	64QAM	25	0		18.80	18.80	18.83		
5	256QAM	1	0		16.79	16.84	16.78	18	4.1
5	256QAM	1	12		16.81	16.87	16.81		
5	256QAM	1	24		16.78	16.82	16.85		
5	256QAM	12	0		16.82	16.79	16.86	18	4.1
5	256QAM	12	7		16.79	16.78	16.86		
5	256QAM	12	13		16.88	16.87	16.85		
5	256QAM	25	0		16.88	16.79	16.87		

Band 17 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.79	21.95	21.89	23	0
10	QPSK	1	25	21.66	21.71	21.82		
10	QPSK	1	49	21.90	21.80	21.64		
10	QPSK	25	0	20.85	20.89	20.76	22	1
10	QPSK	25	12	20.66	20.74	20.51		
10	QPSK	25	25	20.70	20.70	20.66		
10	QPSK	50	0	20.75	20.83	20.73		
10	16QAM	1	0	21.06	21.22	21.18	22	1
10	16QAM	1	25	21.05	21.22	20.99		
10	16QAM	1	49	21.20	21.22	21.14		
10	16QAM	25	0	19.61	19.84	19.53	21	2
10	16QAM	25	12	19.63	19.66	19.62		
10	16QAM	25	25	19.64	19.74	19.75		
10	16QAM	50	0	19.72	19.71	19.61		
10	64QAM	1	0	19.86	19.87	19.96	21	2
10	64QAM	1	25	19.91	19.87	19.93		
10	64QAM	1	49	19.86	20.05	19.81		
10	64QAM	25	0	18.76	18.71	18.60	20	3
10	64QAM	25	12	18.67	18.65	18.75		
10	64QAM	25	25	18.65	18.76	18.63		
10	64QAM	50	0	18.59	18.70	18.75		
10	256QAM	1	0	16.89	16.98	16.86	18	5
10	256QAM	1	25	16.77	16.88	16.83		
10	256QAM	1	49	16.86	16.97	16.82		
10	256QAM	25	0	16.79	16.94	16.79	18	5
10	256QAM	25	12	16.80	16.91	16.87		
10	256QAM	25	25	16.77	16.94	16.80		
10	256QAM	50	0	16.83	16.89	16.82		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.87	21.93	21.83	23	0
5	QPSK	1	12	21.74	21.68	21.77		
5	QPSK	1	24	21.76	21.74	21.66		
5	QPSK	12	0	20.81	20.83	20.75	22	1
5	QPSK	12	7	20.70	20.71	20.59		
5	QPSK	12	13	20.64	20.67	20.54		
5	QPSK	25	0	20.69	20.76	20.73		
5	16QAM	1	0	21.03	21.19	21.20	22	1
5	16QAM	1	12	21.02	21.26	20.91		
5	16QAM	1	24	21.15	21.17	21.13		
5	16QAM	12	0	19.65	19.78	19.58	21	2
5	16QAM	12	7	19.66	19.72	19.60		
5	16QAM	12	13	19.64	19.69	19.75		
5	16QAM	25	0	19.66	19.67	19.68		
5	64QAM	1	0	19.85	19.83	19.88	21	2
5	64QAM	1	12	19.77	19.87	19.90		
5	64QAM	1	24	19.80	19.95	19.82		
5	64QAM	12	0	18.79	18.75	18.60	20	3
5	64QAM	12	7	18.57	18.61	18.71		
5	64QAM	12	13	18.61	18.69	18.61		
5	64QAM	25	0	18.57	18.64	18.67		
5	256QAM	1	0	16.84	16.96	16.81	18	5
5	256QAM	1	12	16.79	16.94	16.81		
5	256QAM	1	24	16.81	16.91	16.78		
5	256QAM	12	0	16.81	16.92	16.80	18	5
5	256QAM	12	7	16.74	16.86	16.74		
5	256QAM	12	13	16.80	16.96	16.80		
5	256QAM	25	0	16.79	16.95	16.79		

Band 26 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	19.86	19.97	19.94	21.1	0
15	QPSK	1	37	19.92	19.93	19.87		
15	QPSK	1	74	19.87	19.88	19.85		
15	QPSK	36	0	19.89	19.95	19.84	21.1	0
15	QPSK	36	20	19.87	19.86	19.93		
15	QPSK	36	39	19.91	19.91	19.84		
15	QPSK	75	0	19.92	19.93	19.89		
15	16QAM	1	0	19.92	19.92	19.93	21.1	0
15	16QAM	1	37	19.86	19.93	19.88		
15	16QAM	1	74	19.85	19.85	19.86		
15	16QAM	36	0	19.83	19.86	19.90	21.1	0
15	16QAM	36	20	19.91	19.96	19.84		
15	16QAM	36	39	19.86	19.92	19.88		
15	16QAM	75	0	19.93	19.95	19.86		
15	64QAM	1	0	19.93	19.88	19.95	21.1	0
15	64QAM	1	37	19.84	19.94	19.95		
15	64QAM	1	74	19.94	19.94	19.88		
15	64QAM	36	0	19.42	19.36	19.19	21	0.1
15	64QAM	36	20	19.26	19.28	19.35		
15	64QAM	36	39	19.29	19.34	19.27		
15	64QAM	75	0	19.23	19.33	19.30		
15	256QAM	1	0	17.35	17.54	17.28	19	2.1
15	256QAM	1	37	17.25	17.43	17.42		
15	256QAM	1	74	17.38	17.48	17.22		
15	256QAM	36	0	17.33	17.40	17.26	19	2.1
15	256QAM	36	20	17.16	17.30	17.04		
15	256QAM	36	39	17.16	17.38	17.19		
15	256QAM	75	0	17.14	17.16	17.23		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.82	19.87	19.84	21.1	0
10	QPSK	1	25	19.89	19.86	19.87		
10	QPSK	1	49	19.78	19.91	19.79		
10	QPSK	25	0	19.77	19.86	19.86	21.1	0
10	QPSK	25	12	19.78	19.82	19.78		
10	QPSK	25	25	19.79	19.85	19.81		
10	QPSK	50	0	19.88	19.84	19.85		
10	16QAM	1	0	19.86	19.87	19.78	21.1	0
10	16QAM	1	25	19.81	19.87	19.87		
10	16QAM	1	49	19.83	19.85	19.89		
10	16QAM	25	0	19.82	19.81	19.79	21.1	0
10	16QAM	25	12	19.87	19.83	19.78		
10	16QAM	25	25	19.88	19.81	19.78		
10	16QAM	50	0	19.82	19.90	19.83		
10	64QAM	1	0	19.87	19.86	19.84	21.1	0
10	64QAM	1	25	19.81	19.91	19.84		
10	64QAM	1	49	19.85	19.82	19.85		
10	64QAM	25	0	19.22	19.22	19.13	21	0.1
10	64QAM	25	12	19.27	19.23	19.27		
10	64QAM	25	25	19.20	19.28	19.16		
10	64QAM	50	0	19.18	19.21	19.16		
10	256QAM	1	0	17.21	17.42	17.23	19	2.1
10	256QAM	1	25	17.32	17.41	17.38		
10	256QAM	1	49	17.26	17.41	17.23		
10	256QAM	25	0	17.14	17.28	17.09	19	2.1
10	256QAM	25	12	17.11	17.27	17.02		
10	256QAM	25	25	17.07	17.18	17.16		
10	256QAM	50	0	17.03	17.14	17.02		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.86	19.82	19.87	21.1	0
5	QPSK	1	12	19.86	19.83	19.84		
5	QPSK	1	24	19.81	19.81	19.79		
5	QPSK	12	0	19.77	19.87	19.83	21.1	0
5	QPSK	12	7	19.80	19.81	19.87		
5	QPSK	12	13	19.88	19.88	19.77		
5	QPSK	25	0	19.84	19.81	19.80		
5	16QAM	1	0	19.88	19.82	19.85	21.1	0
5	16QAM	1	12	19.85	19.86	19.78		
5	16QAM	1	24	19.86	19.81	19.79		
5	16QAM	12	0	19.87	19.84	19.80	21.1	0
5	16QAM	12	7	19.85	19.87	19.78		
5	16QAM	12	13	19.77	19.87	19.85		
5	16QAM	25	0	19.79	19.86	19.77		
5	64QAM	1	0	19.84	19.80	19.78	21.1	0
5	64QAM	1	12	19.88	19.84	19.82		
5	64QAM	1	24	19.81	19.85	19.86		
5	64QAM	12	0	19.31	19.26	19.17	21	0.1
5	64QAM	12	7	19.21	19.26	19.26		
5	64QAM	12	13	19.09	19.23	19.21		
5	64QAM	25	0	19.20	19.20	19.12		
5	256QAM	1	0	17.20	17.46	17.19	19	2.1
5	256QAM	1	12	17.22	17.37	17.39		
5	256QAM	1	24	17.23	17.42	17.26		
5	256QAM	12	0	17.19	17.24	17.11	19	2.1
5	256QAM	12	7	17.09	17.18	17.05		
5	256QAM	12	13	17.11	17.29	17.13		
5	256QAM	25	0	17.03	17.15	17.03		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.84	19.86	19.85	21.1	0
3	QPSK	1	8	19.85	19.81	19.82		
3	QPSK	1	14	19.87	19.85	19.82		
3	QPSK	8	0	19.80	19.81	19.88	21.1	0
3	QPSK	8	4	19.80	19.88	19.79		
3	QPSK	8	7	19.86	19.84	19.84		
3	QPSK	15	0	19.85	19.89	19.81		
3	16QAM	1	0	19.83	19.84	19.83	21.1	0
3	16QAM	1	8	19.86	19.82	19.77		
3	16QAM	1	14	19.84	19.85	19.77		
3	16QAM	8	0	19.82	19.85	19.79	21.1	0
3	16QAM	8	4	19.86	19.91	19.78		
3	16QAM	8	7	19.86	19.90	19.82		
3	16QAM	15	0	19.81	19.85	19.82		
3	64QAM	1	0	19.86	19.85	19.86	21.1	0
3	64QAM	1	8	19.81	19.83	19.85		
3	64QAM	1	14	19.83	19.81	19.89		
3	64QAM	8	0	19.26	19.27	19.19	21	0.1
3	64QAM	8	4	19.23	19.21	19.28		
3	64QAM	8	7	19.20	19.28	19.15		
3	64QAM	15	0	19.19	19.18	19.18		
3	256QAM	1	0	17.21	17.42	17.17	19	2.1
3	256QAM	1	8	17.24	17.42	17.41		
3	256QAM	1	14	17.30	17.41	17.22		
3	256QAM	8	0	17.15	17.21	17.15	19	2.1
3	256QAM	8	4	17.03	17.25	17.03		
3	256QAM	8	7	17.09	17.18	17.15		
3	256QAM	15	0	17.01	17.12	17.01		
Channel				26967	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.83	19.89	19.87	21.1	0
1.4	QPSK	1	3	19.81	19.88	19.81		
1.4	QPSK	1	5	19.82	19.85	19.88		
1.4	QPSK	3	0	19.83	19.81	19.85		
1.4	QPSK	3	1	19.82	19.88	19.78		
1.4	QPSK	3	3	19.80	19.81	19.83		
1.4	QPSK	6	0	19.78	19.86	19.79	21.1	0
1.4	16QAM	1	0	19.86	19.80	19.85	21.1	0
1.4	16QAM	1	3	19.85	19.84	19.78		
1.4	16QAM	1	5	19.79	19.79	19.88		
1.4	16QAM	3	0	19.87	19.85	19.88		
1.4	16QAM	3	1	19.81	19.84	19.84		
1.4	16QAM	3	3	19.82	19.84	19.81		
1.4	16QAM	6	0	19.85	19.80	19.78	21.1	0
1.4	64QAM	1	0	19.78	19.91	19.78	21.1	0
1.4	64QAM	1	3	19.89	19.88	19.84		
1.4	64QAM	1	5	19.80	19.83	19.81		
1.4	64QAM	3	0	19.80	19.85	19.87		
1.4	64QAM	3	1	19.82	19.87	19.78		
1.4	64QAM	3	3	19.84	19.88	19.88		
1.4	64QAM	6	0	19.24	19.29	19.38	21	0.1
1.4	256QAM	1	0	17.18	17.38	17.10	19	2.1
1.4	256QAM	1	3	17.24	17.40	17.33		
1.4	256QAM	1	5	17.27	17.34	17.20		
1.4	256QAM	3	0	17.08	17.15	17.21		
1.4	256QAM	3	1	17.04	17.17	17.09		
1.4	256QAM	3	3	17.06	17.17	17.04		
1.4	256QAM	6	0	17.05	17.06	17.01	19	2.1

Band 66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.95	16.06	15.96	16.9	0
20	QPSK	1	49	15.82	15.94	15.92		
20	QPSK	1	99	15.90	15.98	15.97		
20	QPSK	50	0	15.93	16.02	15.91	16.9	0
20	QPSK	50	24	15.84	15.97	15.95		
20	QPSK	50	50	15.93	16.01	15.91		
20	QPSK	100	0	15.88	16.01	15.90		
20	16QAM	1	0	15.93	15.94	16.00	16.9	0
20	16QAM	1	49	15.91	15.96	15.94		
20	16QAM	1	99	15.88	15.97	16.00		
20	16QAM	50	0	15.91	15.93	15.90	16.9	0
20	16QAM	50	24	15.93	16.00	15.96		
20	16QAM	50	50	15.85	15.95	15.95		
20	16QAM	100	0	15.91	15.94	15.93		
20	64QAM	1	0	15.94	16.02	16.00	16.9	0
20	64QAM	1	49	15.86	16.00	15.91		
20	64QAM	1	99	15.88	16.01	15.97		
20	64QAM	50	0	15.82	15.94	16.00	16.9	0
20	64QAM	50	24	15.87	15.96	16.00		
20	64QAM	50	50	15.89	15.93	15.97		
20	64QAM	100	0	15.86	16.00	15.98		
20	256QAM	1	0	15.35	15.52	15.43	16.5	0.4
20	256QAM	1	49	15.36	15.51	15.47		
20	256QAM	1	99	15.35	15.50	15.47		
20	256QAM	50	0	15.42	15.50	15.41	16.5	0.4
20	256QAM	50	24	15.39	15.54	15.50		
20	256QAM	50	50	15.35	15.50	15.44		
20	256QAM	100	0	15.32	15.51	15.44		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.73	15.90	15.85	16.9	0
15	QPSK	1	37	15.82	15.84	15.86		
15	QPSK	1	74	15.78	15.87	15.83		
15	QPSK	36	0	15.77	15.94	15.89	16.9	0
15	QPSK	36	20	15.78	15.86	15.86		
15	QPSK	36	39	15.82	15.85	15.80		
15	QPSK	75	0	15.83	15.90	15.80		
15	16QAM	1	0	15.80	15.86	15.83	16.9	0
15	16QAM	1	37	15.78	15.94	15.88		
15	16QAM	1	74	15.84	15.88	15.80		
15	16QAM	36	0	15.76	15.87	15.85	16.9	0
15	16QAM	36	20	15.78	15.91	15.88		
15	16QAM	36	39	15.82	15.91	15.83		
15	16QAM	75	0	15.80	15.84	15.82		
15	64QAM	1	0	15.79	15.87	15.85	16.9	0
15	64QAM	1	37	15.83	15.83	15.85		
15	64QAM	1	74	15.75	15.93	15.84		
15	64QAM	36	0	15.73	15.88	15.87	16.9	0
15	64QAM	36	20	15.81	15.93	15.84		
15	64QAM	36	39	15.82	15.89	15.84		
15	64QAM	75	0	15.78	15.94	15.87	16.9	0
15	256QAM	1	0	15.29	15.45	15.33	16.5	0.4
15	256QAM	1	37	15.38	15.38	15.41		
15	256QAM	1	74	15.23	15.42	15.37		
15	256QAM	36	0	15.26	15.40	15.33	16.5	0.4
15	256QAM	36	20	15.25	15.41	15.32		
15	256QAM	36	39	15.27	15.37	15.37		
15	256QAM	75	0	15.34	15.43	15.39		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.80	15.92	15.80	16.9	0
10	QPSK	1	25	15.78	15.92	15.84		
10	QPSK	1	49	15.78	15.90	15.88		
10	QPSK	25	0	15.72	15.93	15.85	16.9	0
10	QPSK	25	12	15.82	15.86	15.87		
10	QPSK	25	25	15.84	15.86	15.91		
10	QPSK	50	0	15.84	15.85	15.80		
10	16QAM	1	0	15.82	15.95	15.91	16.9	0
10	16QAM	1	25	15.72	15.94	15.81		
10	16QAM	1	49	15.83	15.93	15.80		
10	16QAM	25	0	15.84	15.95	15.85	16.9	0
10	16QAM	25	12	15.77	15.91	15.86		
10	16QAM	25	25	15.82	15.86	15.87		
10	16QAM	50	0	15.75	15.86	15.86		
10	64QAM	1	0	15.79	15.94	15.80	16.9	0
10	64QAM	1	25	15.80	15.86	15.82		
10	64QAM	1	49	15.79	15.91	15.91		
10	64QAM	25	0	15.75	15.92	15.83	16.9	0
10	64QAM	25	12	15.75	15.93	15.81		
10	64QAM	25	25	15.73	15.89	15.82		
10	64QAM	50	0	15.82	15.95	15.82		
10	256QAM	1	0	15.23	15.41	15.34	16.5	0.4
10	256QAM	1	25	15.23	15.42	15.31		
10	256QAM	1	49	15.24	15.40	15.34		
10	256QAM	25	0	15.34	15.34	15.37	16.5	0.4
10	256QAM	25	12	15.26	15.35	15.30		
10	256QAM	25	25	15.27	15.38	15.32		
10	256QAM	50	0	15.26	15.38	15.37		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.83	15.87	15.80	16.9	0
5	QPSK	1	12	15.73	15.89	15.89		
5	QPSK	1	24	15.82	15.83	15.83		
5	QPSK	12	0	15.83	15.83	15.86	16.9	0
5	QPSK	12	7	15.83	15.91	15.86		
5	QPSK	12	13	15.75	15.93	15.81		
5	QPSK	25	0	15.76	15.86	15.80	16.9	0
5	16QAM	1	0	15.76	15.86	15.87		
5	16QAM	1	12	15.83	15.92	15.89		
5	16QAM	1	24	15.75	15.91	15.79		
5	16QAM	12	0	15.77	15.95	15.85	16.9	0
5	16QAM	12	7	15.78	15.86	15.82		
5	16QAM	12	13	15.73	15.90	15.82		
5	16QAM	25	0	15.77	15.84	15.81		
5	64QAM	1	0	15.72	15.93	15.90	16.9	0
5	64QAM	1	12	15.80	15.87	15.87		
5	64QAM	1	24	15.73	15.84	15.87		
5	64QAM	12	0	15.77	15.91	15.85	16.9	0
5	64QAM	12	7	15.75	15.93	15.86		
5	64QAM	12	13	15.84	15.93	15.80		
5	64QAM	25	0	15.77	15.93	15.87		
5	256QAM	1	0	15.31	15.34	15.33	16.5	0.4
5	256QAM	1	12	15.26	15.35	15.34		
5	256QAM	1	24	15.22	15.43	15.40		
5	256QAM	12	0	15.28	15.43	15.39	16.5	0.4
5	256QAM	12	7	15.33	15.40	15.33		
5	256QAM	12	13	15.25	15.35	15.38		
5	256QAM	25	0	15.33	15.45	15.38		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.83	15.92	15.88	16.9	0
3	QPSK	1	8	15.80	15.86	15.89		
3	QPSK	1	14	15.79	15.84	15.82		
3	QPSK	8	0	15.73	15.94	15.86	16.9	0
3	QPSK	8	4	15.83	15.86	15.80		
3	QPSK	8	7	15.76	15.88	15.86		
3	QPSK	15	0	15.80	15.89	15.86		
3	16QAM	1	0	15.81	15.90	15.79	16.9	0
3	16QAM	1	8	15.83	15.92	15.86		
3	16QAM	1	14	15.82	15.93	15.84		
3	16QAM	8	0	15.79	15.85	15.89	16.9	0
3	16QAM	8	4	15.74	15.83	15.81		
3	16QAM	8	7	15.79	15.91	15.82		
3	16QAM	15	0	15.81	15.89	15.80		
3	64QAM	1	0	15.75	15.90	15.81	16.9	0
3	64QAM	1	8	15.81	15.93	15.82		
3	64QAM	1	14	15.81	15.87	15.81		
3	64QAM	8	0	15.84	15.86	15.86	16.9	0
3	64QAM	8	4	15.79	15.92	15.88		
3	64QAM	8	7	15.73	15.90	15.88		
3	64QAM	15	0	15.75	15.87	15.83		
3	256QAM	1	0	15.26	15.44	15.36	16.5	0.4
3	256QAM	1	8	15.23	15.38	15.32		
3	256QAM	1	14	15.30	15.34	15.37		
3	256QAM	8	0	15.31	15.36	15.35	16.5	0.4
3	256QAM	8	4	15.27	15.33	15.39		
3	256QAM	8	7	15.24	15.43	15.33		
3	256QAM	15	0	15.32	15.37	15.31		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.83	15.86	15.82	16.9	0
1.4	QPSK	1	3	15.83	15.86	15.89		
1.4	QPSK	1	5	15.75	15.95	15.85		
1.4	QPSK	3	0	15.82	15.91	15.90		
1.4	QPSK	3	1	15.74	15.93	15.82		
1.4	QPSK	3	3	15.76	15.83	15.86		
1.4	QPSK	6	0	15.80	15.95	15.89	16.9	0
1.4	16QAM	1	0	15.73	15.89	15.87	16.9	0
1.4	16QAM	1	3	15.73	15.85	15.89		
1.4	16QAM	1	5	15.81	15.90	15.90		
1.4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.54	17.60	17.56		
20	QPSK	1	49	17.45	17.54	17.56	18.9	0
20	QPSK	1	99	17.50	17.59	17.51		
20	QPSK	50	0	17.47	17.55	17.45		
20	QPSK	50	24	17.53	17.52	17.52	18.9	0
20	QPSK	50	50	17.48	17.53	17.46		
20	QPSK	100	0	17.47	17.57	17.54		
20	16QAM	1	0	17.46	17.49	17.45		
20	16QAM	1	49	17.53	17.52	17.48	18.9	0
20	16QAM	1	99	17.54	17.53	17.55		
20	16QAM	50	0	17.43	17.57	17.54		
20	16QAM	50	24	17.47	17.57	17.55	18.9	0
20	16QAM	50	50	17.44	17.56	17.48		
20	16QAM	100	0	17.50	17.50	17.49		
20	64QAM	1	0	17.47	17.49	17.50		
20	64QAM	1	49	17.49	17.52	17.51	18.9	0
20	64QAM	1	99	17.51	17.47	17.49		
20	64QAM	50	0	17.45	17.51	17.49		
20	64QAM	50	24	17.44	17.53	17.50	18.9	0
20	64QAM	50	50	17.47	17.51	17.50		
20	64QAM	100	0	17.49	17.53	17.49		
20	256QAM	1	0	16.48	16.54	16.46		
20	256QAM	1	49	16.47	16.57	16.53	18	0.9
20	256QAM	1	99	16.51	16.51	16.45		
20	256QAM	50	0	16.54	16.48	16.52		
20	256QAM	50	24	16.52	16.51	16.49	18	0.9
20	256QAM	50	50	16.47	16.55	16.55		
20	256QAM	100	0	16.49	16.57	16.47		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.51	17.50	17.49		
15	QPSK	1	37	17.46	17.48	17.39	18.9	0
15	QPSK	1	74	17.44	17.48	17.48		
15	QPSK	36	0	17.53	17.56	17.40		
15	QPSK	36	20	17.46	17.54	17.41	18.9	0
15	QPSK	36	39	17.48	17.47	17.40		
15	QPSK	75	0	17.48	17.48	17.45		
15	16QAM	1	0	17.53	17.49	17.48		
15	16QAM	1	37	17.52	17.57	17.40	18.9	0
15	16QAM	1	74	17.46	17.47	17.44		
15	16QAM	36	0	17.49	17.48	17.51		
15	16QAM	36	20	17.53	17.57	17.45	18.9	0
15	16QAM	36	39	17.45	17.49	17.45		
15	16QAM	75	0	17.49	17.57	17.43		
15	64QAM	1	0	17.47	17.49	17.49		
15	64QAM	1	37	17.45	17.55	17.46	18.9	0
15	64QAM	1	74	17.50	17.58	17.49		
15	64QAM	36	0	17.48	17.56	17.40		
15	64QAM	36	20	17.48	17.57	17.43	18.9	0
15	64QAM	36	39	17.51	17.51	17.50		
15	64QAM	75	0	17.55	17.59	17.42		
15	256QAM	1	0	16.47	16.55	16.46		
15	256QAM	1	37	16.43	16.56	16.44	18	0.9
15	256QAM	1	74	16.51	16.57	16.42		
15	256QAM	36	0	16.44	16.51	16.47		
15	256QAM	36	20	16.44	16.49	16.43	18	0.9
15	256QAM	36	39	16.43	16.56	16.45		
15	256QAM	75	0	16.48	16.49	16.48		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.47	17.53	17.50		
10	QPSK	1	25	17.44	17.49	17.51	18.9	0
10	QPSK	1	49	17.50	17.57	17.49		
10	QPSK	25	0	17.49	17.58	17.40		
10	QPSK	25	12	17.43	17.57	17.43	18.9	0
10	QPSK	25	25	17.46	17.50	17.50		
10	QPSK	50	0	17.47	17.47	17.44		
10	16QAM	1	0	17.55	17.58	17.39		
10	16QAM	1	25	17.47	17.50	17.43	18.9	0
10	16QAM	1	49	17.46	17.53	17.40		
10	16QAM	25	0	17.50	17.55	17.39		
10	16QAM	25	12	17.43	17.57	17.39	18.9	0
10	16QAM	25	25	17.45	17.51	17.40		
10	16QAM	50	0	17.47	17.47	17.39		
10	64QAM	1	0	17.44	17.49	17.42		
10	64QAM	1	25	17.46	17.47	17.50	18.9	0
10	64QAM	1	49	17.54	17.55	17.48		
10	64QAM	25	0	17.52	17.50	17.46		
10	64QAM	25	12	17.54	17.49	17.50	18.9	0
10	64QAM	25	25	17.49	17.50	17.39		
10	64QAM	50	0	17.51	17.47	17.42		
10	256QAM	1	0	16.53	16.49	16.45		
10	256QAM	1	25	16.53	16.50	16.44	18	0.9
10	256QAM	1	49	16.53	16.58	16.43		
10	256QAM	25	0	16.44	16.58	16.46		
10	256QAM	25	12	16.52	16.57	16.43	18	0.9
10	256QAM	25	25	16.50	16.58	16.41		
10	256QAM	50	0	16.45	16.49	16.45		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.52	17.59	17.41		
5	QPSK	1	12	17.48	17.54	17.43	18.9	0
5	QPSK	1	24	17.51	17.49	17.47		
5	QPSK	12	0	17.45	17.47	17.48		
5	QPSK	12	7	17.48	17.56	17.49	18.9	0
5	QPSK	12	13	17.55	17.48	17.50		
5	QPSK	25	0	17.55	17.53	17.49		
5	16QAM	1	0	17.45	17.52	17.50		
5	16QAM	1	12	17.54	17.59	17.44	18.9	0
5	16QAM	1	24	17.43	17.51	17.39		
5	16QAM	12	0	17.51	17.53	17.47		
5	16QAM	12	7	17.54	17.58	17.40	18.9	0
5	16QAM	12	13	17.53	17.48	17.46		
5	16QAM	25	0	17.46	17.50	17.48		
5	64QAM	1	0	17.48	17.55	17.51		
5	64QAM	1	12	17.55	17.53	17.40	18.9	0
5	64QAM	1	24	17.47	17.56	17.43		
5	64QAM	12	0	17.49	17.50	17.48		
5	64QAM	12	7	17.43	17.55	17.47	18.9	0
5	64QAM	12	13	17.48	17.49	17.42		
5	64QAM	25	0	17.48	17.47	17.51		
5	256QAM	1	0	16.52	16.52	16.50		
5	256QAM	1	12	16.47	16.50	16.50	18	0.9
5	256QAM	1	24	16.44	16.57	16.41		
5	256QAM	12	0	16.54	16.59	16.40		
5	256QAM	12	7	16.44	16.57	16.40	18	0.9
5	256QAM	12	13	16.54	16.49	16.40		
5	256QAM	25	0	16.49	16.58	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	17.62	17.67	17.70	17.65	17.49		
20	QPSK	1	49	17.52	17.64	17.67	17.68	17.56	18.9	0
20	QPSK	1	99	17.63	17.58	17.63	17.61	17.53		
20	QPSK	50	0	17.56	17.58	17.65	17.58	17.55		
20	QPSK	50	24	17.63	17.58	17.63	17.60	17.52	18.9	0
20	QPSK	50	50	17.58	17.61	17.63	17.63	17.47		
20	QPSK	100	0	17.59	17.61	17.68	17.66	17.47		
20	16QAM	1	0	17.57	17.63	17.60	17.67	17.54		
20	16QAM	1	49	17.64	17.58	17.64	17.62	17.55	18.9	0
20	16QAM	1	99	17.61	17.54	17.66	17.63	17.52		
20	16QAM	50	0	17.58	17.55	17.61	17.60	17.53		
20	16QAM	50	24	17.61	17.59	17.69	17.59	17.52	18.9	0
20	16QAM	50	50	17.53	17.57	17.67	17.58	17.55		
20	16QAM	100	0	17.55	17.65	17.67	17.58	17.55		
20	64QAM	1	0	17.60	17.58	17.68	17.64	17.51		
20	64QAM	1	49	17.64	17.56	17.68	17.61	17.51	18.9	0
20	64QAM	1	99	17.59	17.61	17.66	17.57	17.54		
20	64QAM	50	0	17.56	17.53	17.67	17.66	17.54		
20	64QAM	50	24	17.60	17.57	17.67	17.64	17.51	18.9	0
20	64QAM	50	50	17.64	17.59	17.63	17.58	17.55		
20	64QAM	100	0	17.53	17.58	17.64	17.61	17.54		
20	256QAM	1	0	16.60	16.62	16.60	16.65	16.55		
20	256QAM	1	49	16.55	16.57	16.61	16.56	16.56	18	0.9
20	256QAM	1	99	16.63	16.60	16.67	16.62	16.47		
20	256QAM	50	0	16.53	16.56	16.70	16.66	16.50		
20	256QAM	50	24	16.53	16.63	16.63	16.63	16.56	18	0.9
20	256QAM	50	50	16.61	16.55	16.64	16.67	16.49		
20	256QAM	100	0	16.56	16.59	16.71	16.66	16.49		
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	17.42	17.44	17.52	17.56	17.41		
15	QPSK	1	37	17.42	17.44	17.60	17.51	17.43	19	0
15	QPSK	1	74	17.46	17.46	17.51	17.56	17.36		
15	QPSK	36	0	17.50	17.47	17.51	17.47	17.41		
15	QPSK	36	20	17.52	17.46	17.57	17.52	17.39	18.9	0
15	QPSK	36	39	17.42	17.55	17.55	17.52	17.42		
15	QPSK	75	0	17.46	17.45	17.61	17.54	17.36		
15	16QAM	1	0	17.43	17.47	17.51	17.55	17.44		
15	16QAM	1	37	17.47	17.50	17.57	17.54	17.38	18.9	0
15	16QAM	1	74	17.53	17.51	17.51	17.48	17.37		
15	16QAM	36	0	17.54	17.48	17.56	17.50	17.47		
15	16QAM	36	20	17.43	17.53	17.49	17.58	17.37	18.9	0
15	16QAM	36	39	17.50	17.47	17.59	17.49	17.38		
15	16QAM	75	0	17.48	17.49	17.57	17.54	17.38		
15	64QAM	1	0	17.50	17.46	17.53	17.55	17.37		
15	64QAM	1	37	17.46	17.52	17.50	17.50	17.39	18.9	0
15	64QAM	1	74	17.51	17.44	17.54	17.53	17.46		
15	64QAM	36	0	17.43	17.53	17.50	17.55	17.40		
15	64QAM	36	20	17.43	17.47	17.55	17.47	17.45	18.9	0
15	64QAM	36	39	17.42	17.49	17.55	17.47	17.46		
15	64QAM	75	0	17.47	17.52	17.58	17.49	17.37		
15	256QAM	1	0	16.52	16.52	16.55	16.49	16.45		
15	256QAM	1	37	16.49	16.45	16.55	16.47	16.37	18	0.9
15	256QAM	1	74	16.42	16.54	16.51	16.54	16.38		
15	256QAM	36	0	16.51	16.48	16.61	16.50	16.39		
15	256QAM	36	20	16.42	16.54	16.52	16.55	16.40	18	0.9
15	256QAM	36	39	16.45	16.43	16.56	16.55	16.36		
15	256QAM	75	0	16.54	16.44	16.50	16.48	16.41		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.46	17.47	17.52	17.57	17.42		
10	QPSK	1	25	17.47	17.53	17.51	17.57	17.39	19	0
10	QPSK	1	49	17.54	17.45	17.60	17.56	17.43		
10	QPSK	25	0	17.52	17.51	17.56	17.46	17.46		
10	QPSK	25	12	17.51	17.49	17.55	17.58	17.46	18.9	0
10	QPSK	25	25	17.42	17.43	17.50	17.54	17.39		
10	QPSK	50	0	17.52	17.54	17.51	17.51	17.46		
10	16QAM	1	0	17.42	17.50	17.49	17.47	17.46		
10	16QAM	1	25	17.45	17.51	17.60	17.57	17.38	18.9	0
10	16QAM	1	49	17.49	17.54	17.60	17.47	17.45		
10	16QAM	25	0	17.49	17.44	17.55	17.47	17.42		
10	16QAM	25	12	17.44	17.55	17.51	17.58	17.40	18.9	0
10	16QAM	25	25	17.53	17.51	17.55	17.49	17.47		
10	16QAM	50	0	17.50	17.49	17.55	17.49	17.37		
10	64QAM	1	0	17.51	17.54	17.52	17.47	17.36		
10	64QAM	1	25	17.53	17.50	17.61	17.55	17.37	18.9	0
10	64QAM	1	49	17.43	17.47	17.57	17.52	17.38		
10	64QAM	25	0	17.44	17.49	17.51	17.54	17.37		
10	64QAM	25	12	17.47	17.54	17.51	17.57	17.38	18.9	0
10	64QAM	25	25	17.52	17.52	17.50	17.58	17.38		
10	64QAM	50	0	17.45	17.46	17.54	17.48	17.46		
10	256QAM	1	0	16.42	16.44	16.52	16.56	16.44		
10	256QAM	1	25	16.43	16.50	16.57	16.55	16.44	18	0.9
10	256QAM	1	49	16.48	16.46	16.54	16.54	16.39		
10	256QAM	25	0	16.54	16.53	16.54	16.53	16.39		
10	256QAM	25	12	16.47	16.50	16.50	16.50	16.39	18	0.9
10	256QAM	25	25	16.53	16.52	16.59	16.56	16.43		
10	256QAM	50	0	16.51	16.51	16.56	16.55	16.41		
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	17.43	17.49	17.55	17.57	17.36		
5	QPSK	1	12	17.52	17.49	17.51	17.49	17.39	19	0
5	QPSK	1	24	17.53	17.47	17.60	17.56	17.38		
5	QPSK	12	0	17.43	17.47	17.50	17.57	17.35		
5	QPSK	12	7	17.46	17.50	17.54	17.55	17.43	18.9	0
5	QPSK	12	13	17.45	17.51	17.51	17.56	17.46		
5	QPSK	25	0	17.49	17.47	17.53	17.47	17.43		
5	16QAM	1	0	17.52	17.44	17.52	17.47	17.37		
5	16QAM	1	12	17.47	17.49	17.59	17.56	17.46	18.9	0
5	16QAM	1	24	17.49	17.43	17.50	17.55	17.45		
5	16QAM	12	0	17.54	17.51	17.58	17.52	17.44		
5	16QAM	12	7	17.46	17.54	17.60	17.46	17.41	18.9	0
5	16QAM	12	13	17.48	17.46	17.55	17.49	17.39		
5	16QAM	25	0	17.49	17.51	17.57	17.53	17.36		
5	64QAM	1	0	17.53	17.54	17.51	17.54	17.37		
5	64QAM	1	12	17.53	17.49	17.58	17.52	17.40	18.9	0
5	64QAM	1	24	17.48	17.46	17.51	17.56	17.37		
5	64QAM	12	0	17.54	17.53	17.52	17.52	17.36		
5	64QAM	12	7	17.46	17.47	17.57	17.54	17.39	18.9	0
5	64QAM	12	13	17.48	17.47	17.60	17.52	17.46		
5	64QAM	25	0	17.51	17.50	17.53	17.55	17.43		
5	256QAM	1	0	16.47	16.45	16.58	16.50	16.42		
5	256QAM	1	12	16.43	16.44	16.53	16.47	16.38	18	0.9
5	256QAM	1	24	16.42	16.54	16.51	16.53	16.41		
5	256QAM	12	0	16.51	16.47	16.58	16.46	16.35		
5	256QAM	12	7	16.50	16.47	16.54	16.53	16.35	18	0.9
5	256QAM	12	13	16.53	16.49	16.56	16.50	16.39		
5	256QAM	25	0	16.49	16.49	16.54	16.47	16.43		

GSM1900 Ant2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.86	28.73	28.55	30.10	19.86	19.73	19.55	21.10
GPRS 1 Tx slot	28.85	28.72	28.54	30.10	19.85	19.72	19.54	21.10
GPRS 2 Tx slots	26.12	25.93	25.88	27.10	20.12	19.93	19.88	21.10
GPRS 3 Tx slots	24.05	24.14	24.08	25.30	19.79	19.88	19.82	21.04
GPRS 4 Tx slots	22.86	22.88	22.83	24.10	19.86	19.88	19.83	21.10
EDGE 1 Tx slot	24.40	24.61	24.81	25.50	15.40	15.61	15.81	16.50
EDGE 2 Tx slots	23.32	23.48	23.73	24.50	17.32	17.48	17.73	18.50
EDGE 3 Tx slots	21.27	21.44	21.67	22.50	17.01	17.18	17.41	18.24
EDGE 4 Tx slots	20.15	20.20	20.28	21.00	17.15	17.20	17.28	18.00

Band		WCDMA II Ant2			Tune-up Limit (dBm)	WCDMA IV Ant2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.11	17.03	16.98	18.50	17.17	17.26	17.05	18.30
3GPP Rel 99	RMC 12.2Kbps	17.18	17.20	17.14	18.50	17.28	17.31	17.30	18.30
3GPP Rel 6	HSDPA Subtest-1	16.14	16.12	16.13	17.50	16.23	16.29	16.26	17.30
3GPP Rel 6	HSDPA Subtest-2	16.06	16.21	16.09	17.50	16.21	16.25	16.21	17.30
3GPP Rel 6	HSDPA Subtest-3	15.66	15.73	15.42	17.00	15.65	15.81	15.52	16.80
3GPP Rel 6	HSDPA Subtest-4	15.74	15.68	15.47	17.00	15.94	15.77	15.59	16.80
3GPP Rel 8	DC-HSDPA Subtest-1	16.04	16.20	16.09	17.50	16.30	16.33	16.13	17.30
3GPP Rel 8	DC-HSDPA Subtest-2	16.17	16.16	16.06	17.50	16.25	16.16	16.05	17.30
3GPP Rel 8	DC-HSDPA Subtest-3	15.64	15.71	15.66	17.00	15.84	15.79	15.67	16.80
3GPP Rel 8	DC-HSDPA Subtest-4	15.68	15.76	15.61	17.00	15.71	15.83	15.72	16.80
3GPP Rel 6	HSUPA Subtest-1	16.13	16.02	16.02	17.50	16.22	16.10	16.07	17.30
3GPP Rel 6	HSUPA Subtest-2	14.19	14.13	13.96	15.50	14.30	14.22	14.05	15.30
3GPP Rel 6	HSUPA Subtest-3	15.28	15.11	15.11	16.50	15.31	15.32	15.30	16.30
3GPP Rel 6	HSUPA Subtest-4	14.23	14.10	14.12	15.50	14.39	14.24	14.28	15.30
3GPP Rel 6	HSUPA Subtest-5	16.18	16.09	16.17	17.50	16.25	16.34	16.28	17.30
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.78	13.85	13.73	15.00	13.93	13.85	13.89	14.80

Band 2 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			18700	18900	19100		
	Frequency (MHz)			1860	1880	1900		
20	QPSK	1	0	18.49	18.56	18.43	19.7	0
20	QPSK	1	49	18.51	18.46	18.47		
20	QPSK	1	99	18.42	18.45	18.44		
20	QPSK	50	0	18.55	18.45	18.47	19.7	0
20	QPSK	50	24	18.46	18.45	18.52		
20	QPSK	50	50	18.50	18.46	18.52		
20	QPSK	100	0	18.46	18.53	18.45		
20	16QAM	1	0	18.52	18.51	18.52	19.7	0
20	16QAM	1	49	18.42	18.45	18.43		
20	16QAM	1	99	18.43	18.54	18.42		
20	16QAM	50	0	18.49	18.54	18.42	19.7	0
20	16QAM	50	24	18.43	18.45	18.49		
20	16QAM	50	50	18.43	18.48	18.53		
20	16QAM	100	0	18.46	18.54	18.51		
20	64QAM	1	0	18.44	18.52	18.41	19.7	0
20	64QAM	1	49	18.49	18.51	18.49		
20	64QAM	1	99	18.45	18.51	18.43		
20	64QAM	50	0	18.43	18.43	18.49	19.7	0
20	64QAM	50	24	18.47	18.55	18.51		
20	64QAM	50	50	18.52	18.46	18.50		
20	64QAM	100	0	18.42	18.46	18.43		
20	256QAM	1	0	17.40	17.54	17.40	19	0.7
20	256QAM	1	49	17.36	17.52	17.50		
20	256QAM	1	99	17.44	17.48	17.38		
20	256QAM	50	0	17.43	17.44	17.43	19	0.7
20	256QAM	50	24	17.36	17.46	17.38		
20	256QAM	50	50	17.40	17.46	17.38		
20	256QAM	100	0	17.47	17.46	17.40		
	Channel			18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1857.5	1880	1902.5		
15	QPSK	1	0	18.41	18.44	18.40	19.7	0
15	QPSK	1	37	18.41	18.45	18.40		
15	QPSK	1	74	18.46	18.45	18.44		
15	QPSK	36	0	18.37	18.38	18.40	19.7	0
15	QPSK	36	20	18.42	18.43	18.37		
15	QPSK	36	39	18.40	18.49	18.40		
15	QPSK	75	0	18.43	18.39	18.40		
15	16QAM	1	0	18.40	18.44	18.40	19.7	0
15	16QAM	1	37	18.41	18.38	18.47		
15	16QAM	1	74	18.42	18.48	18.44		
15	16QAM	36	0	18.44	18.44	18.39	19.7	0
15	16QAM	36	20	18.37	18.42	18.39		
15	16QAM	36	39	18.40	18.43	18.36		
15	16QAM	75	0	18.42	18.43	18.36		
15	64QAM	1	0	18.42	18.48	18.36	19.7	0
15	64QAM	1	37	18.39	18.44	18.47		
15	64QAM	1	74	18.42	18.46	18.44		
15	64QAM	36	0	18.39	18.41	18.45	19.7	0
15	64QAM	36	20	18.44	18.40	18.39		
15	64QAM	36	39	18.39	18.42	18.44		
15	64QAM	75	0	18.40	18.49	18.44		
15	256QAM	1	0	17.47	17.53	17.45	19	0.7
15	256QAM	1	37	17.47	17.46	17.48		
15	256QAM	1	74	17.42	17.47	17.40		
15	256QAM	36	0	17.46	17.50	17.46	19	0.7
15	256QAM	36	20	17.42	17.45	17.42		
15	256QAM	36	39	17.45	17.49	17.46		
15	256QAM	75	0	17.44	17.47	17.38		
	Channel			18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1855	1880	1905		
10	QPSK	1	0	18.38	18.37	18.41	19.7	0
10	QPSK	1	25	18.40	18.42	18.43		
10	QPSK	1	49	18.36	18.38	18.38		
10	QPSK	25	0	18.36	18.49	18.44	19.7	0
10	QPSK	25	12	18.41	18.41	18.37		
10	QPSK	25	25	18.46	18.49	18.37		
10	QPSK	50	0	18.37	18.44	18.40		
10	16QAM	1	0	18.47	18.42	18.37	19.7	0
10	16QAM	1	25	18.42	18.43	18.35		
10	16QAM	1	49	18.38	18.40	18.40		
10	16QAM	25	0	18.46	18.39	18.46	19.7	0
10	16QAM	25	12	18.35	18.43	18.36		
10	16QAM	25	25	18.40	18.41	18.45		
10	16QAM	50	0	18.43	18.43	18.44		
10	64QAM	1	0	18.39	18.46	18.44	19.7	0
10	64QAM	1	25	18.45	18.44	18.47		
10	64QAM	1	49	18.37	18.39	18.40		
10	64QAM	25	0	18.39	18.43	18.46	19.7	0
10	64QAM	25	12	18.37	18.43	18.46		
10	64QAM	25	25	18.41	18.44	18.41		
10	64QAM	50	0	18.38	18.47	18.44		
10	256QAM	1	0	17.46	17.46	17.38	19	0.7
10	256QAM	1	25	17.40	17.45	17.45		
10	256QAM	1	49	17.46	17.40	17.41		
10	256QAM	25	0	17.42	17.49	17.47	19	0.7
10	256QAM	25	12	17.35	17.46	17.43		
10	256QAM	25	25	17.40	17.47	17.39		
10	256QAM	50	0	17.43	17.39	17.35		
	Channel			18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1852.5	1880	1907.5		
5	QPSK	1	0	18.36	18.46	18.40	19.7	0
5	QPSK	1	12	18.43	18.46	18.47		
5	QPSK	1	24	18.38	18.46	18.40		
5	QPSK	12	0	18.42	18.41	18.38	19.7	0
5	QPSK	12	7	18.36	18.39	18.42		
5	QPSK	12	13	18.45	18.41	18.41		
5	QPSK	25	0	18.38	18.39	18.38		
5	16QAM	1	0	18.44	18.48	18.41	19.7	0
5	16QAM	1	12	18.36	18.47	18.35		
5	16QAM	1	24	18.38	18.46	18.40		
5	16QAM	12	0	18.38	18.46	18.40	19.7	0
5	16QAM	12	7	18.45	18.46	18.38		
5	16QAM	12	13	18.45	18.38	18.43		
5	16QAM	25	0	18.39	18.39	18.39		
5	64QAM	1	0	18.45	18.37	18.42	19.7	0
5	64QAM	1	12	18.37	18.46	18.41		
5	64QAM	1	24	18.39	18.45	18.37		
5	64QAM	12	0	18.44	18.47	18.41	19.7	0
5	64QAM	12	7	18.44	18.44	18.44		
5	64QAM	12	13	18.42	18.45	18.44		
5	64QAM	25	0	18.42	18.37	18.47		
5	256QAM	1	0	17.41	17.39	17.39	19	0.7
5	256QAM	1	12	17.36	17.46	17.48		
5	256QAM	1	24	17.47	17.40	17.38		
5	256QAM	12	0	17.41	17.46	17.44	19	0.7
5	256QAM	12	7	17.42	17.42	17.42		
5	256QAM	12	13	17.45	17.40	17.37		
5	256QAM	25	0	17.35	17.42	17.37		
	Channel			18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1851.5	1880	1908.5		
3	QPSK	1	0	18.43	18.42	18.39	19.7	0
3	QPSK	1	8	18.44	18.45	18.36		
3	QPSK	1	14	18.41	18.42	18.36		
3	QPSK	8	0	18.42	18.41	18.38	19.7	0
3	QPSK	8	4	18.41	18.43	18.46		
3	QPSK	8	7	18.42	18.45	18.39		
3	QPSK	15	0	18.40	18.48	18.42	19.7	0
3	16QAM	1	0	18.42	18.45	18.45		
3	16QAM	1	8	18.42	18.37	18.42		
3	16QAM	1	14	18.37	18.48	18.45		
3	16QAM	8	0	18.46	18.41	18.43	19.7	0
3	16QAM	8	4	18.36	18.48	18.37		
3	16QAM	8	7	18.39	18.47	18.46		
3	16QAM	15	0	18.40	18.40	18.38		
3	64QAM	1	0	18.41	18.48	18.41	19.7	0
3	64QAM	1	8	18.42	18.37	18.46		
3	64QAM	1	14	18.44	18.46	18.45		
3	64QAM	8	0	18.36	18.43	18.42	19.7	0
3	64QAM	8	4	18.45	18.46	18.39		
3	64QAM	8	7	18.47	18.49	18.46		
3	64QAM	15	0	18.46	18.38	18.46		
3	256QAM	1	0	17.45	17.53	17.42	19	0.7
3	256QAM	1	8	17.38	17.43	17.42		
3	256QAM	1	14	17.39	17.48	17.36		
3	256QAM	8	0	17.36	17.41	17.37	19	0.7
3	256QAM	8	4	17.45	17.42	17.41		
3	256QAM	8	7	17.35	17.50	17.43		
3	256QAM	15	0	17.40	17.47	17.37		
	Channel			18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1850.7	1880	1909.3		
1.4	QPSK	1	0	18.46	18.41	18.38	19.7	0
1.4	QPSK	1	3	18.47	18.47	18.41		
1.4	QPSK	1	5	18.40	18.39	18.37		
1.4	QPSK	3	0	18.46	18.47	18.36		
1.4	QPSK	3	1	18.36	18.38	18.41		
1.4	QPSK	3	3	18.38	18.40	18.41		
1.4	QPSK	6	0	18.47	18.40	18.38	19.7	0
1.4	16QAM	1	0	18.35	18.43	18.38	19.7	0
1.4	16QAM	1	3	18.45	18.38	18.39		
1.4	16QAM	1	5	18.39	18.46	18.35		
1.4	16QAM	3	0	18.40	18.49	18.36		
1.4	16QAM	3	1	18.36	18.37	18.47		
1.4	16QAM	3	3	18.41	18.46	18.41		
1.4	16QAM	6	0	18.46	18.39	18.42	19.7	0
1.4	64QAM	1	0	18.41	18.43	18.45	19.7	0
1.4	64QAM	1	3	18.46	18.47	18.40		
1.4	64QAM	1	5	18.38	18.40	18.43		
1.4	64QAM	3	0	18.45	18.43	18.41		
1.4	64QAM	3	1	18.46	18.39	18.42		
1.4	64QAM	3	3	18.42	18.41	18.44		
1.4	64QAM	6	0	18.41	18.39	18.44	19.7	0
1.4	256QAM	1	0	17.34	17.39	17.38	19	0.7
1.4	256QAM	1	3	17.33	17.39	17.35		
1.4	256QAM	1	5	17.40	17.36	17.36		
1.4	256QAM	3	0	17.34	17.40	17.40		
1.4	256QAM	3	1	17.33	17.41	17.33		
1.4	256QAM	3	3	17.39	17.42	17.30		
1.4	256QAM	6	0	17.38	17.35	17.30	19	0.7

Band 4 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			20050	20175	20300		
	Frequency (MHz)			1720	1732.5	1745		
20	QPSK	1	0	17.93	18.01	17.86	18.9	0
20	QPSK	1	49	17.88	17.88	17.94		
20	QPSK	1	99	17.92	17.98	17.90		
20	QPSK	50	0	17.96	18.00	17.89	18.9	0
20	QPSK	50	24	17.96	17.98	17.85		
20	QPSK	50	50	17.89	17.91	17.86		
20	QPSK	100	0	17.91	17.97	17.92		
20	16QAM	1	0	17.91	17.95	17.81	18.9	0
20	16QAM	1	49	17.88	17.96	17.94		
20	16QAM	1	99	17.87	17.96	17.93		
20	16QAM	50	0	17.96	17.92	17.96	18.9	0
20	16QAM	50	24	17.88	17.96	17.89		
20	16QAM	50	50	17.86	17.91	17.85		
20	16QAM	100	0	17.87	17.90	17.96		
20	64QAM	1	0	17.88	17.95	17.94	18.9	0
20	64QAM	1	49	17.93	17.96	17.86		
20	64QAM	1	99	17.94	17.98	17.95		
20	64QAM	50	0	17.97	17.91	17.89	18.9	0
20	64QAM	50	24	17.95	17.92	17.92		
20	64QAM	50	50	17.92	17.93	17.88		
20	64QAM	100	0	17.91	17.93	17.96		
20	256QAM	1	0	17.39	17.42	17.44	18.9	0
20	256QAM	1	49	17.45	17.45	17.43		
20	256QAM	1	99	17.45	17.38	17.45		
20	256QAM	50	0	17.38	17.44	17.44	18.9	0
20	256QAM	50	24	17.45	17.46	17.44		
20	256QAM	50	50	17.47	17.48	17.44		
20	256QAM	100	0	17.41	17.46	17.40		
	Channel			20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1732.5	1747.5		
15	QPSK	1	0	17.92	17.96	17.85	18.9	0
15	QPSK	1	37	17.86	17.87	17.92		
15	QPSK	1	74	17.95	17.94	17.89		
15	QPSK	36	0	17.90	17.91	17.96	18.9	0
15	QPSK	36	20	17.97	17.93	17.91		
15	QPSK	36	39	17.95	17.87	17.86		
15	QPSK	75	0	17.90	17.88	17.92		
15	16QAM	1	0	17.90	17.93	17.92	18.9	0
15	16QAM	1	37	17.91	17.95	17.85		
15	16QAM	1	74	17.90	17.94	17.91		
15	16QAM	36	0	17.89	17.97	17.92		
15	16QAM	36	20	17.88	17.99	17.95		
15	16QAM	36	39	17.86	17.94	17.91		
15	16QAM	75	0	17.92	17.98	17.94		
15	64QAM	1	0	17.95	17.92	17.96	18.9	0
15	64QAM	1	37	17.87	17.87	17.86		
15	64QAM	1	74	17.89	17.96	17.90		
15	64QAM	36	0	17.93	17.90	17.87	18.9	0
15	64QAM	36	20	17.86	17.98	17.97		
15	64QAM	36	39	17.90	17.97	17.87		
15	64QAM	75	0	17.93	17.88	17.94		
15	256QAM	1	0	17.37	17.38	17.37	18.9	0
15	256QAM	1	37	17.35	17.36	17.34		
15	256QAM	1	74	17.32	17.37	17.36		
15	256QAM	36	0	17.35	17.36	17.39	18.9	0
15	256QAM	36	20	17.38	17.37	17.38		
15	256QAM	36	39	17.31	17.34	17.31		
15	256QAM	75	0	17.34	17.37	17.29		
	Channel			20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1732.5	1750		
10	QPSK	1	0	17.88	17.94	17.92	18.9	0
10	QPSK	1	25	17.92	17.95	17.86		
10	QPSK	1	49	17.90	17.97	17.86		
10	QPSK	25	0	17.90	17.95	17.86	18.9	0
10	QPSK	25	12	17.93	17.87	17.94		
10	QPSK	25	25	17.89	17.88	17.86		
10	QPSK	50	0	17.86	17.91	17.91		
10	16QAM	1	0	17.96	17.94	17.85	18.9	0
10	16QAM	1	25	17.94	17.92	17.96		
10	16QAM	1	49	17.93	17.97	17.94		
10	16QAM	25	0	17.95	17.97	17.95	18.9	0
10	16QAM	25	12	17.96	17.91	17.96		
10	16QAM	25	25	17.88	17.98	17.94		
10	16QAM	50	0	17.96	17.95	17.95		
10	64QAM	1	0	17.96	17.97	17.86	18.9	0
10	64QAM	1	25	17.92	17.87	17.90		
10	64QAM	1	49	17.94	17.91	17.95		
10	64QAM	25	0	17.95	17.93	17.93	18.9	0
10	64QAM	25	12	17.88	17.92	17.92		
10	64QAM	25	25	17.89	17.90	17.85		
10	64QAM	50	0	17.95	17.88	17.93		
10	256QAM	1	0	17.33	17.44	17.32	18.9	0
10	256QAM	1	25	17.37	17.40	17.42		
10	256QAM	1	49	17.41	17.38	17.40		
10	256QAM	25	0	17.37	17.36	17.40	18.9	0
10	256QAM	25	12	17.37	17.33	17.40		
10	256QAM	25	25	17.30	17.38	17.32		
10	256QAM	50	0	17.38	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	17.95	17.94	17.87	18.9	0
5	QPSK	1	12	17.88	17.92	17.93		
5	QPSK	1	24	17.89	17.91	17.97		
5	QPSK	12	0	17.86	17.92	17.86	18.9	0
5	QPSK	12	7	17.95	17.96	17.94		
5	QPSK	12	13	17.86	17.87	17.86		
5	QPSK	25	0	17.86	17.90	17.93		
5	16QAM	1	0	17.90	17.91	17.95	18.9	0
5	16QAM	1	12	17.91	17.88	17.89		
5	16QAM	1	24	17.96	17.91	17.85		
5	16QAM	12	0	17.95	17.96	17.93	18.9	0
5	16QAM	12	7	17.91	17.92	17.91		
5	16QAM	12	13	17.90	17.98	17.91		
5	16QAM	25	0	17.93	17.87	17.85		
5	64QAM	1	0	17.91	17.96	17.96	18.9	0
5	64QAM	1	12	17.91	17.96	17.92		
5	64QAM	1	24	17.85	17.88	17.94		
5	64QAM	12	0	17.94	17.92	17.93	18.9	0
5	64QAM	12	7	17.90	17.96	17.91		
5	64QAM	12	13	17.91	17.88	17.91		
5	64QAM	25	0	17.94	17.93	17.90		
5	256QAM	1	0	17.30	17.37	17.40	18.9	0
5	256QAM	1	12	17.34	17.45	17.43		
5	256QAM	1	24	17.35	17.41	17.32		
5	256QAM	12	0	17.31	17.41	17.37	18.9	0
5	256QAM	12	7	17.30	17.33	17.41		
5	256QAM	12	13	17.29	17.34	17.33		
5	256QAM	25	0	17.30	17.33	17.39		
	Channel			19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1711.5	1732.5	1753.5		
3	QPSK	1	0	17.93	17.91	17.91	18.9	0
3	QPSK	1	8	17.88	17.98	17.85		
3	QPSK	1	14	17.97	17.92	17.96		
3	QPSK	8	0	17.89	17.98	17.96	18.9	0
3	QPSK	8	4	17.95	17.94	17.94		
3	QPSK	8	7	17.90	17.96	17.92		
3	QPSK	15	0	17.93	17.93	17.92		
3	16QAM	1	0	17.96	17.88	17.88	18.9	0
3	16QAM	1	8	17.95	17.89	17.89		
3	16QAM	1	14	17.96	17.96	17.96		
3	16QAM	8	0	17.94	17.98	17.90	18.9	0
3	16QAM	8	4	17.94	17.94	17.89		
3	16QAM	8	7	17.99	17.97	17.94		
3	16QAM	15	0	17.95	17.98	17.97		
3	64QAM	1	0	17.91	17.91	17.88	18.9	0
3	64QAM	1	8	17.90	17.90	17.92		
3	64QAM	1	14	17.90	17.95	17.90		
3	64QAM	8	0	17.97	17.97	17.96	18.9	0
3	64QAM	8	4	17.88	17.89	17.91		
3	64QAM	8	7	17.89	17.93	17.85		
3	64QAM	15	0	17.90	17.86	17.86		
3	256QAM	1	0	17.40	17.47	17.35	18.9	0
3	256QAM	1	8	17.32	17.46	17.45		
3	256QAM	1	14	17.33	17.32	17.39		
3	256QAM	8	0	17.34	17.32	17.36	18.9	0
3	256QAM	8	4	17.36	17.37	17.40		
3	256QAM	8	7	17.30	17.39	17.35		
3	256QAM	15	0	17.40	17.33	17.30		
	Channel			19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.86	17.96	17.96	18.9	0
1.4	QPSK	1	3	17.87	17.87	17.94		
1.4	QPSK	1	5	17.89	17.93	17.95		
1.4	QPSK	3	0	17.86	17.99	17.95		
1.4	QPSK	3	1	17.89	17.93	17.93		
1.4	QPSK	3	3	17.87	17.98	17.88		
1.4	QPSK	6	0	17.92	17.87	17.85	18.9	0
1.4	16QAM	1	0	17.93	17.91	17.92	18.9	0
1.4	16QAM	1	3	17.92	17.94	17.86		
1.4	16QAM	1	5	17.87	17.93	17.93		
1.4	16QAM	3	0	17.96	17.89	17.85		
1.4	16QAM	3	1	17.89	17.87	17.96		
1.4	16QAM	3	3	17.95	17.97	17.94		
1.4	16QAM	6	0	17.95	17.97	17.90	18.9	0
1.4	64QAM	1	0	17.92	17.92	17.92	18.9	0
1.4	64QAM	1	3	17.91	17.90	17.87		
1.4	64QAM	1	5	17.85	17.91	17.89		
1.4	64QAM	3	0	17.95	17.89	17.86		
1.4	64QAM	3	1	17.90	17.92	17.92		
1.4	64QAM	3	3	17.92	17.89	17.87		
1.4	64QAM	6	0	17.87	17.96	17.96	18.9	0
1.4	256QAM	1	0	17.37	17.44	17.37	18.9	0
1.4	256QAM	1	3	17.38	17.34	17.34		
1.4	256QAM	1	5	17.38	17.40	17.31		
1.4	256QAM	3	0	17.32	17.42	17.43		
1.4	256QAM	3	1	17.31	17.44	17.29		
1.4	256QAM	3	3	17.35	17.37	17.34		
1.4	256QAM	6	0	17.38	17.34	17.34	18.9	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			20850	21100	21350		
	Frequency (MHz)			2510	2535	2560		
20	QPSK	1	0	18.10	18.16	18.12	19	0
20	QPSK	1	49	18.03	18.15	18.09		
20	QPSK	1	99	18.12	18.12	18.07		
20	QPSK	50	0	18.06	18.14	18.09	19	0
20	QPSK	50	24	18.07	18.09	18.05		
20	QPSK	50	50	18.07	18.04	18.07		
20	QPSK	100	0	18.08	18.11	18.06		
20	16QAM	1	0	18.02	18.07	18.01	19	0
20	16QAM	1	49	18.02	18.14	18.04		

Band 38 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.45	20.49	20.43	21.4	0
20	QPSK	1	49	20.36	20.47	20.39		
20	QPSK	1	99	20.43	20.47	20.39		
20	QPSK	50	0	20.42	20.46	20.45	21.4	0
20	QPSK	50	24	20.45	20.37	20.38		
20	QPSK	50	50	20.45	20.44	20.41		
20	QPSK	100	0	20.40	20.45	20.42		
20	16QAM	1	0	20.39	20.44	20.44	21.4	0
20	16QAM	1	49	20.36	20.46	20.40		
20	16QAM	1	99	20.35	20.45	20.42		
20	16QAM	50	0	20.43	20.44	20.43	21.4	0
20	16QAM	50	24	20.47	20.37	20.39		
20	16QAM	50	50	20.45	20.37	20.39		
20	16QAM	100	0	20.44	20.48	20.47		
20	64QAM	1	0	20.45	20.41	20.47	21.4	0
20	64QAM	1	49	20.37	20.42	20.38		
20	64QAM	1	99	20.45	20.48	20.42		
20	64QAM	50	0	19.40	19.39	19.32	21	0.4
20	64QAM	50	24	19.34	19.44	19.41		
20	64QAM	50	50	19.32	19.35	19.28		
20	64QAM	100	0	19.30	19.26	19.40		
20	256QAM	1	0	17.44	17.41	17.34	19	2.4
20	256QAM	1	49	17.40	17.46	17.41		
20	256QAM	1	99	17.42	17.45	17.34		
20	256QAM	50	0	17.41	17.44	17.36	19	2.4
20	256QAM	50	24	17.44	17.41	17.36		
20	256QAM	50	50	17.44	17.44	17.45		
20	256QAM	100	0	17.41	17.46	17.43		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.37	20.46	20.42	21.4	0
15	QPSK	1	37	20.42	20.41	20.38		
15	QPSK	1	74	20.42	20.43	20.39		
15	QPSK	36	0	20.42	20.40	20.37	21.4	0
15	QPSK	36	20	20.44	20.48	20.47		
15	QPSK	36	39	20.43	20.39	20.43		
15	QPSK	75	0	20.43	20.44	20.40		
15	16QAM	1	0	20.39	20.41	20.39	21.4	0
15	16QAM	1	37	20.41	20.47	20.36		
15	16QAM	1	74	20.40	20.48	20.36		
15	16QAM	36	0	20.35	20.47	20.38	21.4	0
15	16QAM	36	20	20.37	20.39	20.38		
15	16QAM	36	39	20.44	20.45	20.46		
15	16QAM	75	0	20.39	20.42	20.37		
15	64QAM	1	0	20.39	20.37	20.38	21.4	0
15	64QAM	1	37	20.40	20.37	20.39		
15	64QAM	1	74	20.38	20.39	20.45		
15	64QAM	36	0	19.37	19.35	19.28	21	0.4
15	64QAM	36	20	19.27	19.45	19.43		
15	64QAM	36	39	19.30	19.33	19.26		
15	64QAM	75	0	19.31	19.25	19.43		
15	256QAM	1	0	17.46	17.47	17.38	19	2.4
15	256QAM	1	37	17.43	17.44	17.42		
15	256QAM	1	74	17.35	17.41	17.45		
15	256QAM	36	0	17.41	17.42	17.44	19	2.4
15	256QAM	36	20	17.37	17.40	17.39		
15	256QAM	36	39	17.35	17.41	17.42		
15	256QAM	75	0	17.36	17.43	17.46		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.37	20.38	20.42	21.4	0
10	QPSK	1	25	20.44	20.46	20.39		
10	QPSK	1	49	20.36	20.42	20.36		
10	QPSK	25	0	20.37	20.43	20.39	21.4	0
10	QPSK	25	12	20.39	20.45	20.42		
10	QPSK	25	25	20.39	20.40	20.43		
10	QPSK	50	0	20.36	20.43	20.45		
10	16QAM	1	0	20.39	20.37	20.37	21.4	0
10	16QAM	1	25	20.42	20.47	20.35		
10	16QAM	1	49	20.46	20.40	20.35		
10	16QAM	25	0	20.46	20.47	20.36	21.4	0
10	16QAM	25	12	20.41	20.40	20.39		
10	16QAM	25	25	20.46	20.48	20.44		
10	16QAM	50	0	20.40	20.42	20.36		
10	64QAM	1	0	20.39	20.48	20.39	21.4	0
10	64QAM	1	25	20.40	20.42	20.43		
10	64QAM	1	49	20.37	20.39	20.41		
10	64QAM	25	0	19.42	19.35	19.26	21	0.4
10	64QAM	25	12	19.31	19.34	19.44		
10	64QAM	25	25	19.24	19.41	19.29		
10	64QAM	50	0	19.33	19.35	19.34		
10	256QAM	1	0	17.41	17.47	17.36	19	2.4
10	256QAM	1	25	17.41	17.44	17.48		
10	256QAM	1	49	17.45	17.48	17.45		
10	256QAM	25	0	17.41	17.40	17.38	19	2.4
10	256QAM	25	12	17.34	17.46	17.42		
10	256QAM	25	25	17.37	17.40	17.35		
10	256QAM	50	0	17.44	17.45	17.36		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.39	20.45	20.38	21.4	0
5	QPSK	1	12	20.36	20.47	20.47		
5	QPSK	1	24	20.37	20.39	20.36		
5	QPSK	12	0	20.44	20.41	20.41	21.4	0
5	QPSK	12	7	20.40	20.48	20.43		
5	QPSK	12	13	20.46	20.37	20.38		
5	QPSK	25	0	20.42	20.39	20.41		
5	16QAM	1	0	20.47	20.39	20.47	21.4	0
5	16QAM	1	12	20.46	20.41	20.44		
5	16QAM	1	24	20.44	20.40	20.44		
5	16QAM	12	0	20.45	20.39	20.38	21.4	0
5	16QAM	12	7	20.39	20.37	20.35		
5	16QAM	12	13	20.37	20.45	20.42		
5	16QAM	25	0	20.37	20.41	20.35		
5	64QAM	1	0	20.46	20.38	20.38	21.4	0
5	64QAM	1	12	20.35	20.45	20.36		
5	64QAM	1	24	20.37	20.43	20.44		
5	64QAM	12	0	19.44	19.38	19.31	21	0.4
5	64QAM	12	7	19.29	19.46	19.40		
5	64QAM	12	13	19.26	19.32	19.32		
5	64QAM	25	0	19.30	19.30	19.38		
5	256QAM	1	0	17.42	17.51	17.44	19	2.4
5	256QAM	1	12	17.45	17.47	17.51		
5	256QAM	1	24	17.40	17.43	17.44		
5	256QAM	12	0	17.41	17.49	17.43	19	2.4
5	256QAM	12	7	17.37	17.48	17.44		
5	256QAM	12	13	17.41	17.47	17.44		
5	256QAM	25	0	17.42	17.46	17.39		

Band 41 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.50	20.42	20.54	20.48	20.46	21.4	0
20	QPSK	1	49	20.51	20.46	20.44	20.51	20.45		
20	QPSK	1	99	20.43	20.48	20.44	20.43	20.45		
20	QPSK	50	0	20.47	20.43	20.53	20.44	20.51	21.4	0
20	QPSK	50	24	20.49	20.51	20.50	20.42	20.49		
20	QPSK	50	50	20.50	20.44	20.45	20.49	20.42		
20	QPSK	100	0	20.46	20.48	20.51	20.50	20.42		
20	16QAM	1	0	20.53	20.50	20.48	20.45	20.48	21.4	0
20	16QAM	1	49	20.52	20.48	20.46	20.43	20.49		
20	16QAM	1	99	20.46	20.49	20.50	20.47	20.42		
20	16QAM	50	0	20.49	20.47	20.49	20.46	20.46	21.4	0
20	16QAM	50	24	20.53	20.45	20.52	20.52	20.51		
20	16QAM	50	50	20.50	20.47	20.51	20.51	20.46		
20	16QAM	100	0	20.48	20.47	20.50	20.44	20.43		
20	64QAM	1	0	20.44	20.53	20.52	20.49	20.44	21.4	0
20	64QAM	1	49	20.47	20.49	20.46	20.46	20.49		
20	64QAM	1	99	20.43	20.42	20.53	20.50	20.45		
20	64QAM	50	0	19.39	19.33	19.41	19.34	19.27	21	0.4
20	64QAM	50	24	19.33	19.38	19.29	19.36	19.32		
20	64QAM	50	50	19.34	19.38	19.33	19.40	19.24		
20	64QAM	100	0	19.35	19.33	19.24	19.30	19.33		
20	256QAM	1	0	17.38	17.45	17.41	17.53	17.44	19	2.4
20	256QAM	1	49	17.36	17.44	17.41	17.50	17.48		
20	256QAM	1	99	17.42	17.43	17.36	17.42	17.35		
20	256QAM	50	0	17.36	17.41	17.45	17.42	17.43	19	2.4
20	256QAM	50	24	17.43	17.39	17.44	17.48	17.40		
20	256QAM	50	50	17.37	17.43	17.39	17.46	17.44		
20	256QAM	100	0	17.39	17.47	17.44	17.41	17.46		
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	20.46	20.47	20.48	20.38	20.42	21	0
15	QPSK	1	37	20.37	20.37	20.38	20.39	20.37		
15	QPSK	1	74	20.36	20.40	20.49	20.43	20.45		
15	QPSK	36	0	20.41	20.38	20.38	20.44	20.38	21.4	0
15	QPSK	36	20	20.47	20.42	20.48	20.43	20.44		
15	QPSK	36	39	20.42	20.43	20.48	20.41	20.42		
15	QPSK	75	0	20.44	20.37	20.45	20.43	20.37		
15	16QAM	1	0	20.39	20.36	20.44	20.42	20.37	21.4	0
15	16QAM	1	37	20.41	20.35	20.45	20.46	20.43		
15	16QAM	1	74	20.43	20.39	20.47	20.45	20.36		
15	16QAM	36	0	20.47	20.45	20.49	20.45	20.36	21.4	0
15	16QAM	36	20	20.36	20.44	20.47	20.44	20.36		
15	16QAM	36	39	20.42	20.43	20.37	20.45	20.42		
15	16QAM	75	0	20.41	20.47	20.40	20.46	20.38		
15	64QAM	1	0	20.47	20.42	20.39	20.39	20.38	21.4	0
15	64QAM	1	37	20.35	20.42	20.49	20.44	20.47		
15	64QAM	1	74	20.36	20.35	20.39	20.47	20.43		
15	64QAM	36	0	19.38	19.29	19.43	19.32	19.25	21	0.4
15	64QAM	36	20	19.31	19.44	19.34	19.36	19.40		
15	64QAM	36	39	19.28	19.42	19.27	19.44	19.31		
15	64QAM	75	0	19.33	19.34	19.26	19.32	19.42		
15	256QAM	1	0	17.40	17.42	17.44	17.42	17.34	19	2.4
15	256QAM	1	37	17.45	17.44	17.42	17.47	17.48		
15	256QAM	1	74	17.41	17.49	17.42	17.49	17.35		
15	256QAM	36	0	17.37	17.48	17.37	17.38	17.45	19	2.4
15	256QAM	36	20	17.44	17.43	17.36	17.46	17.45		
15	256QAM	36	39	17.43	17.39	17.37	17.39	17.41		
15	256QAM	75	0	17.44	17.49	17.36	17.40	17.35		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.41	20.42	20.41	20.41	20.45	21	0
10	QPSK	1	25	20.42	20.44	20.41	20.40	20.46		
10	QPSK	1	49	20.43	20.46	20.45	20.41	20.38		
10	QPSK	25	0	20.43	20.40	20.43	20.44	20.41	21.4	0
10	QPSK	25	12	20.36	20.38	20.46	20.35	20.44		
10	QPSK	25	25	20.41	20.36	20.39	20.42	20.46		
10	QPSK	50	0	20.43	20.38	20.48	20.45	20.41		
10	16QAM	1	0	20.44	20.38	20.48	20.45	20.44	21.4	0
10	16QAM	1	25	20.39	20.37	20.45	20.47	20.37		
10	16QAM	1	49	20.42	20.39	20.42	20.41	20.42		
10	16QAM	25	0	20.37	20.45	20.41	20.47	20.43	21.4	0
10	16QAM	25	12	20.44	20.39	20.48	20.46	20.40		
10	16QAM	25	25	20.35	20.45	20.39	20.37	20.38		
10	16QAM	50	0	20.43	20.41	20.48	20.46	20.47		
10	64QAM	1	0	20.39	20.43	20.38	20.46	20.47	21.4	0
10	64QAM	1	25	20.41	20.36	20.48	20.44	20.38		
10	64QAM	1	49	20.46	20.45	20.44	20.36	20.42		
10	64QAM	25	0	19.44	19.37	19.43	19.38	19.33	21	0.4
10	64QAM	25	12	19.33	19.42	19.32	19.45	19.42		
10	64QAM	25	25	19.26	19.42	19.26	19.40	19.35		
10	64QAM	50	0	19.32	19.24	19.36	19.30	19.37		
10	256QAM	1	0	17.45	17.45	17.43	17.51	17.46	19	2.4
10	256QAM	1	25	17.37	17.49	17.40	17.49	17.50		
10	256QAM	1	49	17.41	17.48	17.40	17.38	17.42		
10	256QAM	25	0	17.43	17.48	17.42	17.40	17.37	19	2.4
10	256QAM	25	12	17.37	17.39	17.36	17.42	17.38		
10	256QAM	25	25	17.37	17.45	17.36	17.48	17.43		
10	256QAM	50	0	17.38	17.45	17.35	17.41	17.40		
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	20.39	20.37	20.40	20.44	20.40	21	0
5	QPSK	1	12	20.40	20.36	20.40	20.37	20.37		
5	QPSK	1	24	20.45	20.38	20.38	20.43	20.42		
5	QPSK	12	0	20.36	20.38	20.49	20.39	20.45	21.4	0
5	QPSK	12	7	20.39	20.37	20.40	20.42	20.43		
5	QPSK	12	13	20.47	20.40	20.45	20.40	20.35		
5	QPSK	25	0	20.42	20.39	20.39	20.43	20.37		
5	16QAM	1	0	20.39	20.41	20.45	20.41	20.38	21.4	0
5	16QAM	1	12	20.36	20.44	20.47	20.45	20.44		
5	16QAM	1	24	20.45	20.43	20.40	20.41	20.46		
5	16QAM	12	0	20.37	20.39	20.45	20.40	20.41	21.4	0
5	16QAM	12	7	20.46	20.36	20.49	20.36	20.36		
5	16QAM	12	13	20.40	20.46	20.48	20.38	20.38		
5	16QAM	25	0	20.38	20.37	20.46	20.44	20.40		
5	64QAM	1	0	20.47	20.38	20.44	20.42	20.40	21.4	0
5	64QAM	1	12	20.46	20.37	20.45	20.46	20.36		
5	64QAM	1	24	20.40	20.37	20.42	20.36	20.43		
5	64QAM	12	0	19.38	19.34	19.36	19.28	19.31	21	0.4
5	64QAM	12	7	19.35	19.41	19.26	19.39	19.39		
5	64QAM	12	13	19.28	19.35	19.30	19.39	19.26		
5	64QAM	25	0	19.29	19.30	19.34	19.32	19.32		
5	256QAM	1	0	17.43	17.41	17.45	17.46	17.37	19	2.4
5	256QAM	1	12	17.43	17.42	17.39	17.43	17.46		
5	256QAM	1	24	17.37	17.39	17.42	17.37	17.46		
5	256QAM	12	0	17.42	17.40	17.41	17.45	17.40	19	2.4
5	256QAM	12	7	17.37	17.44	17.45	17.44	17.41		
5	256QAM	12	13	17.37	17.46	17.35	17.46	17.39		
5	256QAM	25	0	17.44	17.48	17.42	17.42	17.45		

Band 2 Ant9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	14.19	14.23	14.18	15.1	0
20	QPSK	1	49	14.12	14.13	14.18		
20	QPSK	1	99	14.15	14.19	14.20		
20	QPSK	50	0	14.20	14.21	14.19		
20	QPSK	50	24	14.12	14.19	14.10	15.1	0
20	QPSK	50	50	14.12	14.13	14.12		
20	QPSK	100	0	14.12	14.18	14.16		
20	16QAM	1	0	14.09	14.13	14.10		
20	16QAM	1	49	14.14	14.21	14.19	15.1	0
20	16QAM	1	99	14.11	14.11	14.19		
20	16QAM	50	0	14.09	14.21	14.08		
20	16QAM	50	24	14.16	14.14	14.13	15.1	0
20	16QAM	50	50	14.15	14.19	14.13		
20	16QAM	100	0	14.13	14.13	14.08		
20	64QAM	1	0	14.20	14.20	14.18		
20	64QAM	1	49	14.12	14.14	14.15	15.1	0
20	64QAM	1	99	14.17	14.18	14.14		
20	64QAM	50	0	14.14	14.12	14.15		
20	64QAM	50	24	14.12	14.17	14.08	15.1	0
20	64QAM	50	50	14.12	14.19	14.18		
20	64QAM	100	0	14.14	14.19	14.19		
20	256QAM	1	0	14.14	14.15	14.16		
20	256QAM	1	49	14.08	14.15	14.13	15.1	0
20	256QAM	1	99	14.13	14.12	14.18		
20	256QAM	50	0	14.17	14.21	14.10		
20	256QAM	50	24	14.15	14.20	14.10	15.1	0
20	256QAM	50	50	14.09	14.15	14.17		
20	256QAM	100	0	14.14	14.16	14.19		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.14	14.06	14.13	15.1	0
15	QPSK	1	37	14.09	14.07	14.12		
15	QPSK	1	74	14.07	14.07	14.03		
15	QPSK	36	0	14.12	14.07	14.06		
15	QPSK	36	20	14.12	14.13	14.08	15.1	0
15	QPSK	36	39	14.12	14.16	14.09		
15	QPSK	75	0	14.09	14.16	14.10		
15	16QAM	1	0	14.13	14.05	14.10		
15	16QAM	1	37	14.12	14.07	14.08	15.1	0
15	16QAM	1	74	14.07	14.15	14.11		
15	16QAM	36	0	14.06	14.06	14.13		
15	16QAM	36	20	14.06	14.07	14.13	15.1	0
15	16QAM	36	39	14.11	14.12	14.09		
15	16QAM	75	0	14.07	14.15	14.09		
15	64QAM	1	0	14.06	14.14	14.13		
15	64QAM	1	37	14.04	14.07	14.08	15.1	0
15	64QAM	1	74	14.03	14.05	14.05		
15	64QAM	36	0	14.12	14.16	14.04		
15	64QAM	36	20	14.06	14.14	14.08	15.1	0
15	64QAM	36	39	14.12	14.09	14.11		
15	64QAM	75	0	14.05	14.08	14.14		
15	256QAM	1	0	14.05	14.13	14.12		
15	256QAM	1	37	14.07	14.16	14.11	15.1	0
15	256QAM	1	74	14.07	14.07	14.03		
15	256QAM	36	0	14.05	14.10	14.15		
15	256QAM	36	20	14.13	14.08	14.03	15.1	0
15	256QAM	36	39	14.07	14.13	14.13		
15	256QAM	75	0	14.10	14.14	14.12		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.05	14.07	14.12	15.1	0
10	QPSK	1	25	14.11	14.07	14.15		
10	QPSK	1	49	14.08	14.07	14.07		
10	QPSK	25	0	14.12	14.07	14.13		
10	QPSK	25	12	14.09	14.10	14.08	15.1	0
10	QPSK	25	25	14.08	14.09	14.09		
10	QPSK	50	0	14.08	14.08	14.13		
10	16QAM	1	0	14.05	14.09	14.05		
10	16QAM	1	25	14.13	14.16	14.05	15.1	0
10	16QAM	1	49	14.04	14.08	14.13		
10	16QAM	25	0	14.14	14.13	14.13		
10	16QAM	25	12	14.07	14.11	14.10	15.1	0
10	16QAM	25	25	14.14	14.15	14.08		
10	16QAM	50	0	14.04	14.12	14.03		
10	64QAM	1	0	14.07	14.08	14.07		
10	64QAM	1	25	14.08	14.11	14.07	15.1	0
10	64QAM	1	49	14.05	14.06	14.12		
10	64QAM	25	0	14.10	14.11	14.05		
10	64QAM	25	12	14.10	14.12	14.12	15.1	0
10	64QAM	25	25	14.15	14.16	14.12		
10	64QAM	50	0	14.13	14.15	14.08		
10	256QAM	1	0	14.04	14.07	14.13		
10	256QAM	1	25	14.04	14.08	14.05	15.1	0
10	256QAM	1	49	14.13	14.17	14.06		
10	256QAM	25	0	14.10	14.13	14.03		
10	256QAM	25	12	14.11	14.16	14.14	15.1	0
10	256QAM	25	25	14.15	14.18	14.15		
10	256QAM	50	0	14.04	14.17	14.07		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.05	14.10	14.11	15.1	0
5	QPSK	1	12	14.07	14.06	14.06		
5	QPSK	1	24	14.08	14.16	14.07		
5	QPSK	12	0	14.10	14.09	14.05		
5	QPSK	12	7	14.14	14.05	14.11	15.1	0
5	QPSK	12	13	14.11	14.12	14.08		
5	QPSK	25	0	14.04	14.15	14.13		
5	16QAM	1	0	14.10	14.15	14.06		
5	16QAM	1	12	14.12	14.06	14.10	15.1	0
5	16QAM	1	24	14.08	14.13	14.10		
5	16QAM	12	0	14.13	14.17	14.09		
5	16QAM	12	7	14.08	14.12	14.07		
5	16QAM	12	13	14.13	14.16	14.06	15.1	0
5	16QAM	25	0	14.05	14.07	14.04		
5	64QAM	1	0	14.14	14.14	14.07		
5	64QAM	1	12	14.06	14.09	14.07	15.1	0
5	64QAM	1	24	14.03	14.14	14.06		
5	64QAM	12	0	14.06	14.15	14.15		
5	64QAM	12	7	14.11	14.08	14.14	15.1	0
5	64QAM	12	13	14.10	14.06	14.11		
5	64QAM	25	0	14.14	14.10	14.08		
5	256QAM	1	0	14.10	14.10	14.10		
5	256QAM	1	12	14.14	14.17	14.08	15.1	0
5	256QAM	1	24	14.09	14.09	14.13		
5	256QAM	12	0	14.05	14.10	14.13		
5	256QAM	12	7	14.05	14.05	14.05	15.1	0
5	256QAM	12	13	14.03	14.05	14.13		
5	256QAM	25	0	14.08	14.08	14.09		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.10	14.12	14.05	15.1	0
3	QPSK	1	8	14.07	14.05	14.04		
3	QPSK	1	14	14.08	14.11	14.04		
3	QPSK	8	0	14.13	14.14	14.05		
3	QPSK	8	4	14.05	14.11	14.07	15.1	0
3	QPSK	8	7	14.10	14.08	14.13		
3	QPSK	15	0	14.11	14.06	14.07		
3	16QAM	1	0	14.06	14.16	14.04		
3	16QAM	1	8	14.07	14.10	14.13	15.1	0
3	16QAM	1	14	14.05	14.13	14.10		
3	16QAM	8	0	14.14	14.10	14.04		
3	16QAM	8	4	14.14	14.05	14.09	15.1	0
3	16QAM	8	7	14.08	14.08	14.08		
3	16QAM	15	0	14.12	14.12	14.11		
3	64QAM	1	0	14.10	14.08	14.15		
3	64QAM	1	8	14.07	14.15	14.11	15.1	0
3	64QAM	1	14	14.07	14.13	14.13		
3	64QAM	8	0	14.15	14.12	14.05		
3	64QAM	8	4	14.04	14.17	14.04	15.1	0
3	64QAM	8	7	14.14	14.08	14.13		
3	64QAM	15	0	14.06	14.08	14.08		
3	256QAM	1	0	14.06	14.15	14.15		
3	256QAM	1	8	14.13	14.15	14.04	15.1	0
3	256QAM	1	14	14.09	14.06	14.05		
3	256QAM	8	0	14.06	14.15	14.13		
3	256QAM	8	4	14.03	14.12	14.13	15.1	0
3	256QAM	8	7	14.15	14.08	14.09		
3	256QAM	15	0	14.11	14.14	14.12		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.05	14.12	14.08	15.1	0
1.4	QPSK	1	3	14.09	14.14	14.11		
1.4	QPSK	1	5	14.08	14.10	14.06		
1.4	QPSK	3	0	14.13	14.14	14.08		
1.4	QPSK	3	1	14.09	14.16	14.03		
1.4	QPSK	3	3	14.06	14.15	14.10		
1.4	QPSK	6	0	14.05	14.08	14.07	15.1	0
1.4	16QAM	1	0	14.05	14.12	14.15	15.1	0
1.4	16QAM	1	3	14.13	14.16	14.08		
1.4	16QAM	1	5	14.08	14.16	14.14		
1.4	16QAM	3	0	14.14	14.14	14.06		
1.4	16QAM	3	1	14.08	14.05	14.11		
1.4	16QAM	3	3	14.09	14.09	14.06		
1.4	16QAM	6	0	14.05	14.08	14.03	15.1	0
1.4	64QAM	1	0	14.11	14.08	14.11	15.1	0
1.4	64QAM	1	3	14.11	14.16	14.12		
1.4	64QAM	1	5	14.15	14.13	14.05		
1.4	64QAM	3	0	14.14	14.09	14.04		
1.4	64QAM	3	1	14.15	14.10	14.13		
1.4	64QAM	3	3	14.13	14.16	14.14		
1.4	64QAM	6	0	14.09	14.12	14.04	15.1	0
1.4	256QAM	1	0	14.04	14.11	14.05	15.1	0
1.4	256QAM	1	3	14.11	14.05	14.13		
1.4	256QAM	1	5	14.10	14.10	14.03		
1.4	256QAM	3	0	14.13	14.07	14.10		
1.4	256QAM	3	1	14.08	14.10	14.08		
1.4	256QAM	3	3	14.04	14.06	14.08		
1.4	256QAM	6	0	14.09	14.12	14.14	15.1	0

Band 4 Ant9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.41	22.46	22.42	23.3	0
20	QPSK	1	49	22.40	22.38	22.35		
20	QPSK	1	99	22.36	22.41	22.41		
20	QPSK	50	0	21.33	21.42	21.32		
20	QPSK	50	24	21.35	21.36	21.32	23	0.3
20	QPSK	50	50	21.33	21.41	21.31		
20	QPSK	100	0	21.35	21.39	21.33		
20	16QAM	1	0	21.55	21.67	21.68		
20	16QAM	1	49	21.64	21.82	21.65	23	0.3
20	16QAM	1	99	21.79	21.77	21.63		
20	16QAM	50	0	20.25	20.37	20.36		
20	16QAM	50	24	20.34	20.32	20.35	22	1.3
20	16QAM	50	50	20.36	20.37	20.24		
20	16QAM	100	0	20.37	20.37	20.31		
20	64QAM	1	0	20.44	20.47	20.43		
20	64QAM	1	49	20.32	20.42	20.48	22	1.3
20	64QAM	1	99	20.33	20.62	20.58		
20	64QAM	50	0	19.41	19.30	19.30		
20	64QAM	50	24	19.25	19.46	19.36	21	2.3
20	64QAM	50	50	19.30	19.42	19.30		
20	64QAM	100	0	19.33	19.33	19.39		
20	256QAM	1	0	17.45	17.50	17.45		
20	256QAM	1	49	17.35	17.46	17.51	19	4.3
20	256QAM	1	99	17.45	17.43	17.46		
20	256QAM	50	0	17.34	17.38	17.37		
20	256QAM	50	24	17.46	17.44	17.45	19	4.3
20	256QAM	50	50	17.38	17.41	17.41		
20	256QAM	100	0	17.45	17.43	17.39		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.34	22.44	22.40	23.3	0
15	QPSK	1	37	22.36	22.45	22.42		
15	QPSK	1	74	22.34	22.42	22.31		
15	QPSK	36	0	21.35	21.37	21.29		
15	QPSK	36	20	21.27	21.36	21.29	23	0.3
15	QPSK	36	39	21.29	21.35	21.29		
15	QPSK	75	0	21.35	21.33	21.33		
15	16QAM	1	0	21.64	21.70	21.76		
15	16QAM	1	37	21.62	21.75	21.65	23	0.3
15	16QAM	1	74	21.76	21.72	21.60		
15	16QAM	36	0	20.23	20.40	20.25		
15	16QAM	36	20	20.36	20.30	20.24	22	1.3
15	16QAM	36	39	20.29	20.32	20.28		
15	16QAM	75	0	20.33	20.33	20.34		
15	64QAM	1	0	20.53	20.58	20.46		
15	64QAM	1	37	20.49	20.51	20.49	22	1.3
15	64QAM	1	74	20.41	20.56	20.53		
15	64QAM	36	0	19.40	19.35	19.24		
15	64QAM	36	20	19.30	19.40	19.36	21	2.3
15	64QAM	36	39	19.24	19.40	19.25		
15	64QAM	75	0	19.30	19.24	19.38		
15	256QAM	1	0	17.34	17.44	17.35		
15	256QAM	1	37	17.41	17.47	17.41	19	4.3
15	256QAM	1	74	17.35	17.39	17.44		
15	256QAM	36	0	17.35	17.49	17.44		
15	256QAM	36	20	17.45	17.43	17.46	19	4.3
15	256QAM	36	39	17.44	17.48	17.39		
15	256QAM	75	0	17.37	17.47	17.38		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.42	22.45	22.40	23.3	0
10	QPSK	1	25	22.33	22.42	22.40		
10	QPSK	1	49	22.35	22.41	22.39		
10	QPSK	25	0	21.27	21.41	21.37		
10	QPSK	25	12	21.36	21.34	21.26	23	0.3
10	QPSK	25	25	21.31	21.37	21.31		
10	QPSK	50	0	21.30	21.31	21.29		
10	16QAM	1	0	21.66	21.66	21.72		
10	16QAM	1	25	21.74	21.83	21.71	23	0.3
10	16QAM	1	49	21.73	21.72	21.55		
10	16QAM	25	0	20.29	20.36	20.30		
10	16QAM	25	12	20.28	20.39	20.31	22	1.3
10	16QAM	25	25	20.33	20.29	20.28		
10	16QAM	50	0	20.30	20.39	20.29		
10	64QAM	1	0	20.51	20.56	20.49		
10	64QAM	1	25	20.42	20.52	20.42	22	1.3
10	64QAM	1	49	20.42	20.53	20.50		
10	64QAM	25	0	19.44	19.35	19.27		
10	64QAM	25	12	19.28	19.39	19.37	21	2.3
10	64QAM	25	25	19.32	19.41	19.25		
10	64QAM	50	0	19.32	19.26	19.43		
10	256QAM	1	0	17.39	17.42	17.46		
10	256QAM	1	25	17.39	17.47	17.42	19	4.3
10	256QAM	1	49	17.44	17.48	17.44		
10	256QAM	25	0	17.40	17.41	17.36		
10	256QAM	25	12	17.41	17.48	17.37	19	4.3
10	256QAM	25	25	17.38	17.38	17.40		
10	256QAM	50	0	17.43	17.44	17.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.39	22.40	22.44	23.3	0
5	QPSK	1	12	22.34	22.42	22.38		
5	QPSK	1	24	22.37	22.40	22.36		
5	QPSK	12	0	21.31	21.40	21.32		
5	QPSK	12	7	21.28	21.31	21.24	23	0.3
5	QPSK	12	13	21.34	21.35	21.30		
5	QPSK	25	0	21.33	21.39	21.24		
5	16QAM	1	0	21.64	21.68	21.74		
5	16QAM	1	12	21.70	21.84	21.66	23	0.3
5	16QAM	1	24	21.74	21.79	21.56		
5	16QAM	12	0	20.27	20.44	20.34		
5	16QAM	12	7	20.33	20.36	20.27	22	1.3
5	16QAM	12	13	20.31	20.35	20.25		
5	16QAM	25	0	20.34	20.39	20.32		
5	64QAM	1	0	20.52	20.58	20.45		
5	64QAM	1	12	20.45	20.53	20.41	22	1.3
5	64QAM	1	24	20.43	20.55	20.52		
5	64QAM	12	0	19.35	19.39	19.33		
5	64QAM	12	7	19.31	19.43	19.37	21	2.3
5	64QAM	12	13	19.24	19.36	19.32		
5	64QAM	25	0	19.25	19.34	19.33		
5	256QAM	1	0	17.42	17.47	17.39		
5	256QAM	1	12	17.42	17.51	17.51	19	4.3
5	256QAM	1	24	17.44	17.45	17.38		
5	256QAM	12	0	17.39	17.48	17.35		
5	256QAM	12	7	17.39	17.47	17.41	19	4.3
5	256QAM	12	13	17.35	17.38	17.39		
5	256QAM	25	0	17.37	17.39	17.36		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.41	22.42	22.32	23.3	0
3	QPSK	1	8	22.39	22.38	22.37		
3	QPSK	1	14	22.41	22.37	22.36		
3	QPSK	8	0	21.28	21.41	21.29		
3	QPSK	8	4	21.28	21.37	21.33	23	0.3
3	QPSK	8	7	21.36	21.33	21.35		
3	QPSK	15	0	21.28	21.38	21.27		
3	16QAM	1	0	21.56	21.69	21.66		
3	16QAM	1	8	21.64	21.81	21.70	23	0.3
3	16QAM	1	14	21.79	21.76	21.61		
3	16QAM	8	0	20.31	20.45	20.32		
3	16QAM	8	4	20.27	20.36	20.25	22	1.3
3	16QAM	8	7	20.38	20.32	20.23		
3	16QAM	15	0	20.30	20.39	20.27		
3	64QAM	1	0	20.53	20.48	20.49		
3	64QAM	1	8	20.47	20.51	20.42	22	1.3
3	64QAM	1	14	20.39	20.50	20.50		
3	64QAM	8	0	19.33	19.34	19.32		
3	64QAM	8	4	19.32	19.42	19.42	21	2.3
3	64QAM	8	7	19.28	19.38	19.31		
3	64QAM	15	0	19.30	19.39	19.40		
3	256QAM	1	0	17.39	17.47	17.38		
3	256QAM	1	8	17.36	17.41	17.42	19	4.3
3	256QAM	1	14	17.44	17.39	17.41		
3	256QAM	8	0	17.44	17.37	17.37		
3	256QAM	8	4	17.45	17.38	17.43	19	4.3
3	256QAM	8	7	17.41	17.37	17.45		
3	256QAM	15	0	17.39	17.41	17.44		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.44	22.40	22.41	23.3	0
1.4	QPSK	1	3	22.43	22.44	22.39		
1.4	QPSK	1	5	22.39	22.42	22.33		
1.4	QPSK	3	0	22.35	22.44	22.40		
1.4	QPSK	3	1	22.32	22.40	22.41		
1.4	QPSK	3	3	22.34	22.39	22.40		
1.4	QPSK	6	0	21.33	21.40	21.33	23	0.3
1.4	16QAM	1	0	21.37	21.30	21.29		
1.4	16QAM	1	3	21.32	21.31	21.31		
1.4	16QAM	1	5	21.34	21.36	21.25	23	0.3
1.4	16QAM	3	0	21.64	21.71	21.76		
1.4	16QAM	3	1	21.73	21.84	21.69		
1.4	16QAM	3	3	21.76	21.80	21.63		
1.4	16QAM	6	0	20.31	20.43	20.26	22	1.3
1.4	64QAM	1	0	20.31	20.27	20.35		
1.4	64QAM	1	3	20.29	20.27	20.30		
1.4	64QAM	1	5	20.34	20.34	20.32	22	1.3
1.4	64QAM	3	0	20.44	20.51	20.46		
1.4	64QAM	3	1	20.51	20.45	20.48		
1.4	64QAM	3	3	20.32	20.58	20.50		
1.4	64QAM	6	0	19.35	19.37	19.36	21	2.3
1.4	256QAM	1	0	17.40	17.51	17.35	19	4.3
1.4	256QAM	1	3	17.45	17.48	17.50		
1.4	256QAM	1	5	17.41	17.38	17.38		
1.4	256QAM	3	0	17.40	17.46	17.35		
1.4	256QAM	3	1	17.44	17.46	17.40		
1.4	256QAM	3	3	17.40	17.38	17.38		
1.4	256QAM	6	0	17.43	17.45	17.37	19	4.3

Band 7 Ant9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.65	14.75	14.70	15.6	0
20	QPSK	1	49	14.71	14.63	14.66		
20	QPSK	1	99	14.69	14.62	14.64		
20	QPSK	50	0	14.72	14.74	14.71		
20	QPSK	50	24	14.72	14.72	14.67	15.6	0
20	QPSK	50	50	14.60	14.73	14.65		
20	QPSK	100	0	14.67	14.73	14.69		
20	16QAM	1	0	14.66	14.63	14.64		
20	16QAM	1	49	14.72	14.73	14.70

Band 38 Ant9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	13.18	13.24	13.19	14.1	0
20	QPSK	1	49	13.13	13.14	13.09		
20	QPSK	1	99	13.18	13.21	13.09		
20	QPSK	50	0	13.15	13.23	13.16	14.1	0
20	QPSK	50	24	13.18	13.10	13.12		
20	QPSK	50	50	13.15	13.21	13.12		
20	QPSK	100	0	13.15	13.21	13.17		
20	16QAM	1	0	13.18	13.13	13.17	14.1	0
20	16QAM	1	49	13.14	13.18	13.19		
20	16QAM	1	99	13.17	13.21	13.12		
20	16QAM	50	0	13.11	13.18	13.16	14.1	0
20	16QAM	50	24	13.11	13.21	13.18		
20	16QAM	50	50	13.12	13.13	13.16		
20	16QAM	100	0	13.17	13.19	13.10		
20	64QAM	1	0	13.15	13.14	13.13	14.1	0
20	64QAM	1	49	13.12	13.21	13.18		
20	64QAM	1	99	13.18	13.17	13.15		
20	64QAM	50	0	13.09	13.16	13.12	14.1	0
20	64QAM	50	24	13.15	13.21	13.13		
20	64QAM	50	50	13.14	13.12	13.13		
20	64QAM	100	0	13.14	13.13	13.14		
20	256QAM	1	0	13.11	13.12	13.15	14.1	0
20	256QAM	1	49	13.17	13.12	13.12		
20	256QAM	1	99	13.10	13.17	13.13		
20	256QAM	50	0	13.09	13.18	13.08	14.1	0
20	256QAM	50	24	13.16	13.21	13.19		
20	256QAM	50	50	13.17	13.12	13.16		
20	256QAM	100	0	13.18	13.17	13.16		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	13.12	13.19	13.12	14.1	0
15	QPSK	1	37	13.09	13.20	13.11		
15	QPSK	1	74	13.10	13.21	13.09		
15	QPSK	36	0	13.12	13.11	13.16	14.1	0
15	QPSK	36	20	13.13	13.15	13.14		
15	QPSK	36	39	13.17	13.15	13.10		
15	QPSK	75	0	13.09	13.13	13.16		
15	16QAM	1	0	13.11	13.22	13.12	14.1	0
15	16QAM	1	37	13.11	13.19	13.12		
15	16QAM	1	74	13.16	13.13	13.14		
15	16QAM	36	0	13.08	13.17	13.14	14.1	0
15	16QAM	36	20	13.13	13.14	13.14		
15	16QAM	36	39	13.13	13.19	13.16		
15	16QAM	75	0	13.19	13.18	13.18		
15	64QAM	1	0	13.16	13.21	13.08	14.1	0
15	64QAM	1	37	13.13	13.15	13.13		
15	64QAM	1	74	13.11	13.13	13.15		
15	64QAM	36	0	13.17	13.13	13.10	14.1	0
15	64QAM	36	20	13.15	13.20	13.11		
15	64QAM	36	39	13.17	13.16	13.15		
15	64QAM	75	0	13.20	13.15	13.14		
15	256QAM	1	0	13.10	13.16	13.18	14.1	0
15	256QAM	1	37	13.16	13.18	13.14		
15	256QAM	1	74	13.11	13.15	13.13		
15	256QAM	36	0	13.18	13.19	13.09	14.1	0
15	256QAM	36	20	13.15	13.15	13.11		
15	256QAM	36	39	13.17	13.12	13.11		
15	256QAM	75	0	13.13	13.12	13.18		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	13.12	13.11	13.12	14.1	0
10	QPSK	1	25	13.09	13.20	13.12		
10	QPSK	1	49	13.16	13.20	13.09		
10	QPSK	25	0	13.18	13.12	13.16	14.1	0
10	QPSK	25	12	13.12	13.16	13.17		
10	QPSK	25	25	13.19	13.17	13.19		
10	QPSK	50	0	13.20	13.14	13.20		
10	16QAM	1	0	13.20	13.14	13.12	14.1	0
10	16QAM	1	25	13.13	13.13	13.11		
10	16QAM	1	49	13.11	13.15	13.17		
10	16QAM	25	0	13.10	13.20	13.13	14.1	0
10	16QAM	25	12	13.16	13.15	13.17		
10	16QAM	25	25	13.17	13.11	13.18		
10	16QAM	50	0	13.20	13.17	13.11		
10	64QAM	1	0	13.09	13.18	13.17	14.1	0
10	64QAM	1	25	13.09	13.20	13.10		
10	64QAM	1	49	13.14	13.18	13.13		
10	64QAM	25	0	13.17	13.17	13.17	14.1	0
10	64QAM	25	12	13.20	13.19	13.11		
10	64QAM	25	25	13.10	13.15	13.15		
10	64QAM	50	0	13.18	13.11	13.09		
10	256QAM	1	0	13.09	13.20	13.18	14.1	0
10	256QAM	1	25	13.16	13.21	13.19		
10	256QAM	1	49	13.09	13.20	13.14		
10	256QAM	25	0	13.12	13.14	13.14	14.1	0
10	256QAM	25	12	13.14	13.11	13.09		
10	256QAM	25	25	13.19	13.17	13.13		
10	256QAM	50	0	13.15	13.12	13.09		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	13.20	13.15	13.19	14.1	0
5	QPSK	1	12	13.11	13.17	13.12		
5	QPSK	1	24	13.18	13.12	13.17		
5	QPSK	12	0	13.16	13.21	13.18	14.1	0
5	QPSK	12	7	13.19	13.15	13.14		
5	QPSK	12	13	13.11	13.10	13.19		
5	QPSK	25	0	13.15	13.20	13.10		
5	16QAM	1	0	13.14	13.18	13.11	14.1	0
5	16QAM	1	12	13.10	13.15	13.18		
5	16QAM	1	24	13.12	13.18	13.17		
5	16QAM	12	0	13.19	13.18	13.15	14.1	0
5	16QAM	12	7	13.10	13.12	13.14		
5	16QAM	12	13	13.15	13.13	13.19		
5	16QAM	25	0	13.10	13.11	13.11		
5	64QAM	1	0	13.09	13.18	13.16	14.1	0
5	64QAM	1	12	13.19	13.12	13.14		
5	64QAM	1	24	13.17	13.12	13.10		
5	64QAM	12	0	13.10	13.14	13.15	14.1	0
5	64QAM	12	7	13.19	13.22	13.10		
5	64QAM	12	13	13.12	13.18	13.15		
5	64QAM	25	0	13.20	13.21	13.10		
5	256QAM	1	0	13.15	13.12	13.16	14.1	0
5	256QAM	1	12	13.19	13.12	13.12		
5	256QAM	1	24	13.12	13.18	13.16		
5	256QAM	12	0	13.12	13.17	13.13	14.1	0
5	256QAM	12	7	13.18	13.15	13.16		
5	256QAM	12	13	13.08	13.18	13.14		
5	256QAM	25	0	13.19	13.18	13.14		

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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	13.17	13.15	13.28	13.18	13.26	14.1	0
20	QPSK	1	49	13.17	13.22	13.17	13.25	13.14		
20	QPSK	1	99	13.22	13.21	13.23	13.20	13.18		
20	QPSK	50	0	13.19	13.22	13.27	13.23	13.23	14.1	0
20	QPSK	50	24	13.16	13.26	13.17	13.24	13.14		
20	QPSK	50	50	13.18	13.19	13.17	13.25	13.19		
20	QPSK	100	0	13.24	13.21	13.25	13.23	13.18		
20	16QAM	1	0	13.17	13.24	13.18	13.22	13.20	14.1	0
20	16QAM	1	49	13.22	13.16	13.18	13.16	13.23		
20	16QAM	1	99	13.20	13.17	13.20	13.22	13.20		
20	16QAM	50	0	13.15	13.25	13.19	13.20	13.16	14.1	0
20	16QAM	50	24	13.17	13.25	13.26	13.21	13.25		
20	16QAM	50	50	13.16	13.21	13.24	13.16	13.14		
20	16QAM	100	0	13.26	13.19	13.23	13.21	13.17		
20	64QAM	1	0	13.26	13.17	13.17	13.15	13.25	14.1	0
20	64QAM	1	49	13.23	13.26	13.23	13.22	13.18		
20	64QAM	1	99	13.15	13.20	13.27	13.19	13.18		
20	64QAM	50	0	13.16	13.19	13.19	13.22	13.14	14.1	0
20	64QAM	50	24	13.25	13.24	13.18	13.16	13.20		
20	64QAM	50	50	13.15	13.17	13.16	13.22	13.20		
20	64QAM	100	0	13.18	13.19	13.24	13.25	13.20		
20	256QAM	1	0	13.21	13.23	13.25	13.22	13.17	14.1	0
20	256QAM	1	49	13.14	13.16	13.22	13.23	13.21		
20	256QAM	1	99	13.24	13.25	13.25	13.23	13.16		
20	256QAM	50	0	13.14	13.17	13.23	13.17	13.24	14.1	0
20	256QAM	50	24	13.25	13.25	13.23	13.17	13.19		
20	256QAM	50	50	13.22	13.20	13.23	13.26	13.19		
20	256QAM	100	0	13.24	13.15	13.20	13.15	13.21		
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	13.17	13.13	13.10	13.20	13.14	14	0
15	QPSK	1	37	13.09	13.16	13.17	13.18	13.20		
15	QPSK	1	74	13.18	13.18	13.18	13.17	13.09		
15	QPSK	36	0	13.19	13.17	13.16	13.17	13.15	14.1	0
15	QPSK	36	20	13.11	13.10	13.14	13.09	13.19		
15	QPSK	36	39	13.14	13.16	13.10	13.18	13.17		
15	QPSK	75	0	13.10	13.13	13.15	13.13	13.12		
15	16QAM	1	0	13.14	13.17	13.18	13.10	13.08	14.1	0
15	16QAM	1	37	13.13	13.18	13.16	13.11	13.13		
15	16QAM	1	74	13.18	13.17	13.13	13.17	13.18		
15	16QAM	36	0	13.10	13.13	13.13	13.18	13.18	14.1	0
15	16QAM	36	20	13.10	13.09	13.16	13.14	13.19		
15	16QAM	36	39	13.15	13.18	13.19	13.11	13.11		
15	16QAM	75	0	13.12	13.19	13.14	13.14	13.13	14.1	0
15	64QAM	1	0	13.15	13.18	13.19	13.10	13.09		
15	64QAM	1	37	13.16	13.18	13.20	13.12	13.11		
15	64QAM	1	74	13.08	13.09	13.20	13.16	13.14		
15	64QAM	36	0	13.14	13.11	13.14	13.10	13.10	14.1	0
15	64QAM	36	20	13.14	13.15	13.11	13.08	13.09		
15	64QAM	36	39	13.15	13.19	13.12	13.10	13.13		
15	64QAM	75	0	13.13	13.15	13.10	13.19	13.16		
15	256QAM	1	0	13.17	13.19	13.13	13.08	13.08	14.1	0
15	256QAM	1	37	13.09	13.19	13.14	13.09	13.11		
15	256QAM	1	74	13.16	13.18	13.12	13.13	13.13		
15	256QAM	36	0	13.09	13.11	13.11	13.08	13.19	14.1	0
15	256QAM	36	20	13.11	13.13	13.20	13.14	13.13		
15	256QAM	36	39	13.10	13.09	13.16	13.13	13.18		
15	256QAM	75	0	13.13	13.14	13.15	13.17	13.19		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	13.18	13.20	13.17	13.19	13.19	14	0
10	QPSK	1	25	13.15	13.09	13.19	13.08	13.16		
10	QPSK	1	49	13.19	13.12	13.17	13.13	13.08		
10	QPSK	25	0	13.15	13.18	13.11	13.09	13.13	14.1	0
10	QPSK	25	12	13.12	13.14	13.14	13.18	13.08		
10	QPSK	25	25	13.13	13.12	13.12	13.14	13.15		
10	QPSK	50	0	13.09	13.10	13.12	13.11	13.12		
10	16QAM	1	0	13.16	13.13	13.18	13.14	13.19	14.1	0
10	16QAM	1	25	13.09	13.17	13.12	13.20	13.09		
10	16QAM	1	49	13.14	13.10	13.19	13.11	13.18		
10	16QAM	25	0	13.11	13.16	13.20	13.12	13.13	14.1	0
10	16QAM	25	12	13.17	13.20	13.21	13.08	13.18		
10	16QAM	25	25	13.09	13.20	13.20	13.11	13.17		
10	16QAM	50	0	13.20	13.19	13.14	13.17	13.10		
10	64QAM	1	0	13.15	13.16	13.18	13.12	13.16	14.1	0
10	64QAM	1	25	13.11	13.13	13.17	13.09	13.12		
10	64QAM	1	49	13.15	13.20	13.15	13.14	13.09		
10	64QAM	25	0	13.20	13.16	13.22	13.11	13.09	14.1	0
10	64QAM	25	12	13.08	13.17	13.14	13.09	13.09		
10	64QAM	25	25	13.13	13.17	13.15	13.11	13.08		
10	64QAM	50	0	13.18	13.12	13.19	13.13	13.14		
10	256QAM	1	0	13.12	13.19	13.15	13.20	13.13	14.1	0
10	256QAM	1	25	13.13	13.18	13.20	13.15	13.08		
10	256QAM	1	49	13.11	13.19	13.21	13.12	13.13		
10	256QAM	25	0	13.08	13.14	13.18	13.20	13.08	14.1	0
10	256QAM	25	12	13.20	13.14	13.11	13.09	13.16		
10	256QAM	25	25	13.18	13.09	13.11	13.16	13.20		
10	256QAM	50	0	13.18	13.20	13.19	13.16	13.08		
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	13.12	13.14	13.17	13.19	13.13	14	0
5	QPSK	1	12	13.20	13.17	13.14	13.16	13.19		
5	QPSK	1	24	13.11	13.13	13.14	13.10	13.15		
5	QPSK	12	0	13.16	13.08	13.18	13.14	13.09	14.1	0
5	QPSK	12	7	13.12	13.10	13.21	13.18	13.18		
5	QPSK	12	13	13.20	13.12	13.13	13.10	13.11		
5	QPSK	25	0	13.15	13.11	13.15	13.13	13.20		
5	16QAM	1	0	13.20	13.08	13.11	13.14	13.13	14.1	0
5	16QAM	1	12	13.14	13.15	13.12	13.18	13.10		
5	16QAM	1	24	13.10	13.09	13.14	13.14	13.18		
5	16QAM	12	0	13.10	13.09	13.16	13.12	13.17	14.1	0
5	16QAM	12	7	13.09	13.14	13.20	13.11	13.17		
5	16QAM	12	13	13.10	13.13	13.20	13.13	13.19		
5	16QAM	25	0	13.10	13.15	13.15	13.11	13.10		
5	64QAM	1	0	13.18	13.14	13.20	13.17	13.19	14.1	0
5	64QAM	1	12	13.10	13.10	13.20	13.12	13.11		
5	64QAM	1	24	13.19	13.08	13.21	13.12	13.15		
5	64QAM	12	0	13.18	13.18	13.21	13.10	13.20	14.1	0
5	64QAM	12	7	13.18	13.19	13.14	13.20	13.10		
5	64QAM	12	13	13.19	13.09	13.17	13.16	13.19		
5	64QAM	25	0	13.16	13.14	13.17	13.13	13.12		
5	256QAM	1	0	13.14	13.08	13.16	13.13	13.15	14.1	0
5	256QAM	1	12	13.19	13.09	13.18	13.16	13.11		
5	256QAM	1	24	13.18	13.19	13.21	13.17	13.11		
5	256QAM	12	0	13.13	13.08	13.19	13.17	13.15	14.1	0
5	256QAM	12	7	13.11	13.17	13.15	13.11	13.09		
5	256QAM	12	13	13.19	13.11	13.14	13.18	13.13		
5	256QAM	25	0	13.19	13.12	13.11	13.09	13.18		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	15.91	15.95	15.89	17.2	0
20	QPSK	1	49	15.90	15.91	15.81		
20	QPSK	1	99	15.86	15.91	15.80		
20	QPSK	50	0	15.85	15.93	15.87	17.2	0
20	QPSK	50	24	15.84	15.84	15.84		
20	QPSK	50	50	15.91	15.89	15.84		
20	QPSK	100	0	15.89	15.92	15.87		
20	16QAM	1	0	15.80	15.90	15.85	17.2	0
20	16QAM	1	49	15.84	15.92	15.80		
20	16QAM	1	99	15.91	15.89	15.83		
20	16QAM	50	0	15.83	15.85	15.81	17.2	0
20	16QAM	50	24	15.87	15.82	15.88		
20	16QAM	50	50	15.85	15.82	15.85		
20	16QAM	100	0	15.87	15.86	15.90		
20	64QAM	1	0	15.87	15.83	15.85	17.2	0
20	64QAM	1	49	15.86	15.90	15.81		
20	64QAM	1	99	15.89	15.92	15.85		
20	64QAM	50	0	15.90	15.88	15.81	17.2	0
20	64QAM	50	24	15.90	15.82	15.80		
20	64QAM	50	50	15.87	15.85	15.88		
20	64QAM	100	0	15.88	15.88	15.80		
20	256QAM	1	0	15.87	15.90	15.84	17.2	0
20	256QAM	1	49	15.91	15.92	15.86		
20	256QAM	1	99	15.83	15.89	15.83		
20	256QAM	50	0	15.81	15.89	15.80	17.2	0
20	256QAM	50	24	15.84	15.91	15.80		
20	256QAM	50	50	15.86	15.82	15.81		
20	256QAM	100	0	15.86	15.85	15.86		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	15.80	15.79	15.79	17.2	0
15	QPSK	1	37	15.84	15.78	15.75		
15	QPSK	1	74	15.74	15.81	15.73		
15	QPSK	36	0	15.80	15.81	15.75	17.2	0
15	QPSK	36	20	15.83	15.80	15.82		
15	QPSK	36	39	15.83	15.75	15.78		
15	QPSK	75	0	15.82	15.85	15.82		
15	16QAM	1	0	15.82	15.77	15.83	17.2	0
15	16QAM	1	37	15.79	15.84	15.77		
15	16QAM	1	74	15.73	15.76	15.84		
15	16QAM	36	0	15.73	15.81	15.84	17.2	0
15	16QAM	36	20	15.77	15.85	15.78		
15	16QAM	36	39	15.76	15.79	15.77		
15	16QAM	75	0	15.83	15.80	15.76		
15	64QAM	1	0	15.80	15.85	15.78	17.2	0
15	64QAM	1	37	15.83	15.77	15.81		
15	64QAM	1	74	15.73	15.84	15.85		
15	64QAM	36	0	15.74	15.83	15.75	17.2	0
15	64QAM	36	20	15.79	15.83	15.84		
15	64QAM	36	39	15.73	15.79	15.81		
15	64QAM	75	0	15.77	15.83	15.82		
15	256QAM	1	0	15.80	15.87	15.79	17.2	0
15	256QAM	1	37	15.81	15.83	15.76		
15	256QAM	1	74	15.74	15.76	15.85		
15	256QAM	36	0	15.80	15.82	15.82	17.2	0
15	256QAM	36	20	15.81	15.86	15.81		
15	256QAM	36	39	15.83	15.81	15.81		
15	256QAM	75	0	15.79	15.80	15.73		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	15.76	15.81	15.81	17.2	0
10	QPSK	1	25	15.84	15.85	15.78		
10	QPSK	1	49	15.75	15.83	15.82		
10	QPSK	25	0	15.75	15.77	15.79	17.2	0
10	QPSK	25	12	15.75	15.77	15.80		
10	QPSK	25	25	15.85	15.82	15.84		
10	QPSK	50	0	15.77	15.77	15.73		
10	16QAM	1	0	15.85	15.77	15.80	17.2	0
10	16QAM	1	25	15.76	15.87	15.83		
10	16QAM	1	49	15.74	15.80	15.75		
10	16QAM	25	0	15.76	15.86	15.75	17.2	0
10	16QAM	25	12	15.78	15.84	15.82		
10	16QAM	25	25	15.84	15.79	15.78		
10	16QAM	50	0	15.83	15.81	15.85		
10	64QAM	1	0	15.84	15.76	15.74	17.2	0
10	64QAM	1	25	15.80	15.77	15.79		
10	64QAM	1	49	15.85	15.78	15.74		
10	64QAM	25	0	15.81	15.85	15.84	17.2	0
10	64QAM	25	12	15.78	15.77	15.81		
10	64QAM	25	25	15.80	15.86	15.85		
10	64QAM	50	0	15.80	15.87	15.82		
10	256QAM	1	0	15.85	15.84	15.78	17.2	0
10	256QAM	1	25	15.79	15.86	15.81		
10	256QAM	1	49	15.80	15.77	15.80		
10	256QAM	25	0	15.81	15.81	15.74	17.2	0
10	256QAM	25	12	15.75	15.82	15.83		
10	256QAM	25	25	15.84	15.80	15.73		
10	256QAM	50	0	15.74	15.86	15.81		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	15.79	15.80	15.81	17.2	0
5	QPSK	1	12	15.83	15.78	15.78		
5	QPSK	1	24	15.74	15.85	15.74		
5	QPSK	12	0	15.81	15.84	15.81	17.2	0
5	QPSK	12	7	15.77	15.87	15.80		
5	QPSK	12	13	15.75	15.76	15.81		
5	QPSK	25	0	15.77	15.87	15.83		
5	16QAM	1	0	15.83	15.86	15.75	17.2	0
5	16QAM	1	12	15.79	15.85	15.82		
5	16QAM	1	24	15.75	15.84	15.83		
5	16QAM	12	0	15.82	15.85	15.77	17.2	0
5	16QAM	12	7	15.79	15.83	15.76		
5	16QAM	12	13	15.81	15.78	15.77		
5	16QAM	25	0	15.85	15.83	15.79		
5	64QAM	1	0	15.83	15.80	15.81	17.2	0
5	64QAM	1	12	15.76	15.82	15.74		
5	64QAM	1	24	15.79	15.77	15.79		
5	64QAM	12	0	15.74	15.83	15.84	17.2	0
5	64QAM	12	7	15.78	15.79	15.79		
5	64QAM	12	13	15.76	15.79	15.78		
5	64QAM	25	0	15.77	15.78	15.79		
5	256QAM	1	0	15.80	15.81	15.79	17.2	0
5	256QAM	1	12	15.73	15.77	15.82		
5	256QAM	1	24	15.81	15.82	15.84		
5	256QAM	12	0	15.73	15.76	15.73	17.2	0
5	256QAM	12	7	15.84	15.86	15.73		
5	256QAM	12	13	15.75	15.77	15.82		
5	256QAM	25	0	15.76	15.79	15.75		

Band 42 FCC Part27Q Ant8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.89	21.93	21.88	22.7	0
20	QPSK	1	49	21.90	21.87	21.90		
20	QPSK	1	99	21.87	21.91	21.79		
20	QPSK	50	0	21.27	21.32	21.21	22.7	0
20	QPSK	50	24	21.16	21.20	21.17		
20	QPSK	50	50	21.24	21.21	21.24		
20	QPSK	100	0	21.21	21.28	21.25		
20	16QAM	1	0	21.54	21.56	21.57	22.7	0
20	16QAM	1	49	21.56	21.65	21.62		
20	16QAM	1	99	21.69	21.67	21.46		
20	16QAM	50	0	20.17	20.25	20.15	22	0.7
20	16QAM	50	24	20.15	20.28	20.19		
20	16QAM	50	50	20.20	20.17	20.22		
20	16QAM	100	0	20.28	20.25	20.22		
20	64QAM	1	0	20.39	20.45	20.33	22	0.7
20	64QAM	1	49	20.42	20.43	20.30		
20	64QAM	1	99	20.24	20.51	20.47		
20	64QAM	50	0	19.30	19.18	19.20	21	1.7
20	64QAM	50	24	19.15	19.31	19.28		
20	64QAM	50	50	19.16	19.32	19.25		
20	64QAM	100	0	19.18	19.20	19.25		
20	256QAM	1	0	17.26	17.31	17.35	19	3.7
20	256QAM	1	49	17.34	17.33	17.37		
20	256QAM	1	99	17.28	17.35	17.32		
20	256QAM	50	0	17.27	17.37	17.26	19	3.7
20	256QAM	50	24	17.34	17.32	17.32		
20	256QAM	50	50	17.32	17.31	17.31		
20	256QAM	100	0	17.35	17.32	17.35		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.73	21.86	21.79	22.7	0
15	QPSK	1	37	21.82	21.78	21.85		
15	QPSK	1	74	21.81	21.85	21.77		
15	QPSK	36	0	21.27	21.26	21.27	22.7	0
15	QPSK	36	20	21.23	21.29	21.19		
15	QPSK	36	39	21.24	21.23	21.18		
15	QPSK	75	0	21.20	21.26	21.19		
15	16QAM	1	0	21.46	21.55	21.67	22.7	0
15	16QAM	1	37	21.60	21.66	21.54		
15	16QAM	1	74	21.61	21.70	21.47		
15	16QAM	36	0	20.15	20.24	20.21	22	0.7
15	16QAM	36	20	20.24	20.19	20.24		
15	16QAM	36	39	20.27	20.23	20.20		
15	16QAM	75	0	20.28	20.30	20.21		
15	64QAM	1	0	20.39	20.40	20.30	22	0.7
15	64QAM	1	37	20.39	20.34	20.35		
15	64QAM	1	74	20.25	20.52	20.45		
15	64QAM	36	0	19.32	19.25	19.22	21	1.7
15	64QAM	36	20	19.20	19.24	19.29		
15	64QAM	36	39	19.20	19.29	19.19		
15	64QAM	75	0	19.21	19.23	19.23		
15	256QAM	1	0	17.27	17.39	17.35	19	3.7
15	256QAM	1	37	17.30	17.38	17.34		
15	256QAM	1	74	17.28	17.27	17.28		
15	256QAM	36	0	17.27	17.36	17.31	19	3.7
15	256QAM	36	20	17.32	17.39	17.34		
15	256QAM	36	39	17.34	17.30	17.28		
15	256QAM	75	0	17.31	17.37	17.30		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.81	21.86	21.75	22.7	0
10	QPSK	1	25	21.81	21.78	21.79		
10	QPSK	1	49	21.85	21.80	21.83		
10	QPSK	25	0	21.17	21.28	21.20	22.7	0
10	QPSK	25	12	21.22	21.22	21.18		
10	QPSK	25	25	21.20	21.30	21.26		
10	QPSK	50	0	21.18	21.27	21.22		
10	16QAM	1	0	21.46	21.59	21.60	22.7	0
10	16QAM	1	25	21.57	21.68	21.58		
10	16QAM	1	49	21.66	21.67	21.49		
10	16QAM	25	0	20.13	20.24	20.18	22	0.7
10	16QAM	25	12	20.23	20.17	20.19		
10	16QAM	25	25	20.25	20.25	20.13		
10	16QAM	50	0	20.18	20.30	20.16		
10	64QAM	1	0	20.40	20.39	20.31	22	0.7
10	64QAM	1	25	20.32	20.37	20.31		
10	64QAM	1	49	20.27	20.51	20.45		
10	64QAM	25	0	19.26	19.17	19.24	21	1.7
10	64QAM	25	12	19.18	19.29	19.23		
10	64QAM	25	25	19.25	19.23	19.19		
10	64QAM	50	0	19.14	19.14	19.23		
10	256QAM	1	0	17.25	17.34	17.31	19	3.7
10	256QAM	1	25	17.35	17.34	17.30		
10	256QAM	1	49	17.32	17.30	17.29		
10	256QAM	25	0	17.31	17.38	17.28	19	3.7
10	256QAM	25	12	17.29	17.32	17.33		
10	256QAM	25	25	17.36	17.37	17.28		
10	256QAM	50	0	17.35	17.31	17.31		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.84	21.79	21.80	22.7	0
5	QPSK	1	12	21.75	21.84	21.84		
5	QPSK	1	24	21.81	21.77	21.77		
5	QPSK	12	0	21.21	21.25	21.20	22.7	0
5	QPSK	12	7	21.21	21.24	21.12		
5	QPSK	12	13	21.23	21.22	21.21		
5	QPSK	25	0	21.19	21.21	21.21		
5	16QAM	1	0	21.51	21.60	21.58	22.7	0
5	16QAM	1	12	21.60	21.65	21.56		
5	16QAM	1	24	21.62	21.71	21.56		
5	16QAM	12	0	20.14	20.23	20.22	22	0.7
5	16QAM	12	7	20.24	20.24	20.15		
5	16QAM	12	13	20.26	20.20	20.19		
5	16QAM	25	0	20.27	20.25	20.16		
5	64QAM	1	0	20.41	20.39	20.38	22	0.7
5	64QAM	1	12	20.33	20.41	20.38		
5	64QAM	1	24	20.31	20.49	20.46		
5	64QAM	12	0	19.35	19.23	19.19	21	1.7
5	64QAM	12	7	19.25	19.29	19.26		
5	64QAM	12	13	19.14	19.33	19.20		
5	64QAM	25	0	19.24	19.25	19.33		
5	256QAM	1	0	17.29	17.37	17.36	19	3.7
5	256QAM	1	12	17.28	17.36	17.41		
5	256QAM	1	24	17.33	17.29	17.26		
5	256QAM	12	0	17.32	17.31	17.32	19	3.7
5	256QAM	12	7	17.31	17.39	17.29		
5	256QAM	12	13	17.35	17.38	17.36		
5	256QAM	25	0	17.25	17.31	17.25		

Band 42 FCC Part27Q Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	10.96	11.01	10.99		
20	QPSK	1	49	10.92	10.91	10.91	12.5	0
20	QPSK	1	99	10.98	10.90	10.98		
20	QPSK	50	0	10.91	10.99	10.96		
20	QPSK	50	24	10.93	10.98	10.89	12.5	0
20	QPSK	50	50	10.89	10.96	10.98		
20	QPSK	100	0	10.96	10.97	10.92		
20	16QAM	1	0	10.98	10.98	10.93		
20	16QAM	1	49	10.93	10.91	10.91	12.5	0
20	16QAM	1	99	10.91	11.00	10.97		
20	16QAM	50	0	10.98	10.96	10.87		
20	16QAM	50	24	10.90	10.91	10.88	12.5	0
20	16QAM	50	50	10.90	10.91	10.96		
20	16QAM	100	0	10.92	10.94	10.92		
20	64QAM	1	0	10.89	10.96	10.97		
20	64QAM	1	49	10.90	10.91	10.93	12.5	0
20	64QAM	1	99	10.96	10.92	10.92		
20	64QAM	50	0	10.97	10.95	10.95		
20	64QAM	50	24	10.97	11.00	10.91	12.5	0
20	64QAM	50	50	10.93	10.91	10.99		
20	64QAM	100	0	10.89	10.96	10.91		
20	256QAM	1	0	10.92	10.92	10.99		
20	256QAM	1	49	10.91	10.94	10.87	12.5	0
20	256QAM	1	99	10.89	10.96	10.87		
20	256QAM	50	0	10.88	10.95	10.96		
20	256QAM	50	24	10.97	10.99	10.87	12.5	0
20	256QAM	50	50	10.97	10.98	10.90		
20	256QAM	100	0	10.93	10.94	10.95		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	10.87	10.91	10.82		
15	QPSK	1	37	10.92	10.84	10.84	12.5	0
15	QPSK	1	74	10.88	10.88	10.88		
15	QPSK	36	0	10.88	10.93	10.84		
15	QPSK	36	20	10.82	10.90	10.82	12.5	0
15	QPSK	36	39	10.87	10.93	10.81		
15	QPSK	75	0	10.87	10.90	10.91		
15	16QAM	1	0	10.89	10.92	10.93		
15	16QAM	1	37	10.87	10.87	10.89	12.5	0
15	16QAM	1	74	10.85	10.87	10.91		
15	16QAM	36	0	10.85	10.88	10.84		
15	16QAM	36	20	10.82	10.86	10.85	12.5	0
15	16QAM	36	39	10.92	10.90	10.86		
15	16QAM	75	0	10.89	10.91	10.93		
15	64QAM	1	0	10.87	10.84	10.83		
15	64QAM	1	37	10.91	10.86	10.87	12.5	0
15	64QAM	1	74	10.84	10.84	10.85		
15	64QAM	36	0	10.90	10.90	10.92		
15	64QAM	36	20	10.92	10.89	10.92	12.5	0
15	64QAM	36	39	10.89	10.83	10.89		
15	64QAM	75	0	10.93	10.88	10.88		
15	256QAM	1	0	10.92	10.84	10.92		
15	256QAM	1	37	10.85	10.83	10.89	12.5	0
15	256QAM	1	74	10.85	10.86	10.91		
15	256QAM	36	0	10.91	10.92	10.89		
15	256QAM	36	20	10.82	10.93	10.87	12.5	0
15	256QAM	36	39	10.85	10.92	10.82		
15	256QAM	75	0	10.84	10.83	10.91		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	10.82	10.91	10.86		
10	QPSK	1	25	10.85	10.93	10.91	12.5	0
10	QPSK	1	49	10.89	10.86	10.83		
10	QPSK	25	0	10.81	10.85	10.85		
10	QPSK	25	12	10.88	10.91	10.92	12.5	0
10	QPSK	25	25	10.82	10.86	10.88		
10	QPSK	50	0	10.86	10.93	10.87		
10	16QAM	1	0	10.91	10.92	10.89		
10	16QAM	1	25	10.82	10.88	10.93	12.5	0
10	16QAM	1	49	10.89	10.90	10.92		
10	16QAM	25	0	10.83	10.94	10.82		
10	16QAM	25	12	10.85	10.84	10.91	12.5	0
10	16QAM	25	25	10.90	10.94	10.87		
10	16QAM	50	0	10.87	10.95	10.84		
10	64QAM	1	0	10.92	10.88	10.88		
10	64QAM	1	25	10.87	10.90	10.83	12.5	0
10	64QAM	1	49	10.82	10.89	10.91		
10	64QAM	25	0	10.84	10.91	10.88		
10	64QAM	25	12	10.85	10.86	10.91	12.5	0
10	64QAM	25	25	10.88	10.90	10.88		
10	64QAM	50	0	10.92	10.91	10.86		
10	256QAM	1	0	10.93	10.93	10.82		
10	256QAM	1	25	10.83	10.89	10.93	12.5	0
10	256QAM	1	49	10.86	10.91	10.88		
10	256QAM	25	0	10.83	10.84	10.85		
10	256QAM	25	12	10.87	10.95	10.89	12.5	0
10	256QAM	25	25	10.84	10.89	10.88		
10	256QAM	50	0	10.92	10.91	10.92		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	10.91	10.88	10.87		
5	QPSK	1	12	10.82	10.85	10.84	12.5	0
5	QPSK	1	24	10.91	10.83	10.89		
5	QPSK	12	0	10.83	10.86	10.81		
5	QPSK	12	7	10.89	10.91	10.92	12.5	0
5	QPSK	12	13	10.82	10.87	10.81		
5	QPSK	25	0	10.91	10.90	10.87		
5	16QAM	1	0	10.89	10.83	10.85		
5	16QAM	1	12	10.93	10.94	10.88	12.5	0
5	16QAM	1	24	10.89	10.90	10.85		
5	16QAM	12	0	10.90	10.87	10.84		
5	16QAM	12	7	10.86	10.84	10.84	12.5	0
5	16QAM	12	13	10.82	10.85	10.87		
5	16QAM	25	0	10.82	10.84	10.86		
5	64QAM	1	0	10.87	10.86	10.88		
5	64QAM	1	12	10.84	10.93	10.88	12.5	0
5	64QAM	1	24	10.92	10.90	10.82		
5	64QAM	12	0	10.91	10.86	10.88		
5	64QAM	12	7	10.83	10.93	10.89	12.5	0
5	64QAM	12	13	10.91	10.88	10.89		
5	64QAM	25	0	10.92	10.93	10.90		
5	256QAM	1	0	10.82	10.88	10.81		
5	256QAM	1	12	10.82	10.92	10.86	12.5	0
5	256QAM	1	24	10.82	10.84	10.89		
5	256QAM	12	0	10.83	10.86	10.90		
5	256QAM	12	7	10.88	10.83	10.83	12.5	0
5	256QAM	12	13	10.86	10.93	10.82		
5	256QAM	25	0	10.87	10.95	10.85		

Band 42 FCC Part27Q Ant5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	16.45	16.47	16.42	17.5	0
20	QPSK	1	49	16.32	16.39	16.37		
20	QPSK	1	99	16.35	16.41	16.37		
20	QPSK	50	0	16.40	16.45	16.39	17.5	0
20	QPSK	50	24	16.30	16.40	16.32		
20	QPSK	50	50	16.33	16.35	16.36		
20	QPSK	100	0	16.35	16.40	16.34		
20	16QAM	1	0	16.39	16.34	16.35	17.5	0
20	16QAM	1	49	16.35	16.33	16.37		
20	16QAM	1	99	16.40	16.41	16.33		
20	16QAM	50	0	15.18	15.28	15.24	17	0.5
20	16QAM	50	24	15.25	15.19	15.21		
20	16QAM	50	50	15.25	15.28	15.16		
20	16QAM	100	0	15.27	15.29	15.14		
20	64QAM	1	0	15.33	15.39	15.33	17	0.5
20	64QAM	1	49	15.37	15.33	15.39		
20	64QAM	1	99	15.26	15.42	15.42		
20	64QAM	50	0	14.27	14.26	14.18	16	1.5
20	64QAM	50	24	14.23	14.26	14.26		
20	64QAM	50	50	14.22	14.31	14.21		
20	64QAM	100	0	14.21	14.26	14.27		
20	256QAM	1	0	12.26	12.42	12.26	14	3.5
20	256QAM	1	49	12.26	12.40	12.32		
20	256QAM	1	99	12.26	12.34	12.25		
20	256QAM	50	0	12.32	12.35	12.33	14	3.5
20	256QAM	50	24	12.31	12.39	12.35		
20	256QAM	50	50	12.32	12.38	12.28		
20	256QAM	100	0	12.28	12.30	12.25		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	16.28	16.34	16.31	17.5	0
15	QPSK	1	37	16.30	16.29	16.33		
15	QPSK	1	74	16.26	16.36	16.29		
15	QPSK	36	0	16.31	16.30	16.24	17.5	0
15	QPSK	36	20	16.31	16.34	16.30		
15	QPSK	36	39	16.32	16.35	16.32		
15	QPSK	75	0	16.33	16.31	16.30		
15	16QAM	1	0	16.31	16.37	16.36	17.5	0
15	16QAM	1	37	16.34	16.37	16.26		
15	16QAM	1	74	16.30	16.34	16.30		
15	16QAM	36	0	15.13	15.34	15.15	17	0.5
15	16QAM	36	20	15.16	15.19	15.26		
15	16QAM	36	39	15.28	15.18	15.13		
15	16QAM	75	0	15.19	15.31	15.15		
15	64QAM	1	0	15.42	15.41	15.38	17	0.5
15	64QAM	1	37	15.40	15.39	15.36		
15	64QAM	1	74	15.24	15.46	15.46		
15	64QAM	36	0	14.32	14.17	14.18	16	1.5
15	64QAM	36	20	14.24	14.34	14.30		
15	64QAM	36	39	14.14	14.28	14.23		
15	64QAM	75	0	14.17	14.22	14.34		
15	256QAM	1	0	12.32	12.42	12.35	14	3.5
15	256QAM	1	37	12.29	12.40	12.39		
15	256QAM	1	74	12.31	12.29	12.27		
15	256QAM	36	0	12.33	12.31	12.32	14	3.5
15	256QAM	36	20	12.35	12.27	12.35		
15	256QAM	36	39	12.25	12.37	12.24		
15	256QAM	75	0	12.29	12.31	12.29		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	16.32	16.32	16.34	17.5	0
10	QPSK	1	25	16.32	16.35	16.27		
10	QPSK	1	49	16.27	16.31	16.34		
10	QPSK	25	0	16.29	16.32	16.26	17.5	0
10	QPSK	25	12	16.31	16.29	16.28		
10	QPSK	25	25	16.35	16.28	16.36		
10	QPSK	50	0	16.35	16.34	16.26		
10	16QAM	1	0	16.26	16.31	16.35	17.5	0
10	16QAM	1	25	16.26	16.29	16.30		
10	16QAM	1	49	16.33	16.25	16.35		
10	16QAM	25	0	15.16	15.28	15.21	17	0.5
10	16QAM	25	12	15.18	15.22	15.25		
10	16QAM	25	25	15.24	15.20	15.23		
10	16QAM	50	0	15.19	15.20	15.19		
10	64QAM	1	0	15.35	15.38	15.35	17	0.5
10	64QAM	1	25	15.33	15.36	15.35		
10	64QAM	1	49	15.31	15.46	15.49		
10	64QAM	25	0	14.25	14.27	14.23	16	1.5
10	64QAM	25	12	14.24	14.35	14.27		
10	64QAM	25	25	14.16	14.28	14.21		
10	64QAM	50	0	14.22	14.20	14.29		
10	256QAM	1	0	12.28	12.35	12.32	14	3.5
10	256QAM	1	25	12.30	12.31	12.36		
10	256QAM	1	49	12.30	12.37	12.31		
10	256QAM	25	0	12.31	12.28	12.29	14	3.5
10	256QAM	25	12	12.33	12.39	12.33		
10	256QAM	25	25	12.25	12.37	12.33		
10	256QAM	50	0	12.32	12.35	12.35		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	16.26	16.30	16.33	17.5	0
5	QPSK	1	12	16.27	16.27	16.25		
5	QPSK	1	24	16.29	16.31	16.30		
5	QPSK	12	0	16.24	16.31	16.27	17.5	0
5	QPSK	12	7	16.26	16.30	16.28		
5	QPSK	12	13	16.34	16.27	16.36		
5	QPSK	25	0	16.31	16.27	16.28		
5	16QAM	1	0	16.28	16.31	16.28	17.5	0
5	16QAM	1	12	16.36	16.35	16.32		
5	16QAM	1	24	16.31	16.28	16.26		
5	16QAM	12	0	15.21	15.33	15.23	17	0.5
5	16QAM	12	7	15.16	15.28	15.20		
5	16QAM	12	13	15.19	15.22	15.16		
5	16QAM	25	0	15.22	15.28	15.20		
5	64QAM	1	0	15.40	15.36	15.38	17	0.5
5	64QAM	1	12	15.34	15.33	15.33		
5	64QAM	1	24	15.31	15.44	15.47		
5	64QAM	12	0	14.32	14.23	14.20	16	1.5
5	64QAM	12	7	14.20	14.26	14.27		
5	64QAM	12	13	14.15	14.27	14.18		
5	64QAM	25	0	14.20	14.19	14.31		
5	256QAM	1	0	12.31	12.43	12.29	14	3.5
5	256QAM	1	12	12.28	12.36	12.34		
5	256QAM	1	24	12.26	12.29	12.33		
5	256QAM	12	0	12.31	12.30	12.34	14	3.5
5	256QAM	12	7	12.29	12.30	12.32		
5	256QAM	12	13	12.27	12.28	12.29		
5	256QAM	25	0	12.36	12.38	12.35		

Full & Default & ECI4 Power_Other PA

Band 2 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.89	21.93	21.91		
20	QPSK	1	49	21.89	21.89	21.82	23	0
20	QPSK	1	99	21.87	21.91	21.88		
20	QPSK	50	0	20.88	20.95	20.94		
20	QPSK	50	24	20.92	20.92	20.86	22	1
20	QPSK	50	50	20.83	20.91	20.80		
20	QPSK	100	0	20.90	20.93	20.87		
20	16QAM	1	0	20.92	20.97	20.91		
20	16QAM	1	49	20.92	20.94	20.93	22	1
20	16QAM	1	99	20.81	20.91	20.83		
20	16QAM	50	0	19.88	19.96	19.88		
20	16QAM	50	24	19.82	19.89	19.88	21	2
20	16QAM	50	50	19.82	19.91	19.87		
20	16QAM	100	0	19.90	19.93	19.86		
20	64QAM	1	0	19.88	19.93	19.83		
20	64QAM	1	49	19.83	19.87	19.86	21	2
20	64QAM	1	99	19.81	19.88	19.84		
20	64QAM	50	0	18.95	18.96	18.88		
20	64QAM	50	24	18.93	18.96	18.83	20	3
20	64QAM	50	50	18.83	18.92	18.86		
20	64QAM	100	0	18.86	18.89	18.79		
20	256QAM	1	0	16.88	16.89	16.83		
20	256QAM	1	49	16.79	16.87	16.78	18	5
20	256QAM	1	99	16.90	16.91	16.85		
20	256QAM	50	0	16.96	16.96	16.95		
20	256QAM	50	24	16.85	16.92	16.84	18	5
20	256QAM	50	50	16.85	16.93	16.86		
20	256QAM	100	0	16.82	16.91	16.90		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.76	21.84	21.81		
15	QPSK	1	37	21.78	21.82	21.80	23	0
15	QPSK	1	74	21.82	21.84	21.76		
15	QPSK	36	0	20.76	20.93	20.92		
15	QPSK	36	20	20.86	20.84	20.74	22	1
15	QPSK	36	39	20.73	20.79	20.68		
15	QPSK	75	0	20.88	20.89	20.76		
15	16QAM	1	0	20.80	20.86	20.80		
15	16QAM	1	37	20.82	20.83	20.82	22	1
15	16QAM	1	74	20.77	20.85	20.72		
15	16QAM	36	0	19.86	19.84	19.87		
15	16QAM	36	20	19.70	19.79	19.78	21	2
15	16QAM	36	39	19.72	19.81	19.79		
15	16QAM	75	0	19.86	19.89	19.76		
15	64QAM	1	0	19.78	19.86	19.78		
15	64QAM	1	37	19.80	19.81	19.84	21	2
15	64QAM	1	74	19.72	19.76	19.80		
15	64QAM	36	0	18.92	18.86	18.81		
15	64QAM	36	20	18.89	18.83	18.79	20	3
15	64QAM	36	39	18.71	18.85	18.84		
15	64QAM	75	0	18.77	18.86	18.72		
15	256QAM	1	0	16.83	16.78	16.79		
15	256QAM	1	37	16.75	16.81	16.73	18	5
15	256QAM	1	74	16.86	16.82	16.74		
15	256QAM	36	0	16.89	16.88	16.93		
15	256QAM	36	20	16.76	16.90	16.73	18	5
15	256QAM	36	39	16.77	16.91	16.84		
15	256QAM	75	0	16.75	16.86	16.80		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.86	21.83	21.79	23	0
10	QPSK	1	25	21.81	21.83	21.79		
10	QPSK	1	49	21.80	21.79	21.79		
10	QPSK	25	0	20.87	20.85	20.88		
10	QPSK	25	12	20.80	20.80	20.77	22	1
10	QPSK	25	25	20.76	20.79	20.70		
10	QPSK	50	0	20.86	20.81	20.80		
10	16QAM	1	0	20.84	20.88	20.81		
10	16QAM	1	25	20.84	20.86	20.90	22	1
10	16QAM	1	49	20.74	20.79	20.77		
10	16QAM	25	0	19.79	19.89	19.91		
10	16QAM	25	12	19.76	19.79	19.79	21	2
10	16QAM	25	25	19.74	19.82	19.86		
10	16QAM	50	0	19.78	19.85	19.84		
10	64QAM	1	0	19.76	19.88	19.75		
10	64QAM	1	25	19.81	19.85	19.74	21	2
10	64QAM	1	49	19.79	19.77	19.78		
10	64QAM	25	0	18.90	18.95	18.87		
10	64QAM	25	12	18.83	18.84	18.73	20	3
10	64QAM	25	25	18.78	18.87	18.74		
10	64QAM	50	0	18.77	18.83	18.71		
10	256QAM	1	0	16.86	16.81	16.79		
10	256QAM	1	25	16.69	16.74	16.75	18	5
10	256QAM	1	49	16.85	16.83	16.81		
10	256QAM	25	0	16.77	16.86	16.91		
10	256QAM	25	12	16.73	16.82	16.80	18	5
10	256QAM	25	25	16.72	16.84	16.75		
10	256QAM	50	0	16.70	16.88	16.79		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.82	21.91	21.80		
5	QPSK	1	12	21.80	21.86	21.78	23	0
5	QPSK	1	24	21.79	21.81	21.78		
5	QPSK	12	0	20.84	20.86	20.91		
5	QPSK	12	7	20.86	20.87	20.80	22	1
5	QPSK	12	13	20.77	20.86	20.69		
5	QPSK	25	0	20.79	20.83	20.86		
5	16QAM	1	0	20.83	20.87	20.84		
5	16QAM	1	12	20.81	20.92	20.84	22	1
5	16QAM	1	24	20.76	20.83	20.77		
5	16QAM	12	0	19.80	19.83	19.81		
5	16QAM	12	7	19.74	19.82	19.80	21	2
5	16QAM	12	13	19.78	19.85	19.74		
5	16QAM	25	0	19.78	19.80	19.77		
5	64QAM	1	0	19.78	19.89	19.82		
5	64QAM	1	12	19.71	19.77	19.78	21	2
5	64QAM	1	24	19.72	19.85	19.80		
5	64QAM	12	0	18.85	18.89	18.82		
5	64QAM	12	7	18.81	18.94	18.73	20	3
5	64QAM	12	13	18.77	18.87	18.83		
5	64QAM	25	0	18.82	18.83	18.88		
5	256QAM	1	0	16.78	16.85	16.72		
5	256QAM	1	12	16.71	16.76	16.67	18	5
5	256QAM	1	24	16.85	16.88	16.79		
5	256QAM	12	0	16.84	16.87	16.87		
5	256QAM	12	7	16.79	16.85	16.74	18	5
5	256QAM	12	13	16.82	16.81	16.83		
5	256QAM	25	0	16.79	16.88	16.77		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.87	21.81	21.87		
3	QPSK	1	8	21.73	21.77	21.69	23	0
3	QPSK	1	14	21.79	21.90	21.86		
3	QPSK	8	0	20.86	20.84	20.86		
3	QPSK	8	4	20.81	20.83	20.76	22	1
3	QPSK	8	7	20.75	20.86	20.69		
3	QPSK	15	0	20.86	20.91	20.83		
3	16QAM	1	0	20.99	20.93	20.90		
3	16QAM	1	8	20.88	20.90	20.80	22	1
3	16QAM	1	14	20.70	20.83	20.76		
3	16QAM	8	0	19.83	19.91	19.91		
3	16QAM	8	4	19.80	19.79	19.84	21	2
3	16QAM	8	7	19.78	19.81	19.78		
3	16QAM	15	0	19.83	19.84	19.77		
3	64QAM	1	0	19.97	19.92	19.81		
3	64QAM	1	8	19.81	19.81	19.75	21	2
3	64QAM	1	14	19.72	19.82	19.81		
3	64QAM	8	0	18.85	18.92	18.80		
3	64QAM	8	4	18.84	18.86	18.72	20	3
3	64QAM	8	7	18.79	18.87	18.89		
3	64QAM	15	0	18.82	18.81	18.67		
3	256QAM	1	0	16.79	16.80	16.75		
3	256QAM	1	8	16.71	16.81	16.66	18	5
3	256QAM	1	14	16.79	16.80	16.73		
3	256QAM	8	0	16.90	16.89	16.85		
3	256QAM	8	4	16.80	16.81	16.76	18	5
3	256QAM	8	7	16.80	16.84	16.81		
3	256QAM	15	0	16.78	16.82	16.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.87	21.91	21.79		
1.4	QPSK	1	3	21.73	21.88	21.77		
1.4	QPSK	1	5	21.84	21.85	21.79	23	0
1.4	QPSK	3	0	21.86	21.80	21.87		
1.4	QPSK	3	1	21.71	21.79	21.71		
1.4	QPSK	3	3	21.75	21.87	21.85		
1.4	QPSK	6	0	20.75	20.94	20.84	22	1
1.4	16QAM	1	0	20.87	20.86	20.81		
1.4	16QAM	1	3	20.76	20.81	20.69		
1.4	16QAM	1	5	20.78	20.84	20.77	22	1
1.4	16QAM	3	0	20.81	20.89	20.86		
1.4	16QAM	3	1	20.88	20.86	20.92		
1.4	16QAM	3	3	20.69	20.83	20.71		
1.4	16QAM	6	0	19.84	19.92	19.89	21	2
1.4	64QAM	1	0	19.76	19.80	19.81		
1.4	64QAM	1	3	19.79	19.86	19.91		
1.4	64QAM	1	5	19.88	19.84	19.82	21	2
1.4	64QAM	3	0	19.83	19.90	19.74		
1.4	64QAM	3	1	19.81	19.74	19.85		
1.4	64QAM	3	3	19.77	19.77	19.81		
1.4	64QAM	6	0	18.84	18.87	18.79	20	3
1.4	256QAM	1	0	16.82	16.85	16.77		
1.4	256QAM	1	3	16.72	16.85	16.66		
1.4	256QAM	1	5	16.82	16.89	16.74	18	5
1.4	256QAM	3	0	16.87	16.83	16.91		
1.4	256QAM	3	1	16.78	16.83	16.75		
1.4	256QAM	3	3	16.78	16.90	16.83		
1.4	256QAM	6	0	16.78	16.90	16.78	18	5

Band 4 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.91	21.95	21.93		
20	QPSK	1	49	21.89	21.94	21.85	23	0
20	QPSK	1	99	21.90	21.90	21.83		
20	QPSK	50	0	20.93	20.97	20.96		
20	QPSK	50	24	20.92	20.89	20.81	22	1
20	QPSK	50	50	20.87	20.87	20.80		
20	QPSK	100	0	20.89	20.93	20.87		
20	16QAM	1	0	20.92	20.94	20.96		
20	16QAM	1	49	20.91	20.94	20.96	22	1
20	16QAM	1	99	20.82	20.96	20.81		
20	16QAM	50	0	19.94	19.94	19.88		
20	16QAM	50	24	19.77	19.94	19.93	21	2
20	16QAM	50	50	19.88	19.96	19.88		
20	16QAM	100	0	19.88	19.95	19.91		
20	64QAM	1	0	19.90	19.93	19.81		
20	64QAM	1	49	19.85	19.89	19.90	21	2
20	64QAM	1	99	19.83	19.92	19.80		
20	64QAM	50	0	18.98	18.93	18.90		
20	64QAM	50	24	18.94	18.96	18.80	20	3
20	64QAM	50	50	18.82	18.87	18.86		
20	64QAM	100	0	18.89	18.86	18.78		
20	256QAM	1	0	16.82	16.94	16.77		
20	256QAM	1	49	16.78	16.93	16.72	18	5
20	256QAM	1	99	16.92	16.90	16.90		
20	256QAM	50	0	16.91	16.90	16.99		
20	256QAM	50	24	16.86	16.97	16.79	18	5
20	256QAM	50	50	16.85	16.91	16.87		
20	256QAM	100	0	16.79	16.92	16.90		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.86	21.89	21.88		
15	QPSK	1	37	21.76	21.82	21.79	23	0
15	QPSK	1	74	21.79	21.80	21.82		
15	QPSK	36	0	20.86	20.88	20.93		
15	QPSK	36	20	20.87	20.88	20.74	22	1
15	QPSK	36	39	20.74	20.82	20.73		
15	QPSK	75	0	20.84	20.88	20.74		
15	16QAM	1	0	20.82	20.87	20.87		
15	16QAM	1	37	20.87	20.92	20.89	22	1
15	16QAM	1	74	20.71	20.86	20.72		
15	16QAM	36	0	19.76	19.91	19.88		
15	16QAM	36	20	19.80	19.78	19.79	21	2
15	16QAM	36	39	19.81	19.84	19.76		
15	16QAM	75	0	19.89	19.89	19.77		
15	64QAM	1	0	19.78	19.85	19.74		
15	64QAM	1	37	19.73	19.75	19.76	21	2
15	64QAM	1	74	19.71	19.81	19.75		
15	64QAM	36	0	18.92	18.90	18.86		
15	64QAM	36	20	18.89	18.83	18.74	20	3
15	64QAM	36	39	18.75	18.86	18.80		
15	64QAM	75	0	18.75	18.85	18.70		
15	256QAM	1	0	16.86	16.78	16.77		
15	256QAM	1	37	16.74	16.80	16.75	18	5
15	256QAM	1	74	16.77	16.80	16.74		
15	256QAM	36	0	16.90	16.87	16.94		
15	256QAM	36	20	16.82	16.89	16.75	18	5
15	256QAM	36	39	16.75	16.90	16.83		
15	256QAM	75	0	16.77	16.82	16.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.83	21.79	21.71		
10	QPSK	1	25	21.79	21.79	21.71	23	0
10	QPSK	1	49	21.79	21.80	21.79		
10	QPSK	25	0	20.83	20.92	20.88		
10	QPSK	25	12	20.80	20.81	20.82	22	1
10	QPSK	25	25	20.79	20.87	20.73		
10	QPSK	50	0	20.77	20.82	20.76		
10	16QAM	1	0	20.90	20.87	20.82		
10	16QAM	1	25	20.88	20.90	20.90	22	1
10	16QAM	1	49	20.77	20.86	20.72		
10	16QAM	25	0	19.84	19.89	19.83		
10	16QAM	25	12	19.69	19.83	19.87	21	2
10	16QAM	25	25	19.79	19.89	19.76		
10	16QAM	50	0	19.87	19.88	19.77		
10	64QAM	1	0	19.79	19.84	19.80		
10	64QAM	1	25	19.82	19.80	19.74	21	2
10	64QAM	1	49	19.69	19.76	19.75		
10	64QAM	25	0	18.91	18.88	18.77		
10	64QAM	25	12	18.90	18.83	18.80	20	3
10	64QAM	25	25	18.75	18.90	18.75		
10	64QAM	50	0	18.79	18.82	18.68		
10	256QAM	1	0	16.80	16.77	16.80		
10	256QAM	1	25	16.66	16.77	16.76	18	5
10	256QAM	1	49	16.82	16.83	16.79		
10	256QAM	25	0	16.91	16.91	16.91		
10	256QAM	25	12	16.78	16.87	16.78	18	5
10	256QAM	25	25	16.73	16.87	16.77		
10	256QAM	50	0	16.73	16.83	16.87		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.85	21.89	21.78		
5	QPSK	1	12	21.74	21.81	21.75	23	0
5	QPSK	1	24	21.86	21.85	21.77		
5	QPSK	12	0	20.85	20.89	20.88		
5	QPSK	12	7	20.84	20.82	20.73	22	1
5	QPSK	12	13	20.76	20.82	20.70		
5	QPSK	25	0	20.83	20.86	20.77		
5	16QAM	1	0	20.83	20.90	20.86		
5	16QAM	1	12	20.83	20.81	20.90	22	1
5	16QAM	1	24	20.78	20.89	20.74		
5	16QAM	12	0	19.83	19.84	19.88		
5	16QAM	12	7	19.76	19.79	19.78	21	2
5	16QAM	12	13	19.78	19.85	19.78		
5	16QAM	25	0	19.79	19.91	19.79		
5	64QAM	1	0	19.78	19.82	19.75		
5	64QAM	1	12	19.80	19.81	19.83	21	2
5	64QAM	1	24	19.80	19.85	19.81		
5	64QAM	12	0	18.86	18.89	18.86		
5	64QAM	12	7	18.89	18.81	18.77	20	3
5	64QAM	12	13	18.71	18.83	18.81		
5	64QAM	25	0	18.83	18.77	18.74		
5	256QAM	1	0	16.84	16.81	16.75		
5	256QAM	1	12	16.74	16.76	16.72	18	5
5	256QAM	1	24	16.84	16.79	16.83		
5	256QAM	12	0	16.87	16.82	16.82		
5	256QAM	12	7	16.81	16.90	16.75	18	5
5	256QAM	12	13	16.82	16.82	16.78		
5	256QAM	25	0	16.69	16.86	16.78		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.78	21.82	21.78		
3	QPSK	1	8	21.79	21.87	21.78	23	0
3	QPSK	1	14	21.77	21.85	21.81		
3	QPSK	8	0	20.79	20.87	20.85		
3	QPSK	8	4	20.83	20.82	20.82	22	1
3	QPSK	8	7	20.77	20.85	20.76		
3	QPSK	15	0	20.82	20.90	20.75		
3	16QAM	1	0	20.83	20.90	20.84		
3	16QAM	1	8	20.85	20.88	20.84	22	1
3	16QAM	1	14	20.69	20.88	20.79		
3	16QAM	8	0	19.80	19.88	19.88		
3	16QAM	8	4	19.73	19.79	19.77	21	2
3	16QAM	8	7	19.76	19.89	19.76		
3	16QAM	15	0	19.86	19.85	19.77		
3	64QAM	1	0	19.92	19.81	19.79		
3	64QAM	1	8	19.81	19.78	19.81	21	2
3	64QAM	1	14	19.71	19.78	19.79		
3	64QAM	8	0	18.93	18.88	18.76		
3	64QAM	8	4	18.88	18.92	18.75	20	3
3	64QAM	8	7	18.73	18.84	18.77		
3	64QAM	15	0	18.83	18.82	18.70		
3	256QAM	1	0	16.76	16.82	16.78		
3	256QAM	1	8	16.77	16.83	16.74	18	5
3	256QAM	1	14	16.83	16.88	16.83		
3	256QAM	8	0	16.89	16.86	16.83		
3	256QAM	8	4	16.78	16.90	16.73	18	5
3	256QAM	8	7	16.79	16.86	16.83		
3	256QAM	15	0	16.80	16.82	16.83		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.78	21.87	21.72		
1.4	QPSK	1	3	21.65	21.76	21.75		
1.4	QPSK	1	5	21.71	21.75	21.73	23	0
1.4	QPSK	3	0	21.75	21.68	21.74		
1.4	QPSK	3	1	21.65	21.69	21.67		
1.4	QPSK	3	3	21.70	21.78	21.79		
1.4	QPSK	6	0	20.68	20.90	20.81	22	1
1.4	16QAM	1	0	20.75	20.77	20.72		
1.4	16QAM	1	3	20.73	20.75	20.60		
1.4	16QAM	1	5	20.77	20.82	20.73	22	1
1.4	16QAM	3	0	20.69	20.79	20.78		
1.4	16QAM	3	1	20.79	20.76	20.88		
1.4	16QAM	3	3	20.68	20.77	20.67		
1.4	16QAM	6	0	19.73	19.84	19.85	21	2
1.4	64QAM	1	0	19.73	19.69	19.70		
1.4	64QAM	1	3	19.71	19.75	19.78		
1.4	64QAM	1	5	19.80	19.83	19.73	21	2
1.4	64QAM	3	0	19.76	19.85	19.65		
1.4	64QAM	3	1	19.74	19.72	19.75		
1.4	64QAM	3	3	19.72	19.69	19.75		
1.4	64QAM	6	0	18.83	18.81	18.76	20	3
1.4	256QAM	1	0	16.78	16.75	16.69		
1.4	256QAM	1	3	16.59	16.79	16.61		
1.4	256QAM	1	5	16.76	16.80	16.72	18	5
1.4	256QAM	3	0	16.77	16.71	16.81		
1.4	256QAM	3	1	16.76	16.72	16.65		
1.4	256QAM	3	3	16.73	16.89	16.72		
1.4	256QAM	6	0	16.74	16.88	16.66	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.91	22.98	22.95		
20	QPSK	1	49	22.89	22.98	22.86	24	0
20	QPSK	1	99	22.92	22.93	22.82		
20	QPSK	50	0	21.91	21.95	21.93		
20	QPSK	50	24	21.88	21.88	21.83	23	1
20	QPSK	50	50	21.81	21.87	21.75		
20	QPSK	100	0	21.89	21.90	21.87		
20	16QAM	1	0	21.93	21.98	21.95		
20	16QAM	1	49	21.87	21.99	21.94	23	1
20	16QAM	1	99	21.83	21.88	21.86		
20	16QAM	50	0	20.90	21.00	20.92		
20	16QAM	50	24	20.80	20.93	20.83	22	2
20	16QAM	50	50	20.83	20.93	20.83	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.83	22.90	22.87	24	0
20	QPSK	1	49	22.74	22.88	22.78		
20	QPSK	1	99	22.77	22.81	22.83		
20	QPSK	50	0	21.81	21.88	21.84	23	1
20	QPSK	50	24	21.81	21.85	21.78		
20	QPSK	50	50	21.72	21.87	21.73		
20	QPSK	100	0	21.78	21.86	21.85		
20	16QAM	1	0	21.83	21.86	21.88	23	1
20	16QAM	1	49	21.91	21.90	21.84		
20	16QAM	1	99	21.80	21.88	21.75		
20	16QAM	50	0	20.85	20.86	20.87	22	2
20	16QAM	50	24	20.80	20.80	20.86		
20	16QAM	50	50	20.79	20.84	20.87		
20	16QAM	100	0	20.84	20.87	20.75		
20	64QAM	1	0	20.77	20.90	20.79	22	2
20	64QAM	1	49	20.80	20.82	20.78		
20	64QAM	1	99	20.80	20.84	20.74		
20	64QAM	50	0	19.84	19.92	19.77	21	3
20	64QAM	50	24	19.86	19.89	19.77		
20	64QAM	50	50	19.79	19.84	19.75		
20	64QAM	100	0	19.75	19.87	19.78		
20	256QAM	1	0	17.79	17.87	17.71	19	5
20	256QAM	1	49	17.69	17.76	17.73		
20	256QAM	1	99	17.87	17.79	17.78		
20	256QAM	50	0	17.85	17.86	17.84	19	5
20	256QAM	50	24	17.81	17.81	17.80		
20	256QAM	50	50	17.75	17.92	17.84		
20	256QAM	100	0	17.79	17.80	17.84		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.72	22.80	22.84	24	0
15	QPSK	1	37	22.72	22.72	22.66		
15	QPSK	1	74	22.80	22.82	22.82		
15	QPSK	36	0	21.79	21.86	21.77	23	1
15	QPSK	36	20	21.82	21.84	21.68		
15	QPSK	36	39	21.76	21.80	21.64		
15	QPSK	75	0	21.80	21.76	21.76		
15	16QAM	1	0	21.78	21.79	21.76	23	1
15	16QAM	1	37	21.85	21.77	21.82		
15	16QAM	1	74	21.72	21.81	21.73		
15	16QAM	36	0	20.79	20.78	20.86	22	2
15	16QAM	36	20	20.68	20.76	20.73		
15	16QAM	36	39	20.64	20.76	20.80		
15	16QAM	75	0	20.77	20.87	20.72		
15	64QAM	1	0	20.72	20.79	20.69	22	2
15	64QAM	1	37	20.75	20.72	20.79		
15	64QAM	1	74	20.66	20.81	20.74		
15	64QAM	36	0	19.83	19.83	19.74	21	3
15	64QAM	36	20	19.78	19.83	19.68		
15	64QAM	36	39	19.72	19.84	19.79		
15	64QAM	75	0	19.78	19.73	19.62		
15	256QAM	1	0	17.79	17.76	17.76	19	5
15	256QAM	1	37	17.68	17.79	17.71		
15	256QAM	1	74	17.73	17.78	17.79		
15	256QAM	36	0	17.84	17.80	17.78	19	5
15	256QAM	36	20	17.67	17.85	17.68		
15	256QAM	36	39	17.70	17.76	17.71		
15	256QAM	75	0	17.75	17.83	17.77		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.74	22.83	22.78	24	0
10	QPSK	1	25	22.69	22.74	22.69		
10	QPSK	1	49	22.75	22.81	22.72		
10	QPSK	25	0	21.80	21.83	21.87	23	1
10	QPSK	25	12	21.75	21.78	21.69		
10	QPSK	25	25	21.69	21.80	21.71		
10	QPSK	50	0	21.84	21.76	21.77		
10	16QAM	1	0	21.75	21.84	21.80	23	1
10	16QAM	1	25	21.82	21.79	21.79		
10	16QAM	1	49	21.71	21.81	21.67		
10	16QAM	25	0	20.77	20.79	20.75	22	2
10	16QAM	25	12	20.67	20.75	20.81		
10	16QAM	25	25	20.67	20.73	20.78		
10	16QAM	50	0	20.76	20.77	20.76		
10	64QAM	1	0	20.80	20.87	20.75	22	2
10	64QAM	1	25	20.71	20.72	20.74		
10	64QAM	1	49	20.74	20.81	20.66		
10	64QAM	25	0	19.82	19.90	19.76	21	3
10	64QAM	25	12	19.82	19.75	19.74		
10	64QAM	25	25	19.71	19.76	19.68		
10	64QAM	50	0	19.71	19.76	19.69		
10	256QAM	1	0	17.73	17.80	17.69	19	5
10	256QAM	1	25	17.71	17.76	17.65		
10	256QAM	1	49	17.75	17.74	17.68		
10	256QAM	25	0	17.89	17.89	17.82	19	5
10	256QAM	25	12	17.77	17.83	17.76		
10	256QAM	25	25	17.73	17.84	17.69		
10	256QAM	50	0	17.73	17.84	17.73		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.79	22.84	22.74	24	0
5	QPSK	1	12	22.73	22.73	22.66		
5	QPSK	1	24	22.73	22.73	22.77		
5	QPSK	12	0	21.77	21.82	21.83	23	1
5	QPSK	12	7	21.79	21.79	21.75		
5	QPSK	12	13	21.67	21.80	21.71		
5	QPSK	25	0	21.83	21.80	21.76		
5	16QAM	1	0	21.78	21.88	21.77	23	1
5	16QAM	1	12	21.79	21.81	21.84		
5	16QAM	1	24	21.67	21.82	21.69		
5	16QAM	12	0	20.80	20.78	20.80	22	2
5	16QAM	12	7	20.67	20.81	20.72		
5	16QAM	12	13	20.75	20.82	20.77		
5	16QAM	25	0	20.78	20.82	20.72		
5	64QAM	1	0	20.80	20.81	20.69	22	2
5	64QAM	1	12	20.70	20.81	20.71		
5	64QAM	1	24	20.71	20.81	20.77		
5	64QAM	12	0	19.88	19.80	19.76	21	3
5	64QAM	12	7	19.77	19.82	19.68		
5	64QAM	12	13	19.67	19.77	19.74		
5	64QAM	25	0	19.75	19.80	19.62		
5	256QAM	1	0	17.75	17.82	17.75	19	5
5	256QAM	1	12	17.71	17.81	17.65		
5	256QAM	1	24	17.77	17.85	17.76		
5	256QAM	12	0	17.85	17.78	17.80	19	5
5	256QAM	12	7	17.72	17.82	17.73		
5	256QAM	12	13	17.69	17.84	17.75		
5	256QAM	25	0	17.75	17.80	17.80		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.89	22.88	22.94	22.92	22.93	24	0
20	QPSK	1	49	22.75	22.81	22.79	22.83	22.77		
20	QPSK	1	99	22.78	22.82	22.89	22.80	22.87		
20	QPSK	50	0	21.84	21.83	21.91	21.88	21.89	23	1
20	QPSK	50	24	21.89	21.87	21.86	21.80	21.78		
20	QPSK	50	50	21.79	21.82	21.86	21.80	21.71		
20	QPSK	100	0	21.84	21.87	21.90	21.88	21.80		
20	16QAM	1	0	21.93	21.91	21.89	21.86	21.83	23	1
20	16QAM	1	49	21.87	21.86	21.93	21.91	21.87		
20	16QAM	1	99	21.77	21.73	21.83	21.85	21.76		
20	16QAM	50	0	20.79	20.79	20.89	20.87	20.87	22	2
20	16QAM	50	24	20.83	20.80	20.86	20.90	20.81		
20	16QAM	50	50	20.78	20.79	20.92	20.85	20.82		
20	16QAM	100	0	20.86	20.80	20.87	20.87	20.80		
20	64QAM	1	0	20.79	20.87	20.84	20.74	20.79	22	2
20	64QAM	1	49	20.74	20.75	20.83	20.83	20.79		
20	64QAM	1	99	20.74	20.82	20.85	20.86	20.78		
20	64QAM	50	0	19.94	19.92	19.93	19.82	19.85	21	3
20	64QAM	50	24	19.92	19.90	19.92	19.80	19.74		
20	64QAM	50	50	19.75	19.74	19.86	19.85	19.78		
20	64QAM	100	0	19.83	19.84	19.85	19.71	19.72		
20	256QAM	1	0	17.78	17.82	17.82	17.81	17.81	19	5
20	256QAM	1	49	17.74	17.71	17.89	17.72	17.71		
20	256QAM	1	99	17.80	17.82	17.92	17.86	17.76		
20	256QAM	50	0	17.95	17.93	17.94	17.94	17.85	19	5
20	256QAM	50	24	17.84	17.76	17.89	17.80	17.83		
20	256QAM	50	50	17.76	17.75	17.94	17.81	17.82		
20	256QAM	100	0	17.81	17.83	17.90	17.88	17.80		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.75	22.82	22.78	22.84	22.75	24	0
15	QPSK	1	37	22.73	22.78	22.75	22.73	22.73		
15	QPSK	1	74	22.69	22.72	22.84	22.73	22.74		
15	QPSK	36	0	21.82	21.74	21.79	21.84	21.82	23	1
15	QPSK	36	20	21.78	21.75	21.78	21.71	21.78		
15	QPSK	36	39	21.72	21.72	21.79	21.69	21.64		
15	QPSK	75	0	21.81	21.79	21.75	21.75	21.69		
15	16QAM	1	0	21.78	21.81	21.85	21.82	21.82	23	1
15	16QAM	1	37	21.79	21.77	21.82	21.76	21.85		
15	16QAM	1	74	21.75	21.75	21.76	21.75	21.66		
15	16QAM	36	0	20.77	20.72	20.79	20.77	20.82	22	2
15	16QAM	36	20	20.74	20.72	20.83	20.80	20.76		
15	16QAM	36	39	20.75	20.67	20.79	20.77	20.74		
15	16QAM	75	0	20.76	20.79	20.82	20.74	20.69		
15	64QAM	1	0	20.75	20.70	20.86	20.74	20.67	22	2
15	64QAM	1	37	20.65	20.74	20.76	20.69	20.79		
15	64QAM	1	74	20.71	20.67	20.70	20.78	20.73		
15	64QAM	36	0	19.83	19.87	19.89	19.79	19.78	21	3
15	64QAM	36	20	19.85	19.84	19.81	19.69	19.66		
15	64QAM	36	39	19.72	19.68	19.83	19.72	19.78		
15	64QAM	75	0	19.79	19.73	19.75	19.63	19.67		
15	256QAM	1	0	17.71	17.72	17.80	17.75	17.72	19	5
15	256QAM	1	37	17.64	17.63	17.69	17.67	17.62		
15	256QAM	1	74	17.78	17.75	17.74	17.74	17.75		
15	256QAM	36	0	17.87	17.84	17.83	17.86	17.78	19	5
15	256QAM	36	20	17.76	17.72	17.77	17.68	17.70		
15	256QAM	36	39	17.77	17.68	17.77	17.77	17.75		
15	256QAM	75	0	17.64	17.71	17.80	17.73	17.77		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.76	22.73	22.87	22.78	22.78	24	0
10	QPSK	1	25	22.70	22.69	22.78	22.67	22.76		
10	QPSK	1	49	22.71	22.69	22.78	22.71	22.76		
10	QPSK	25	0	21.75	21.73	21.82	21.77	21.82	23	1
10	QPSK	25	12	21.83	21.82	21.78	21.74	21.77		
10	QPSK	25	25	21.73	21.68	21.81	21.64	21.62		
10	QPSK	50	0	21.80	21.80	21.75	21.71	21.74		
10	16QAM	1	0	21.77	21.80	21.90	21.78	21.81	23	1
10	16QAM	1	25	21.78	21.80	21.88	21.77	21.81		
10	16QAM	1	49	21.67	21.70	21.80	21.77	21.76		
10	16QAM	25	0	20.81	20.77	20.79	20.78	20.79	22	2
10	16QAM	25	12	20.72	20.66	20.73	20.78	20.82		
10	16QAM	25	25	20.74	20.70	20.75	20.71	20.70		
10	16QAM	50	0	20.81	20.75	20.87	20.79	20.72		
10	64QAM	1	0	20.82	20.71	20.83	20.75	20.77	22	2
10	64QAM	1	25	20.73	20.75	20.69	20.69	20.70		
10	64QAM	1	49	20.72	20.70	20.78	20.70	20.76		
10	64QAM	25	0	19.84	19.89	19.80	19.82	19.82	21	3
10	64QAM	25	12	19.81	19.76	19.77	19.76	19.70		
10	64QAM	25	25	19.71	19.65	19.77	19.75	19.72		
10	64QAM	50	0	19.69	19.73	19.76	19.71	19.70		
10	256QAM	1	0	17.79	17.82	17.73	17.66	17.75	19	5
10	256QAM	1	25	17.72	17.70	17.80	17.62	17.63		
10	256QAM	1	49	17.72	17.78	17.80	17.77	17.78		
10	256QAM	25	0	17.78	17.86	17.90	17.82	17.84	19	5
10	256QAM	25	12	17.68	17.78	17.82	17.67	17.76		
10	256QAM	25	25	17.75	17.76	17.82	17.78	17.71		
10	256QAM	50	0	17.74	17.68	17.74	17.81	17.73		
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	22.76	22.80	22.82	22.80	22.79	24	0
5	QPSK	1	12	22.74	22.67	22.75	22.65	22.73		
5	QPSK	1	24	22.71	22.75	22.76	22.77	22.74		
5	QPSK	12	0	21.73	21.80	21.80	21.84	21.83	23	1
5	QPSK	12	7	21.83	21.80	21.75	21.73	21.79		
5	QPSK	12	13	21.65	21.69	21.82	21.64	21.73		
5	QPSK	25	0	21.74	21.83	21.78	21.74	21.76		
5	16QAM	1	0	21.79	21.81	21.89	21.78	21.81	23	1
5	16QAM	1	12	21.75	21.84	21.82	21.78	21.86		
5	16QAM	1	24	21.64	21.68	21.74	21.72	21.68		
5	16QAM	12	0	20.71	20.71	20.80	20.78	20.80	22	2
5	16QAM	12	7	20.73	20.71	20.76	20.70	20.75		
5	16QAM	12	13	20.66	20.71	20.74	20.75	20.80		
5	16QAM	25	0	20.80	20.76	20.75	20.78	20.75		
5	64QAM	1	0	20.78	20.72	20.76	20.70	20.71	22	2
5	64QAM	1	12	20.73	20.71	20.77	20.76	20.79		
5	64QAM	1	24	20.69	20.74	20.79	20.66	20.74		
5	64QAM	12	0	19.85	19.83	19.86	19.73	19.77	21	3
5	64QAM	12	7	19.78	19.78	19.82	19.67	19.71		
5	64QAM	12	13	19.68	19.73	19.75	19.73	19.79		
5	64QAM	25	0	19.74	19.69	19.78	19.66	19.73		
5	256QAM	1	0	17.82	17.74	17.73	17.68	17.69	19	5
5	256QAM	1	12	17.70	17.61	17.77	17.63	17.64		
5	256QAM	1	24	17.73	17.79	17.76	17.76	17.74		
5	256QAM	12	0	17.87	17.90	17.86	17.89	17.79	19	5
5	256QAM	12	7	17.73	17.78	17.80	17.75	17.76		
5	256QAM	12	13	17.79	17.76	17.76	17.74	17.80		
5	256QAM	25	0	17.74	17.71	17.82	17.79	17.77		

Band 2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.76	22.82	22.81	24	0
20	QPSK	1	49	22.70	22.74	22.71		
20	QPSK	1	99	22.73	22.78	22.81		
20	QPSK	50	0	21.76	21.76	21.76	23	1
20	QPSK	50	24	21.75	21.77	21.76		
20	QPSK	50	50	21.70	21.71	21.69		
20	QPSK	100	0	21.75	21.78	21.73		
20	16QAM	1	0	21.79	21.81	21.84	23	1
20	16QAM	1	49	21.75	21.79	21.86		
20	16QAM	1	99	21.63	21.81	21.71		
20	16QAM	50	0	20.81	20.89	20.76	22	2
20	16QAM	50	24	20.76	20.74	20.80		
20	16QAM	50	50	20.71	20.77	20.79		
20	16QAM	100	0	20.72	20.82	20.78		
20	64QAM	1	0	20.80	20.78	20.66	22	2
20	64QAM	1	49	20.66	20.79	20.74		
20	64QAM	1	99	20.67	20.80	20.70		
20	64QAM	50	0	19.88	19.90	19.71	21	3
20	64QAM	50	24	19.80	19.85	19.70		
20	64QAM	50	50	19.75	19.82	19.79		
20	64QAM	100	0	19.88	19.84	19.72		
20	256QAM	1	0	17.74	17.79	17.73	19	5
20	256QAM	1	49	17.64	17.74	17.65		
20	256QAM	1	99	17.74	17.81	17.75		
20	256QAM	50	0	17.86	17.87	17.86	19	5
20	256QAM	50	24	17.67	17.78	17.66		
20	256QAM	50	50	17.74	17.81	17.68		
20	256QAM	100	0	17.74	17.76	17.63		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.71	22.73	22.67	24	0
15	QPSK	1	37	22.60	22.70	22.63		
15	QPSK	1	74	22.68	22.75	22.73		
15	QPSK	36	0	21.71	21.73	21.81	23	1
15	QPSK	36	20	21.77	21.73	21.64		
15	QPSK	36	39	21.62	21.77	21.57		
15	QPSK	75	0	21.68	21.70	21.66		
15	16QAM	1	0	21.70	21.71	21.76	23	1
15	16QAM	1	37	21.75	21.72	21.70		
15	16QAM	1	74	21.65	21.68	21.67		
15	16QAM	36	0	20.72	20.80	20.72	22	2
15	16QAM	36	20	20.80	20.76	20.84		
15	16QAM	36	39	20.63	20.75	20.63		
15	64QAM	1	0	20.73	20.71	20.70	22	2
15	64QAM	1	0	20.71	20.73	20.62		
15	64QAM	1	37	20.65	20.64	20.63		
15	64QAM	1	74	20.69	20.68	20.62		
15	64QAM	36	0	19.77	19.73	19.74	21	3
15	64QAM	36	20	19.75	19.72	19.62		
15	64QAM	36	39	19.68	19.77	19.62		
15	64QAM	75	0	19.64	19.71	19.66		
15	256QAM	1	0	17.75	17.74	17.66	19	5
15	256QAM	1	37	17.64	17.70	17.56		
15	256QAM	1	74	17.77	17.70	17.62		
15	256QAM	36	0	17.79	17.78	17.77	19	5
15	256QAM	36	20	17.62	17.69	17.72		
15	256QAM	36	39	17.69	17.71	17.69		
15	256QAM	75	0	17.68	17.68	17.74		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.69	22.71	22.78	24	0
10	QPSK	1	25	22.67	22.72	22.63		
10	QPSK	1	49	22.73	22.76	22.69		
10	QPSK	25	0	21.75	21.82	21.80	23	1
10	QPSK	25	12	21.78	21.71	21.64		
10	QPSK	25	25	21.61	21.70	21.65		
10	QPSK	50	0	21.76	21.75	21.69		
10	16QAM	1	0	21.74	21.73	21.73	23	1
10	16QAM	1	25	21.78	21.73	21.75		
10	16QAM	1	49	21.60	21.68	21.68		
10	16QAM	25	0	20.69	20.80	20.70	22	2
10	16QAM	25	12	20.69	20.73	20.68		
10	16QAM	25	25	20.66	20.72	20.68		
10	16QAM	50	0	20.76	20.70	20.73		
10	64QAM	1	0	20.75	20.70	20.59	22	2
10	64QAM	1	25	20.68	20.67	20.68		
10	64QAM	1	49	20.63	20.76	20.69		
10	64QAM	25	0	19.71	19.79	19.76	21	3
10	64QAM	25	12	19.73	19.71	19.66		
10	64QAM	25	25	19.66	19.75	19.72		
10	64QAM	50	0	19.69	19.77	19.59		
10	256QAM	1	0	17.67	17.70	17.63	19	5
10	256QAM	1	25	17.64	17.70	17.62		
10	256QAM	1	49	17.70	17.75	17.73		
10	256QAM	25	0	17.72	17.73	17.77	19	5
10	256QAM	25	12	17.65	17.70	17.62		
10	256QAM	25	25	17.68	17.80	17.66		
10	256QAM	50	0	17.58	17.72	17.70		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.74	22.72	22.71	24	0
5	QPSK	1	12	22.68	22.69	22.60		
5	QPSK	1	24	22.74	22.67	22.70		
5	QPSK	12	0	21.67	21.75	21.78	23	1
5	QPSK	12	7	21.77	21.73	21.65		
5	QPSK	12	13	21.71	21.71	21.67		
5	QPSK	25	0	21.77	21.72	21.66		
5	16QAM	1	0	21.74	21.80	21.70	23	1
5	16QAM	1	12	21.77	21.70	21.73		
5	16QAM	1	24	21.65	21.71	21.62		
5	16QAM	12	0	20.75	20.80	20.79	22	2
5	16QAM	12	7	20.61	20.69	20.65		
5	16QAM	12	13	20.65	20.76	20.66		
5	16QAM	25	0	20.70	20.75	20.70		
5	64QAM	1	0	20.64	20.70	20.61	22	2
5	64QAM	1	12	20.66	20.73	20.73		
5	64QAM	1	24	20.68	20.69	20.71		
5	64QAM	12	0	19.77	19.75	19.72	21	3
5	64QAM	12	7	19.70	19.81	19.68		
5	64QAM	12	13	19.61	19.72	19.70		
5	64QAM	25	0	19.67	19.65	19.60		
5	256QAM	1	0	17.67	17.67	17.62	19	5
5	256QAM	1	12	17.57	17.64	17.60		
5	256QAM	1	24	17.67	17.78	17.66		
5	256QAM	12	0	17.82	17.77	17.80	19	5
5	256QAM	12	7	17.70	17.74	17.60		
5	256QAM	12	13	17.69	17.72	17.71		
5	256QAM	25	0	17.64	17.74	17.68		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.76	22.80	22.71	24	0
3	QPSK	1	8	22.68	22.65	22.68		
3	QPSK	1	14	22.67	22.77	22.68		
3	QPSK	8	0	21.68	21.76	21.81	23	1
3	QPSK	8	4	21.78	21.75	21.73		
3	QPSK	8	7	21.65	21.73	21.60		
3	QPSK	15	0	21.76	21.76	21.71		
3	16QAM	1	0	21.72	21.75	21.68	23	1
3	16QAM	1	8	21.72	21.73	21.75		
3	16QAM	1	14	21.59	21.70	21.70		
3	16QAM	8	0	20.75	20.72	20.74	22	2
3	16QAM	8	4	20.59	20.73	20.71		
3	16QAM	8	7	20.65	20.70	20.72		
3	16QAM	15	0	20.76	20.74	20.69		
3	64QAM	1	0	20.67	20.72	20.65	22	2
3	64QAM	1	8	20.62	20.74	20.71		
3	64QAM	1	14	20.62	20.69	20.64		
3	64QAM	8	0	19.75	19.78	19.66	21	3
3	64QAM	8	4	19.77	19.76	19.62		
3	64QAM	8	7	19.65	19.76	19.72		
3	64QAM	15	0	19.70	19.72	19.58		
3	256QAM	1	0	17.70	17.67	17.63	19	5
3	256QAM	1	8	17.60	17.74	17.58		
3	256QAM	1	14	17.69	17.73	17.71		
3	256QAM	8	0	17.74	17.74	17.77	19	5
3	256QAM	8	4	17.63	17.75	17.70		
3	256QAM	8	7	17.62	17.76	17.65		
3	256QAM	15	0	17.69	17.67	17.69		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.72	22.76	22.61	24	0
1.4	QPSK	1	3	22.58	22.73	22.57		
1.4	QPSK	1	5	22.64	22.62	22.60		
1.4	QPSK	3	0	22.69	22.63	22.68		
1.4	QPSK	3	1	22.56	22.63	22.54		
1.4	QPSK	3	3	22.52	22.63	22.66		
1.4	QPSK	6	0	21.60	21.74	21.71	23	1
1.4	16QAM	1	0	21.68	21.65	21.65	23	1
1.4	16QAM	1	3	21.55	21.61	21.51		
1.4	16QAM	1	5	21.55	21.64	21.61		
1.4	16QAM	3	0	21.59	21.74	21.65		
1.4	16QAM	3	1	21.66	21.65	21.79		
1.4	16QAM	3	3	21.52	21.67	21.53		
1.4	16QAM	6	0	20.60	20.68	20.68	22	2
1.4	64QAM	1	0	20.55	20.58	20.63	22	2
1.4	64QAM	1	3	20.61	20.66	20.68		
1.4	64QAM	1	5	20.68	20.62	20.68		
1.4	64QAM	3	0	20.70	20.68	20.50		
1.4	64QAM	3	1	20.57	20.60	20.64		
1.4	64QAM	3	3	20.59	20.63	20.68		
1.4	64QAM	6	0	19.61	19.72	19.66	21	3
1.4	256QAM	1	0	17.66	17.66	17.54	19	5
1.4	256QAM	1	3	17.60	17.65	17.42		
1.4	256QAM	1	5	17.65	17.67	17.54		
1.4	256QAM	3	0	17.75	17.62	17.69		
1.4	256QAM	3	1	17.61	17.65	17.60		
1.4	256QAM	3	3	17.66	17.66	17.63		
1.4	256QAM	6	0	17.55	17.67	17.59	19	5

Band 4 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.71	22.75	22.72	24	0
20	QPSK	1	49	22.69	22.71	22.65		
20	QPSK	1	99	22.72	22.67	22.73		
20	QPSK	50	0	21.71	21.74	21.73	23	1
20	QPSK	50	24	21.67	21.72	21.73		
20	QPSK	50	50	21.62	21.67	21.65		
20	QPSK	100	0	21.72	21.73	21.69		
20	16QAM	1	0	21.80	21.82	21.77	23	1
20	16QAM	1	49	21.80	21.82	21.77		
20	16QAM	1	99	21.64	21.71	21.61		
20	16QAM	50	0	20.73	20.81	20.79	22	2
20	16QAM	50	24	20.63	20.68	20.69		
20	16QAM	50	50	20.58	20.78	20.64		
20	16QAM	100	0	20.67	20.76	20.65		
20	64QAM	1	0	20.65	20.76	20.61	22	2
20	64QAM	1	49	20.59	20.75	20.65		
20	64QAM	1	99	20.60	20.65	20.61		
20	64QAM	50	0	19.75	19.77	19.67	21	3
20	64QAM	50	24	19.73	19.72	19.70		
20	64QAM	50	50	19.66	19.70	19.63		
20	64QAM	100	0	19.71	19.75	19.65		
20	256QAM	1	0	17.72	17.72	17.69	19	5
20	256QAM	1	49	17.65	17.65	17.57		
20	256QAM	1	99	17.66	17.75	17.71		
20	256QAM	50	0	17.76	17.77	17.79	19	5
20	256QAM	50	24	17.70	17.68	17.68		
20	256QAM	50	50	17.73	17.76	17.71		
20	256QAM	100	0	17.63	17.75	17.71		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.62	22.72	22.70	24	0
15	QPSK	1	37	22.56	22.70	22.60		
15	QPSK	1	74	22.62	22.62	22.68		
15	QPSK	36	0	21.67	21.76	21.74	23	1
15	QPSK	36	20	21.69	21.68	21.63		
15	QPSK	36	39	21.57	21.61	21.53		
15	QPSK	75	0	21.62	21.68	21.67		
15	16QAM	1	0	21.63	21.71	21.67	23	1
15	16QAM	1	37	21.73	21.75	21.70		
15	16QAM	1	74	21.53	21.65	21.62		
15	16QAM	36	0	20.66	20.68	20.62	22	2
15	16QAM	36	20	20.81	20.90	20.89		
15	16QAM	36	39	20.54	20.70	20.62		
15	64QAM	75	0	20.69	20.74	20.60	22	2
15	64QAM	1	0	20.59	20.72	20.53		
15	64QAM	1	37	20.65	20.60	20.63		
15	64QAM	1	74	20.58	20.68	20.59		
15	64QAM	36	0	19.76	19.66	19.61	21	3
15	64QAM	36	20	19.73	19.71	19.57		
15	64QAM	36	39	19.62	19.79	19.64		
15	64QAM	75	0	19.57	19.68	19.51		
15	256QAM	1	0	17.64	17.65	17.54	19	5
15	256QAM	1	37	17.57	17.63	17.57		
15	256QAM	1	74	17.68	17.67	17.65		
15	256QAM	36	0	17.66	17.66	17.77	19	5
15	256QAM	36	20	17.65	17.63	17.64		
15	256QAM	36	39	17.64	17.74	17.67		
15	256QAM	75	0	17.61	17.72	17.70		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.63	22.63	22.67	24	0
10	QPSK	1	25	22.58	22.65	22.58		
10	QPSK	1	49	22.59	22.66	22.62		
10	QPSK	25	0	21.69	21.72	21.73	23	1
10	QPSK	25	12	21.66	21.64	21.61		
10	QPSK	25	25	21.54	21.70	21.56		
10	QPSK	50	0	21.69	21.67	21.66		
10	16QAM	1	0	21.69	21.71	21.66	23	1
10	16QAM	1	25	21.73	21.72	21.69		
10	16QAM	1	49	21.51	21.73	21.62		
10	16QAM	25	0	20.62	20.72	20.71	22	2
10	16QAM	25	12	20.54	20.65	20.70		
10	16QAM	25	25	20.53	20.68	20.59		
10	16QAM	50	0	20.60	20.65	20.61		
10	64QAM	1	0	20.75	20.67	20.60	22	2
10	64QAM	1	25	20.64	20.61	20.58		
10	64QAM	1	49	20.57	20.66	20.65		
10	64QAM	25	0	19.72	19.71	19.68	21	3
10	64QAM	25	12	19.66	19.68	19.57		
10	64QAM	25	25	19.57	19.73	19.57		
10	64QAM	50	0	19.63	19.61	19.50		
10	256QAM	1	0	17.61	17.59	17.53	19	5
10	256QAM	1	25	17.52	17.65	17.51		
10	256QAM	1	49	17.67	17.69	17.60		
10	256QAM	25	0	17.78	17.77	17.68	19	5
10	256QAM	25	12	17.56	17.68	17.61		
10	256QAM	25	25	17.67	17.71	17.64		
10	256QAM	50	0	17.59	17.61	17.66		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.61	22.73	22.63	24	0
5	QPSK	1	12	22.58	22.71	22.56		
5	QPSK	1	24	22.64	22.63	22.58		
5	QPSK	12	0	21.66	21.74	21.64	23	1
5	QPSK	12	7	21.66	21.68	21.64		
5	QPSK	12	13	21.60	21.61	21.56		
5	QPSK	25	0	21.70	21.71	21.64		
5	16QAM	1	0	21.66	21.74	21.63	23	1
5	16QAM	1	12	21.70	21.76	21.74		
5	16QAM	1	24	21.65	21.63	21.63		
5	16QAM	12	0	20.60	20.70	20.67	22	2
5	16QAM	12	7	20.60	20.63	20.61		
5	16QAM	12	13	20.64	20.69	20.66		
5	16QAM	25	0	20.65	20.63	20.68		
5	64QAM	1	0	20.63	20.71	20.63	22	2
5	64QAM	1	12	20.58	20.58	20.61		
5	64QAM	1	24	20.52	20.59	20.61		
5	64QAM	12	0	19.77	19.77	19.60	21	3
5	64QAM	12	7	19.74	19.74	19.60		
5	64QAM	12	13	19.53	19.72	19.59		
5	64QAM	25	0	19.62	19.71	19.55		
5	256QAM	1	0	17.62	17.71	17.63	19	5
5	256QAM	1	12	17.52	17.66	17.50		
5	256QAM	1	24	17.69	17.64	17.65		
5	256QAM	12	0	17.68	17.77	17.66	19	5
5	256QAM	12	7	17.60	17.66	17.66		
5	256QAM	12	13	17.63	17.71	17.59		
5	256QAM	25	0	17.54	17.63	17.62		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.68	22.71	22.68	24	0
3	QPSK	1	8	22.60	22.61	22.60		
3	QPSK	1	14	22.58	22.68	22.61		
3	QPSK	8	0	21.63	21.66	21.68	23	1
3	QPSK	8	4	21.73	21.65	21.63		
3	QPSK	8	7	21.58	21.70	21.59		
3	QPSK	15	0	21.67	21.68	21.69		
3	16QAM	1	0	21.65	21.68	21.64	23	1
3	16QAM	1	8	21.71	21.75	21.68		
3	16QAM	1	14	21.58	21.62	21.60		
3	16QAM	8	0	20.61	20.66	20.70	22	2
3	16QAM	8	4	20.59	20.61	20.62		
3	16QAM	8	7	20.57	20.63	20.63		
3	16QAM	15	0	20.64	20.63	20.68		
3	64QAM	1	0	20.63	20.64	20.64	22	2
3	64QAM	1	8	20.61	20.61	20.61		
3	64QAM	1	14	20.52	20.60	20.59		
3	64QAM	8	0	19.66	19.76	19.62	21	3
3	64QAM	8	4	19.73	19.69	19.57		
3	64QAM	8	7	19.59	19.71	19.60		
3	64QAM	15	0	19.59	19.59	19.58		
3	256QAM	1	0	17.66	17.67	17.55	19	5
3	256QAM	1	8	17.58	17.60	17.57		
3	256QAM	1	14	17.68	17.66	17.57		
3	256QAM	8	0	17.77	17.72	17.65	19	5
3	256QAM	8	4	17.58	17.69	17.61		
3	256QAM	8	7	17.62	17.72	17.65		
3	256QAM	15	0	17.52	17.73	17.68		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.63	22.63	22.53	24	0
1.4	QPSK	1	3	22.44	22.66	22.47		
1.4	QPSK	1	5	22.63	22.59	22.58		
1.4	QPSK	3	0	22.66	22.51	22.69		
1.4	QPSK	3	1	22.52	22.57	22.50		
1.4	QPSK	3	3	22.53	22.60	22.63		
1.4	QPSK	6	0	21.56	21.73	21.57	23	1
1.4	16QAM	1	0	21.65	21.58	21.51	23	1
1.4	16QAM	1	3	21.50	21.60	21.47		
1.4	16QAM	1	5	21.57	21.63	21.57		
1.4	16QAM	3	0	21.62	21.68	21.57		
1.4	16QAM	3	1	21.64	21.58	21.65		
1.4	16QAM	3	3	21.39	21.56	21.49		
1.4	16QAM	6	0	20.60	20.66	20.65	22	2
1.4	64QAM	1	0	20.52	20.59	20.57	22	2
1.4	64QAM	1	3	20.56	20.56	20.61		
1.4	64QAM	1	5	20.61	20.60	20.62		
1.4	64QAM	3	0	20.60	20.64	20.49		
1.4	64QAM	3	1	20.63	20.49	20.60		
1.4	64QAM	3	3	20.53	20.52	20.62		
1.4	64QAM	6	0	19.60	19.57	19.58	21	3
1.4	256QAM	1	0	17.53	17.56	17.59	19	5
1.4	256QAM	1	3	17.52	17.65	17.38		
1.4	256QAM	1	5	17.64	17.71	17.45		
1.4	256QAM	3	0	17.68	17.59	17.69		
1.4	256QAM	3	1	17.55	17.56	17.46		
1.4	256QAM	3	3	17.54	17.69	17.64		
1.4	256QAM	6	0	17.50	17.62	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.61	23.67	23.56	24	0
20	QPSK	1	49	23.50	23.59	23.48		
20	QPSK	1	99	23.49	23.55	23.52		
20	QPSK	50	0	22.59	22.64	22.61	23	1
20	QPSK	50	24	22.59	22.52	22.46		
20	QPSK	50	50	22.48	22.58	22.51		
20	QPSK	100	0	22.54	22.62	22.55		
20	16QAM	1	0	22.63	22.56	22.59	23	1
20	16QAM	1	49	22.59	22.59	22.56		
20	16QAM	1	99	22.48	22.57	22.51		
20	16QAM	50	0	21.51	21.62	21.55	22	2
20	16QAM	50	24	21.53	21.57	21.49		
20	16QAM	50	50	21.47	21.51	21.50		
20	16QAM	100	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.55	23.58	23.52	24	0
20	QPSK	1	49	23.47	23.50	23.37		
20	QPSK	1	99	23.49	23.53	23.43		
20	QPSK	50	0	22.52	22.56	22.54	23	1
20	QPSK	50	24	22.54	22.49	22.45		
20	QPSK	50	50	22.37	22.52	22.42		
20	QPSK	100	0	22.47	22.53	22.49		
20	16QAM	1	0	22.49	22.61	22.49	23	1
20	16QAM	1	49	22.50	22.52	22.54		
20	16QAM	1	99	22.37	22.46	22.42		
20	16QAM	50	0	21.44	21.58	21.46	22	2
20	16QAM	50	24	21.42	21.49	21.50		
20	16QAM	50	50	21.41	21.48	21.49		
20	16QAM	100	0	21.54	21.55	21.51		
20	64QAM	1	0	21.45	21.54	21.41	22	2
20	64QAM	1	49	21.40	21.47	21.39		
20	64QAM	1	99	21.36	21.45	21.44		
20	64QAM	50	0	20.48	20.51	20.45	21	3
20	64QAM	50	24	20.49	20.57	20.41		
20	64QAM	50	50	20.42	20.53	20.50		
20	64QAM	100	0	20.46	20.52	20.42		
20	256QAM	1	0	18.45	18.45	18.45	19	5
20	256QAM	1	49	18.34	18.44	18.38		
20	256QAM	1	99	18.53	18.56	18.40		
20	256QAM	50	0	18.49	18.60	18.48	19	5
20	256QAM	50	24	18.42	18.47	18.43		
20	256QAM	50	50	18.39	18.49	18.50		
20	256QAM	100	0	18.42	18.54	18.51		
Channel				37625	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.42	23.46	23.40	24	0
15	QPSK	1	37	23.33	23.48	23.38		
15	QPSK	1	74	23.40	23.47	23.41		
15	QPSK	36	0	22.47	22.53	22.42	23	1
15	QPSK	36	20	22.48	22.49	22.37		
15	QPSK	36	39	22.42	22.44	22.38		
15	QPSK	75	0	22.47	22.41	22.47		
15	16QAM	1	0	22.45	22.46	22.47	23	1
15	16QAM	1	37	22.40	22.51	22.41		
15	16QAM	1	74	22.39	22.43	22.35		
15	16QAM	36	0	21.36	21.55	21.52	22	2
15	16QAM	36	20	21.36	21.41	21.40		
15	16QAM	36	39	21.33	21.42	21.44		
15	16QAM	75	0	21.44	21.53	21.42		
15	64QAM	1	0	21.39	21.52	21.33	22	2
15	64QAM	1	37	21.38	21.45	21.36		
15	64QAM	1	74	21.40	21.39	21.41		
15	64QAM	36	0	20.46	20.48	20.41	21	3
15	64QAM	36	20	20.51	20.43	20.42		
15	64QAM	36	39	20.37	20.43	20.35		
15	64QAM	75	0	20.39	20.43	20.28		
15	256QAM	1	0	18.45	18.42	18.36	19	5
15	256QAM	1	37	18.37	18.46	18.33		
15	256QAM	1	74	18.41	18.43	18.34		
15	256QAM	36	0	18.47	18.48	18.43	19	5
15	256QAM	36	20	18.43	18.42	18.35		
15	256QAM	36	39	18.34	18.46	18.44		
15	256QAM	75	0	18.38	18.48	18.45		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.38	23.44	23.40	24	0
10	QPSK	1	25	23.37	23.42	23.38		
10	QPSK	1	49	23.40	23.48	23.42		
10	QPSK	25	0	22.39	22.48	22.49	23	1
10	QPSK	25	12	22.50	22.41	22.42		
10	QPSK	25	25	22.32	22.40	22.32		
10	QPSK	50	0	22.46	22.51	22.43		
10	16QAM	1	0	22.50	22.48	22.41	23	1
10	16QAM	1	25	22.40	22.44	22.45		
10	16QAM	1	49	22.29	22.40	22.41		
10	16QAM	25	0	21.43	21.54	21.42	22	2
10	16QAM	25	12	21.33	21.44	21.47		
10	16QAM	25	25	21.39	21.47	21.42		
10	16QAM	50	0	21.48	21.48	21.44		
10	64QAM	1	0	21.38	21.48	21.43	22	2
10	64QAM	1	25	21.42	21.41	21.40		
10	64QAM	1	49	21.32	21.45	21.35		
10	64QAM	25	0	20.45	20.50	20.46	21	3
10	64QAM	25	12	20.47	20.45	20.32		
10	64QAM	25	25	20.43	20.48	20.37		
10	64QAM	50	0	20.37	20.48	20.34		
10	256QAM	1	0	18.38	18.39	18.36	19	5
10	256QAM	1	25	18.31	18.39	18.28		
10	256QAM	1	49	18.40	18.50	18.45		
10	256QAM	25	0	18.48	18.52	18.53	19	5
10	256QAM	25	12	18.40	18.46	18.39		
10	256QAM	25	25	18.36	18.52	18.37		
10	256QAM	50	0	18.39	18.44	18.45		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.48	23.46	23.39	24	0
5	QPSK	1	12	23.35	23.39	23.34		
5	QPSK	1	24	23.45	23.45	23.42		
5	QPSK	12	0	22.39	22.44	22.51	23	1
5	QPSK	12	7	22.52	22.43	22.42		
5	QPSK	12	13	22.38	22.44	22.37		
5	QPSK	25	0	22.46	22.49	22.36		
5	16QAM	1	0	22.47	22.48	22.39	23	1
5	16QAM	1	12	22.45	22.53	22.48		
5	16QAM	1	24	22.41	22.42	22.36		
5	16QAM	12	0	21.45	21.52	21.42	22	2
5	16QAM	12	7	21.41	21.38	21.47		
5	16QAM	12	13	21.37	21.40	21.43		
5	16QAM	25	0	21.42	21.46	21.40		
5	64QAM	1	0	21.45	21.49	21.39	22	2
5	64QAM	1	12	21.38	21.45	21.35		
5	64QAM	1	24	21.37	21.38	21.35		
5	64QAM	12	0	20.53	20.50	20.46	21	3
5	64QAM	12	7	20.51	20.48	20.35		
5	64QAM	12	13	20.38	20.48	20.37		
5	64QAM	25	0	20.40	20.48	20.37		
5	256QAM	1	0	18.48	18.46	18.35	19	5
5	256QAM	1	12	18.37	18.35	18.36		
5	256QAM	1	24	18.48	18.41	18.42		
5	256QAM	12	0	18.51	18.53	18.49	19	5
5	256QAM	12	7	18.34	18.47	18.39		
5	256QAM	12	13	18.40	18.52	18.44		
5	256QAM	25	0	18.32	18.39	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	23.57	23.58	23.64	23.60	23.62	24	0
20	QPSK	1	49	23.49	23.45	23.51	23.49	23.50		
20	QPSK	1	99	23.52	23.45	23.51	23.49	23.55		
20	QPSK	50	0	22.55	22.58	22.63	22.57	22.53	23	1
20	QPSK	50	24	22.61	22.61	22.55	22.46	22.50		
20	QPSK	50	50	22.46	22.42	22.57	22.43	22.46		
20	QPSK	100	0	22.59	22.53	22.61	22.51	22.49		
20	16QAM	1	0	22.60	22.58	22.64	22.58	22.53	23	1
20	16QAM	1	49	22.59	22.53	22.56	22.51	22.60		
20	16QAM	1	99	22.45	22.38	22.51	22.40	22.47		
20	16QAM	50	0	21.54	21.53	21.54	21.51	21.58	22	2
20	16QAM	50	24	21.45	21.48	21.58	21.54	21.49		
20	16QAM	50	50	21.50	21.51	21.55	21.47	21.51		
20	16QAM	100	0	21.52	21.55	21.59	21.52	21.51		
20	64QAM	1	0	21.47	21.51	21.52	21.40	21.50	22	2
20	64QAM	1	49	21.41	21.46	21.44	21.47	21.44		
20	64QAM	1	99	21.45	21.39	21.46	21.47	21.51		
20	64QAM	50	0	20.58	20.57	20.61	20.53	20.56	21	3
20	64QAM	50	24	20.52	20.53	20.51	20.47	20.49		
20	64QAM	50	50	20.46	20.42	20.49	20.47	20.52		
20	64QAM	100	0	20.53	20.48	20.49	20.43	20.37		
20	256QAM	1	0	18.49	18.48	18.47	18.42	18.48	19	5
20	256QAM	1	49	18.44	18.48	18.51	18.40	18.41		
20	256QAM	1	99	18.56	18.58	18.53	18.47	18.44		
20	256QAM	50	0	18.57	18.57	18.63	18.53	18.59	19	5
20	256QAM	50	24	18.43	18.51	18.55	18.49	18.53		
20	256QAM	50	50	18.43	18.45	18.58	18.46	18.49		
20	256QAM	100	0	18.41	18.48	18.50	18.58	18.52		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.46	23.43	23.45	23.42	23.48	24	0
15	QPSK	1	37	23.35	23.35	23.42	23.32	23.38		
15	QPSK	1	74	23.47	23.40	23.44	23.36	23.46		
15	QPSK	36	0	22.40	22.48	22.48	22.50	22.53	23	1
15	QPSK	36	20	22.46	22.41	22.52	22.35	22.38		
15	QPSK	36	39	22.32	22.39	22.45	22.39	22.38		
15	QPSK	75	0	22.42	22.40	22.45	22.43	22.40		
15	16QAM	1	0	22.51	22.52	22.47	22.45	22.44	23	1
15	16QAM	1	37	22.47	22.46	22.51	22.47	22.45		
15	16QAM	1	74	22.33	22.34	22.44	22.43	22.38		
15	16QAM	36	0	21.37	21.46	21.49	21.51	21.42	22	2
15	16QAM	36	20	21.34	21.34	21.43	21.44	21.46		
15	16QAM	36	39	21.39	21.33	21.46	21.36	21.36		
15	16QAM	75	0	21.48	21.49	21.43	21.37	21.41		
15	64QAM	1	0	21.46	21.48	21.47	21.32	21.32	22	2
15	64QAM	1	37	21.34	21.41	21.40	21.38	21.39		
15	64QAM	1	74	21.32	21.40	21.43	21.35	21.40		
15	64QAM	36	0	20.49	20.54	20.51	20.40	20.37	21	3
15	64QAM	36	20	20.46	20.43	20.44	20.35	20.36		
15	64QAM	36	39	20.41	20.39	20.52	20.35	20.37		
15	64QAM	75	0	20.40	20.46	20.41	20.39	20.29		
15	256QAM	1	0	18.47	18.37	18.42	18.38	18.40	19	5
15	256QAM	1	37	18.39	18.32	18.39	18.28	18.35		
15	256QAM	1	74	18.49	18.38	18.50	18.44	18.42		
15	256QAM	36	0	18.49	18.55	18.48	18.44	18.47	19	5
15	256QAM	36	20	18.42	18.37	18.40	18.43	18.33		
15	256QAM	36	39	18.36	18.43	18.47	18.40	18.35		
15	256QAM	75	0	18.38	18.34	18.47	18.40	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	23.37	23.46	23.53	23.49	23.46	24	0
10	QPSK	1	25	23.42	23.42	23.44	23.34	23.32		
10	QPSK	1	49	23.44	23.37	23.41	23.39	23.43		
10	QPSK	25	0	22.44	22.43	22.48	22.51	22.43	23	1
10	QPSK	25	12	22.44	22.46	22.48	22.44	22.44		
10	QPSK	25	25	22.38	22.33	22.48	22.33	22.38		
10	QPSK	50	0	22.46	22.47	22.46	22.42	22.40		
10	16QAM	1	0	22.50	22.45	22.55	22.39	22.48	23	1
10	16QAM	1	25	22.43	22.49	22.45	22.44	22.47		
10	16QAM	1	49	22.40	22.37	22.40	22.38	22.34		
10	16QAM	25	0	21.39	21.46	21.50	21.46	21.43	22	2
10	16QAM	25	12	21.42	21.33	21.39	21.46	21.41		
10	16QAM	25	25	21.37	21.31	21.49	21.46	21.44		
10	16QAM	50	0	21.46	21.44	21.48	21.37	21.45		
10	64QAM	1	0	21.47	21.47	21.49	21.33	21.41	22	2
10	64QAM	1	25	21.36	21.37	21.46	21.38	21.39		
10	64QAM	1	49	21.34	21.30	21.46	21.42	21.38		
10	64QAM	25	0	20.51	20.50	20.45	20.37	20.43	21	3
10	64QAM	25	12	20.51	20.52	20.52	20.37	20.38		
10	64QAM	25	25	20.33	20.31	20.52	20.37	20.42		
10	64QAM	50	0	20.37	20.35	20.40	20.34	20.36		
10	256QAM	1	0	18.46	18.46	18.44	18.35	18.33	19	5
10	256QAM	1	25	18.28	18.32	18.41	18.33	18.30		
10	256QAM	1	49	18.49	18.47	18.50	18.40	18.42		
10	256QAM	25	0	18.52	18.51	18.48	18.47	18.51	19	5
10	256QAM	25	12	18.34	18.34	18.47	18.34	18.38		
10	256QAM	25	25	18.38	18.44	18.50	18.41	18.41		
10	256QAM	50	0	18.40	18.41	18.50	18.44	18.47		
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	23.47	23.47	23.47	23.48	23.43	24	0
5	QPSK	1	12	23.33	23.38	23.42	23.39	23.42		
5	QPSK	1	24	23.42	23.42	23.41	23.39	23.44		
5	QPSK	12	0	22.47	22.40	22.53	22.51	22.48	23	1
5	QPSK	12	7	22.44	22.45	22.48	22.40	22.34		
5	QPSK	12	13	22.34	22.36	22.45	22.30	22.37		
5	QPSK	25	0	22.40	22.45	22.51	22.41	22.40		
5	16QAM	1	0	22.41	22.44	22.56	22.50	22.42	23	1
5	16QAM	1	12	22.47	22.50	22.52	22.49	22.45		
5	16QAM	1	24	22.34	22.31	22.48	22.34	22.43		
5	16QAM	12	0	21.43	21.47	21.45	21.44	21.42	22	2
5	16QAM	12	7	21.31	21.31	21.41	21.37	21.41		
5	16QAM	12	13	21.37	21.36	21.50	21.39	21.39		
5	16QAM	25	0	21.47	21.49	21.53	21.39	21.45		
5	64QAM	1	0	21.48	21.42	21.48	21.33	21.37	22	2
5	64QAM	1	12	21.36	21.37	21.38	21.45	21.41		
5	64QAM	1	24	21.30	21.34	21.43	21.40	21.37		
5	64QAM	12	0	20.50	20.45	20.48	20.45	20.41	21	3
5	64QAM	12	7	20.46	20.47	20.48	20.34	20.36		
5	64QAM	12	13	20.35	20.42	20.45	20.44	20.34		
5	64QAM	25	0	20.40	20.39	20.40	20.36	20.36		
5	256QAM	1	0	18.47	18.39	18.38	18.34	18.36	19	5
5	256QAM	1	12	18.28	18.38	18.41	18.35	18.33		
5	256QAM	1	24	18.48	18.40	18.39	18.35	18.39		
5	256QAM	12	0	18.48	18.48	18.45	18.49	18.45	19	5
5	256QAM	12	7	18.35	18.44	18.47	18.34	18.40		
5	256QAM	12	13	18.42	18.37	18.48	18.45	18.42		
5	256QAM	25	0	18.38	18.40	18.48	18.50	18.39		

Reduced Power Mode for ECI2_Other PA

Band 2 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	21.89	21.93	21.91		
20	QPSK	1	49	21.84	21.89	21.82	23	0
20	QPSK	1	99	21.87	21.91	21.88		
20	QPSK	50	0	20.88	20.95	20.94		
20	QPSK	50	24	20.92	20.92	20.86	22	1
20	QPSK	50	50	20.83	20.91	20.80		
20	QPSK	100	0	20.90	20.93	20.87		
20	16QAM	1	0	20.92	20.97	20.91		
20	16QAM	1	49	20.92	20.94	20.93	22	1
20	16QAM	1	99	20.81	20.91	20.83		
20	16QAM	50	0	19.88	19.95	19.92		
20	16QAM	50	24	19.82	19.89	19.88	21	2
20	16QAM	50	50	19.82	19.91	19.87		
20	16QAM	100	0	19.90	19.93	19.86		
20	64QAM	1	0	19.88	19.93	19.83		
20	64QAM	1	49	19.83	19.91	19.89	21	2
20	64QAM	1	99	19.81	19.88	19.84		
20	64QAM	50	0	18.95	18.96	18.88		
20	64QAM	50	24	18.93	18.93	18.83	20	3
20	64QAM	50	50	18.83	18.92	18.86		
20	64QAM	100	0	18.86	18.89	18.79		
20	256QAM	1	0	16.88	16.89	16.83		
20	256QAM	1	49	16.79	16.87	16.78	18	5
20	256QAM	1	99	16.90	16.91	16.85		
20	256QAM	50	0	16.96	16.96	16.95		
20	256QAM	50	24	16.85	16.92	16.84	18	5
20	256QAM	50	50	16.85	16.93	16.86		
20	256QAM	100	0	16.82	16.91	16.90		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.76	21.84	21.81		
15	QPSK	1	37	21.78	21.88	21.80	23	0
15	QPSK	1	74	21.82	21.84	21.79		
15	QPSK	36	0	20.76	20.93	20.92		
15	QPSK	36	20	20.86	20.84	20.74	22	1
15	QPSK	36	39	20.73	20.79	20.68		
15	QPSK	75	0	20.88	20.89	20.79		
15	16QAM	1	0	20.80	20.86	20.80		
15	16QAM	1	37	20.82	20.83	20.82	22	1
15	16QAM	1	74	20.77	20.85	20.72		
15	16QAM	36	0	19.86	19.84	19.87		
15	16QAM	36	20	19.70	19.79	19.78	21	2
15	16QAM	36	39	19.72	19.81	19.79		
15	16QAM	75	0	19.86	19.89	19.76		
15	64QAM	1	0	19.78	19.86	19.78		
15	64QAM	1	37	19.80	19.81	19.84	21	2
15	64QAM	1	74	19.72	19.76	19.80		
15	64QAM	36	0	18.92	18.86	18.81		
15	64QAM	36	20	18.89	18.83	18.79	20	3
15	64QAM	36	39	18.71	18.86	18.84		
15	64QAM	75	0	18.77	18.86	18.72		
15	256QAM	1	0	16.83	16.78	16.79		
15	256QAM	1	37	16.75	16.81	16.73	18	5
15	256QAM	1	74	16.86	16.82	16.74		
15	256QAM	36	0	16.89	16.88	16.93		
15	256QAM	36	20	16.73	16.90	16.73	18	5
15	256QAM	36	39	16.77	16.91	16.84		
15	256QAM	75	0	16.75	16.85	16.80		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.86	21.82	21.83		
10	QPSK	1	25	21.83	21.79	21.79	23	0
10	QPSK	1	49	21.80	21.79	21.79		
10	QPSK	25	0	20.87	20.85	20.88		
10	QPSK	25	12	20.80	20.80	20.77	22	1
10	QPSK	25	25	20.76	20.79	20.70		
10	QPSK	50	0	20.86	20.81	20.80		
10	16QAM	1	0	20.84	20.88	20.81		
10	16QAM	1	25	20.84	20.86	20.90	22	1
10	16QAM	1	49	20.74	20.79	20.77		
10	16QAM	25	0	19.79	19.86	19.91		
10	16QAM	25	12	19.76	19.79	19.79	21	2
10	16QAM	25	25	19.74	19.82	19.86		
10	16QAM	50	0	19.78	19.85	19.84		
10	64QAM	1	0	19.76	19.88	19.75		
10	64QAM	1	25	19.81	19.85	19.74	21	2
10	64QAM	1	49	19.79	19.77	19.78		
10	64QAM	25	0	18.90	18.95	18.87		
10	64QAM	25	12	18.83	18.84	18.73	20	3
10	64QAM	25	25	18.78	18.87	18.74		
10	64QAM	50	0	18.78	18.87	18.71		
10	256QAM	1	0	16.86	16.81	16.79		
10	256QAM	1	25	16.74	16.74	16.75	18	5
10	256QAM	1	49	16.85	16.83	16.81		
10	256QAM	25	0	16.94	16.86	16.91		
10	256QAM	25	12	16.73	16.82	16.80	18	5
10	256QAM	25	25	16.72	16.84	16.75		
10	256QAM	50	0	16.70	16.88	16.79		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.82	21.91	21.80		
5	QPSK	1	12	21.80	21.82	21.78	23	0
5	QPSK	1	24	21.79	21.81	21.78		
5	QPSK	12	0	20.84	20.86	20.91		
5	QPSK	12	7	20.86	20.87	20.80	22	1
5	QPSK	12	13	20.77	20.86	20.69		
5	QPSK	25	0	20.79	20.83	20.86		
5	16QAM	1	0	20.88	20.87	20.84		
5	16QAM	1	12	20.81	20.92	20.84	22	1
5	16QAM	1	24	20.76	20.83	20.77		
5	16QAM	12	0	19.80	19.83	19.81		
5	16QAM	12	7	19.74	19.82	19.80	21	2
5	16QAM	12	13	19.78	19.90	19.74		
5	16QAM	25	0	19.78	19.86	19.77		
5	64QAM	1	0	19.78	19.89	19.82		
5	64QAM	1	12	19.71	19.77	19.78	21	2
5	64QAM	1	24	19.72	19.85	19.80		
5	64QAM	12	0	18.85	18.89	18.82		
5	64QAM	12	7	18.81	18.84	18.73	20	3
5	64QAM	12	13	18.77	18.87	18.83		
5	64QAM	25	0	18.82	18.82	18.68		
5	256QAM	1	0	16.78	16.85	16.72		
5	256QAM	1	12	16.71	16.76	16.67	18	5
5	256QAM	1	24	16.85	16.88	16.79		
5	256QAM	12	0	16.84	16.87	16.87		
5	256QAM	12	7	16.80	16.85	16.74	18	5
5	256QAM	12	13	16.82	16.81	16.83		
5	256QAM	25	0	16.79	16.88	16.77		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.87	21.81	21.87		
3	QPSK	1	8	21.73	21.77	21.69	23	0
3	QPSK	1	14	21.79	21.90	21.86		
3	QPSK	8	0	20.86	20.94	20.86		
3	QPSK	8	4	20.81	20.83	20.76	22	1
3	QPSK	8	7	20.75	20.86	20.69		
3	QPSK	15	0	20.86	20.91	20.83		
3	16QAM	1	0	20.89	20.93	20.90		
3	16QAM	1	8	20.88	20.90	20.80	22	1
3	16QAM	1	14	20.70	20.83	20.76		
3	16QAM	8	0	19.83	19.91	19.91		
3	16QAM	8	4	19.80	19.79	19.84	21	2
3	16QAM	8	7	19.76	19.81	19.78		
3	16QAM	15	0	19.83	19.84	19.77		
3	64QAM	1	0	19.87	19.92	19.81		
3	64QAM	1	8	19.81	19.81	19.75	21	2
3	64QAM	1	14	19.72	19.82	19.81		
3	64QAM	8	0	18.85	18.92	18.80		
3	64QAM	8	4	18.84	18.86	18.72	20	3
3	64QAM	8	7	18.79	18.87	18.80		
3	64QAM	15	0	18.82	18.81	18.67		
3	256QAM	1	0	16.79	16.80	16.75		
3	256QAM	1	8	16.71	16.81	16.66	18	5
3	256QAM	1	14	16.79	16.80	16.73		
3	256QAM	8	0	16.90	16.89	16.85		
3	256QAM	8	4	16.80	16.81	16.76	18	5
3	256QAM	8	7	16.80	16.84	16.81		
3	256QAM	15	0	16.78	16.82	16.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.87	21.91	21.79		
1.4	QPSK	1	3	21.73	21.88	21.77		
1.4	QPSK	1	5	21.84	21.85	21.79	23	0
1.4	QPSK	3	0	21.86	21.80	21.87		
1.4	QPSK	3	1	21.71	21.79	21.71		
1.4	QPSK	3	3	21.75	21.87	21.85		
1.4	QPSK	6	0	20.75	20.94	20.84	22	1
1.4	16QAM	1	0	20.87	20.86	20.81		
1.4	16QAM	1	3	20.76	20.81	20.69		
1.4	16QAM	1	5	20.78	20.84	20.77	22	1
1.4	16QAM	3	0	20.81	20.89	20.86		
1.4	16QAM	3	1	20.88	20.86	20.92		
1.4	16QAM	3	3	20.69	20.83	20.71		
1.4	16QAM	6	0	19.84	19.92	19.89	21	2
1.4	64QAM	1	0	19.76	19.80	19.81		
1.4	64QAM	1	3	19.79	19.86	19.81		
1.4	64QAM	1	5	19.88	19.84	19.82	21	2
1.4	64QAM	3	0	19.83	19.90	19.74		
1.4	64QAM	3	1	19.81	19.74	19.85		
1.4	64QAM	3	3	19.77	19.77	19.81		
1.4	64QAM	6	0	18.84	18.87	18.79	20	3
1.4	256QAM	1	0	16.82	16.85	16.77		
1.4	256QAM	1	3	16.72	16.85	16.66		
1.4	256QAM	1	5	16.82	16.89	16.74	18	5
1.4	256QAM	3	0	16.87	16.83	16.91		
1.4	256QAM	3	1	16.78	16.83	16.75		
1.4	256QAM	3	3	16.78	16.90	16.83		
1.4	256QAM	6	0	16.78	16.90	16.78	18	5

Band 4 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.91	21.95	21.93		
20	QPSK	1	49	21.89	21.84	21.85	23	0
20	QPSK	1	99	21.90	21.90	21.83		
20	QPSK	50	0	20.93	20.97	20.96		
20	QPSK	50	24	20.92	20.89	20.81	22	1
20	QPSK	50	50	20.87	20.87	20.80		
20	QPSK	100	0	20.89	20.93	20.87		
20	16QAM	1	0	20.92	20.94	20.96		
20	16QAM	1	49	20.91	20.94	20.96	22	1
20	16QAM	1	99	20.82	20.96	20.81		
20	16QAM	50	0	19.94	19.94	19.88		
20	16QAM	50	24	19.77	19.94	19.93	21	2
20	16QAM	50	50	19.88	19.96	19.88		
20	16QAM	100	0	19.88	19.95	19.91		
20	64QAM	1	0	19.90	19.93	19.81		
20	64QAM	1	49	19.85	19.92	19.90	21	2
20	64QAM	1	99	19.83	19.92	19.80		
20	64QAM	50	0	18.98	18.93	18.90		
20	64QAM	50	24	18.94	18.98	18.80	20	3
20	64QAM	50	50	18.82	18.87	18.86		
20	64QAM	100	0	18.89	18.86	18.78		
20	256QAM	1	0	16.82	16.94	16.77		
20	256QAM	1	49	16.78	16.93	16.72	18	5
20	256QAM	1	99	16.92	16.99	16.90		
20	256QAM	50	0	16.91	16.90	16.99		
20	256QAM	50	24	16.86	16.97	16.79	18	5
20	256QAM	50	50	16.90	16.91	16.87		
20	256QAM	100	0	16.79	16.92	16.90		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.86	21.89	21.88		
15	QPSK	1	37	21.76	21.82	21.79	23	0
15	QPSK	1	74	21.79	21.80	21.82		
15	QPSK	36	0	20.86	20.88	20.93		
15	QPSK	36	20	20.87	20.88	20.74	22	1
15	QPSK	36	39	20.74	20.81	20.73		
15	QPSK	75	0	20.84	20.92	20.74		
15	16QAM	1	0	20.82	20.87	20.87		
15	16QAM	1	37	20.87	20.92	20.89	22	1
15	16QAM	1	74	20.71	20.84	20.72		
15	16QAM	36	0	19.86	19.88	19.88		
15	16QAM	36	20	19.80	19.78	19.79	21	2
15	16QAM	36	39	19.81	19.84	19.76		
15	16QAM	75	0	19.89	19.86	19.77		
15	64QAM	1	0	19.78	19.79	19.74		
15	64QAM	1	37	19.73	19.75	19.76	21	2
15	64QAM	1	74	19.71	19.81	19.75		
15	64QAM	36	0	18.92	18.90	18.86		
15	64QAM	36	20	18.89	18.83	18.74	20	3
15	64QAM	36	39	18.75	18.86	18.80		
15	64QAM	75	0	18.75	18.85	18.70		
15	256QAM	1	0	16.86	16.78	16.77		
15	256QAM	1	37	16.74	16.80	16.75	18	5
15	256QAM	1	74	16.77	16.84	16.74		
15	256QAM	36	0	16.90	16.87	16.94		
15	256QAM	36	20	16.82	16.89	16.75	18	5
15	256QAM	36	39	16.75	16.90	16.83		
15	256QAM	75	0	16.77	16.78	16.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.83	21.86	21.81		
10	QPSK	1	25	21.79	21.71	21.79	23	0
10	QPSK	1	49	21.79	21.80	21.79		
10	QPSK	25	0	20.83	20.92	20.88		
10	QPSK	25	12	20.81	20.82	20.82	22	1
10	QPSK	25	25	20.79	20.87	20.73		
10	QPSK	50	0	20.77	20.82	20.76		
10	16QAM	1	0	20.90	20.87	20.82		
10	16QAM	1	25	20.88	20.90	20.90	22	1
10	16QAM	1	49	20.77	20.86	20.72		
10	16QAM	25	0	19.84	19.89	19.83		
10	16QAM	25	12	19.69	19.83	19.87	21	2
10	16QAM	25	25	19.79	19.89	19.76		
10	16QAM	50	0	19.87	19.88	19.77		
10	64QAM	1	0	19.79	19.91	19.80		
10	64QAM	1	25	19.82	19.80	19.74	21	2
10	64QAM	1	49	19.69	19.76	19.75		
10	64QAM	25	0	18.91	18.88	18.77		
10	64QAM	25	12	18.90	18.83	18.80	20	3
10	64QAM	25	25	18.75	18.90	18.75		
10	64QAM	50	0	18.79	18.82	18.68		
10	256QAM	1	0	16.80	16.77	16.80		
10	256QAM	1	25	16.68	16.77	16.76	18	5
10	256QAM	1	49	16.82	16.83	16.79		
10	256QAM	25	0	16.88	16.93	16.91		
10	256QAM	25	12	16.78	16.87	16.78	18	5
10	256QAM	25	25	16.73	16.84	16.77		
10	256QAM	50	0	16.73	16.83	16.87		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.85	21.89	21.78		
5	QPSK	1	12	21.74	21.81	21.75	23	0
5	QPSK	1	24	21.86	21.85	21.77		
5	QPSK	12	0	20.85	20.89	20.81		
5	QPSK	12	7	20.84	20.92	20.73	22	1
5	QPSK	12	13	20.76	20.82	20.70		
5	QPSK	25	0	20.83	20.86	20.77		
5	16QAM	1	0	20.88	20.93	20.86		
5	16QAM	1	12	20.83	20.81	20.90	22	1
5	16QAM	1	24	20.78	20.89	20.74		
5	16QAM	12	0	19.83	19.84	19.88		
5	16QAM	12	7	19.76	19.79	19.78	21	2
5	16QAM	12	13	19.78	19.85	19.78		
5	16QAM	25	0	19.79	19.91	19.79		
5	64QAM	1	0	19.78	19.82	19.75		
5	64QAM	1	12	19.80	19.81	19.83	21	2
5	64QAM	1	24	19.80	19.80	19.81		
5	64QAM	12	0	18.86	18.89	18.86		
5	64QAM	12	7	18.89	18.81	18.77	20	3
5	64QAM	12	13	18.71	18.83	18.81		
5	64QAM	25	0	18.83	18.77	18.74		
5	256QAM	1	0	16.83	16.81	16.75		
5	256QAM	1	12	16.74	16.76	16.72	18	5
5	256QAM	1	24	16.84	16.79	16.83		
5	256QAM	12	0	16.87	16.86	16.82		
5	256QAM	12	7	16.81	16.75	16.75	18	5
5	256QAM	12	13	16.82	16.82	16.78		
5	256QAM	25	0	16.69	16.86	16.78		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.78	21.81	21.76		
3	QPSK	1	8	21.79	21.87	21.78	23	0
3	QPSK	1	14	21.77	21.85	21.81		
3	QPSK	8	0	20.79	20.87	20.85		
3	QPSK	8	4	20.83	20.82	20.82	22	1
3	QPSK	8	7	20.77	20.85	20.76		
3	QPSK	15	0	20.82	20.90	20.75		
3	16QAM	1	0	20.83	20.87	20.84		
3	16QAM	1	8	20.85	20.88	20.84	22	1
3	16QAM	1	14	20.69	20.88	20.79		
3	16QAM	8	0	19.80	19.88	19.88		
3	16QAM	8	4	19.73	19.79	19.77	21	2
3	16QAM	8	7	19.76	19.81	19.76		
3	16QAM	15	0	19.86	19.85	19.77		
3	64QAM	1	0	19.82	19.81	19.79		
3	64QAM	1	8	19.81	19.78	19.81	21	2
3	64QAM	1	14	19.71	19.79	19.79		
3	64QAM	8	0	18.93	18.88	18.76		
3	64QAM	8	4	18.88	18.92	18.75	20	3
3	64QAM	8	7	18.73	18.84	18.77		
3	64QAM	15	0	18.83	18.78	18.70		
3	256QAM	1	0	16.76	16.82	16.78		
3	256QAM	1	8	16.77	16.83	16.74	18	5
3	256QAM	1	14	16.83	16.88	16.83		
3	256QAM	8	0	16.89	16.90	16.83		
3	256QAM	8	4	16.78	16.90	16.73	18	5
3	256QAM	8	7	16.79	16.86	16.83		
3	256QAM	15	0	16.80	16.82	16.83		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.78	21.87	21.72		
1.4	QPSK	1	3	21.65	21.76	21.75		
1.4	QPSK	1	5	21.71	21.75	21.73	23	0
1.4	QPSK	3	0	21.75	21.68	21.74		
1.4	QPSK	3	1	21.65	21.69	21.67		
1.4	QPSK	3	3	21.70	21.78	21.79		
1.4	QPSK	6	0	20.68	20.90	20.81	22	1
1.4	16QAM	1	0	20.75	20.77	20.72		
1.4	16QAM	1	3	20.73	20.75	20.60		
1.4	16QAM	1	5	20.77	20.82	20.73	22	1
1.4	16QAM	3	0	20.69	20.79	20.78		
1.4	16QAM	3	1	20.79	20.76	20.68		
1.4	16QAM	3	3	20.68	20.77	20.67		
1.4	16QAM	6	0	19.73	19.84	19.85	21	2
1.4	64QAM	1	0	19.73	19.69	19.70		
1.4	64QAM	1	3	19.71	19.75	19.78		
1.4	64QAM	1	5	19.80	19.76	19.73	21	2
1.4	64QAM	3	0	19.76	19.85	19.65		
1.4	64QAM	3	1	19.74	19.72	19.75		
1.4	64QAM	3	3	19.72	19.69	19.75		
1.4	64QAM	6	0	18.83	18.81	18.76	20	3
1.4	256QAM	1	0	16.78	16.75	16.69		
1.4	256QAM	1	3	16.59	16.79	16.61		
1.4	256QAM	1	5	16.76	16.80	16.72	18	5
1.4	256QAM	3	0	16.77	16.71	16.81		
1.4	256QAM	3	1	16.76	16.72	16.65		
1.4	256QAM	3	3	16.73	16.89	16.72		
1.4	256QAM	6	0	16.74	16.88	16.66	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.91	22.98	22.95		
20	QPSK	1	49	22.89	22.86	22.86	24	0
20	QPSK	1	99	22.92	22.93	22.82		
20	QPSK	50	0	21.91	21.95	21.93		
20	QPSK	50	24	21.88	21.88	21.83	23	1
20	QPSK	50	50	21.81	21.87	21.75		
20	QPSK	100	0	21.89	21.93	21.87		
20	16QAM	1	0	21.93	21.98	21.95		
20	16QAM	1	49	21.87	21.99	21.94	23	1
20	16QAM	1	99	21.83	21.88	21.86		
20	16QAM	50	0	20.90	21.00	20.92		
20	16QAM	50	24	20.80	20.93	20.83	22	2
20	16QAM	50	50	20.83	20.93	20.83

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.83	22.90	22.87	24	0
20	QPSK	1	49	22.74	22.88	22.78		
20	QPSK	1	99	22.77	22.81	22.83		
20	QPSK	50	0	21.81	21.88	21.84	23	1
20	QPSK	50	24	21.81	21.85	21.78		
20	QPSK	50	50	21.72	21.87	21.73		
20	QPSK	100	0	21.78	21.86	21.85		
20	16QAM	1	0	21.83	21.86	21.88	23	1
20	16QAM	1	49	21.91	21.90	21.84		
20	16QAM	1	99	21.80	21.88	21.75		
20	16QAM	50	0	20.85	20.86	20.87	22	2
20	16QAM	50	24	20.80	20.80	20.86		
20	16QAM	50	50	20.79	20.84	20.87		
20	16QAM	100	0	20.84	20.87	20.75		
20	64QAM	1	0	20.77	20.90	20.79	22	2
20	64QAM	1	49	20.80	20.82	20.78		
20	64QAM	1	99	20.80	20.84	20.74		
20	64QAM	50	0	19.84	19.92	19.77	21	3
20	64QAM	50	24	19.86	19.89	19.77		
20	64QAM	50	50	19.79	19.84	19.75		
20	64QAM	100	0	19.75	19.87	19.78		
20	256QAM	1	0	17.79	17.87	17.71	19	5
20	256QAM	1	49	17.69	17.76	17.73		
20	256QAM	1	99	17.87	17.79	17.78		
20	256QAM	50	0	17.85	17.86	17.84	19	5
20	256QAM	50	24	17.81	17.81	17.80		
20	256QAM	50	50	17.75	17.92	17.84		
20	256QAM	100	0	17.79	17.80	17.84		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.72	22.80	22.84	24	0
15	QPSK	1	37	22.72	22.72	22.66		
15	QPSK	1	74	22.80	22.82	22.82		
15	QPSK	36	0	21.79	21.86	21.77	23	1
15	QPSK	36	20	21.82	21.84	21.68		
15	QPSK	36	39	21.76	21.80	21.64		
15	QPSK	75	0	21.80	21.76	21.76		
15	16QAM	1	0	21.78	21.79	21.76	23	1
15	16QAM	1	37	21.85	21.77	21.82		
15	16QAM	1	74	21.72	21.81	21.73		
15	16QAM	36	0	20.79	20.78	20.86	22	2
15	16QAM	36	20	20.68	20.76	20.73		
15	16QAM	36	39	20.64	20.76	20.80		
15	16QAM	75	0	20.77	20.87	20.72		
15	64QAM	1	0	20.72	20.79	20.69	22	2
15	64QAM	1	37	20.75	20.72	20.79		
15	64QAM	1	74	20.66	20.81	20.74		
15	64QAM	36	0	19.83	19.83	19.74	21	3
15	64QAM	36	20	19.78	19.83	19.68		
15	64QAM	36	39	19.72	19.84	19.79		
15	64QAM	75	0	19.78	19.73	19.62		
15	256QAM	1	0	17.79	17.76	17.76	19	5
15	256QAM	1	37	17.68	17.79	17.71		
15	256QAM	1	74	17.73	17.78	17.79		
15	256QAM	36	0	17.84	17.80	17.78	19	5
15	256QAM	36	20	17.67	17.85	17.68		
15	256QAM	36	39	17.70	17.76	17.71		
15	256QAM	75	0	17.75	17.83	17.77		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.74	22.83	22.78	24	0
10	QPSK	1	25	22.69	22.74	22.69		
10	QPSK	1	49	22.75	22.81	22.72		
10	QPSK	25	0	21.80	21.83	21.87	23	1
10	QPSK	25	12	21.75	21.78	21.69		
10	QPSK	25	25	21.69	21.80	21.71		
10	QPSK	50	0	21.84	21.76	21.77		
10	16QAM	1	0	21.75	21.84	21.80	23	1
10	16QAM	1	25	21.82	21.79	21.79		
10	16QAM	1	49	21.71	21.81	21.67		
10	16QAM	25	0	20.77	20.79	20.75	22	2
10	16QAM	25	12	20.67	20.75	20.81		
10	16QAM	25	25	20.67	20.73	20.78		
10	16QAM	50	0	20.76	20.77	20.76		
10	64QAM	1	0	20.80	20.87	20.75	22	2
10	64QAM	1	25	20.71	20.72	20.74		
10	64QAM	1	49	20.74	20.81	20.66		
10	64QAM	25	0	19.82	19.90	19.76	21	3
10	64QAM	25	12	19.82	19.75	19.74		
10	64QAM	25	25	19.71	19.76	19.68		
10	64QAM	50	0	19.71	19.76	19.69		
10	256QAM	1	0	17.73	17.80	17.69	19	5
10	256QAM	1	25	17.71	17.76	17.65		
10	256QAM	1	49	17.75	17.74	17.68		
10	256QAM	25	0	17.89	17.89	17.82	19	5
10	256QAM	25	12	17.77	17.83	17.76		
10	256QAM	25	25	17.73	17.84	17.69		
10	256QAM	50	0	17.73	17.84	17.73		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.79	22.84	22.74	24	0
5	QPSK	1	12	22.73	22.73	22.66		
5	QPSK	1	24	22.73	22.73	22.77		
5	QPSK	12	0	21.77	21.82	21.83	23	1
5	QPSK	12	7	21.79	21.79	21.75		
5	QPSK	12	13	21.67	21.80	21.71		
5	QPSK	25	0	21.83	21.80	21.76		
5	16QAM	1	0	21.78	21.88	21.77	23	1
5	16QAM	1	12	21.79	21.81	21.84		
5	16QAM	1	24	21.67	21.82	21.69		
5	16QAM	12	0	20.80	20.78	20.80	22	2
5	16QAM	12	7	20.67	20.81	20.72		
5	16QAM	12	13	20.75	20.82	20.77		
5	16QAM	25	0	20.78	20.82	20.72		
5	64QAM	1	0	20.80	20.81	20.69	22	2
5	64QAM	1	12	20.70	20.81	20.71		
5	64QAM	1	24	20.71	20.81	20.77		
5	64QAM	12	0	19.88	19.80	19.76	21	3
5	64QAM	12	7	19.77	19.82	19.68		
5	64QAM	12	13	19.67	19.77	19.74		
5	64QAM	25	0	19.75	19.80	19.62		
5	256QAM	1	0	17.75	17.82	17.75	19	5
5	256QAM	1	12	17.71	17.81	17.65		
5	256QAM	1	24	17.77	17.85	17.76		
5	256QAM	12	0	17.85	17.78	17.80	19	5
5	256QAM	12	7	17.72	17.82	17.73		
5	256QAM	12	13	17.69	17.84	17.75		
5	256QAM	25	0	17.75	17.80	17.80		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.89	22.88	22.94	22.92	22.93	24	0
20	QPSK	1	49	22.75	22.81	22.79	22.83	22.77		
20	QPSK	1	99	22.78	22.82	22.89	22.80	22.87		
20	QPSK	50	0	21.84	21.83	21.91	21.88	21.89	23	1
20	QPSK	50	24	21.89	21.87	21.86	21.80	21.78		
20	QPSK	50	50	21.79	21.82	21.86	21.80	21.71		
20	QPSK	100	0	21.84	21.87	21.90	21.88	21.80		
20	16QAM	1	0	21.93	21.91	21.89	21.86	21.83	23	1
20	16QAM	1	49	21.87	21.86	21.93	21.91	21.87		
20	16QAM	1	99	21.77	21.73	21.83	21.85	21.76		
20	16QAM	50	0	20.79	20.79	20.89	20.87	20.87	22	2
20	16QAM	50	24	20.83	20.80	20.86	20.90	20.81		
20	16QAM	50	50	20.78	20.79	20.92	20.85	20.82		
20	16QAM	100	0	20.86	20.80	20.87	20.87	20.80		
20	64QAM	1	0	20.79	20.87	20.84	20.74	20.79	22	2
20	64QAM	1	49	20.74	20.75	20.83	20.83	20.79		
20	64QAM	1	99	20.74	20.82	20.85	20.86	20.78		
20	64QAM	50	0	19.94	19.92	19.93	19.82	19.85	21	3
20	64QAM	50	24	19.92	19.90	19.92	19.80	19.74		
20	64QAM	50	50	19.75	19.74	19.86	19.85	19.78		
20	64QAM	100	0	19.83	19.84	19.85	19.71	19.72		
20	256QAM	1	0	17.78	17.82	17.82	17.81	17.81	19	5
20	256QAM	1	49	17.74	17.71	17.89	17.72	17.71		
20	256QAM	1	99	17.80	17.82	17.92	17.86	17.76		
20	256QAM	50	0	17.95	17.93	17.94	17.94	17.85	19	5
20	256QAM	50	24	17.84	17.76	17.89	17.80	17.83		
20	256QAM	50	50	17.76	17.75	17.94	17.81	17.82		
20	256QAM	100	0	17.81	17.83	17.90	17.88	17.80		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.75	22.82	22.78	22.84	22.75	24	0
15	QPSK	1	37	22.73	22.78	22.75	22.73	22.73		
15	QPSK	1	74	22.69	22.72	22.84	22.73	22.74		
15	QPSK	36	0	21.82	21.74	21.79	21.84	21.82	23	1
15	QPSK	36	20	21.78	21.75	21.78	21.71	21.78		
15	QPSK	36	39	21.72	21.72	21.79	21.69	21.64		
15	QPSK	75	0	21.81	21.79	21.75	21.75	21.69		
15	16QAM	1	0	21.78	21.81	21.85	21.82	21.82	23	1
15	16QAM	1	37	21.79	21.77	21.82	21.76	21.85		
15	16QAM	1	74	21.75	21.75	21.76	21.75	21.66		
15	16QAM	36	0	20.77	20.72	20.79	20.77	20.82	22	2
15	16QAM	36	20	20.74	20.72	20.83	20.80	20.76		
15	16QAM	36	39	20.75	20.67	20.79	20.77	20.74		
15	16QAM	75	0	20.76	20.79	20.82	20.74	20.69		
15	64QAM	1	0	20.75	20.70	20.86	20.74	20.67	22	2
15	64QAM	1	37	20.65	20.74	20.76	20.69	20.79		
15	64QAM	1	74	20.71	20.67	20.70	20.78	20.73		
15	64QAM	36	0	19.83	19.87	19.89	19.79	19.78	21	3
15	64QAM	36	20	19.85	19.84	19.81	19.69	19.66		
15	64QAM	36	39	19.72	19.68	19.83	19.72	19.78		
15	64QAM	75	0	19.79	19.73	19.75	19.63	19.67		
15	256QAM	1	0	17.71	17.72	17.80	17.75	17.72	19	5
15	256QAM	1	37	17.64	17.63	17.69	17.67	17.62		
15	256QAM	1	74	17.78	17.75	17.74	17.74	17.75		
15	256QAM	36	0	17.87	17.84	17.83	17.86	17.78	19	5
15	256QAM	36	20	17.76	17.72	17.77	17.68	17.70		
15	256QAM	36	39	17.77	17.68	17.77	17.77	17.75		
15	256QAM	75	0	17.64	17.71	17.80	17.73	17.77		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.76	22.73	22.87	22.78	22.78	24	0
10	QPSK	1	25	22.70	22.69	22.78	22.67	22.76		
10	QPSK	1	49	22.71	22.69	22.78	22.71	22.76		
10	QPSK	25	0	21.75	21.73	21.82	21.77	21.82	23	1
10	QPSK	25	12	21.83	21.82	21.78	21.74	21.77		
10	QPSK	25	25	21.73	21.68	21.81	21.64	21.62		
10	QPSK	50	0	21.80	21.80	21.75	21.71	21.74		
10	16QAM	1	0	21.77	21.80	21.90	21.78	21.81	23	1
10	16QAM	1	25	21.78	21.80	21.88	21.77	21.81		
10	16QAM	1	49	21.67	21.70	21.80	21.77	21.76		
10	16QAM	25	0	20.81	20.77	20.79	20.78	20.79	22	2
10	16QAM	25	12	20.72	20.66	20.73	20.78	20.82		
10	16QAM	25	25	20.74	20.70	20.75	20.71	20.70		
10	16QAM	50	0	20.81	20.75	20.87	20.79	20.72		
10	64QAM	1	0	20.82	20.71	20.83	20.75	20.77	22	2
10	64QAM	1	25	20.73	20.75	20.69	20.69	20.70		
10	64QAM	1	49	20.72	20.70	20.78	20.70	20.76		
10	64QAM	25	0	19.84	19.89	19.80	19.82	19.82	21	3
10	64QAM	25	12	19.81	19.76	19.77	19.76	19.70		
10	64QAM	25	25	19.71	19.65	19.77	19.75	19.72		
10	64QAM	50	0	19.69	19.73	19.76	19.71	19.70		
10	256QAM	1	0	17.79	17.82	17.73	17.66	17.75	19	5
10	256QAM	1	25	17.72	17.70	17.80	17.62	17.63		
10	256QAM	1	49	17.72	17.78	17.80	17.77	17.78		
10	256QAM	25	0	17.78	17.86	17.90	17.82	17.84	19	5
10	256QAM	25	12	17.68	17.78	17.82	17.67	17.76		
10	256QAM	25	25	17.75	17.76	17.82	17.78	17.71		
10	256QAM	50	0	17.74	17.68	17.74	17.81	17.73		
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	22.76	22.80	22.82	22.80	22.79	24	0
5	QPSK	1	12	22.74	22.67	22.75	22.65	22.73		
5	QPSK	1	24	22.71	22.75	22.76	22.77	22.74		
5	QPSK	12	0	21.73	21.80	21.80	21.84	21.83	23	1
5	QPSK	12	7	21.83	21.80	21.75	21.73	21.79		
5	QPSK	12	13	21.65	21.69	21.82	21.64	21.73		
5	QPSK	25	0	21.74	21.83	21.78	21.74	21.76		
5	16QAM	1	0	21.79	21.81	21.89	21.78	21.81	23	1
5	16QAM	1	12	21.75	21.84	21.82	21.78	21.86		
5	16QAM	1	24	21.64	21.68	21.74	21.72	21.68		
5	16QAM	12	0	20.71	20.71	20.80	20.78	20.80	22	2
5	16QAM	12	7	20.73	20.71	20.76	20.70	20.75		
5	16QAM	12	13	20.66	20.71	20.74	20.75	20.80		
5	16QAM	25	0	20.80	20.76	20.75	20.78	20.75		
5	64QAM	1	0	20.78	20.72	20.76	20.70	20.71	22	2
5	64QAM	1	12	20.73	20.71	20.77	20.76	20.79		
5	64QAM	1	24	20.69	20.74	20.79	20.66	20.74		
5	64QAM	12	0	19.85	19.83	19.86	19.73	19.77	21	3
5	64QAM	12	7	19.78	19.78	19.82	19.67	19.71		
5	64QAM	12	13	19.68	19.73	19.75	19.73	19.79		
5	64QAM	25	0	19.74	19.69	19.78	19.66	19.73		
5	256QAM	1	0	17.82	17.74	17.73	17.68	17.69	19	5
5	256QAM	1	12	17.70	17.61	17.77	17.63	17.64		
5	256QAM	1	24	17.73	17.79	17.76	17.76	17.74		
5	256QAM	12	0	17.87	17.90	17.86	17.89	17.79	19	5
5	256QAM	12	7	17.73	17.78	17.80	17.75	17.76		
5	256QAM	12	13	17.79	17.76	17.76	17.74	17.80		
5	256QAM	25	0	17.74	17.71	17.82	17.79	17.77		

Band 2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.23	18.33	18.22	19.5	0
20	QPSK	1	49	18.30	18.28	18.29		
20	QPSK	1	99	18.29	18.21	18.27		
20	QPSK	50	0	18.27	18.31	18.26	19.5	0
20	QPSK	50	24	18.26	18.28	18.26		
20	QPSK	50	50	18.26	18.21	18.25		
20	QPSK	100	0	18.22	18.27	18.25		
20	16QAM	1	0	18.21	18.23	18.31	19.5	0
20	16QAM	1	49	18.32	18.22	18.32		
20	16QAM	1	99	18.22	18.28	18.23		
20	16QAM	50	0	18.21	18.32	18.25	19.5	0
20	16QAM	50	24	18.21	18.29	18.29		
20	16QAM	50	50	18.28	18.29	18.29		
20	16QAM	100	0	18.24	18.32	18.28		
20	64QAM	1	0	18.25	18.17	18.21	19.5	0
20	64QAM	1	49	18.22	18.24	18.23		
20	64QAM	1	99	18.28	18.24	18.28		
20	64QAM	50	0	18.31	18.28	18.29	19.5	0
20	64QAM	50	24	18.23	18.23	18.23		
20	64QAM	50	50	18.26	18.27	18.21		
20	64QAM	100	0	18.31	18.32	18.26		
20	256QAM	1	0	17.74	17.79	17.73	19	0.5
20	256QAM	1	49	17.84	17.74	17.85		
20	256QAM	1	99	17.74	17.81	17.75		
20	256QAM	50	0	17.86	17.88	17.89	19	0.5
20	256QAM	50	24	17.67	17.78	17.66		
20	256QAM	50	50	17.74	17.81	17.68		
20	256QAM	100	0	17.74	17.76	17.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.15	18.14	18.16	19.5	0
15	QPSK	1	37	18.16	18.24	18.15		
15	QPSK	1	74	18.20	18.23	18.25		
15	QPSK	36	0	18.20	18.21	18.16	19.5	0
15	QPSK	36	20	18.24	18.20	18.25		
15	QPSK	36	39	18.25	18.19	18.17		
15	QPSK	75	0	18.23	18.22	18.26		
15	16QAM	1	0	18.16	18.20	18.17	19.5	0
15	16QAM	1	37	18.15	18.25	18.14		
15	16QAM	1	74	18.25	18.18	18.22		
15	16QAM	36	0	18.19	18.19	18.23	19.5	0
15	16QAM	36	20	18.24	18.26	18.18		
15	16QAM	36	39	18.26	18.21	18.23		
15	16QAM	75	0	18.21	18.19	18.17		
15	64QAM	1	0	18.16	18.19	18.15	19.5	0
15	64QAM	1	37	18.22	18.25	18.16		
15	64QAM	1	74	18.26	18.16	18.17		
15	64QAM	36	0	18.16	18.23	18.24	19.5	0
15	64QAM	36	20	18.25	18.18	18.16		
15	64QAM	36	39	18.25	18.21	18.19		
15	64QAM	75	0	18.25	18.19	18.19		
15	256QAM	1	0	17.75	17.74	17.66	19	0.5
15	256QAM	1	37	17.84	17.77	17.56		
15	256QAM	1	74	17.77	17.70	17.62		
15	256QAM	36	0	17.79	17.78	17.77	19	0.5
15	256QAM	36	20	17.62	17.69	17.72		
15	256QAM	36	39	17.69	17.71	17.69		
15	256QAM	75	0	17.69	17.68	17.74		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.17	18.16	18.22	19.5	0
10	QPSK	1	25	18.22	18.23	18.19		
10	QPSK	1	49	18.22	18.22	18.21		
10	QPSK	25	0	18.24	18.27	18.24	19.5	0
10	QPSK	25	12	18.25	18.24	18.23		
10	QPSK	25	25	18.24	18.23	18.20		
10	QPSK	50	0	18.14	18.22	18.18		
10	16QAM	1	0	18.18	18.25	18.20	19.5	0
10	16QAM	1	25	18.16	18.25	18.19		
10	16QAM	1	49	18.25	18.24	18.21		
10	16QAM	25	0	18.17	18.20	18.24	19.5	0
10	16QAM	25	12	18.23	18.20	18.19		
10	16QAM	25	25	18.16	18.18	18.20		
10	16QAM	50	0	18.20	18.20	18.22		
10	64QAM	1	0	18.16	18.19	18.18	19.5	0
10	64QAM	1	25	18.16	18.25	18.15		
10	64QAM	1	49	18.23	18.22	18.25		
10	64QAM	25	0	18.24	18.26	18.14	19.5	0
10	64QAM	25	12	18.22	18.15	18.21		
10	64QAM	25	25	18.20	18.18	18.23		
10	64QAM	50	0	18.23	18.21	18.19		
10	256QAM	1	0	17.67	17.70	17.63	19	0.5
10	256QAM	1	25	17.64	17.70	17.62		
10	256QAM	1	49	17.79	17.75	17.73		
10	256QAM	25	0	17.72	17.73	17.77	19	0.5
10	256QAM	25	12	17.65	17.70	17.62		
10	256QAM	25	25	17.61	17.80	17.66		
10	256QAM	50	0	17.58	17.77	17.70		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.22	18.23	18.16	19.5	0
5	QPSK	1	12	18.17	18.26	18.24		
5	QPSK	1	24	18.21	18.17	18.22		
5	QPSK	12	0	18.15	18.27	18.16	19.5	0
5	QPSK	12	7	18.16	18.21	18.19		
5	QPSK	12	13	18.25	18.25	18.14		
5	QPSK	25	0	18.22	18.24	18.26		
5	16QAM	1	0	18.20	18.18	18.15	19.5	0
5	16QAM	1	12	18.17	18.25	18.21		
5	16QAM	1	24	18.17	18.16	18.19		
5	16QAM	12	0	18.14	18.17	18.15	19.5	0
5	16QAM	12	7	18.15	18.23	18.14		
5	16QAM	12	13	18.20	18.18	18.23		
5	16QAM	25	0	18.18	18.24	18.15		
5	64QAM	1	0	18.18	18.23	18.25	19.5	0
5	64QAM	1	12	18.18	18.18	18.26		
5	64QAM	1	24	18.20	18.22	18.18		
5	64QAM	12	0	18.17	18.17	18.18	19.5	0
5	64QAM	12	7	18.17	18.25	18.26		
5	64QAM	12	13	18.18	18.18	18.18		
5	64QAM	25	0	18.23	18.26	18.24		
5	256QAM	1	0	17.69	17.76	17.62	19	0.5
5	256QAM	1	12	17.57	17.64	17.60		
5	256QAM	1	24	17.67	17.72	17.66		
5	256QAM	12	0	17.82	17.77	17.80	19	0.5
5	256QAM	12	7	17.70	17.74	17.60		
5	256QAM	12	13	17.69	17.76	17.71		
5	256QAM	25	0	17.94	17.77	17.88		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.19	18.25	18.22	19.5	0
3	QPSK	1	8	18.19	18.19	18.19		
3	QPSK	1	14	18.21	18.16	18.16		
3	QPSK	8	0	18.19	18.18	18.15	19.5	0
3	QPSK	8	4	18.19	18.16	18.14		
3	QPSK	8	7	18.21	18.16	18.16		
3	QPSK	15	0	18.19	18.27	18.20		
3	16QAM	1	0	18.25	18.24	18.23	19.5	0
3	16QAM	1	8	18.15	18.15	18.21		
3	16QAM	1	14	18.18	18.20	18.25		
3	16QAM	8	0	18.22	18.19	18.26	19.5	0
3	16QAM	8	4	18.24	18.16	18.18		
3	16QAM	8	7	18.20	18.26	18.21		
3	16QAM	15	0	18.24	18.25	18.16		
3	64QAM	1	0	18.18	18.22	18.24	19.5	0
3	64QAM	1	8	18.23	18.21	18.20		
3	64QAM	1	14	18.17	18.25	18.23		
3	64QAM	8	0	18.16	18.21	18.14	19.5	0
3	64QAM	8	4	18.23	18.21	18.22		
3	64QAM	8	7	18.14	18.16	18.17		
3	64QAM	15	0	18.15	18.16	18.26		
3	256QAM	1	0	17.70	17.67	17.63	19	0.5
3	256QAM	1	8	17.60	17.74	17.58		
3	256QAM	1	14	17.69	17.73	17.71		
3	256QAM	8	0	17.74	17.74	17.77	19	0.5
3	256QAM	8	4	17.63	17.75	17.70		
3	256QAM	8	7	17.62	17.76	17.65		
3	256QAM	15	0	17.69	17.67	17.69		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.24	18.20	18.17	19.5	0
1.4	QPSK	1	3	18.20	18.25	18.15		
1.4	QPSK	1	5	18.21	18.20	18.17		
1.4	QPSK	3	0	18.20	18.26	18.17		
1.4	QPSK	3	1	18.14	18.26	18.17		
1.4	QPSK	3	3	18.23	18.20	18.15		
1.4	QPSK	6	0	18.25	18.16	18.15	19.5	0
1.4	16QAM	1	0	18.15	18.21	18.21	19.5	0
1.4	16QAM	1	3	18.22	18.15	18.26		
1.4	16QAM	1	5	18.23	18.20	18.19		
1.4	16QAM	3	0	18.26	18.15	18.25		
1.4	16QAM	3	1	18.16	18.19	18.15		
1.4	16QAM	3	3	18.25	18.26	18.15		
1.4	16QAM	6	0	18.20	18.24	18.14	19.5	0
1.4	64QAM	1	0	18.22	18.24	18.21	19.5	0
1.4	64QAM	1	3	18.24	18.24	18.23		
1.4	64QAM	1	5	18.25	18.20	18.20		
1.4	64QAM	3	0	18.19	18.21	18.16		
1.4	64QAM	3	1	18.18	18.23	18.23		
1.4	64QAM	3	3	18.18	18.20	18.18		
1.4	64QAM	6	0	18.25	18.22	18.15	19.5	0
1.4	256QAM	1	0	17.66	17.66	17.54	19	0.5
1.4	256QAM	1	3	17.60	17.65	17.42		
1.4	256QAM	1	5	17.65	17.67	17.54		
1.4	256QAM	3	0	17.75	17.62	17.69		
1.4	256QAM	3	1	17.61	17.65	17.60		
1.4	256QAM	3	3	17.66	17.66	17.63		
1.4	256QAM	6	0	17.55	17.67	17.59	19	0.5

Band 4 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.18	19.24	19.14	20.5	0
20	QPSK	1	49	19.18	19.13	19.11		
20	QPSK	1	99	19.15	19.16	19.16		
20	QPSK	50	0	19.17	19.22	19.16	20.5	0
20	QPSK	50	24	19.14	19.12	19.17		
20	QPSK	50	50	19.14	19.17	19.13		
20	QPSK	100	0	19.16	19.19	19.17		
20	16QAM	1	0	19.20	19.19	19.10	20.5	0
20	16QAM	1	49	19.20	19.23	19.13		
20	16QAM	1	99	19.17	19.12	19.11		
20	16QAM	50	0	19.21	19.14	19.12	20.5	0
20	16QAM	50	24	19.16	19.16	19.16		
20	16QAM	50	50	19.12	19.21	19.11		
20	16QAM	100	0	19.19	19.18	19.18		
20	64QAM	1	0	19.14	19.18	19.18	20.5	0
20	64QAM	1	49	19.16	19.13	19.21		
20	64QAM	1	99	19.11	19.13	19.18		
20	64QAM	50	0	19.14	19.21	19.11	20.5	0
20	64QAM	50	24	19.11	19.12	19.23		
20	64QAM	50	50	19.09	19.11	19.15		
20	64QAM	100	0	19.20	19.22	19.12		
20	256QAM	1	0	17.72	17.72	17.69	19	1.5
20	256QAM	1	49	17.65	17.65	17.57		
20	256QAM	1	99	17.66	17.75	17.71		
20	256QAM	50	0	17.76	17.80	17.79	19	1.5
20	256QAM	50	24	17.70	17.68	17.68		
20	256QAM	50	50	17.73	17.76	17.71		
20	256QAM	100	0	17.63	17.75	17.71		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.11	19.17	19.16	20.5	0
15	QPSK	1	37	19.14	19.21	19.15		
15	QPSK	1	74	19.11	19.13	19.13		
15	QPSK	36	0	19.17	19.12	19.09	20.5	0
15	QPSK	36	20	19.16	19.16	19.20		
15	QPSK	36	39	19.09	19.11	19.15		
15	QPSK	75	0	19.17	19.18	19.11		
15	16QAM	1	0	19.12	19.13	19.19	20.5	0
15	16QAM	1	37	19.10	19.18	19.18		
15	16QAM	1	74	19.16	19.18	19.11		
15	16QAM	36	0	19.20	19.15	19.12	20.5	0
15	16QAM	36	20	19.09	19.12	19.18		
15	16QAM	36	39	19.14	19.14	19.12		
15	16QAM	75	0	19.15	19.13	19.21		
15	64QAM	1	0	19.20	19.19	19.10	20.5	0
15	64QAM	1	37	19.19	19.17	19.10		
15	64QAM	1	74	19.15	19.16	19.11		
15	64QAM	36	0	19.12	19.17	19.10	20.5	0
15	64QAM	36	20	19.11	19.17	19.09		
15	64QAM	36	39	19.20	19.19	19.20		
15	64QAM	75	0	19.21	19.22	19.10		
15	256QAM	1	0	17.64	17.65	17.54	19	1.5
15	256QAM	1	37	17.57	17.63	17.57		
15	256QAM	1	74	17.68	17.68	17.65		
15	256QAM	36	0	17.66	17.66	17.77	19	1.5
15	256QAM	36	20	17.65	17.63	17.64		
15	256QAM	36	39	17.64	17.74	17.67		
15	256QAM	75	0	17.61	17.72	17.70		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.18	19.20	19.11	20.5	0
10	QPSK	1	25	19.12	19.12	19.13		
10	QPSK	1	49	19.21	19.20	19.20		
10	QPSK	25	0	19.14	19.16	19.19	20.5	0
10	QPSK	25	12	19.11	19.15	19.15		
10	QPSK	25	25	19.17	19.22	19.15		
10	QPSK	50	0	19.11	19.17	19.13		
10	16QAM	1	0	19.21	19.21	19.13	20.5	0
10	16QAM	1	25	19.15	19.21	19.16		
10	16QAM	1	49	19.18	19.16	19.14		
10	16QAM	25	0	19.09	19.19	19.21	20.5	0
10	16QAM	25	12	19.16	19.14	19.15		
10	16QAM	25	25	19.15	19.21	19.14		
10	16QAM	50	0	19.12	19.22	19.12		
10	64QAM	1	0	19.10	19.19	19.09	20.5	0
10	64QAM	1	25	19.15	19.13	19.13		
10	64QAM	1	49	19.16	19.14	19.17		
10	64QAM	25	0	19.09	19.18	19.11	20.5	0
10	64QAM	25	12	19.18	19.14	19.10		
10	64QAM	25	25	19.10	19.16	19.19		
10	64QAM	50	0	19.16	19.12	19.20		
10	256QAM	1	0	17.61	17.59	17.53	19	1.5
10	256QAM	1	25	17.52	17.65	17.51		
10	256QAM	1	49	17.67	17.69	17.60		
10	256QAM	25	0	17.78	17.77	17.68	19	1.5
10	256QAM	25	12	17.56	17.68	17.61		
10	256QAM	25	25	17.67	17.71	17.64		
10	256QAM	50	0	17.59	17.71	17.66		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.21	19.22	19.14	20.5	0
5	QPSK	1	12	19.12	19.21	19.12		
5	QPSK	1	24	19.11	19.19	19.15		
5	QPSK	12	0	19.14	19.21	19.15	20.5	0
5	QPSK	12	7	19.10	19.14	19.11		
5	QPSK	12	13	19.15	19.14	19.09		
5	QPSK	25	0	19.20	19.14	19.09		
5	16QAM	1	0	19.11	19.23	19.19	20.5	0
5	16QAM	1	12	19.20	19.18	19.18		
5	16QAM	1	24	19.15	19.17	19.14		
5	16QAM	12	0	19.13	19.19	19.17	20.5	0
5	16QAM	12	7	19.18	19.11	19.11		
5	16QAM	12	13	19.18	19.15	19.15		
5	16QAM	25	0	19.13	19.16	19.11		
5	64QAM	1	0	19.17	19.19	19.20	20.5	0
5	64QAM	1	12	19.11	19.17	19.13		
5	64QAM	1	24	19.10	19.17	19.13		
5	64QAM	12	0	19.21	19.21	19.13	20.5	0
5	64QAM	12	7	19.10	19.11	19.20		
5	64QAM	12	13	19.12	19.17	19.17		
5	64QAM	25	0	19.21	19.13	19.11		
5	256QAM	1	0	17.67	17.71	17.63	19	1.5
5	256QAM	1	12	17.62	17.66	17.50		
5	256QAM	1	24	17.69	17.74	17.65		
5	256QAM	12	0	17.68	17.77	17.66	19	1.5
5	256QAM	12	7	17.60	17.66	17.66		
5	256QAM	12	13	17.63	17.65	17.59		
5	256QAM	25	0	17.94	17.63	17.62		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.10	19.14	19.16	20.5	0
3	QPSK	1	8	19.15	19.20	19.15		
3	QPSK	1	14	19.17	19.17	19.11		
3	QPSK	8	0	19.21	19.16	19.14	20.5	0
3	QPSK	8	4	19.20	19.22	19.11		
3	QPSK	8	7	19.17	19.15	19.18		
3	QPSK	15	0	19.14	19.11	19.20		
3	16QAM	1	0	19.16	19.23	19.10	20.5	0
3	16QAM	1	8	19.15	19.22	19.18		
3	16QAM	1	14	19.19	19.21	19.15		
3	16QAM	8	0	19.10	19.23	19.11	20.5	0
3	16QAM	8	4	19.11	19.21	19.20		
3	16QAM	8	7	19.21	19.16	19.19		
3	16QAM	15	0	19.14	19.15	19.14		
3	64QAM	1	0	19.13	19.19	19.16	20.5	0
3	64QAM	1	8	19.15	19.14	19.14		
3	64QAM	1	14	19.17	19.20	19.11		
3	64QAM	8	0	19.12	19.21	19.12	20.5	0
3	64QAM	8	4	19.21	19.12	19.20		
3	64QAM	8	7	19.13	19.18	19.16		
3	64QAM	15	0	19.13	19.21	19.21		
3	256QAM	1	0	17.66	17.69	17.55	19	1.5
3	256QAM	1	8	17.58	17.60	17.57		
3	256QAM	1	14	17.68	17.66	17.57		
3	256QAM	8	0	17.72	17.74	17.65	19	1.5
3	256QAM	8	4	17.58	17.69	17.61		
3	256QAM	8	7	17.62	17.72	17.65		
3	256QAM	15	0	17.52	17.73	17.68		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.15	19.13	19.18	20.5	0
1.4	QPSK	1	3	19.17	19.21	19.10		
1.4	QPSK	1	5	19.15	19.15	19.10		
1.4	QPSK	3	0	19.16	19.11	19.18		
1.4	QPSK	3	1	19.19	19.13	19.20		
1.4	QPSK	3	3	19.19	19.17	19.09		
1.4	QPSK	6	0	19.16	19.20	19.10	20.5	0
1.4	16QAM	1	0	19.14	19.17	19.17	20.5	0
1.4	16QAM	1	3	19.10	19.13	19.16		
1.4	16QAM	1	5	19.17	19.15	19.17		
1.4	16QAM	3	0	19.12	19.17	19.14		
1.4	16QAM	3	1	19.20	19.14	19.15		
1.4	16QAM	3	3	19.21	19.22	19.17		
1.4	16QAM	6	0	19.13	19.14	19.11	20.5	0
1.4	64QAM	1	0	19.12	19.15	19.14	20.5	0
1.4	64QAM	1	3	19.17	19.12	19.18		
1.4	64QAM	1	5	19.21	19.14	19.10		
1.4	64QAM	3	0	19.13	19.18	19.18		
1.4	64QAM	3	1	19.14	19.18	19.14		
1.4	64QAM	3	3	19.20	19.16	19.15		
1.4	64QAM	6	0	19.09	19.18	19.18	20.5	0
1.4	256QAM	1	0	17.53	17.56	17.59	19	1.5
1.4	256QAM	1	3	17.52	17.65	17.38		
1.4	256QAM	1	5	17.64	17.71	17.45		
1.4	256QAM	3	0	17.68	17.59	17.69		
1.4	256QAM	3	1	17.55	17.56	17.46		
1.4	256QAM	3	3	17.54	17.69	17.64		
1.4	256QAM	6	0	17.50	17.62	17.53	19	1.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.47	18.51	18.43	20	0
20	QPSK	1	49	18.46	18.40	18.47		
20	QPSK	1	99	18.38	18.46	18.36		
20	QPSK	50	0	18.44	18.46	18.46	20	0
20	QPSK	50	24	18.37	18.42	18.36		
20	QPSK	50	50	18.43	18.46	18.47		
20	QPSK	100	0	18.43	18.46	18.45		
20	16QAM	1	0	18.46	18.44	18.40	20	0
20	16QAM	1	49	18.46	18.45	18

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.45	20.51	20.49	21.6	0
20	QPSK	1	49	20.37	20.38	20.44		
20	QPSK	1	99	20.42	20.40	20.35		
20	QPSK	50	0	20.46	20.48	20.43	21.6	0
20	QPSK	50	24	20.37	20.38	20.35		
20	QPSK	50	50	20.45	20.43	20.39		
20	QPSK	100	0	20.43	20.47	20.41		
20	16QAM	1	0	20.44	20.45	20.35	21.6	0
20	16QAM	1	49	20.42	20.41	20.38		
20	16QAM	1	99	20.41	20.39	20.39		
20	16QAM	50	0	20.45	20.47	20.39	21.6	0
20	16QAM	50	24	20.37	20.42	20.36		
20	16QAM	50	50	20.40	20.38	20.34		
20	16QAM	100	0	20.34	20.40	20.40		
20	64QAM	1	0	20.46	20.37	20.36	21.6	0
20	64QAM	1	49	20.34	20.41	20.45		
20	64QAM	1	99	20.34	20.43	20.43		
20	64QAM	50	0	20.36	20.45	20.37	21	0.6
20	64QAM	50	24	20.44	20.40	20.36		
20	64QAM	50	50	20.36	20.45	20.42		
20	64QAM	100	0	20.43	20.43	20.38		
20	256QAM	1	0	18.38	18.40	18.41	19	2.6
20	256QAM	1	49	18.32	18.37	18.31		
20	256QAM	1	99	18.37	18.32	18.36		
20	256QAM	50	0	18.39	18.36	18.33	19	2.6
20	256QAM	50	24	18.37	18.37	18.30		
20	256QAM	50	50	18.35	18.34	18.40		
20	256QAM	100	0	18.35	18.39	18.35		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.40	20.44	20.39	21.6	0
15	QPSK	1	37	20.42	20.42	20.36		
15	QPSK	1	74	20.42	20.43	20.36		
15	QPSK	36	0	20.40	20.46	20.39	21.6	0
15	QPSK	36	20	20.42	20.36	20.43		
15	QPSK	36	39	20.42	20.44	20.45		
15	QPSK	75	0	20.45	20.47	20.38		
15	16QAM	1	0	20.40	20.42	20.40	21.6	0
15	16QAM	1	37	20.46	20.43	20.39		
15	16QAM	1	74	20.41	20.41	20.41		
15	16QAM	36	0	20.36	20.39	20.35	21.6	0
15	16QAM	36	20	20.35	20.45	20.41		
15	16QAM	36	39	20.35	20.45	20.46		
15	16QAM	75	0	20.42	20.36	20.40		
15	64QAM	1	0	20.41	20.45	20.46	21.6	0
15	64QAM	1	37	20.41	20.46	20.45		
15	64QAM	1	74	20.44	20.40	20.39		
15	64QAM	36	0	20.38	20.43	20.36	21	0.6
15	64QAM	36	20	20.34	20.46	20.37		
15	64QAM	36	39	20.38	20.39	20.36		
15	64QAM	75	0	20.39	20.42	20.39		
15	256QAM	1	0	18.33	18.41	18.35	19	2.6
15	256QAM	1	37	18.39	18.43	18.32		
15	256QAM	1	74	18.40	18.36	18.34		
15	256QAM	36	0	18.40	18.40	18.37	19	2.6
15	256QAM	36	20	18.33	18.37	18.36		
15	256QAM	36	39	18.41	18.41	18.35		
15	256QAM	75	0	18.40	18.33	18.40		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.37	20.40	20.40	21.6	0
10	QPSK	1	25	20.46	20.43	20.41		
10	QPSK	1	49	20.39	20.43	20.42		
10	QPSK	25	0	20.38	20.38	20.40	21.6	0
10	QPSK	25	12	20.34	20.47	20.42		
10	QPSK	25	25	20.45	20.41	20.35		
10	QPSK	50	0	20.41	20.42	20.46		
10	16QAM	1	0	20.35	20.37	20.36	21.6	0
10	16QAM	1	25	20.37	20.39	20.40		
10	16QAM	1	49	20.37	20.37	20.37		
10	16QAM	25	0	20.36	20.44	20.35	21.6	0
10	16QAM	25	12	20.45	20.43	20.38		
10	16QAM	25	25	20.45	20.40	20.40		
10	16QAM	50	0	20.45	20.44	20.39		
10	64QAM	1	0	20.39	20.48	20.36	21.6	0
10	64QAM	1	25	20.35	20.46	20.37		
10	64QAM	1	49	20.34	20.47	20.44		
10	64QAM	25	0	20.37	20.43	20.44	21	0.6
10	64QAM	25	12	20.34	20.42	20.46		
10	64QAM	25	25	20.36	20.45	20.41		
10	64QAM	50	0	20.44	20.44	20.40		
10	256QAM	1	0	18.33	18.34	18.34	19	2.6
10	256QAM	1	25	18.40	18.33	18.39		
10	256QAM	1	49	18.38	18.34	18.29		
10	256QAM	25	0	18.35	18.36	18.34	19	2.6
10	256QAM	25	12	18.35	18.42	18.31		
10	256QAM	25	25	18.38	18.33	18.36		
10	256QAM	50	0	18.38	18.31	18.37		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.43	20.38	20.34	21.6	0
5	QPSK	1	12	20.45	20.44	20.39		
5	QPSK	1	24	20.40	20.42	20.41		
5	QPSK	12	0	20.38	20.46	20.43	21.6	0
5	QPSK	12	7	20.35	20.47	20.37		
5	QPSK	12	13	20.38	20.38	20.41		
5	QPSK	25	0	20.35	20.41	20.43		
5	16QAM	1	0	20.39	20.48	20.45	21.6	0
5	16QAM	1	12	20.43	20.42	20.39		
5	16QAM	1	24	20.36	20.46	20.39		
5	16QAM	12	0	20.44	20.40	20.35	21.6	0
5	16QAM	12	7	20.36	20.41	20.35		
5	16QAM	12	13	20.38	20.47	20.37		
5	16QAM	25	0	20.39	20.40	20.44		
5	64QAM	1	0	20.40	20.43	20.42	21.6	0
5	64QAM	1	12	20.43	20.47	20.38		
5	64QAM	1	24	20.44	20.36	20.36		
5	64QAM	12	0	20.35	20.45	20.46	21	0.6
5	64QAM	12	7	20.44	20.39	20.46		
5	64QAM	12	13	20.40	20.48	20.35		
5	64QAM	25	0	20.42	20.42	20.36		
5	256QAM	1	0	18.39	18.40	18.34	19	2.6
5	256QAM	1	12	18.40	18.38	18.32		
5	256QAM	1	24	18.39	18.32	18.37		
5	256QAM	12	0	18.32	18.34	18.41	19	2.6
5	256QAM	12	7	18.29	18.38	18.33		
5	256QAM	12	13	18.39	18.35	18.34		
5	256QAM	25	0	18.35	18.38	18.31		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.52	20.49	20.54	20.48	20.52	21.6	0
20	QPSK	1	49	20.43	20.46	20.45	20.52	20.44		
20	QPSK	1	99	20.42	20.45	20.50	20.43	20.48		
20	QPSK	50	0	20.49	20.47	20.52	20.44	20.49	21.6	0
20	QPSK	50	24	20.49	20.45	20.51	20.51	20.50		
20	QPSK	50	50	20.47	20.51	20.45	20.47	20.49		
20	QPSK	100	0	20.45	20.46	20.48	20.44	20.43		
20	16QAM	1	0	20.53	20.44	20.44	20.42	20.53	21.6	0
20	16QAM	1	49	20.48	20.45	20.52	20.50	20.44		
20	16QAM	1	99	20.44	20.42	20.51	20.44	20.48		
20	16QAM	50	0	20.45	20.46	20.44	20.49	20.44	21.6	0
20	16QAM	50	24	20.51	20.45	20.50	20.43	20.43		
20	16QAM	50	50	20.51	20.42	20.38	20.45	20.51		
20	16QAM	100	0	20.48	20.49	20.47	20.48	20.50		
20	64QAM	1	0	20.47	20.44	20.45	20.52	20.53	21.6	0
20	64QAM	1	49	20.44	20.44	20.44	20.42	20.44		
20	64QAM	1	99	20.42	20.48	20.44	20.52	20.41		
20	64QAM	50	0	20.43	20.44	20.44	20.50	20.52	21	0.6
20	64QAM	50	24	20.51	20.46	20.50	20.51	20.43		
20	64QAM	50	50	20.43	20.44	20.48	20.45	20.43		
20	64QAM	100	0	20.43	20.46	20.51	20.49	20.51		
20	256QAM	1	0	18.38	18.37	18.45	18.36	18.37	19	2.6
20	256QAM	1	49	18.45	18.45	18.48	18.40	18.45		
20	256QAM	1	99	18.43	18.46	18.43	18.47	18.47		
20	256QAM	50	0	18.41	18.44	18.47	18.39	18.45	19	2.6
20	256QAM	50	24	18.42	18.42	18.47	18.38	18.45		
20	256QAM	50	50	18.43	18.42	18.44	18.36	18.39		
20	256QAM	100	0	18.44	18.38	18.42	18.42	18.35		
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	20.34	20.36	20.46	20.37	20.37	22	0
15	QPSK	1	37	20.42	20.46	20.36	20.43	20.43		
15	QPSK	1	74	20.44	20.40	20.40	20.39	20.35		
15	QPSK	36	0	20.42	20.41	20.42	20.44	20.45	21.6	0
15	QPSK	36	20	20.35	20.46	20.38	20.39	20.40		
15	QPSK	36	39	20.36	20.38	20.38	20.41	20.46		
15	QPSK	75	0	20.40	20.41	20.40	20.43	20.36		
15	16QAM	1	0	20.36	20.45	20.38	20.40	20.38	21.6	0
15	16QAM	1	37	20.37	20.45	20.45	20.34	20.44		
15	16QAM	1	74	20.45	20.43	20.39	20.39	20.37		
15	16QAM	36	0	20.45	20.37	20.39	20.44	20.44	21.6	0
15	16QAM	36	20	20.40	20.38	20.40	20.46	20.43		
15	16QAM	36	39	20.37	20.34	20.44	20.36	20.41		
15	16QAM	75	0	20.44	20.37	20.47	20.44	20.36		
15	64QAM	1	0	20.41	20.35	20.39	20.45	20.34	21.6	0
15	64QAM	1	37	20.36	20.41	20.37	20.39	20.36		
15	64QAM	1	74	20.44	20.41	20.44	20.38	20.44		
15	64QAM	36	0	20.42	20.42	20.47	20.35	20.40	21	0.6
15	64QAM	36	20	20.43	20.35	20.36	20.43	20.34		
15	64QAM	36	39	20.36	20.45	20.37	20.35	20.35		
15	64QAM	75	0	20.38	20.42	20.47	20.36	20.45		
15	256QAM	1	0	18.37	18.39	18.35	18.38	18.38	19	2.6
15	256QAM	1	37	18.33	18.32	18.31	18.35	18.34		
15	256QAM	1	74	18.38	18.37	18.34	18.40	18.37		
15	256QAM	36	0	18.33	18.33	18.40	18.39	18.31	19	2.6
15	256QAM	36	20	18.38	18.37	18.41	18.38	18.37		
15	256QAM	36	39	18.34	18.40	18.32	18.34	18.33		
15	256QAM	75	0	18.39	18.34	18.40	18.36	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	20.36	20.39	20.44	20.44	20.45	22	0
10	QPSK	1	25	20.44	20.45	20.39	20.39	20.35		
10	QPSK	1	49	20.35	20.37	20.42	20.45	20.42		
10	QPSK	25	0	20.38	20.38	20.45	20.38	20.37	21.6	0
10	QPSK	25	12	20.45	20.41	20.43	20.44	20.45		
10	QPSK	25	25	20.38	20.36	20.41	20.44	20.36		
10	QPSK	50	0	20.42	20.36	20.38	20.39	20.45		
10	16QAM	1	0	20.41	20.41	20.46	20.41	20.44	21.6	0
10	16QAM	1	25	20.42	20.36	20.44	20.43	20.45		
10	16QAM	1	49	20.43	20.34	20.44	20.41	20.39		
10	16QAM	25	0	20.41	20.37	20.40	20.41	20.44	21.6	0
10	16QAM	25	12	20.43	20.37	20.40	20.37	20.42		
10	16QAM	25	25	20.45	20.37	20.46	20.38	20.44		
10	16QAM	50	0	20.42	20.34	20.44	20.42	20.43		
10	64QAM	1	0	20.36	20.44	20.45	20.41	20.41	21.6	0
10	64QAM	1	25	20.40	20.43	20.44	20.36	20.43		
10	64QAM	1	49	20.37	20.41	20.39	20.38	20.45		
10	64QAM	25	0	20.40	20.45	20.37	20.44	20.36	21	0.6
10	64QAM	25	12	20.41	20.37	20.38	20.46	20.39		
10	64QAM	25	25	20.41	20.34	20.37	20.45	20.44		
10	64QAM	50	0	20.45	20.43	20.45	20.38	20.44		
10	256QAM	1	0	18.30	18.36	18.41	18.36	18.38	19	2.6
10	256QAM	1	25	18.33	18.32	18.42	18.34	18.40		
10	256QAM	1	49	18.30	18.36	18.35	18.35	18.37		
10	256QAM	25	0	18.32	18.32	18.40	18.35	18.36	19	2.6
10	256QAM	25	12	18.34	18.37	18.31	18.31	18.39		
10	256QAM	25	25	18.30	18.30	18.41	18.35	18.31		
10	256QAM	50	0	18.39	18.37	18.43	18.35	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	20.46	20.44	20.41	20.41	20.45	22	0
5	QPSK	1	12	20.44	20.37	20.47	20.37	20.36		
5	QPSK	1	24	20.41	20.43	20.47	20.34	20.36		
5	QPSK	12	0	20.40	20.44	20.38	20.37	20.40	21.6	0
5	QPSK	12	7	20.39	20.45	20.39	20.39	20.42		
5	QPSK	12	13	20.45	20.42	20.39	20.35	20.35		
5	QPSK	25	0	20.35	20.45	20.39	20.44	20.45		
5	16QAM	1	0	20.45	20.40	20.45	20.46	20.39	21.6	0
5	16QAM	1	12	20.42	20.37	20.47	20.35	20.37		
5	16QAM	1	24	20.40	20.42	20.46	20.36	20.36		
5	16QAM	12	0	20.42	20.41	20.44	20.39	20.35	21.6	0
5	16QAM	12	7	20.36	20.40	20.38	20.40	20.45		
5	16QAM	12	13	20.42	20.46	20.42	20.39	20.38		
5	16QAM	25	0	20.34	20.38	20.38	20.43	20.43		
5	64QAM	1	0	20.45	20.37	20.47	20.45	20.35	21.6	0
5	64QAM	1	12	20.37	20.40	20.44	20.36	20.36		
5	64QAM	1	24	20.37	20.37	20.45	20.45	20.45		
5	64QAM	12	0	20.35	20.37	20.42	20.43	20.40	21	0.6
5	64QAM	12	7	20.36	20.41	20.46	20.38	20.36		
5	64QAM	12	13	20.40	20.40	20.37	20.35	20.41		
5	64QAM	25	0	20.42	20.34	20.47	20.41	20.36		
5	256QAM	1	0	18.36	18.37	18.36	18.35	18.30	19	2.6
5	256QAM	1	12	18.30	18.34	18.37	18.29	18.30		
5	256QAM	1	24	18.38	18.32	18.36	18.35	18.40		
5	256QAM	12	0	18.40	18.40	18.39	18.36	18.29	19	2.6
5	256QAM	12	7	18.40	18.34	18.40	18.37	18.39		
5	256QAM	12	13	18.34	18.29	18.34	18.39	18.31		
5	256QAM	25	0	18.31	18.31	18.33	18.33	18.32		

Reduced Power Mode for ECI3_Other PA

Band 2 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1880	1900	1920		
20	QPSK	1	0	18.95	19.08	18.96		
20	QPSK	1	49	18.91	18.91	18.93	20.2	0
20	QPSK	1	99	18.90	18.88	18.92		
20	QPSK	50	0	18.92	18.99	18.94		
20	QPSK	50	24	18.86	18.89	18.96	20.2	0
20	QPSK	50	50	18.89	18.92	18.97		
20	QPSK	100	0	18.86	18.93	18.85		
20	16QAM	1	0	18.95	18.93	18.90		
20	16QAM	1	49	18.94	18.93	18.95	20.2	0
20	16QAM	1	99	18.87	18.98	18.90		
20	16QAM	50	0	18.93	18.96	18.93		
20	16QAM	50	24	18.91	18.98	18.89	20.2	0
20	16QAM	50	50	18.88	18.96	18.92		
20	16QAM	100	0	18.89	18.96	18.93		
20	64QAM	1	0	18.94	18.90	18.85		
20	64QAM	1	49	18.95	18.95	18.86	20.2	0
20	64QAM	1	99	18.90	18.93	18.89		
20	64QAM	50	0	18.92	18.96	18.92		
20	64QAM	50	24	18.90	18.97	18.93	20	0.2
20	64QAM	50	50	18.95	18.99	18.97		
20	64QAM	100	0	18.95	18.95	18.93		
20	256QAM	1	0	16.88	16.89	16.83		
20	256QAM	1	49	16.79	16.87	16.78	18	2.2
20	256QAM	1	99	16.90	16.91	16.85		
20	256QAM	50	0	16.96	16.96	16.95		
20	256QAM	50	24	16.85	16.92	16.84	18	2.2
20	256QAM	50	50	16.85	16.93	16.86		
20	256QAM	100	0	16.82	16.91	16.90		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.88	18.85	18.84		
15	QPSK	1	37	18.81	18.88	18.80	20.2	0
15	QPSK	1	74	18.88	18.83	18.89		
15	QPSK	36	0	18.89	18.83	18.84		
15	QPSK	36	20	18.90	18.87	18.79	20.2	0
15	QPSK	36	39	18.86	18.82	18.87		
15	QPSK	75	0	18.89	18.92	18.84		
15	16QAM	1	0	18.86	18.88	18.86		
15	16QAM	1	37	18.79	18.92	18.88	20.2	0
15	16QAM	1	74	18.85	18.82	18.80		
15	16QAM	36	0	18.86	18.85	18.86		
15	16QAM	36	20	18.88	18.92	18.86	20.2	0
15	16QAM	36	39	18.89	18.92	18.88		
15	16QAM	75	0	18.89	18.92	18.87		
15	64QAM	1	0	18.87	18.87	18.83		
15	64QAM	1	37	18.90	18.92	18.84	20.2	0
15	64QAM	1	74	18.88	18.85	18.80		
15	64QAM	36	0	18.82	18.92	18.80		
15	64QAM	36	20	18.88	18.87	18.79	20	0.2
15	64QAM	36	39	18.84	18.88	18.89		
15	64QAM	75	0	18.82	18.91	18.91		
15	256QAM	1	0	16.83	16.78	16.79		
15	256QAM	1	37	16.75	16.81	16.73	18	2.2
15	256QAM	1	74	16.86	16.82	16.74		
15	256QAM	36	0	16.89	16.88	16.93		
15	256QAM	36	20	16.73	16.90	16.74	18	2.2
15	256QAM	36	39	16.77	16.91	16.84		
15	256QAM	75	0	16.75	16.84	16.80		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.80	18.85	18.81		
10	QPSK	1	25	18.86	18.87	18.85	20.2	0
10	QPSK	1	49	18.89	18.91	18.88		
10	QPSK	25	0	18.90	18.92	18.80		
10	QPSK	25	12	18.82	18.88	18.82	20.2	0
10	QPSK	25	25	18.86	18.85	18.86		
10	QPSK	50	0	18.83	18.88	18.83		
10	16QAM	1	0	18.89	18.87	18.83		
10	16QAM	1	25	18.85	18.85	18.90	20.2	0
10	16QAM	1	49	18.86	18.92	18.82		
10	16QAM	25	0	18.86	18.88	18.90		
10	16QAM	25	12	18.90	18.92	18.89	20.2	0
10	16QAM	25	25	18.90	18.88	18.81		
10	16QAM	50	0	18.79	18.86	18.86		
10	64QAM	1	0	18.84	18.86	18.86		
10	64QAM	1	25	18.79	18.86	18.83	20.2	0
10	64QAM	1	49	18.81	18.84	18.82		
10	64QAM	25	0	18.89	18.83	18.85		
10	64QAM	25	12	18.89	18.88	18.88	20	0.2
10	64QAM	25	25	18.89	18.92	18.81		
10	64QAM	50	0	18.89	18.87	18.90		
10	256QAM	1	0	16.86	16.81	16.79		
10	256QAM	1	25	16.74	16.82	16.75	18	2.2
10	256QAM	1	49	16.85	16.83	16.81		
10	256QAM	25	0	16.94	16.86	16.91		
10	256QAM	25	12	16.73	16.82	16.80	18	2.2
10	256QAM	25	25	16.72	16.84	16.75		
10	256QAM	50	0	16.70	16.88	16.79		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.90	18.84	18.89		
5	QPSK	1	12	18.85	18.84	18.81	20.2	0
5	QPSK	1	24	18.91	18.90	18.82		
5	QPSK	12	0	18.79	18.91	18.85		
5	QPSK	12	7	18.85	18.87	18.90	20.2	0
5	QPSK	12	13	18.87	18.86	18.90		
5	QPSK	25	0	18.83	18.83	18.82		
5	16QAM	1	0	18.86	18.85	18.82		
5	16QAM	1	12	18.90	18.86	18.90	20.2	0
5	16QAM	1	24	18.88	18.89	18.89		
5	16QAM	12	0	18.81	18.89	18.86		
5	16QAM	12	7	18.80	18.89	18.87	20.2	0
5	16QAM	12	13	18.84	18.85	18.91		
5	16QAM	25	0	18.85	18.84	18.89		
5	64QAM	1	0	18.86	18.85	18.82		
5	64QAM	1	12	18.80	18.87	18.84	20.2	0
5	64QAM	1	24	18.86	18.85	18.88		
5	64QAM	12	0	18.91	18.92	18.86		
5	64QAM	12	7	18.86	18.89	18.88	20	0.2
5	64QAM	12	13	18.86	18.91	18.80		
5	64QAM	25	0	18.84	18.90	18.81		
5	256QAM	1	0	16.85	16.86	16.72		
5	256QAM	1	12	16.71	16.76	16.67	18	2.2
5	256QAM	1	24	16.85	16.88	16.79		
5	256QAM	12	0	16.84	16.87	16.87		
5	256QAM	12	7	16.82	16.85	16.74	18	2.2
5	256QAM	12	13	16.82	16.81	16.83		
5	256QAM	25	0	16.79	16.88	16.77		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.87	18.92	18.86		
3	QPSK	1	8	18.90	18.82	18.85	20.2	0
3	QPSK	1	14	18.88	18.91	18.87		
3	QPSK	8	0	18.91	18.92	18.90		
3	QPSK	8	4	18.79	18.86	18.79	20.2	0
3	QPSK	8	7	18.83	18.85	18.89		
3	QPSK	15	0	18.84	18.90	18.89		
3	16QAM	1	0	18.81	18.90	18.86		
3	16QAM	1	8	18.89	18.89	18.90	20.2	0
3	16QAM	1	14	18.83	18.91	18.91		
3	16QAM	8	0	18.85	18.86	18.84		
3	16QAM	8	4	18.86	18.86	18.82	20.2	0
3	16QAM	8	7	18.83	18.83	18.90		
3	16QAM	15	0	18.80	18.91	18.90		
3	64QAM	1	0	18.83	18.86	18.90		
3	64QAM	1	8	18.91	18.91	18.87	20.2	0
3	64QAM	1	14	18.85	18.85	18.82		
3	64QAM	8	0	18.81	18.82	18.89		
3	64QAM	8	4	18.88	18.88	18.90	20	0.2
3	64QAM	8	7	18.84	18.82	18.83		
3	64QAM	15	0	18.88	18.93	18.79		
3	256QAM	1	0	16.79	16.80	16.75		
3	256QAM	1	8	16.71	16.81	16.66	18	2.2
3	256QAM	1	14	16.79	16.80	16.73		
3	256QAM	8	0	16.90	16.89	16.85		
3	256QAM	8	4	16.80	16.81	16.76	18	2.2
3	256QAM	8	7	16.80	16.84	16.81		
3	256QAM	15	0	16.78	16.82	16.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.86	18.86	18.79		
1.4	QPSK	1	3	18.81	18.90	18.86		
1.4	QPSK	1	5	18.89	18.91	18.86	20.2	0
1.4	QPSK	3	0	18.85	18.93	18.89		
1.4	QPSK	3	1	18.82	18.90	18.90		
1.4	QPSK	3	3	18.88	18.91	18.82		
1.4	QPSK	6	0	18.85	18.86	18.89	20.2	0
1.4	16QAM	1	0	18.90	18.88	18.81		
1.4	16QAM	1	3	18.85	18.87	18.79		
1.4	16QAM	1	5	18.82	18.85	18.84	20.2	0
1.4	16QAM	3	0	18.82	18.81	18.84		
1.4	16QAM	3	1	18.80	18.93	18.87		
1.4	16QAM	3	3	18.84	18.90	18.88		
1.4	16QAM	6	0	18.83	18.92	18.81	20.2	0
1.4	64QAM	1	0	18.90	18.92	18.85		
1.4	64QAM	1	3	18.82	18.81	18.79		
1.4	64QAM	1	5	18.84	18.82	18.88	20.2	0
1.4	64QAM	3	0	18.89	18.84	18.85		
1.4	64QAM	3	1	18.88	18.91	18.87		
1.4	64QAM	3	3	18.85	18.89	18.80		
1.4	64QAM	6	0	18.86	18.91	18.82	20	0.2
1.4	256QAM	1	0	16.82	16.85	16.77		
1.4	256QAM	1	3	16.72	16.85	16.66		
1.4	256QAM	1	5	16.82	16.89	16.74	18	2.2
1.4	256QAM	3	0	16.87	16.83	16.91		
1.4	256QAM	3	1	16.78	16.83	16.75		
1.4	256QAM	3	3	16.78	16.90	16.83		
1.4	256QAM	6	0	16.78	16.90	16.78	18	2.2

Band 4 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.91	21.95	21.93		
20	QPSK	1	49	21.89	21.84	21.85	23	0
20	QPSK	1	99	21.90	21.90	21.83		
20	QPSK	50	0	20.93	20.97	20.96		
20	QPSK	50	24	20.92	20.89	20.81	22	1
20	QPSK	50	50	20.87	20.87	20.80		
20	QPSK	100	0	20.89	20.93	20.87		
20	16QAM	1	0	20.92	20.94	20.96		
20	16QAM	1	49	20.91	20.94	20.96	22	1
20	16QAM	1	99	20.82	20.96	20.81		
20	16QAM	50	0	19.94	19.94	19.88		
20	16QAM	50	24	19.77	19.94	19.93	21	2
20	16QAM	50	50	19.88	19.96	19.88		
20	16QAM	100	0	19.88	19.95	19.91		
20	64QAM	1	0	19.90	19.93	19.81		
20	64QAM	1	49	19.85	19.90	19.90	21	2
20	64QAM	1	99	19.83	19.92	19.80		
20	64QAM	50	0	18.98	18.93	18.90		
20	64QAM	50	24	18.94	18.98	18.80	20	3
20	64QAM	50	50	18.82	18.87	18.86		
20	64QAM	100	0	18.89	18.86	18.78		
20	256QAM	1	0	16.82	16.94	16.77		
20	256QAM	1	49	16.78	16.93	16.72	18	5
20	256QAM	1	99	16.92	16.90	16.90		
20	256QAM	50	0	16.91	16.90	16.99		
20	256QAM	50	24	16.86	16.97	16.79	18	5
20	256QAM	50	50	16.90	16.91	16.87		
20	256QAM	100	0	16.79	16.92	16.90		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.86	21.89	21.88		
15	QPSK	1	37	21.76	21.82	21.79	23	0
15	QPSK	1	74	21.79	21.85	21.82		
15	QPSK	36	0	20.86	20.88	20.93		
15	QPSK	36	20	20.87	20.88	20.74	22	1
15	QPSK	36	39	20.74	20.81	20.73		
15	QPSK	75	0	20.84	20.85	20.74		
15	16QAM	1	0	20.82	20.87	20.87		
15	16QAM	1	37	20.87	20.92	20.89	22	1
15	16QAM	1	74	20.71	20.84	20.72		
15	16QAM	36	0	20.76	20.91	19.88		
15	16QAM	36	20	19.80	19.78	19.79	21	2
15	16QAM	36	39	19.81	19.84	19.76		
15	16QAM	75	0	19.89	19.86	19.77		
15	64QAM	1	0	19.78	19.85	19.74		
15	64QAM	1	37	19.73	19.75	19.76	21	2
15	64QAM	1	74	19.71	19.81	19.75		
15	64QAM	36	0	18.92	18.90	18.86		
15	64QAM	36	20	18.89	18.83	18.74	20	3
15	64QAM	36	39	18.75	18.86	18.80		
15	64QAM	75	0	18.75	18.85	18.70		
15	256QAM	1	0	16.86	16.78	16.77		
15	256QAM	1	37	16.74	16.80	16.75	18	5
15	256QAM	1	74	16.77	16.86	16.74		
15	256QAM	36	0	16.90	16.87	16.94		
15	256QAM	36	20	16.82	16.89	16.75	18	5
15	256QAM	36	39	16.75	16.90	16.83		
15	256QAM	75	0	16.77	16.82	16.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.83	21.86	21.81		
10	QPSK	1	25	21.79	21.79	21.71	23	0
10	QPSK	1	49	21.79	21.80	21.79		
10	QPSK	25	0	20.83	20.92	20.88		
10	QPSK	25	12	20.81	20.82	20.82	22	1
10	QPSK	25	25	20.79	20.87	20.73		
10	QPSK	50	0	20.77	20.82	20.76		
10	16QAM	1	0	20.90	20.87	20.82		
10	16QAM	1	25	20.88	20.90	20.90	22	1
10	16QAM	1	49	20.77	20.86	20.72		
10	16QAM	25	0	19.84	19.83	19.83		
10	16QAM	25	12	19.69	19.83	19.87	21	2
10	16QAM	25	25	19.79	19.89	19.76		
10	16QAM	50	0	19.87	19.88	19.77		
10	64QAM	1	0	19.79	19.94	19.80		
10	64QAM	1	25	19.82	19.80	19.74	21	2
10	64QAM	1	49	19.69	19.76	19.75		
10	64QAM	25	0	18.91	18.88	18.77		
10	64QAM	25	12	18.90	18.83	18.80	20	3
10	64QAM	25	25	18.75	18.90	18.75		
10	64QAM	50	0	18.79	18.82	18.68		
10	256QAM	1	0	16.80	16.77	16.80		
10	256QAM	1	25	16.72	16.77	16.76	18	5
10	256QAM	1	49	16.82	16.83	16.79		
10	256QAM	25	0	16.88	16.93	16.91		
10	256QAM	25	12	16.78	16.87	16.78	18	5
10	256QAM	25	25	16.73	16.84	16.77		
10	256QAM	50	0	16.73	16.83	16.87		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.85	21.89	21.78		
5	QPSK	1	12	21.74	21.81	21.75	23	0
5	QPSK	1	24	21.86	21.85	21.77		
5	QPSK	12	0	20.85	20.89	20.81		
5	QPSK	12	7	20.84	20.82	20.73	22	1
5	QPSK	12	13	20.76	20.82	20.70		
5	QPSK	25	0	20.83	20.86	20.77		
5	16QAM	1	0	20.88	20.93	20.86		
5	16QAM	1	12	20.83	20.81	20.90	22	1
5	16QAM	1	24	20.78	20.89	20.74		
5	16QAM	12	0	19.83	19.84	19.88		
5	16QAM	12	7	19.76	19.79	19.78	21	2
5	16QAM	12	13	19.78	19.85	19.78		
5	16QAM	25	0	19.79	19.91	19.79		
5	64QAM	1	0	19.78	19.82	19.75		
5	64QAM	1	12	19.80	19.81	19.83	21	2
5	64QAM	1	24	19.80	19.80	19.81		
5	64QAM	12	0	18.86	18.89	18.86		
5	64QAM	12	7	18.89	18.81	18.77	20	3
5	64QAM	12	13	18.71	18.83	18.81		
5	64QAM	25	0	18.83	18.77	18.74		
5	256QAM	1	0	16.84	16.79	16.75		
5	256QAM	1	12	16.74	16.76	16.72	18	5
5	256QAM	1	24	16.84	16.79	16.83		
5	256QAM	12	0	16.87	16.86	16.82		
5	256QAM	12	7	16.81	16.85	16.75	18	5
5	256QAM	12	13	16.82	16.82	16.78		
5	256QAM	25	0	16.69	16.86	16.78		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.78	21.87	21.75		
3	QPSK	1	8	21.79	21.87	21.78	23	0
3	QPSK	1	14	21.77	21.85	21.81		
3	QPSK	8	0	20.79	20.87	20.85		
3	QPSK	8	4	20.83	20.82	20.82	22	1
3	QPSK	8	7	20.77	20.85	20.76		
3	QPSK	15	0	20.82	20.90	20.75		
3	16QAM	1	0	20.83	20.87	20.84		
3	16QAM	1	8	20.85	20.89	20.84	22	1
3	16QAM	1	14	20.69	20.88	20.79		
3	16QAM	8	0	19.80	19.88	19.88		
3	16QAM	8	4	19.73	19.79	19.77	21	2
3	16QAM	8	7	19.76	19.89	19.76		
3	16QAM	15	0	19.86	19.85	19.77		
3	64QAM	1	0	19.82	19.81	19.79		
3	64QAM	1	8	19.81	19.78	19.81	21	2
3	64QAM	1	14	19.71	19.79	19.79		
3	64QAM	8	0	18.93	18.88	18.76		
3	64QAM	8	4	18.88	18.92	18.75	20	3
3	64QAM	8	7	18.73	18.84	18.77		
3	64QAM	15	0	18.83	18.92	18.78		
3	256QAM	1	0	16.76	16.82	16.78		
3	256QAM	1	8	16.77	16.83	16.74	18	5
3	256QAM	1	14	16.83	16.88	16.83		
3	256QAM	8	0	16.89	16.86	16.83		
3	256QAM	8	4	16.78	16.83	16.73	18	5
3	256QAM	8	7	16.79	16.86	16.83		
3	256QAM	15	0	16.80	16.82	16.83		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.78	21.87	21.72		
1.4	QPSK	1	3	21.65	21.76	21.75		
1.4	QPSK	1	5	21.71	21.75	21.73	23	0
1.4	QPSK	3	0	21.75	21.68	21.74		
1.4	QPSK	3	1	21.65	21.69	21.67		
1.4	QPSK	3	3	21.70	21.78	21.79		
1.4	QPSK	6	0	20.68	20.90	20.81	22	1
1.4	16QAM	1	0	20.75	20.77	20.72		
1.4	16QAM	1	3	20.73	20.75	20.60		
1.4	16QAM	1	5	20.77	20.82	20.73	22	1
1.4	16QAM	3	0	20.69	20.79	20.78		
1.4	16QAM	3	1	20.79	20.76	20.88		
1.4	16QAM	3	3	20.68	20.72	20.67		
1.4	16QAM	6	0	19.73	19.84	19.85	21	2
1.4	64QAM	1	0	19.73	19.69	19.70		
1.4	64QAM	1	3	19.71	19.75	19.78		
1.4	64QAM	1	5	19.80	19.83	19.73	21	2
1.4	64QAM	3	0	19.76	19.85	19.65		
1.4	64QAM	3	1	19.74	19.72	19.75		
1.4	64QAM	3	3	19.72	19.69	19.75		
1.4	64QAM	6	0	18.83	18.81	18.76	20	3
1.4	256QAM	1	0	16.78	16.75	16.69		
1.4	256QAM	1	3	16.59	16.79	16.61		
1.4	256QAM	1	5	16.76	16.80	16.72	18	5
1.4	256QAM	3	0	16.77	16.71	16.81		
1.4	256QAM	3	1	16.76	16.72	16.65		
1.4	256QAM	3	3	16.73	16.89	16.72		
1.4	256QAM	6	0	16.74	16.88	16.66	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.91	22.98	22.95		
20	QPSK	1	49	22.89	22.86	22.86	24	0
20	QPSK	1	99	22.92	22.93	22.82		
20	QPSK	50	0	21.91	21.95	21.93		
20	QPSK	50	24	21.88	21.88	21.83	23	1
20	QPSK	50	50	21.81	21.87	21.75		
20	QPSK	100	0	21.89	21.93	21.87		
20	16QAM	1	0	21.93	21.98	21.95		
20	16QAM	1	49	21.87	21.99	21.94	23	1
20	16QAM	1	99	21.83	21.88	21.86		
20	16QAM	50	0	20.90	21

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.32	21.39	21.35	21.5	0
20	QPSK	1	49	21.34	21.31	21.32		
20	QPSK	1	99	21.32	21.31	21.34		
20	QPSK	50	0	21.31	21.37	21.36	21.5	0
20	QPSK	50	24	21.35	21.30	21.33		
20	QPSK	50	50	21.27	21.28	21.32		
20	QPSK	100	0	21.30	21.35	21.34		
20	16QAM	1	0	21.26	21.33	21.29	21.5	0
20	16QAM	1	49	21.28	21.31	21.34		
20	16QAM	1	99	21.31	21.29	21.31		
20	16QAM	50	0	20.85	20.86	20.87	21	0.5
20	16QAM	50	24	20.80	20.80	20.86		
20	16QAM	50	50	20.79	20.84	20.87		
20	16QAM	100	0	20.84	20.87	20.75		
20	64QAM	1	0	20.77	20.90	20.79	21	0.5
20	64QAM	1	49	20.80	20.82	20.78		
20	64QAM	1	99	20.80	20.84	20.74		
20	64QAM	50	0	19.84	19.92	19.77	20	1.5
20	64QAM	50	24	19.86	19.89	19.77		
20	64QAM	50	50	19.79	19.84	19.75		
20	64QAM	100	0	19.75	19.87	19.78		
20	256QAM	1	0	17.79	17.87	17.71	18	3.5
20	256QAM	1	49	17.69	17.76	17.73		
20	256QAM	1	99	17.87	17.79	17.78		
20	256QAM	50	0	17.85	17.86	17.84	18	3.5
20	256QAM	50	24	17.81	17.81	17.80		
20	256QAM	50	50	17.75	17.92	17.84		
20	256QAM	100	0	17.79	17.80	17.84		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.34	21.32	21.27	21.5	0
15	QPSK	1	37	21.31	21.34	21.26		
15	QPSK	1	74	21.31	21.28	21.36		
15	QPSK	36	0	21.27	21.35	21.31	21.5	0
15	QPSK	36	20	21.30	21.29	21.27		
15	QPSK	36	39	21.36	21.29	21.28		
15	QPSK	75	0	21.30	21.38	21.31		
15	16QAM	1	0	21.35	21.30	21.32	21.5	0
15	16QAM	1	37	21.28	21.34	21.26		
15	16QAM	1	74	21.33	21.32	21.27		
15	16QAM	36	0	20.79	20.78	20.86	21	0.5
15	16QAM	36	20	20.68	20.76	20.73		
15	16QAM	36	39	20.64	20.76	20.80		
15	16QAM	75	0	20.77	20.87	20.72		
15	64QAM	1	0	20.72	20.79	20.69	21	0.5
15	64QAM	1	37	20.75	20.72	20.79		
15	64QAM	1	74	20.66	20.81	20.74		
15	64QAM	36	0	19.83	19.83	19.74	20	1.5
15	64QAM	36	20	19.78	19.83	19.68		
15	64QAM	36	39	19.72	19.84	19.79		
15	64QAM	75	0	19.78	19.73	19.62		
15	256QAM	1	0	17.79	17.76	17.76	18	3.5
15	256QAM	1	37	17.68	17.79	17.71		
15	256QAM	1	74	17.73	17.78	17.79		
15	256QAM	36	0	17.84	17.80	17.78	18	3.5
15	256QAM	36	20	17.67	17.85	17.68		
15	256QAM	36	39	17.70	17.76	17.71		
15	256QAM	75	0	17.75	17.83	17.77		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.32	21.30	21.33	21.5	0
10	QPSK	1	25	21.35	21.27	21.34		
10	QPSK	1	49	21.35	21.33	21.26		
10	QPSK	25	0	21.29	21.37	21.34	21.5	0
10	QPSK	25	12	21.25	21.32	21.29		
10	QPSK	25	25	21.31	21.33	21.37		
10	QPSK	50	0	21.28	21.37	21.36		
10	16QAM	1	0	21.34	21.33	21.30	21.5	0
10	16QAM	1	25	21.36	21.30	21.29		
10	16QAM	1	49	21.25	21.30	21.28		
10	16QAM	25	0	20.77	20.79	20.75	21	0.5
10	16QAM	25	12	20.67	20.75	20.81		
10	16QAM	25	25	20.67	20.73	20.78		
10	16QAM	50	0	20.76	20.77	20.76		
10	64QAM	1	0	20.80	20.87	20.75	21	0.5
10	64QAM	1	25	20.71	20.72	20.74		
10	64QAM	1	49	20.74	20.81	20.66		
10	64QAM	25	0	19.82	19.90	19.76	20	1.5
10	64QAM	25	12	19.82	19.75	19.74		
10	64QAM	25	25	19.71	19.76	19.68		
10	64QAM	50	0	19.71	19.76	19.69		
10	256QAM	1	0	17.73	17.80	17.69	18	3.5
10	256QAM	1	25	17.71	17.76	17.65		
10	256QAM	1	49	17.75	17.74	17.68		
10	256QAM	25	0	17.89	17.89	17.82	18	3.5
10	256QAM	25	12	17.77	17.83	17.76		
10	256QAM	25	25	17.73	17.84	17.69		
10	256QAM	50	0	17.73	17.84	17.73		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.32	21.34	21.32	21.5	0
5	QPSK	1	12	21.30	21.34	21.36		
5	QPSK	1	24	21.28	21.31	21.35		
5	QPSK	12	0	21.31	21.36	21.31	21.5	0
5	QPSK	12	7	21.35	21.32	21.25		
5	QPSK	12	13	21.32	21.32	21.33		
5	QPSK	25	0	21.27	21.38	21.30		
5	16QAM	1	0	21.28	21.35	21.27	21.5	0
5	16QAM	1	12	21.34	21.31	21.35		
5	16QAM	1	24	21.28	21.36	21.31		
5	16QAM	12	0	20.80	20.78	20.80	21	0.5
5	16QAM	12	7	20.67	20.81	20.72		
5	16QAM	12	13	20.75	20.82	20.77		
5	16QAM	25	0	20.78	20.82	20.72		
5	64QAM	1	0	20.80	20.81	20.69	21	0.5
5	64QAM	1	12	20.70	20.81	20.71		
5	64QAM	1	24	20.71	20.81	20.77		
5	64QAM	12	0	19.88	19.80	19.76	20	1.5
5	64QAM	12	7	19.77	19.82	19.68		
5	64QAM	12	13	19.67	19.77	19.74		
5	64QAM	25	0	19.75	19.80	19.62		
5	256QAM	1	0	17.75	17.82	17.75	18	3.5
5	256QAM	1	12	17.71	17.81	17.65		
5	256QAM	1	24	17.77	17.85	17.76		
5	256QAM	12	0	17.85	17.78	17.80	18	3.5
5	256QAM	12	7	17.72	17.82	17.73		
5	256QAM	12	13	17.69	17.84	17.75		
5	256QAM	25	0	17.75	17.80	17.80		

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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	21.39	21.40	21.45	21.41	21.42	22.5	0
20	QPSK	1	49	21.38	21.41	21.39	21.34	21.31		
20	QPSK	1	99	21.31	21.34	21.33	21.35	21.38		
20	QPSK	50	0	21.39	21.35	21.43	21.41	21.37	22.5	0
20	QPSK	50	24	21.35	21.39	21.35	21.35	21.33		
20	QPSK	50	50	21.40	21.39	21.39	21.32	21.42		
20	QPSK	100	0	21.40	21.36	21.41	21.35	21.37		
20	16QAM	1	0	21.40	21.37	21.35	21.39	21.42	22.5	0
20	16QAM	1	49	21.35	21.43	21.33	21.38	21.33		
20	16QAM	1	99	21.37	21.42	21.35	21.34	21.38		
20	16QAM	50	0	20.79	20.79	20.89	20.87	20.87	22	0.5
20	16QAM	50	24	20.83	20.80	20.86	20.90	20.81		
20	16QAM	50	50	20.78	20.79	20.92	20.85	20.82		
20	16QAM	100	0	20.86	20.80	20.87	20.87	20.80		
20	64QAM	1	0	20.79	20.87	20.84	20.74	20.79	22	0.5
20	64QAM	1	49	20.74	20.75	20.83	20.83	20.79		
20	64QAM	1	99	20.74	20.82	20.85	20.86	20.78		
20	64QAM	50	0	19.94	19.92	19.93	19.82	19.85	21	1.5
20	64QAM	50	24	19.92	19.90	19.92	19.80	19.74		
20	64QAM	50	50	19.75	19.74	19.86	19.85	19.78		
20	64QAM	100	0	19.83	19.84	19.85	19.71	19.72		
20	256QAM	1	0	17.78	17.82	17.82	17.81	17.81	19	3.5
20	256QAM	1	49	17.74	17.71	17.89	17.72	17.71		
20	256QAM	1	99	17.80	17.82	17.92	17.86	17.76		
20	256QAM	50	0	17.95	17.93	17.94	17.94	17.85	19	3.5
20	256QAM	50	24	17.84	17.76	17.89	17.80	17.83		
20	256QAM	50	50	17.76	17.75	17.94	17.81	17.82		
20	256QAM	100	0	17.81	17.83	17.90	17.88	17.80		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.27	21.31	21.38	21.29	21.36	23	0
15	QPSK	1	37	21.27	21.35	21.29	21.32	21.26		
15	QPSK	1	74	21.25	21.30	21.33	21.36	21.35		
15	QPSK	36	0	21.32	21.28	21.35	21.30	21.37	22.5	0
15	QPSK	36	20	21.26	21.37	21.36	21.30	21.32		
15	QPSK	36	39	21.27	21.32	21.27	21.34	21.37		
15	QPSK	75	0	21.37	21.35	21.31	21.31	21.30		
15	16QAM	1	0	21.32	21.28	21.30	21.34	21.26	22.5	0
15	16QAM	1	37	21.30	21.31	21.37	21.33	21.31		
15	16QAM	1	74	21.31	21.30	21.36	21.25	21.27		
15	16QAM	36	0	20.77	20.72	20.79	20.77	20.82	22	0.5
15	16QAM	36	20	20.74	20.72	20.83	20.80	20.76		
15	16QAM	36	39	20.75	20.67	20.79	20.77	20.74		
15	16QAM	75	0	20.76	20.79	20.82	20.74	20.69		
15	64QAM	1	0	20.75	20.70	20.86	20.74	20.67	22	0.5
15	64QAM	1	37	20.65	20.74	20.76	20.69	20.79		
15	64QAM	1	74	20.71	20.67	20.70	20.78	20.73		
15	64QAM	36	0	19.83	19.87	19.89	19.79	19.78	21	1.5
15	64QAM	36	20	19.85	19.84	19.81	19.69	19.66		
15	64QAM	36	39	19.72	19.68	19.83	19.72	19.78		
15	64QAM	75	0	19.79	19.73	19.75	19.63	19.67		
15	256QAM	1	0	17.71	17.72	17.80	17.75	17.72	19	3.5
15	256QAM	1	37	17.64	17.63	17.69	17.67	17.62		
15	256QAM	1	74	17.78	17.75	17.74	17.74	17.75		
15	256QAM	36	0	17.87	17.84	17.83	17.86	17.78	19	3.5
15	256QAM	36	20	17.76	17.72	17.77	17.68	17.70		
15	256QAM	36	39	17.77	17.68	17.77	17.77	17.75		
15	256QAM	75	0	17.64	17.71	17.80	17.73	17.77		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.35	21.33	21.27	21.37	21.28	23	0
10	QPSK	1	25	21.26	21.26	21.27	21.34	21.36		
10	QPSK	1	49	21.27	21.35	21.31	21.28	21.29		
10	QPSK	25	0	21.28	21.26	21.34	21.26	21.34	22.5	0
10	QPSK	25	12	21.30	21.27	21.34	21.33	21.33		
10	QPSK	25	25	21.37	21.31	21.35	21.26	21.29		
10	QPSK	50	0	21.26	21.34	21.27	21.37	21.31		
10	16QAM	1	0	21.26	21.34	21.26	21.29	21.35	22.5	0
10	16QAM	1	25	21.30	21.27	21.35	21.30	21.30		
10	16QAM	1	49	21.36	21.26	21.28	21.29	21.27		
10	16QAM	25	0	20.81	20.77	20.79	20.78	20.79	22	0.5
10	16QAM	25	12	20.72	20.66	20.73	20.78	20.82		
10	16QAM	25	25	20.74	20.70	20.75	20.71	20.70		
10	16QAM	50	0	20.81	20.75	20.87	20.79	20.72		
10	64QAM	1	0	20.82	20.71	20.83	20.75	20.77	22	0.5
10	64QAM	1	25	20.73	20.75	20.69	20.69	20.70		
10	64QAM	1	49	20.72	20.70	20.78	20.70	20.76		
10	64QAM	25	0	19.84	19.89	19.80	19.82	19.82	21	1.5
10	64QAM	25	12	19.81	19.76	19.77	19.76	19.70		
10	64QAM	25	25	19.71	19.65	19.77	19.75	19.72		
10	64QAM	50	0	19.69	19.73	19.76	19.71	19.70		
10	256QAM	1	0	17.79	17.82	17.73	17.66	17.75	19	3.5
10	256QAM	1	25	17.72	17.70	17.80	17.62	17.63		
10	256QAM	1	49	17.72	17.78	17.80	17.77	17.78		
10	256QAM	25	0	17.78	17.86	17.90	17.82	17.84	19	3.5
10	256QAM	25	12	17.68	17.78	17.82	17.67	17.76		
10	256QAM	25	25	17.75	17.76	17.82	17.78	17.71		
10	256QAM	50	0	17.74	17.68	17.74	17.81	17.73		
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	21.35	21.34	21.27	21.30	21.29	23	0
5	QPSK	1	12	21.33	21.28	21.28	21.29	21.27		
5	QPSK	1	24	21.33	21.26	21.34	21.26	21.36		
5	QPSK	12	0	21.35	21.28	21.34	21.25	21.29	22.5	0
5	QPSK	12	7	21.31	21.29	21.30	21.30	21.30		
5	QPSK	12	13	21.32	21.31	21.35	21.28	21.27		
5	QPSK	25	0	21.26	21.36	21.33	21.34	21.33		
5	16QAM	1	0	21.32	21.34	21.34	21.35	21.32	22.5	0
5	16QAM	1	12	21.27	21.37	21.34	21.33	21.36		
5	16QAM	1	24	21.26	21.26	21.35	21.35	21.35		
5	16QAM	12	0	20.71	20.71	20.80	20.78	20.80	22	0.5
5	16QAM	12	7	20.73	20.71	20.76	20.70	20.75		
5	16QAM	12	13	20.66	20.71	20.74	20.75	20.80		
5	16QAM	25	0	20.80	20.76	20.75	20.78	20.75		
5	64QAM	1	0	20.78	20.72	20.76	20.70	20.71	22	0.5
5	64QAM	1	12	20.73	20.71	20.77	20.76	20.79		
5	64QAM	1	24	20.69	20.74	20.79	20.66	20.74		
5	64QAM	12	0	19.85	19.83	19.86	19.73	19.77	21	1.5
5	64QAM	12	7	19.78	19.78	19.82	19.67	19.71		
5	64QAM	12	13	19.68	19.73	19.75	19.73	19.79		
5	64QAM	25	0	19.74	19.69	19.78	19.66	19.73		
5	256QAM	1	0	17.82	17.74	17.73	17.68	17.69	19	3.5
5	256QAM	1	12	17.70	17.61	17.77	17.63	17.64		
5	256QAM	1	24	17.73	17.79	17.76	17.76	17.74		
5	256QAM	12	0	17.87	17.90	17.86	17.89	17.79	19	3.5
5	256QAM	12	7	17.73	17.78	17.80	17.75	17.76		
5	256QAM	12	13	17.79	17.76	17.76	17.74	17.80		
5	256QAM	25	0	17.74	17.71	17.82	17.79	17.77		

Band 2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.35	17.38	17.37	18.5	0
20	QPSK	1	49	17.26	17.35	17.30		
20	QPSK	1	99	17.35	17.33	17.27		
20	QPSK	50	0	17.31	17.37	17.35		
20	QPSK	50	24	17.30	17.33	17.26	18.5	0
20	QPSK	50	50	17.31	17.31	17.36		
20	QPSK	100	0	17.31	17.35	17.28		
20	16QAM	1	0	17.30	17.34	17.36		
20	16QAM	1	49	17.34	17.35	17.27	18.5	0
20	16QAM	1	99	17.36	17.34	17.37		
20	16QAM	50	0	17.26	17.36	17.36		
20	16QAM	50	24	17.31	17.37	17.35	18.5	0
20	16QAM	50	50	17.26	17.30	17.32		
20	16QAM	100	0	17.36	17.36	17.26		
20	64QAM	1	0	17.25	17.34	17.37		
20	64QAM	1	49	17.26	17.29	17.33	18.5	0
20	64QAM	1	99	17.28	17.30	17.27		
20	64QAM	50	0	17.35	17.36	17.28		
20	64QAM	50	24	17.28	17.37	17.35	18.5	0
20	64QAM	50	50	17.26	17.34	17.28		
20	64QAM	100	0	17.32	17.37	17.34		
20	256QAM	1	0	17.27	17.36	17.25		
20	256QAM	1	49	17.28	17.30	17.28	18.5	0
20	256QAM	1	99	17.30	17.34	17.26		
20	256QAM	50	0	17.27	17.35	17.27		
20	256QAM	50	24	17.35	17.27	17.32	18.5	0
20	256QAM	50	50	17.28	17.29	17.30		
20	256QAM	100	0	17.35	17.32	17.32		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.28	17.29	17.19		
15	QPSK	1	37	17.28	17.19	17.24	18.5	0
15	QPSK	1	74	17.21	17.23	17.25		
15	QPSK	36	0	17.24	17.27	17.27		
15	QPSK	36	20	17.21	17.25	17.24	18.5	0
15	QPSK	36	39	17.23	17.20	17.23		
15	QPSK	75	0	17.29	17.29	17.20		
15	16QAM	1	0	17.24	17.30	17.30		
15	16QAM	1	37	17.28	17.24	17.21	18.5	0
15	16QAM	1	74	17.24	17.31	17.27		
15	16QAM	36	0	17.21	17.26	17.20		
15	16QAM	36	20	17.19	17.23	17.23	18.5	0
15	16QAM	36	39	17.25	17.30	17.24		
15	16QAM	75	0	17.18	17.28	17.19		
15	64QAM	1	0	17.29	17.27	17.20		
15	64QAM	1	37	17.23	17.31	17.22	18.5	0
15	64QAM	1	74	17.24	17.20	17.24		
15	64QAM	36	0	17.27	17.21	17.26		
15	64QAM	36	20	17.20	17.29	17.30	18.5	0
15	64QAM	36	39	17.30	17.24	17.20		
15	64QAM	75	0	17.29	17.25	17.19		
15	256QAM	1	0	17.24	17.26	17.19		
15	256QAM	1	37	17.20	17.21	17.30	18.5	0
15	256QAM	1	74	17.28	17.28	17.26		
15	256QAM	36	0	17.21	17.24	17.28		
15	256QAM	36	20	17.28	17.21	17.19	18.5	0
15	256QAM	36	39	17.18	17.27	17.30		
15	256QAM	75	0	17.26	17.26	17.27		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.23	17.19	17.27		
10	QPSK	1	25	17.29	17.27	17.22	18.5	0
10	QPSK	1	49	17.24	17.21	17.23		
10	QPSK	25	0	17.29	17.20	17.18		
10	QPSK	25	12	17.21	17.28	17.21	18.5	0
10	QPSK	25	25	17.27	17.27	17.19		
10	QPSK	50	0	17.27	17.24	17.20		
10	16QAM	1	0	17.27	17.31	17.18		
10	16QAM	1	25	17.24	17.22	17.23	18.5	0
10	16QAM	1	49	17.27	17.22	17.19		
10	16QAM	25	0	17.28	17.23	17.27		
10	16QAM	25	12	17.30	17.20	17.27	18.5	0
10	16QAM	25	25	17.21	17.30	17.23		
10	16QAM	50	0	17.20	17.27	17.21		
10	64QAM	1	0	17.27	17.28	17.19		
10	64QAM	1	25	17.24	17.25	17.18	18.5	0
10	64QAM	1	49	17.23	17.22	17.25		
10	64QAM	25	0	17.19	17.29	17.25		
10	64QAM	25	12	17.23	17.23	17.23	18.5	0
10	64QAM	25	25	17.22	17.21	17.29		
10	64QAM	50	0	17.21	17.28	17.27		
10	256QAM	1	0	17.29	17.29	17.23		
10	256QAM	1	25	17.28	17.22	17.24	18.5	0
10	256QAM	1	49	17.22	17.20	17.28		
10	256QAM	25	0	17.26	17.21	17.22		
10	256QAM	25	12	17.26	17.22	17.24	18.5	0
10	256QAM	25	25	17.22	17.28	17.28		
10	256QAM	50	0	17.29	17.23	17.19		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.23	17.26	17.21		
5	QPSK	1	12	17.20	17.28	17.21	18.5	0
5	QPSK	1	24	17.23	17.21	17.22		
5	QPSK	12	0	17.21	17.22	17.26		
5	QPSK	12	7	17.19	17.26	17.26	18.5	0
5	QPSK	12	13	17.28	17.25	17.29		
5	QPSK	25	0	17.25	17.23	17.22		
5	16QAM	1	0	17.23	17.27	17.26		
5	16QAM	1	12	17.22	17.22	17.20	18.5	0
5	16QAM	1	24	17.21	17.24	17.21		
5	16QAM	12	0	17.21	17.24	17.27		
5	16QAM	12	7	17.24	17.29	17.29	18.5	0
5	16QAM	12	13	17.25	17.25	17.22		
5	16QAM	25	0	17.21	17.21	17.21		
5	64QAM	1	0	17.22	17.30	17.26		
5	64QAM	1	12	17.21	17.26	17.19	18.5	0
5	64QAM	1	24	17.23	17.26	17.20		
5	64QAM	12	0	17.25	17.27	17.29		
5	64QAM	12	7	17.25	17.24	17.25	18.5	0
5	64QAM	12	13	17.18	17.20	17.30		
5	64QAM	25	0	17.25	17.31	17.28		
5	256QAM	1	0	17.23	17.21	17.21		
5	256QAM	1	12	17.22	17.30	17.20	18.5	0
5	256QAM	1	24	17.26	17.22	17.25		
5	256QAM	12	0	17.21	17.22	17.29		
5	256QAM	12	7	17.25	17.20	17.22	18.5	0
5	256QAM	12	13	17.29	17.23	17.23		
5	256QAM	25	0	17.18	17.30	17.26		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.23	17.19	17.22		
3	QPSK	1	8	17.21	17.21	17.24	18.5	0
3	QPSK	1	14	17.29	17.29	17.20		
3	QPSK	8	0	17.28	17.21	17.24		
3	QPSK	8	4	17.26	17.27	17.24	18.5	0
3	QPSK	8	7	17.27	17.29	17.19		
3	QPSK	15	0	17.21	17.28	17.23		
3	16QAM	1	0	17.27	17.23	17.28		
3	16QAM	1	8	17.19	17.29	17.23	18.5	0
3	16QAM	1	14	17.22	17.24	17.22		
3	16QAM	8	0	17.24	17.25	17.19		
3	16QAM	8	4	17.21	17.21	17.25	18.5	0
3	16QAM	8	7	17.30	17.25	17.25		
3	16QAM	15	0	17.23	17.23	17.29		
3	64QAM	1	0	17.26	17.20	17.18		
3	64QAM	1	8	17.25	17.25	17.20	18.5	0
3	64QAM	1	14	17.23	17.23	17.26		
3	64QAM	8	0	17.25	17.24	17.21		
3	64QAM	8	4	17.26	17.21	17.23	18.5	0
3	64QAM	8	7	17.27	17.25	17.23		
3	64QAM	15	0	17.21	17.22	17.30		
3	256QAM	1	0	17.25	17.26	17.24		
3	256QAM	1	8	17.27	17.22	17.28	18.5	0
3	256QAM	1	14	17.21	17.19	17.24		
3	256QAM	8	0	17.20	17.31	17.24		
3	256QAM	8	4	17.24	17.27	17.26	18.5	0
3	256QAM	8	7	17.29	17.21	17.20		
3	256QAM	15	0	17.21	17.23	17.25		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.27	17.27	17.20		
1.4	QPSK	1	3	17.29	17.26	17.18		
1.4	QPSK	1	5	17.23	17.23	17.27	18.5	0
1.4	QPSK	3	0	17.23	17.20	17.27		
1.4	QPSK	3	1	17.27	17.31	17.21		
1.4	QPSK	3	3	17.22	17.22	17.28		
1.4	QPSK	6	0	17.22	17.20	17.22	18.5	0
1.4	16QAM	1	0	17.25	17.28	17.19		
1.4	16QAM	1	3	17.28	17.19	17.18		
1.4	16QAM	1	5	17.18	17.24	17.19	18.5	0
1.4	16QAM	3	0	17.23	17.28	17.29		
1.4	16QAM	3	1	17.28	17.30	17.28		
1.4	16QAM	3	3	17.21	17.28	17.27		
1.4	16QAM	6	0	17.25	17.20	17.26	18.5	0
1.4	64QAM	1	0	17.27	17.28	17.29		
1.4	64QAM	1	3	17.25	17.21	17.24		
1.4	64QAM	1	5	17.27	17.30	17.30	18.5	0
1.4	64QAM	3	0	17.25	17.29	17.21		
1.4	64QAM	3	1	17.24	17.31	17.24		
1.4	64QAM	3	3	17.19	17.30	17.18		
1.4	64QAM	6	0	17.25	17.30	17.25	18.5	0
1.4	256QAM	1	0	17.29	17.22	17.18		
1.4	256QAM	1	3	17.26	17.28	17.20		
1.4	256QAM	1	5	17.23	17.21	17.25	18.5	0
1.4	256QAM	3	0	17.29	17.30	17.19		
1.4	256QAM	3	1	17.22	17.20	17.19		
1.4	256QAM	3	3	17.27	17.24	17.26		
1.4	256QAM	6	0	17.19	17.23	17.22	18.5	0

Band 4 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.16	18.28	18.20	19.4	0
20	QPSK	1	49	18.16	18.21	18.18		
20	QPSK	1	99	18.23	18.19	18.19		
20	QPSK	50	0	18.20	18.25	18.22		
20	QPSK	50	24	18.21	18.14	18.22		
20	QPSK	50	50	18.16	18.15	18.15		
20	QPSK	100	0	18.15	18.19	18.17		
20	16QAM	1	0	18.18	18.18	18.17		
20	16QAM	1	49	18.17	18.17	18.18	19.4	0
20	16QAM	1	99	18.12	18.22	18.18		
20	16QAM	50	0	18.20	18.16	18.13		
20	16QAM	50	24	18.23	18.18	18.22	19.4	0
20	16QAM	50	50	18.14	18.21	18.12		
20	16QAM	100	0	18.15	18.19	18.20		
20	64QAM	1	0	18.23	18.21	18.23		
20	64QAM	1	49	18.19	18.15	18.23	19.4	0
20	64QAM	1	99	18.20	18.18	18.23		
20	64QAM	50	0	18.13	18.17	18.22		
20	64QAM	50	24	18.19	18.14	18.18	19.4	0
20	64QAM	50	50	18.18	18.17	18.17		
20	64QAM	100	0	18.23	18.15	18.19		
20	256QAM	1	0	17.72	17.72	17.69		
20	256QAM	1	49	17.65	17.65	17.57	19	0.4
20	256QAM	1	99	17.66	17.75	17.71		
20	256QAM	50	0	17.76	17.77	17.79		
20	256QAM	50	24	17.70	17.68	17.68	19	0.4
20	256QAM	50	50	17.73	17.76	17.71		
20	256QAM	100	0	17.63	17.75	17.71		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.14	18.19	18.21		
15	QPSK	1	37	18.16	18.19	18.13	19.4	0
15	QPSK	1	74	18.15	18.25	18.17		
15	QPSK	36	0	18.14	18.20	18.22		
15	QPSK	36	20	18.18	18.21	18.13	19.4	0
15	QPSK	36	39	18.23	18.18	18.13		
15	QPSK	75	0	18.21	18.15	18.22		
15	16QAM	1	0	18.20	18.15	18.21		
15	16QAM	1	37	18.17	18.21	18.22	19.4	0
15	16QAM	1	74	18.15	18.16	18.17		
15	16QAM	36	0	18.13	18.18	18.15		
15	16QAM	36	20	18.12	18.18	18.19	19.4	0
15	16QAM	36	39	18.21	18.22	18.16		
15	16QAM	75	0	18.17	18.16	18.23		
15	64QAM	1	0	18.22	18.21	18.15		
15	64QAM	1	37	18.20	18.19	18.13	19.4	0
15	64QAM	1	74	18.23	18.22	18.24		
15	64QAM	36	0	18.12	18.23	18.23		
15	64QAM	36	20	18.21	18.22	18.14	19.4	0
15	64QAM	36	39	18.14	18.19	18.19		
15	64QAM	75	0	18.15	18.18	18.16		
15	256QAM	1	0	17.64	17.65	17.54		
15	256QAM	1	37	17.57	17.63	17.57	19	0.4
15	256QAM	1	74	17.68	17.67	17.65		
15	256QAM	36	0	17.66	17.66	17.77		
15	256QAM	36	20	17.65	17.63	17.64	19	0.4
15	256QAM	36	39	17.64	17.74	17.67		
15	256QAM	75	0	17.61	17.72	17.70		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.18	18.21	18.19		
10	QPSK	1	25	18.19	18.26	18.21	19.4	0
10	QPSK	1	49	18.16	18.21	18.21		
10	QPSK	25	0	18.14	18.21	18.18		
10	QPSK	25	12	18.16	18.22	18.14	19.4	0
10	QPSK	25	25	18.14	18.26	18.23		
10	QPSK	50	0	18.23	18.26	18.16		
10	16QAM	1	0	18.12	18.18	18.23		
10	16QAM	1	25	18.17	18.17	18.20	19.4	0
10	16QAM	1	49	18.22	18.16	18.19		
10	16QAM	25	0	18.17	18.15	18.19		
10	16QAM	25	12	18.16	18.19	18.19	19.4	0
10	16QAM	25	25	18.16	18.17	18.14		
10	16QAM	50	0	18.18	18.15	18.24		
10	64QAM	1	0	18.15	18.22	18.13		
10	64QAM	1	25	18.15	18.22	18.19	19.4	0
10	64QAM	1	49	18.23	18.18	18.17		
10	64QAM	25	0	18.17	18.23	18.18		
10	64QAM	25	12	18.14	18.20	18.13	19.4	0
10	64QAM	25	25	18.16	18.20	18.21		
10	64QAM	50	0	18.24	18.22	18.16		
10	256QAM	1	0	17.61	17.59	17.53		
10	256QAM	1	25	17.52	17.65	17.51	19	0.4
10	256QAM	1	49	17.67	17.69	17.60		
10	256QAM	25	0	17.78	17.77	17.68		
10	256QAM	25	12	17.56	17.68	17.61	19	0.4
10	256QAM	25	25	17.67	17.71	17.64		
10	256QAM	50	0	17.59	17.61	17.66		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.14	18.17	18.15		
5	QPSK	1	12	18.16	18.16	18.16	19.4	0
5	QPSK	1	24	18.15	18.14	18.15		
5	QPSK	12	0	18.15	18.22	18.22		
5	QPSK	12	7	18.12	18.17	18.19	19.4	0
5	QPSK	12	13	18.20	18.19	18.15		
5	QPSK	25	0	18.19	18.18	18.18		
5	16QAM	1	0	18.23	18.19	18.14		
5	16QAM	1	12	18.22	18.21	18.24	19.4	0
5	16QAM	1	24	18.21	18.15	18.19		
5	16QAM	12	0	18.18	18.19	18.22		
5	16QAM	12	7	18.18	18.23	18.24	19.4	0
5	16QAM	12	13	18.21	18.26	18.19		
5	16QAM	25	0	18.17	18.18	18.22		
5	64QAM	1	0	18.18	18.22	18.24		
5	64QAM	1	12	18.23	18.17	18.20	19.4	0
5	64QAM	1	24	18.13	18.24	18.19		
5	64QAM	12	0	18.21	18.15	18.15		
5	64QAM	12	7	18.16	18.17	18.18	19.4	0
5	64QAM	12	13	18.13	18.26	18.15		
5	64QAM	25	0	18.18	18.25	18.17		
5	256QAM	1	0	17.77	17.77	17.63		
5	256QAM	1	12	17.52	17.66	17.50	19	0.4
5	256QAM	1	24	17.69	17.64	17.65		
5	256QAM	12	0	17.68	17.77	17.66		
5	256QAM	12	7	17.60	17.66	17.66	19	0.4
5	256QAM	12	13	17.63	17.74	17.59		
5	256QAM	25	0	17.54	17.63	17.62		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.17	18.17	18.22		
3	QPSK	1	8	18.24	18.22	18.18	19.4	0
3	QPSK	1	14	18.22	18.26	18.20		
3	QPSK	8	0	18.17	18.20	18.17		
3	QPSK	8	4	18.14	18.19	18.16	19.4	0
3	QPSK	8	7	18.21	18.25	18.17		
3	QPSK	15	0	18.15	18.25	18.15		
3	16QAM	1	0	18.14	18.23	18.12		
3	16QAM	1	8	18.22	18.19	18.12	19.4	0
3	16QAM	1	14	18.24	18.20	18.24		
3	16QAM	8	0	18.17	18.22	18.21		
3	16QAM	8	4	18.22	18.25	18.14	19.4	0
3	16QAM	8	7	18.18	18.15	18.18		
3	16QAM	15	0	18.16	18.16	18.13		
3	64QAM	1	0	18.22	18.25	18.22		
3	64QAM	1	8	18.18	18.16	18.20	19.4	0
3	64QAM	1	14	18.17	18.21	18.14		
3	64QAM	8	0	18.18	18.22	18.14		
3	64QAM	8	4	18.14	18.18	18.13	19.4	0
3	64QAM	8	7	18.21	18.17	18.19		
3	64QAM	15	0	18.21	18.21	18.20		
3	256QAM	1	0	17.66	17.72	17.55		
3	256QAM	1	8	17.58	17.60	17.57	19	0.4
3	256QAM	1	14	17.68	17.66	17.57		
3	256QAM	8	0	17.77	17.72	17.65		
3	256QAM	8	4	17.58	17.69	17.61	19	0.4
3	256QAM	8	7	17.62	17.72	17.65		
3	256QAM	15	0	17.52	17.73	17.68		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.14	18.23	18.16		
1.4	QPSK	1	3	18.23	18.25	18.16		
1.4	QPSK	1	5	18.14	18.23	18.18	19.4	0
1.4	QPSK	3	0	18.14	18.21	18.13		
1.4	QPSK	3	1	18.12	18.18	18.16		
1.4	QPSK	3	3	18.22	18.16	18.16		
1.4	QPSK	6	0	18.16	18.24	18.21	19.4	0
1.4	16QAM	1	0	18.13	18.18	18.23		
1.4	16QAM	1	3	18.16	18.18	18.14		
1.4	16QAM	1	5	18.20	18.19	18.18	19.4	0
1.4	16QAM	3	0	18.15	18.18	18.17		
1.4	16QAM	3	1	18.21	18.22	18.14		
1.4	16QAM	3	3	18.13	18.23	18.23		
1.4	16QAM	6	0	18.22	18.18	18.19	19.4	0
1.4	64QAM	1	0	18.21	18.17	18.16		
1.4	64QAM	1	3	18.21	18.18	18.22		
1.4	64QAM	1	5	18.19	18.24	18.18	19.4	0
1.4	64QAM	3	0	18.24	18.19	18.22		
1.4	64QAM	3	1	18.16	18.17	18.13		
1.4	64QAM	3	3	18.20	18.21	18.13		
1.4	64QAM	6	0	18.21	18.18	18.23	19.4	0
1.4	256QAM	1	0	17.53	17.56	17.59		
1.4	256QAM	1	3	17.52	17.65	17.38		
1.4	256QAM	1	5	17.64	17.71	17.45	19	0.4
1.4	256QAM	3	0	17.68	17.59	17.69		
1.4	256QAM	3	1	17.55	17.56	17.46		
1.4	256QAM	3	3	17.54	17.69	17.64		
1.4	256QAM	6	0	17.50	17.62	17.53	19	0.4

Band 7 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.06	17.08	17.06	18.2	0
20	QPSK	1	49	16.96	17.03	16.97		
20	QPSK	1	99	17.04	17.05	17.05		
20	QPSK	50	0	17.06	17.07	17.03		
20	QPSK	50	24	16.97	17.06	17.00		
20	QPSK	50	50	17.03	16.98	17.05		
20	QPSK	100	0	16.98	17.03	16.99		
20	16QAM	1	0	17.05	16.99	17.01		
20	16QAM	1	49	16.98	17.00	17.06	18.2	0
20

Band 38 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.45	20.51	20.49	21.6	0
20	QPSK	1	49	20.37	20.38	20.44		
20	QPSK	1	99	20.42	20.40	20.35		
20	QPSK	50	0	20.46	20.48	20.43	21.6	0
20	QPSK	50	24	20.37	20.38	20.35		
20	QPSK	50	50	20.45	20.43	20.39		
20	QPSK	100	0	20.43	20.47	20.41		
20	16QAM	1	0	20.44	20.45	20.35	21.6	0
20	16QAM	1	49	20.42	20.41	20.38		
20	16QAM	1	99	20.41	20.39	20.39		
20	16QAM	50	0	20.45	20.47	20.39	21.6	0
20	16QAM	50	24	20.37	20.42	20.36		
20	16QAM	50	50	20.40	20.38	20.34		
20	16QAM	100	0	20.34	20.40	20.40		
20	64QAM	1	0	20.46	20.37	20.36	21.6	0
20	64QAM	1	49	20.34	20.41	20.45		
20	64QAM	1	99	20.34	20.43	20.43		
20	64QAM	50	0	20.36	20.45	20.37	21	0.6
20	64QAM	50	24	20.44	20.40	20.36		
20	64QAM	50	50	20.36	20.45	20.42		
20	64QAM	100	0	20.43	20.43	20.38		
20	256QAM	1	0	18.38	18.40	18.41	19	2.6
20	256QAM	1	49	18.32	18.37	18.31		
20	256QAM	1	99	18.37	18.32	18.36		
20	256QAM	50	0	18.39	18.36	18.33	19	2.6
20	256QAM	50	24	18.37	18.37	18.30		
20	256QAM	50	50	18.35	18.34	18.40		
20	256QAM	100	0	18.35	18.39	18.35		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.40	20.44	20.39	21.6	0
15	QPSK	1	37	20.42	20.42	20.36		
15	QPSK	1	74	20.42	20.43	20.36		
15	QPSK	36	0	20.40	20.46	20.39	21.6	0
15	QPSK	36	20	20.42	20.36	20.43		
15	QPSK	36	39	20.42	20.44	20.45		
15	QPSK	75	0	20.45	20.47	20.38		
15	16QAM	1	0	20.40	20.42	20.40	21.6	0
15	16QAM	1	37	20.46	20.43	20.39		
15	16QAM	1	74	20.41	20.41	20.41		
15	16QAM	36	0	20.36	20.39	20.35	21.6	0
15	16QAM	36	20	20.35	20.45	20.41		
15	16QAM	36	39	20.35	20.45	20.46		
15	16QAM	75	0	20.42	20.36	20.40		
15	64QAM	1	0	20.41	20.45	20.46	21.6	0
15	64QAM	1	37	20.41	20.46	20.45		
15	64QAM	1	74	20.44	20.40	20.39		
15	64QAM	36	0	20.38	20.43	20.36	21	0.6
15	64QAM	36	20	20.34	20.46	20.37		
15	64QAM	36	39	20.38	20.39	20.36		
15	64QAM	75	0	20.39	20.42	20.39		
15	256QAM	1	0	18.33	18.41	18.35	19	2.6
15	256QAM	1	37	18.39	18.43	18.32		
15	256QAM	1	74	18.40	18.36	18.34		
15	256QAM	36	0	18.40	18.40	18.37	19	2.6
15	256QAM	36	20	18.33	18.37	18.36		
15	256QAM	36	39	18.41	18.41	18.35		
15	256QAM	75	0	18.40	18.33	18.40		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.37	20.40	20.40	21.6	0
10	QPSK	1	25	20.46	20.43	20.41		
10	QPSK	1	49	20.39	20.43	20.42		
10	QPSK	25	0	20.38	20.38	20.40	21.6	0
10	QPSK	25	12	20.34	20.47	20.42		
10	QPSK	25	25	20.45	20.41	20.35		
10	QPSK	50	0	20.41	20.42	20.46		
10	16QAM	1	0	20.35	20.37	20.36	21.6	0
10	16QAM	1	25	20.37	20.39	20.40		
10	16QAM	1	49	20.37	20.37	20.37		
10	16QAM	25	0	20.36	20.44	20.35	21.6	0
10	16QAM	25	12	20.45	20.43	20.38		
10	16QAM	25	25	20.45	20.40	20.40		
10	16QAM	50	0	20.45	20.44	20.39		
10	64QAM	1	0	20.39	20.48	20.36	21.6	0
10	64QAM	1	25	20.35	20.46	20.37		
10	64QAM	1	49	20.34	20.47	20.44		
10	64QAM	25	0	20.37	20.43	20.44	21	0.6
10	64QAM	25	12	20.34	20.42	20.46		
10	64QAM	25	25	20.36	20.45	20.41		
10	64QAM	50	0	20.44	20.44	20.40		
10	256QAM	1	0	18.33	18.34	18.34	19	2.6
10	256QAM	1	25	18.40	18.33	18.39		
10	256QAM	1	49	18.38	18.34	18.29		
10	256QAM	25	0	18.35	18.36	18.34	19	2.6
10	256QAM	25	12	18.35	18.42	18.31		
10	256QAM	25	25	18.38	18.33	18.36		
10	256QAM	50	0	18.38	18.31	18.37		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.43	20.38	20.34	21.6	0
5	QPSK	1	12	20.45	20.44	20.39		
5	QPSK	1	24	20.40	20.42	20.41		
5	QPSK	12	0	20.38	20.46	20.43	21.6	0
5	QPSK	12	7	20.35	20.47	20.37		
5	QPSK	12	13	20.38	20.38	20.41		
5	QPSK	25	0	20.35	20.41	20.43		
5	16QAM	1	0	20.39	20.48	20.45	21.6	0
5	16QAM	1	12	20.43	20.42	20.39		
5	16QAM	1	24	20.36	20.46	20.39		
5	16QAM	12	0	20.44	20.40	20.35	21.6	0
5	16QAM	12	7	20.36	20.41	20.35		
5	16QAM	12	13	20.38	20.47	20.37		
5	16QAM	25	0	20.39	20.40	20.44		
5	64QAM	1	0	20.40	20.43	20.42	21.6	0
5	64QAM	1	12	20.43	20.47	20.38		
5	64QAM	1	24	20.44	20.36	20.36		
5	64QAM	12	0	20.35	20.45	20.46	21	0.6
5	64QAM	12	7	20.44	20.39	20.46		
5	64QAM	12	13	20.40	20.48	20.35		
5	64QAM	25	0	20.42	20.42	20.36		
5	256QAM	1	0	18.39	18.40	18.34	19	2.6
5	256QAM	1	12	18.40	18.38	18.32		
5	256QAM	1	24	18.39	18.32	18.37		
5	256QAM	12	0	18.32	18.34	18.41	19	2.6
5	256QAM	12	7	18.29	18.38	18.33		
5	256QAM	12	13	18.39	18.35	18.34		
5	256QAM	25	0	18.35	18.38	18.31		

Band 41 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.52	20.51	20.54	20.48	20.52	21.6	0
20	QPSK	1	49	20.43	20.46	20.45	20.52	20.44		
20	QPSK	1	99	20.42	20.45	20.50	20.43	20.48		
20	QPSK	50	0	20.49	20.47	20.52	20.44	20.49	21.6	0
20	QPSK	50	24	20.49	20.45	20.51	20.51	20.50		
20	QPSK	50	50	20.47	20.51	20.45	20.47	20.49		
20	QPSK	100	0	20.45	20.46	20.48	20.44	20.43		
20	16QAM	1	0	20.53	20.44	20.44	20.42	20.53	21.6	0
20	16QAM	1	49	20.48	20.45	20.52	20.50	20.44		
20	16QAM	1	99	20.44	20.42	20.51	20.44	20.48		
20	16QAM	50	0	20.45	20.46	20.44	20.49	20.44	21.6	0
20	16QAM	50	24	20.51	20.45	20.50	20.43	20.43		
20	16QAM	50	50	20.51	20.42	20.38	20.45	20.51		
20	16QAM	100	0	20.48	20.49	20.47	20.48	20.50		
20	64QAM	1	0	20.47	20.44	20.45	20.52	20.53	21.6	0
20	64QAM	1	49	20.44	20.44	20.44	20.42	20.44		
20	64QAM	1	99	20.42	20.48	20.44	20.52	20.41		
20	64QAM	50	0	20.43	20.44	20.44	20.50	20.52	21	0.6
20	64QAM	50	24	20.51	20.46	20.50	20.51	20.43		
20	64QAM	50	50	20.43	20.44	20.48	20.45	20.43		
20	64QAM	100	0	20.43	20.46	20.51	20.49	20.51		
20	256QAM	1	0	18.38	18.37	18.45	18.36	18.37	19	2.6
20	256QAM	1	49	18.45	18.45	18.48	18.40	18.45		
20	256QAM	1	99	18.43	18.46	18.43	18.47	18.47		
20	256QAM	50	0	18.41	18.44	18.47	18.39	18.45	19	2.6
20	256QAM	50	24	18.42	18.42	18.47	18.38	18.45		
20	256QAM	50	50	18.43	18.42	18.44	18.36	18.39		
20	256QAM	100	0	18.44	18.38	18.42	18.42	18.35		
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	20.34	20.36	20.46	20.37	20.37	22	0
15	QPSK	1	37	20.42	20.46	20.36	20.43	20.43		
15	QPSK	1	74	20.44	20.40	20.40	20.39	20.35		
15	QPSK	36	0	20.42	20.41	20.42	20.44	20.45	21.6	0
15	QPSK	36	20	20.35	20.46	20.38	20.39	20.40		
15	QPSK	36	39	20.36	20.38	20.38	20.41	20.46		
15	QPSK	75	0	20.40	20.41	20.40	20.43	20.36		
15	16QAM	1	0	20.36	20.45	20.38	20.40	20.38	21.6	0
15	16QAM	1	37	20.37	20.45	20.45	20.34	20.44		
15	16QAM	1	74	20.45	20.43	20.39	20.39	20.37		
15	16QAM	36	0	20.45	20.37	20.39	20.44	20.44	21.6	0
15	16QAM	36	20	20.40	20.38	20.40	20.46	20.43		
15	16QAM	36	39	20.37	20.34	20.44	20.36	20.41		
15	16QAM	75	0	20.44	20.37	20.47	20.44	20.36		
15	64QAM	1	0	20.41	20.35	20.39	20.45	20.34	21.6	0
15	64QAM	1	37	20.36	20.41	20.37	20.39	20.36		
15	64QAM	1	74	20.44	20.41	20.44	20.38	20.44		
15	64QAM	36	0	20.42	20.42	20.47	20.35	20.40	21	0.6
15	64QAM	36	20	20.43	20.35	20.36	20.43	20.34		
15	64QAM	36	39	20.36	20.45	20.37	20.35	20.35		
15	64QAM	75	0	20.38	20.42	20.47	20.36	20.45		
15	256QAM	1	0	18.37	18.39	18.35	18.38	18.38	19	2.6
15	256QAM	1	37	18.33	18.32	18.31	18.35	18.34		
15	256QAM	1	74	18.38	18.37	18.34	18.40	18.37		
15	256QAM	36	0	18.33	18.33	18.40	18.39	18.31	19	2.6
15	256QAM	36	20	18.38	18.37	18.41	18.38	18.37		
15	256QAM	36	39	18.34	18.40	18.32	18.34	18.33		
15	256QAM	75	0	18.39	18.34	18.40	18.36	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	20.36	20.39	20.44	20.44	20.45	22	0
10	QPSK	1	25	20.44	20.45	20.39	20.39	20.35		
10	QPSK	1	49	20.35	20.37	20.42	20.45	20.42		
10	QPSK	25	0	20.38	20.38	20.45	20.38	20.37	21.6	0
10	QPSK	25	12	20.45	20.41	20.43	20.44	20.45		
10	QPSK	25	25	20.38	20.36	20.41	20.44	20.36		
10	QPSK	50	0	20.42	20.36	20.38	20.39	20.45		
10	16QAM	1	0	20.41	20.41	20.46	20.41	20.44	21.6	0
10	16QAM	1	25	20.42	20.36	20.44	20.43	20.45		
10	16QAM	1	49	20.43	20.34	20.44	20.41	20.39		
10	16QAM	25	0	20.41	20.37	20.40	20.41	20.44	21.6	0
10	16QAM	25	12	20.43	20.37	20.40	20.37	20.42		
10	16QAM	25	25	20.45	20.37	20.46	20.38	20.44		
10	16QAM	50	0	20.42	20.34	20.44	20.42	20.43		
10	64QAM	1	0	20.36	20.44	20.45	20.41	20.41	21.6	0
10	64QAM	1	25	20.40	20.43	20.44	20.36	20.43		
10	64QAM	1	49	20.37	20.41	20.39	20.38	20.45		
10	64QAM	25	0	20.40	20.45	20.37	20.44	20.36	21	0.6
10	64QAM	25	12	20.41	20.37	20.38	20.46	20.39		
10	64QAM	25	25	20.41	20.34	20.37	20.45	20.44		
10	64QAM	50	0	20.45	20.43	20.45	20.38	20.44		
10	256QAM	1	0	18.30	18.36	18.41	18.36	18.38	19	2.6
10	256QAM	1	25	18.33	18.32	18.42	18.34	18.40		
10	256QAM	1	49	18.30	18.36	18.35	18.35	18.37		
10	256QAM	25	0	18.32	18.32	18.40	18.35	18.36	19	2.6
10	256QAM	25	12	18.34	18.37	18.31	18.31	18.39		
10	256QAM	25	25	18.30	18.30	18.41	18.35	18.31		
10	256QAM	50	0	18.39	18.37	18.43	18.35	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	20.46	20.44	20.41	20.41	20.45	22	0
5	QPSK	1	12	20.44	20.37	20.47	20.37	20.36		
5	QPSK	1	24	20.41	20.43	20.47	20.34	20.36		
5	QPSK	12	0	20.40	20.44	20.38	20.37	20.40	21.6	0
5	QPSK	12	7	20.39	20.45	20.39	20.39	20.42		
5	QPSK	12	13	20.45	20.42	20.39	20.35	20.35		
5	QPSK	25	0	20.35	20.45	20.39	20.44	20.45		
5	16QAM	1	0	20.45	20.40	20.45	20.46	20.39	21.6	0
5	16QAM	1	12	20.42	20.37	20.47	20.35	20.37		
5	16QAM	1	24	20.40	20.42	20.46	20.36	20.36		
5	16QAM	12	0	20.42	20.41	20.44	20.39	20.35	21.6	0
5	16QAM	12	7	20.36	20.40	20.38	20.40	20.45		
5	16QAM	12	13	20.42	20.46	20.42	20.39	20.38		
5	16QAM	25	0	20.34	20.38	20.38	20.43	20.43		
5	64QAM	1	0	20.45	20.37	20.47	20.45	20.35	21.6	0
5	64QAM	1	12	20.37	20.40	20.44	20.36	20.36		
5	64QAM	1	24	20.37	20.37	20.45	20.45	20.45		
5	64QAM	12	0	20.35	20.37	20.42	20.43	20.40	21	0.6
5	64QAM	12	7	20.36	20.41	20.46	20.38	20.36		
5	64QAM	12	13	20.40	20.40	20.37	20.35	20.41		
5	64QAM	25	0	20.42	20.34	20.47	20.41	20.36		
5	256QAM	1	0	18.36	18.37	18.36	18.35	18.30	19	2.6
5	256QAM	1	12	18.30	18.34	18.37	18.29	18.30		
5	256QAM	1	24	18.38	18.32	18.36	18.35	18.40		
5	256QAM	12	0	18.40	18.40	18.39	18.36	18.29	19	2.6
5	256QAM	12	7	18.40	18.34	18.40	18.37	18.39		
5	256QAM	12	13	18.34	18.29	18.34	18.39	18.31		
5	256QAM	25	0	18.31	18.31	18.33	18.33	18.32		

Reduced Power Mode for ECI6_Other PA

Band 2 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.88	20.95	20.92		
20	QPSK	1	49	20.93	20.89	20.86	22.3	0
20	QPSK	1	99	20.92	20.87	20.85		
20	QPSK	50	0	20.84	20.93	20.84		
20	QPSK	50	24	20.86	20.88	20.91	22	0.3
20	QPSK	50	50	20.86	20.91	20.87		
20	QPSK	100	0	20.89	20.91	20.87		
20	16QAM	1	0	20.83	20.90	20.84		
20	16QAM	1	49	20.84	20.84	20.91	22	0.3
20	16QAM	1	99	20.91	20.91	20.92		
20	16QAM	50	0	19.88	19.95	19.92		
20	16QAM	50	24	19.82	19.89	19.88	21	1.3
20	16QAM	50	50	19.82	19.91	19.87		
20	16QAM	100	0	19.90	19.93	19.86		
20	64QAM	1	0	19.88	19.93	19.83		
20	64QAM	1	49	19.83	19.87	19.86	21	1.3
20	64QAM	1	99	19.81	19.88	19.84		
20	64QAM	50	0	18.95	18.96	18.88		
20	64QAM	50	24	18.93	18.94	18.83	20	2.3
20	64QAM	50	50	18.83	18.92	18.86		
20	64QAM	100	0	18.86	18.89	18.79		
20	256QAM	1	0	16.88	16.89	16.83		
20	256QAM	1	49	16.79	16.87	16.78	18	4.3
20	256QAM	1	99	16.90	16.91	16.85		
20	256QAM	50	0	16.96	16.96	16.95		
20	256QAM	50	24	16.85	16.92	16.84	18	4.3
20	256QAM	50	50	16.85	16.93	16.86		
20	256QAM	100	0	16.82	16.91	16.90		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.78	20.90	20.83		
15	QPSK	1	37	20.88	20.93	20.81	22.3	0
15	QPSK	1	74	20.80	20.90	20.82		
15	QPSK	36	0	20.87	20.84	20.79		
15	QPSK	36	20	20.85	20.80	20.82	22	0.3
15	QPSK	36	39	20.79	20.86	20.77		
15	QPSK	75	0	20.87	20.81	20.79		
15	16QAM	1	0	20.83	20.91	20.78		
15	16QAM	1	37	20.79	20.86	20.79	22	0.3
15	16QAM	1	74	20.80	20.91	20.89		
15	16QAM	36	0	19.86	19.84	19.87		
15	16QAM	36	20	19.70	19.79	19.78	21	1.3
15	16QAM	36	39	19.72	19.81	19.79		
15	16QAM	75	0	19.86	19.89	19.76		
15	64QAM	1	0	19.78	19.86	19.78		
15	64QAM	1	37	19.80	19.81	19.84	21	1.3
15	64QAM	1	74	19.72	19.76	19.80		
15	64QAM	36	0	18.92	18.86	18.81		
15	64QAM	36	20	18.89	18.83	18.79	20	2.3
15	64QAM	36	39	18.71	18.85	18.84		
15	64QAM	75	0	18.77	18.86	18.72		
15	256QAM	1	0	16.83	16.78	16.79		
15	256QAM	1	37	16.75	16.81	16.73	18	4.3
15	256QAM	1	74	16.86	16.82	16.74		
15	256QAM	36	0	16.89	16.88	16.93		
15	256QAM	36	20	16.90	16.90	16.73	18	4.3
15	256QAM	36	39	16.77	16.91	16.84		
15	256QAM	75	0	16.75	16.86	16.80		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
10	QPSK	1	0	20.82	20.88	20.85		
10	QPSK	1	25	20.80	20.83	20.83	22.3	0
10	QPSK	1	49	20.85	20.79	20.84		
10	QPSK	25	0	20.81	20.79	20.80		
10	QPSK	25	12	20.79	20.85	20.81	22	0.3
10	QPSK	25	25	20.79	20.82	20.79		
10	QPSK	50	0	20.78	20.80	20.85		
10	16QAM	1	0	20.84	20.87	20.79		
10	16QAM	1	25	20.81	20.87	20.87	22	0.3
10	16QAM	1	49	20.87	20.83	20.85		
10	16QAM	25	0	19.79	19.89	19.91		
10	16QAM	25	12	19.76	19.79	19.79	21	1.3
10	16QAM	25	25	19.74	19.82	19.86		
10	16QAM	50	0	19.78	19.85	19.84		
10	64QAM	1	0	19.76	19.88	19.75		
10	64QAM	1	25	19.81	19.85	19.74	21	1.3
10	64QAM	1	49	19.79	19.77	19.78		
10	64QAM	25	0	18.90	18.95	18.87		
10	64QAM	25	12	18.83	18.84	18.73	20	2.3
10	64QAM	25	25	18.78	18.87	18.74		
10	64QAM	50	0	18.77	18.83	18.71		
10	256QAM	1	0	16.86	16.81	16.79		
10	256QAM	1	25	16.69	16.74	16.75	18	4.3
10	256QAM	1	49	16.85	16.83	16.81		
10	256QAM	25	0	16.84	16.88	16.91		
10	256QAM	25	12	16.73	16.82	16.80	18	4.3
10	256QAM	25	25	16.72	16.84	16.75		
10	256QAM	50	0	16.70	16.88	16.79		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.5	1880	1907.5		
5	QPSK	1	0	20.78	20.82	20.78		
5	QPSK	1	12	20.86	20.85	20.85	22.3	0
5	QPSK	1	24	20.82	20.83	20.77		
5	QPSK	12	0	20.78	20.88	20.87		
5	QPSK	12	7	20.77	20.90	20.81	22	0.3
5	QPSK	12	13	20.83	20.89	20.86		
5	QPSK	25	0	20.78	20.84	20.81		
5	16QAM	1	0	20.84	20.90	20.80		
5	16QAM	1	12	20.82	20.86	20.81	22	0.3
5	16QAM	1	24	20.84	20.86	20.87		
5	16QAM	12	0	19.80	19.83	19.81		
5	16QAM	12	7	19.74	19.82	19.80	21	1.3
5	16QAM	12	13	19.78	19.80	19.74		
5	16QAM	25	0	19.78	19.80	19.77		
5	64QAM	1	0	19.78	19.89	19.82		
5	64QAM	1	12	19.71	19.77	19.78	21	1.3
5	64QAM	1	24	19.72	19.85	19.80		
5	64QAM	12	0	18.85	18.89	18.82		
5	64QAM	12	7	18.81	18.84	18.73	20	2.3
5	64QAM	12	13	18.77	18.87	18.83		
5	64QAM	25	0	18.82	18.83	18.88		
5	256QAM	1	0	16.78	16.85	16.72		
5	256QAM	1	12	16.71	16.76	16.67	18	4.3
5	256QAM	1	24	16.85	16.88	16.79		
5	256QAM	12	0	16.84	16.87	16.87		
5	256QAM	12	7	16.79	16.85	16.74	18	4.3
5	256QAM	12	13	16.82	16.81	16.83		
5	256QAM	25	0	16.79	16.88	16.77		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.84	20.86	20.80		
3	QPSK	1	8	20.77	20.82	20.88	22.3	0
3	QPSK	1	14	20.82	20.88	20.80		
3	QPSK	8	0	20.83	20.81	20.82		
3	QPSK	8	4	20.79	20.90	20.78	22	0.3
3	QPSK	8	7	20.86	20.83	20.78		
3	QPSK	15	0	20.79	20.86	20.86		
3	16QAM	1	0	20.86	20.87	20.85		
3	16QAM	1	8	20.88	20.83	20.84	22	0.3
3	16QAM	1	14	20.83	20.87	20.83		
3	16QAM	8	0	19.83	19.91	19.91		
3	16QAM	8	4	19.80	19.79	19.84	21	1.3
3	16QAM	8	7	19.78	19.81	19.78		
3	16QAM	15	0	19.83	19.84	19.77		
3	64QAM	1	0	19.87	19.92	19.81		
3	64QAM	1	8	19.81	19.81	19.75	21	1.3
3	64QAM	1	14	19.72	19.82	19.81		
3	64QAM	8	0	18.85	18.92	18.80		
3	64QAM	8	4	18.84	18.86	18.72	20	2.3
3	64QAM	8	7	18.79	18.87	18.85		
3	64QAM	15	0	18.82	18.81	18.67		
3	256QAM	1	0	16.79	16.80	16.75		
3	256QAM	1	8	16.71	16.81	16.66	18	4.3
3	256QAM	1	14	16.79	16.80	16.73		
3	256QAM	8	0	16.90	16.89	16.85		
3	256QAM	8	4	16.80	16.81	16.76	18	4.3
3	256QAM	8	7	16.80	16.84	16.81		
3	256QAM	15	0	16.78	16.82	16.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.78	20.82	20.78		
1.4	QPSK	1	3	20.87	20.86	20.84		
1.4	QPSK	1	5	20.89	20.86	20.83	22.3	0
1.4	QPSK	3	0	20.81	20.79	20.88		
1.4	QPSK	3	1	20.87	20.90	20.87		
1.4	QPSK	3	3	20.79	20.79	20.89		
1.4	QPSK	6	0	20.82	20.91	20.89	22	0.3
1.4	16QAM	1	0	20.86	20.89	20.78		
1.4	16QAM	1	3	20.81	20.81	20.82		
1.4	16QAM	1	5	20.88	20.84	20.78	22	0.3
1.4	16QAM	3	0	20.82	20.85	20.79		
1.4	16QAM	3	1	20.85	20.88	20.84		
1.4	16QAM	3	3	20.78	20.82	20.89		
1.4	16QAM	6	0	19.84	19.92	19.89	21	1.3
1.4	64QAM	1	0	19.76	19.80	19.81		
1.4	64QAM	1	3	19.79	19.86	19.91		
1.4	64QAM	1	5	19.88	19.84	19.82	21	1.3
1.4	64QAM	3	0	19.83	19.90	19.74		
1.4	64QAM	3	1	19.81	19.74	19.85		
1.4	64QAM	3	3	19.77	19.77	19.81		
1.4	64QAM	6	0	18.84	18.87	18.79	20	2.3
1.4	256QAM	1	0	16.82	16.85	16.77		
1.4	256QAM	1	3	16.72	16.85	16.66		
1.4	256QAM	1	5	16.82	16.89	16.74	18	4.3
1.4	256QAM	3	0	16.87	16.83	16.91		
1.4	256QAM	3	1	16.78	16.83	16.75		
1.4	256QAM	3	3	16.78	16.90	16.83		
1.4	256QAM	6	0	16.78	16.90	16.78	18	4.3

Band 4 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.91	21.95	21.93		
20	QPSK	1	49	21.89	21.84	21.85	23	0
20	QPSK	1	99	21.90	21.90	21.83		
20	QPSK	50	0	20.93	20.97	20.96		
20	QPSK	50	24	20.92	20.89	20.81	22	1
20	QPSK	50	50	20.87	20.87	20.80		
20	QPSK	100	0	20.89	20.92	20.87		
20	16QAM	1	0	20.92	20.94	20.96		
20	16QAM	1	49	20.91	20.94	20.96	22	1
20	16QAM	1	99	20.82	20.96	20.81		
20	16QAM	50	0	19.94	19.94	19.88		
20	16QAM	50	24	19.77	19.94	19.93	21	2
20	16QAM	50	50	19.88	19.96	19.88		
20	16QAM	100	0	19.88	19.95	19.91		
20	64QAM	1	0	19.90	19.93	19.81		
20	64QAM	1	49	19.85	19.89	19.90	21	2
20	64QAM	1	99	19.83	19.92	19.80		
20	64QAM	50	0	18.98	18.93	18.90		
20	64QAM	50	24	18.94	18.96	18.89	20	3
20	64QAM	50	50	18.82	18.87	18.86		
20	64QAM	100	0	18.89	18.86	18.78		
20	256QAM	1	0	16.82	16.94	16.77		
20	256QAM	1	49	16.78	16.93	16.72	18	5
20	256QAM	1	99	16.92	16.90	16.90		
20	256QAM	50	0	16.91	16.90	16.99		
20	256QAM	50	24	16.86	16.97	16.79	18	5
20	256QAM	50	50	16.85	16.91	16.87		
20	256QAM	100	0	16.79	16.92	16.90		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.86	21.89	21.88		
15	QPSK	1	37	21.76	21.81	21.79	23	0
15	QPSK	1	74	21.79	21.80	21.82		
15	QPSK	36	0	20.86	20.88	20.93		
15	QPSK	36	20	20.87	20.88	20.74	22	1
15	QPSK	36	39	20.74	20.83	20.73		
15	QPSK	75	0	20.84	20.88	20.74		
15	16QAM	1	0	20.82	20.87	20.87		
15	16QAM	1	37	20.87	20.92	20.89	22	1
15	16QAM	1	74	20.71	20.84	20.72		
15	16QAM	36	0	19.76	19.91	19.88		
15	16QAM	36	20	19.80	19.78	19.79	21	2
15	16QAM	36	39	19.81	19.94	19.76		
15	16QAM	75	0	19.89	19.89	19.77		
15	64QAM	1	0	19.78	19.85	19.74		
15	64QAM	1	37	19.73	19.75	19.76	21	2
15	64QAM	1	74	19.71	19.81	19.75		
15	64QAM	36	0	18.80	18.86	18.86		
15	64QAM	36	20	18.89	18.83	18.74	20	3
15	64QAM	36	39	18.75	18.86	18.80		
15	64QAM	75	0	18.75	18.85	18.70		
15	256QAM	1	0	16.86	16.78	16.77		
15	256QAM	1	37	16.74	16.80	16.75	18	5
15	256QAM	1	74	16.77	16.80	16.74		
15	256QAM	36	0	16.90	16.87	16.94		
15	256QAM	36	20	16.82	16.89	16.75	18	5
15	256QAM	36	39	16.75	16.90	16.83		
15	256QAM	75	0	16.77	16.82	16.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.83	21.91	21.88		
10	QPSK	1	25	21.79	21.79	21.71	23	0
10	QPSK	1	49	21.79	21.80	21.79		
10	QPSK	25	0	20.83	20.92	20.88		
10	QPSK	25	12	20.81	20.82	20.82	22	1
10	QPSK	25	25	20.79	20.87	20.73		
10	QPSK	50	0	20.77	20.82	20.76		
10	16QAM	1	0	20.90	20.87	20.82		
10	16QAM	1	25	20.88	20.90	20.90	22	1
10	16QAM	1	49	20.77	20.86	20.72		
10	16QAM	25	0	19.84	19.89	19.83		
10	16QAM	25	12	19.69	19.83	19.87	21	2
10	16QAM	25	25	19.79	19.89	19.76		
10	16QAM	50	0	19.87	19.88	19.77		
10	64QAM	1	0	19.79	19.84	19.80		
10	64QAM	1	25	19.82	19.80	19.74	21	2
10	64QAM	1	49	19.69	19.76	19.75		
10	64QAM	25	0	18.91	18.88	18.77		
10	64QAM	25	12	18.90	18.83	18.80	20	3
10	64QAM	25	25	18.75	18.90	18.75		
10	64QAM	50	0	18.79	18.82	18.68		
10	256QAM	1	0	16.80	16.77	16.80		
10	256QAM	1	25	16.66	16.77	16.76	18	5
10	256QAM	1	49	16.82	16.83	16.79		
10	256QAM	25	0	16.81	16.86	16.91		
10	256QAM	25	12	16.78	16.87	16.78	18	5
10	256QAM	25	25	16.73	16.87	16.77		
10	256QAM	50	0	16.73	16.83	16.67		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.85	21.89	21.78		
5	QPSK	1	12	21.74	21.81	21.75	23	0
5	QPSK	1	24	21.86	21.85	21.77		
5	QPSK	12	0	20.85	20.89	20.81		
5	QPSK	12	7	20.84	20.82	20.73	22	1
5	QPSK	12	13	20.76	20.82	20.70		
5	QPSK	25	0	20.83	20.86	20.77		
5	16QAM	1	0	20.83	20.90	20.86		
5	16QAM	1	12	20.83	20.81	20.90	22	1
5	16QAM	1	24	20.78	20.89	20.74		
5	16QAM	12	0	19.83	19.84	19.88		
5	16QAM	12	7	19.76	19.79	19.78	21	2
5	16QAM	12	13	19.78	19.85	19.78		
5	16QAM	25	0	19.79	19.91	19.79		
5	64QAM	1	0	19.78	19.82	19.75		
5	64QAM	1	12	19.80	19.81	19.83	21	2
5	64QAM	1	24	19.80	19.80	19.81		
5	64QAM	12	0	18.86	18.89	18.86		
5	64QAM	12	7	18.89	18.81	18.77	20	3
5	64QAM	12	13	18.71	18.83	18.81		
5	64QAM	25	0	18.83	18.77	18.74		
5	256QAM	1	0	16.84	16.81	16.75		
5	256QAM	1	12	16.74	16.76	16.72	18	5
5	256QAM	1	24	16.84	16.79	16.83		
5	256QAM	12	0	16.87	16.82	16.82		
5	256QAM	12	7	16.81	16.90	16.75	18	5
5	256QAM	12	13	16.82	16.82	16.78		
5	256QAM	25	0	16.69	16.86	16.78		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.78	21.82	21.78		
3	QPSK	1	8	21.79	21.87	21.78	23	0
3	QPSK	1	14	21.77	21.85	21.81		
3	QPSK	8	0	20.79	20.87	20.85		
3	QPSK	8	4	20.83	20.82	20.82	22	1
3	QPSK	8	7	20.77	20.85	20.76		
3	QPSK	15	0	20.82	20.90	20.75		
3	16QAM	1	0	20.83	20.91	20.84		
3	16QAM	1	8	20.85	20.88	20.84	22	1
3	16QAM	1	14	20.69	20.88	20.79		
3	16QAM	8	0	19.80	19.88	19.88		
3	16QAM	8	4	19.73	19.79	19.77	21	2
3	16QAM	8	7	19.76	19.89	19.76		
3	16QAM	15	0	19.86	19.85	19.77		
3	64QAM	1	0	19.82	19.81	19.79		
3	64QAM	1	8	19.81	19.78	19.81	21	2
3	64QAM	1	14	19.71	19.78	19.79		
3	64QAM	8	0	18.93	18.88	18.76		
3	64QAM	8	4	18.88	18.92	18.75	20	3
3	64QAM	8	7	18.73	18.84	18.77		
3	64QAM	15	0	18.83	18.82	18.70		
3	256QAM	1	0	16.76	16.82	16.78		
3	256QAM	1	8	16.77	16.83	16.74	18	5
3	256QAM	1	14	16.83	16.88	16.83		
3	256QAM	8	0	16.89	16.86	16.83		
3	256QAM	8	4	16.78	16.90	16.73	18	5
3	256QAM	8	7	16.79	16.86	16.83		
3	256QAM	15	0	16.80	16.82	16.83		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.78	21.87	21.72		
1.4	QPSK	1	3	21.65	21.76	21.75		
1.4	QPSK	1	5	21.71	21.75	21.73	23	0
1.4	QPSK	3	0	21.75	21.68	21.74		
1.4	QPSK	3	1	21.65	21.69	21.67		
1.4	QPSK	3	3	21.70	21.78	21.79		
1.4	QPSK	6	0	20.68	20.90	20.81	22	1
1.4	16QAM	1	0	20.75	20.77	20.72		
1.4	16QAM	1	3	20.73	20.75	20.60		
1.4	16QAM	1	5	20.77	20.82	20.73	22	1
1.4	16QAM	3	0	20.69	20.79	20.78		
1.4	16QAM	3	1	20.79	20.76	20.88		
1.4	16QAM	3	3	20.68	20.77	20.67		
1.4	16QAM	6	0	19.73	19.84	19.85	21	2
1.4	64QAM	1	0	19.73	19.69	19.70		
1.4	64QAM	1	3	19.71	19.75	19.78		
1.4	64QAM	1	5	19.80	19.83	19.73	21	2
1.4	64QAM	3	0	19.76	19.85	19.65		
1.4	64QAM	3	1	19.74	19.72	19.75		
1.4	64QAM	3	3	19.72	19.69	19.75		
1.4	64QAM	6	0	18.83	18.81	18.76	20	3
1.4	256QAM	1	0	16.78	16.75	16.69		
1.4	256QAM	1	3	16.59	16.79	16.61		
1.4	256QAM	1	5	16.76	16.80	16.72	18	5
1.4	256QAM	3	0	16.77	16.71	16.81		
1.4	256QAM	3	1	16.76	16.72	16.65		
1.4	256QAM	3	3	16.73	16.89	16.72		
1.4	256QAM	6	0	16.74	16.88	16.66	18	5

Band 7 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.91	22.98	22.95		
20	QPSK	1	49	22.89	22.86	22.86	24	0
20	QPSK	1	99	22.92	22.93	22.82		
20	QPSK	50	0	21.91	21.95	21.93		
20	QPSK	50	24	21.88	21.88	21.83	23	1
20	QPSK	50	50	21.81	21.87	21.75		
20	QPSK	100	0	21.89	21.92	21.87		
20	16QAM	1	0	21.93	21.98	21.95		
20	16QAM	1	49	21.87	21.99	21.94	23	1
20	16QAM	1	99	21.83	21.88	21.86		
20	16QAM	50	0	20.90

Band 38 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.83	22.90	22.87	24	0
20	QPSK	1	49	22.74	22.88	22.78		
20	QPSK	1	99	22.77	22.81	22.83		
20	QPSK	50	0	21.81	21.88	21.84	23	1
20	QPSK	50	24	21.81	21.85	21.78		
20	QPSK	50	50	21.72	21.87	21.73		
20	QPSK	100	0	21.78	21.86	21.85		
20	16QAM	1	0	21.83	21.86	21.88	23	1
20	16QAM	1	49	21.91	21.90	21.84		
20	16QAM	1	99	21.80	21.88	21.75		
20	16QAM	50	0	20.85	20.86	20.87	22	2
20	16QAM	50	24	20.80	20.80	20.86		
20	16QAM	50	50	20.79	20.84	20.87		
20	16QAM	100	0	20.84	20.87	20.75		
20	64QAM	1	0	20.77	20.90	20.79	22	2
20	64QAM	1	49	20.80	20.82	20.78		
20	64QAM	1	99	20.80	20.84	20.74		
20	64QAM	50	0	19.84	19.92	19.77	21	3
20	64QAM	50	24	19.86	19.89	19.77		
20	64QAM	50	50	19.79	19.84	19.75		
20	64QAM	100	0	19.75	19.87	19.78		
20	256QAM	1	0	17.79	17.87	17.71	19	5
20	256QAM	1	49	17.69	17.76	17.73		
20	256QAM	1	99	17.87	17.79	17.78		
20	256QAM	50	0	17.85	17.86	17.84	19	5
20	256QAM	50	24	17.81	17.81	17.80		
20	256QAM	50	50	17.75	17.92	17.84		
20	256QAM	100	0	17.79	17.80	17.84		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.72	22.80	22.84	24	0
15	QPSK	1	37	22.72	22.72	22.66		
15	QPSK	1	74	22.80	22.82	22.82		
15	QPSK	36	0	21.79	21.86	21.77	23	1
15	QPSK	36	20	21.82	21.84	21.68		
15	QPSK	36	39	21.76	21.80	21.64		
15	QPSK	75	0	21.80	21.76	21.76		
15	16QAM	1	0	21.78	21.79	21.76	23	1
15	16QAM	1	37	21.85	21.77	21.82		
15	16QAM	1	74	21.72	21.81	21.73		
15	16QAM	36	0	20.79	20.78	20.86	22	2
15	16QAM	36	20	20.68	20.76	20.73		
15	16QAM	36	39	20.64	20.76	20.80		
15	16QAM	75	0	20.77	20.87	20.72		
15	64QAM	1	0	20.72	20.79	20.69	22	2
15	64QAM	1	37	20.75	20.72	20.79		
15	64QAM	1	74	20.66	20.81	20.74		
15	64QAM	36	0	19.83	19.83	19.74	21	3
15	64QAM	36	20	19.78	19.83	19.68		
15	64QAM	36	39	19.72	19.84	19.79		
15	64QAM	75	0	19.78	19.73	19.62		
15	256QAM	1	0	17.79	17.76	17.76	19	5
15	256QAM	1	37	17.68	17.79	17.71		
15	256QAM	1	74	17.73	17.78	17.79		
15	256QAM	36	0	17.84	17.80	17.78	19	5
15	256QAM	36	20	17.67	17.85	17.68		
15	256QAM	36	39	17.70	17.76	17.71		
15	256QAM	75	0	17.75	17.83	17.77		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.74	22.83	22.78	24	0
10	QPSK	1	25	22.69	22.74	22.69		
10	QPSK	1	49	22.75	22.81	22.72		
10	QPSK	25	0	21.80	21.83	21.87	23	1
10	QPSK	25	12	21.75	21.78	21.69		
10	QPSK	25	25	21.69	21.80	21.71		
10	QPSK	50	0	21.84	21.76	21.77		
10	16QAM	1	0	21.75	21.84	21.80	23	1
10	16QAM	1	25	21.82	21.79	21.79		
10	16QAM	1	49	21.71	21.81	21.67		
10	16QAM	25	0	20.77	20.79	20.75	22	2
10	16QAM	25	12	20.67	20.75	20.81		
10	16QAM	25	25	20.67	20.73	20.78		
10	16QAM	50	0	20.76	20.77	20.76		
10	64QAM	1	0	20.80	20.87	20.75	22	2
10	64QAM	1	25	20.71	20.72	20.74		
10	64QAM	1	49	20.74	20.81	20.66		
10	64QAM	25	0	19.82	19.90	19.76	21	3
10	64QAM	25	12	19.82	19.75	19.74		
10	64QAM	25	25	19.71	19.76	19.68		
10	64QAM	50	0	19.71	19.76	19.69		
10	256QAM	1	0	17.73	17.80	17.69	19	5
10	256QAM	1	25	17.71	17.76	17.65		
10	256QAM	1	49	17.75	17.74	17.68		
10	256QAM	25	0	17.89	17.89	17.82	19	5
10	256QAM	25	12	17.77	17.83	17.76		
10	256QAM	25	25	17.73	17.84	17.69		
10	256QAM	50	0	17.73	17.84	17.73		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.79	22.84	22.74	24	0
5	QPSK	1	12	22.73	22.73	22.66		
5	QPSK	1	24	22.73	22.73	22.77		
5	QPSK	12	0	21.77	21.82	21.83	23	1
5	QPSK	12	7	21.79	21.79	21.75		
5	QPSK	12	13	21.67	21.80	21.71		
5	QPSK	25	0	21.83	21.80	21.76		
5	16QAM	1	0	21.78	21.88	21.77	23	1
5	16QAM	1	12	21.79	21.81	21.84		
5	16QAM	1	24	21.67	21.82	21.69		
5	16QAM	12	0	20.80	20.78	20.80	22	2
5	16QAM	12	7	20.67	20.81	20.72		
5	16QAM	12	13	20.75	20.82	20.77		
5	16QAM	25	0	20.78	20.82	20.72		
5	64QAM	1	0	20.80	20.81	20.69	22	2
5	64QAM	1	12	20.70	20.81	20.71		
5	64QAM	1	24	20.71	20.81	20.77		
5	64QAM	12	0	19.88	19.80	19.76	21	3
5	64QAM	12	7	19.77	19.82	19.68		
5	64QAM	12	13	19.67	19.77	19.74		
5	64QAM	25	0	19.75	19.80	19.62		
5	256QAM	1	0	17.75	17.82	17.75	19	5
5	256QAM	1	12	17.71	17.81	17.65		
5	256QAM	1	24	17.77	17.85	17.76		
5	256QAM	12	0	17.85	17.78	17.80	19	5
5	256QAM	12	7	17.72	17.82	17.73		
5	256QAM	12	13	17.69	17.84	17.75		
5	256QAM	25	0	17.75	17.80	17.80		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.89	22.88	22.94	22.92	22.93	24	0
20	QPSK	1	49	22.75	22.81	22.79	22.83	22.77		
20	QPSK	1	99	22.78	22.82	22.89	22.80	22.87		
20	QPSK	50	0	21.84	21.83	21.91	21.88	21.89	23	1
20	QPSK	50	24	21.89	21.87	21.86	21.80	21.78		
20	QPSK	50	50	21.79	21.82	21.86	21.80	21.71		
20	QPSK	100	0	21.84	21.87	21.90	21.88	21.80		
20	16QAM	1	0	21.93	21.91	21.89	21.86	21.83	23	1
20	16QAM	1	49	21.87	21.86	21.93	21.91	21.87		
20	16QAM	1	99	21.77	21.73	21.83	21.85	21.76		
20	16QAM	50	0	20.79	20.79	20.89	20.87	20.87	22	2
20	16QAM	50	24	20.83	20.80	20.86	20.90	20.81		
20	16QAM	50	50	20.78	20.79	20.92	20.85	20.82		
20	16QAM	100	0	20.86	20.80	20.87	20.87	20.80		
20	64QAM	1	0	20.79	20.87	20.84	20.74	20.79	22	2
20	64QAM	1	49	20.74	20.75	20.83	20.83	20.79		
20	64QAM	1	99	20.74	20.82	20.85	20.86	20.78		
20	64QAM	50	0	19.94	19.92	19.93	19.82	19.85	21	3
20	64QAM	50	24	19.92	19.90	19.92	19.80	19.74		
20	64QAM	50	50	19.75	19.74	19.86	19.85	19.78		
20	64QAM	100	0	19.83	19.84	19.85	19.71	19.72		
20	256QAM	1	0	17.78	17.82	17.82	17.81	17.81	19	5
20	256QAM	1	49	17.74	17.71	17.89	17.72	17.71		
20	256QAM	1	99	17.80	17.82	17.92	17.86	17.76		
20	256QAM	50	0	17.95	17.93	17.94	17.94	17.85	19	5
20	256QAM	50	24	17.84	17.76	17.89	17.80	17.83		
20	256QAM	50	50	17.76	17.75	17.94	17.81	17.82		
20	256QAM	100	0	17.81	17.83	17.90	17.88	17.80		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.75	22.82	22.78	22.84	22.75	24	0
15	QPSK	1	37	22.73	22.78	22.75	22.73	22.73		
15	QPSK	1	74	22.69	22.72	22.84	22.73	22.74		
15	QPSK	36	0	21.82	21.74	21.79	21.84	21.82	23	1
15	QPSK	36	20	21.78	21.75	21.78	21.71	21.78		
15	QPSK	36	39	21.72	21.72	21.79	21.69	21.64		
15	QPSK	75	0	21.81	21.79	21.75	21.75	21.69		
15	16QAM	1	0	21.78	21.81	21.85	21.82	21.82	23	1
15	16QAM	1	37	21.79	21.77	21.82	21.76	21.85		
15	16QAM	1	74	21.75	21.75	21.76	21.75	21.66		
15	16QAM	36	0	20.77	20.72	20.79	20.77	20.82	22	2
15	16QAM	36	20	20.74	20.72	20.83	20.80	20.76		
15	16QAM	36	39	20.75	20.67	20.79	20.77	20.74		
15	16QAM	75	0	20.76	20.79	20.82	20.74	20.69		
15	64QAM	1	0	20.75	20.70	20.86	20.74	20.67	22	2
15	64QAM	1	37	20.65	20.74	20.76	20.69	20.79		
15	64QAM	1	74	20.71	20.67	20.70	20.78	20.73		
15	64QAM	36	0	19.83	19.87	19.89	19.79	19.78	21	3
15	64QAM	36	20	19.85	19.84	19.81	19.69	19.66		
15	64QAM	36	39	19.72	19.68	19.83	19.72	19.78		
15	64QAM	75	0	19.79	19.73	19.75	19.63	19.67		
15	256QAM	1	0	17.71	17.72	17.80	17.75	17.72	19	5
15	256QAM	1	37	17.64	17.63	17.69	17.67	17.62		
15	256QAM	1	74	17.78	17.75	17.74	17.74	17.75		
15	256QAM	36	0	17.87	17.84	17.83	17.86	17.78	19	5
15	256QAM	36	20	17.76	17.72	17.77	17.68	17.70		
15	256QAM	36	39	17.77	17.68	17.77	17.77	17.75		
15	256QAM	75	0	17.64	17.71	17.80	17.73	17.77		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.76	22.73	22.87	22.78	22.78	24	0
10	QPSK	1	25	22.70	22.69	22.76	22.67	22.76		
10	QPSK	1	49	22.71	22.69	22.78	22.71	22.76		
10	QPSK	25	0	21.75	21.73	21.82	21.77	21.82	23	1
10	QPSK	25	12	21.83	21.82	21.78	21.74	21.77		
10	QPSK	25	25	21.73	21.68	21.81	21.64	21.62		
10	QPSK	50	0	21.80	21.80	21.75	21.71	21.74		
10	16QAM	1	0	21.77	21.80	21.90	21.78	21.81	23	1
10	16QAM	1	25	21.78	21.80	21.88	21.77	21.81		
10	16QAM	1	49	21.67	21.70	21.80	21.77	21.76		
10	16QAM	25	0	20.81	20.77	20.79	20.78	20.79	22	2
10	16QAM	25	12	20.72	20.66	20.73	20.78	20.82		
10	16QAM	25	25	20.74	20.70	20.75	20.71	20.70		
10	16QAM	50	0	20.81	20.75	20.87	20.79	20.72		
10	64QAM	1	0	20.82	20.71	20.83	20.75	20.77	22	2
10	64QAM	1	25	20.73	20.75	20.69	20.69	20.70		
10	64QAM	1	49	20.72	20.70	20.78	20.70	20.76		
10	64QAM	25	0	19.84	19.89	19.80	19.82	19.82	21	3
10	64QAM	25	12	19.81	19.76	19.77	19.76	19.70		
10	64QAM	25	25	19.71	19.65	19.77	19.75	19.72		
10	64QAM	50	0	19.69	19.73	19.76	19.71	19.70		
10	256QAM	1	0	17.79	17.82	17.73	17.66	17.75	19	5
10	256QAM	1	25	17.72	17.70	17.80	17.62	17.63		
10	256QAM	1	49	17.72	17.78	17.80	17.77	17.78		
10	256QAM	25	0	17.78	17.86	17.90	17.82	17.84	19	5
10	256QAM	25	12	17.68	17.78	17.82	17.67	17.76		
10	256QAM	25	25	17.75	17.76	17.82	17.78	17.71		
10	256QAM	50	0	17.74	17.68	17.74	17.81	17.73		
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	22.76	22.80	22.82	22.80	22.79	24	0
5	QPSK	1	12	22.74	22.67	22.75	22.65	22.73		
5	QPSK	1	24	22.71	22.75	22.76	22.77	22.74		
5	QPSK	12	0	21.73	21.80	21.80	21.84	21.83	23	1
5	QPSK	12	7	21.83	21.80	21.75	21.73	21.79		
5	QPSK	12	13	21.65	21.69	21.82	21.64	21.73		
5	QPSK	25	0	21.74	21.83	21.78	21.74	21.76		
5	16QAM	1	0	21.79	21.81	21.89	21.78	21.81	23	1
5	16QAM	1	12	21.75	21.84	21.82	21.78	21.86		
5	16QAM	1	24	21.64	21.68	21.74	21.72	21.68		
5	16QAM	12	0	20.71	20.71	20.80	20.78	20.80	22	2
5	16QAM	12	7	20.73	20.71	20.76	20.70	20.75		
5	16QAM	12	13	20.66	20.71	20.74	20.75	20.80		
5	16QAM	25	0	20.80	20.76	20.75	20.78	20.75		
5	64QAM	1	0	20.78	20.72	20.76	20.70	20.71	22	2
5	64QAM	1	12	20.73	20.71	20.77	20.76	20.79		
5	64QAM	1	24	20.69	20.74	20.79	20.66	20.74		
5	64QAM	12	0	19.85	19.83	19.86	19.73	19.77	21	3
5	64QAM	12	7	19.78	19.78	19.82	19.67	19.71		
5	64QAM	12	13	19.68	19.73	19.75	19.73	19.79		
5	64QAM	25	0	19.74	19.69	19.78	19.66	19.73		
5	256QAM	1	0	17.82	17.74	17.73	17.68	17.69	19	5
5	256QAM	1	12	17.70	17.61	17.77	17.63	17.64		
5	256QAM	1	24	17.73	17.79	17.76	17.76	17.74		
5	256QAM	12	0	17.87	17.90	17.86	17.89	17.79	19	5
5	256QAM	12	7	17.73	17.78	17.80	17.75	17.76		
5	256QAM	12	13	17.79	17.76	17.76	17.74	17.80		
5	256QAM	25	0	17.74	17.71	17.82	17.79	17.77		

Band 2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.81	21.86	21.79	22.8	0
20	QPSK	1	49	21.85	21.85	21.82		
20	QPSK	1	99	21.77	21.78	21.79		
20	QPSK	50	0	21.78	21.85	21.81	22.8	0
20	QPSK	50	24	21.82	21.77	21.77		
20	QPSK	50	50	21.76	21.76	21.83		
20	QPSK	100	0	21.78	21.83	21.81		
20	16QAM	1	0	21.74	21.80	21.78	22.8	0
20	16QAM	1	49	21.76	21.81	21.80		
20	16QAM	1	99	21.73	21.85	21.74		
20	16QAM	50	0	20.81	20.89	20.76	22	0.8
20	16QAM	50	24	20.70	20.74	20.80		
20	16QAM	50	50	20.71	20.77	20.79		
20	16QAM	100	0	20.72	20.82	20.78		
20	64QAM	1	0	20.80	20.78	20.66	22	0.8
20	64QAM	1	49	20.66	20.79	20.74		
20	64QAM	1	99	20.67	20.80	20.70		
20	64QAM	50	0	19.88	19.90	19.71	21	1.8
20	64QAM	50	24	19.80	19.85	19.70		
20	64QAM	50	50	19.75	19.82	19.79		
20	64QAM	100	0	19.88	19.81	19.72		
20	256QAM	1	0	17.74	17.79	17.73	19	3.8
20	256QAM	1	49	17.64	17.74	17.65		
20	256QAM	1	99	17.74	17.81	17.75		
20	256QAM	50	0	17.86	17.88	17.89	19	3.8
20	256QAM	50	24	17.67	17.78	17.66		
20	256QAM	50	50	17.74	17.81	17.68		
20	256QAM	100	0	17.74	17.76	17.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.76	21.78	21.75	22.8	0
15	QPSK	1	37	21.67	21.68	21.78		
15	QPSK	1	74	21.73	21.80	21.77		
15	QPSK	36	0	21.75	21.75	21.75	22.8	0
15	QPSK	36	20	21.75	21.76	21.70		
15	QPSK	36	39	21.72	21.74	21.73		
15	QPSK	75	0	21.76	21.74	21.75		
15	16QAM	1	0	21.74	21.72	21.70	22.8	0
15	16QAM	1	37	21.69	21.69	21.75		
15	16QAM	1	74	21.72	21.79	21.68		
15	16QAM	36	0	20.72	20.80	20.72	22	0.8
15	16QAM	36	20	20.61	20.68	20.64		
15	16QAM	36	39	20.63	20.75	20.63		
15	16QAM	75	0	20.73	20.71	20.70		
15	64QAM	1	0	20.71	20.73	20.62	22	0.8
15	64QAM	1	37	20.65	20.64	20.63		
15	64QAM	1	74	20.69	20.68	20.62		
15	64QAM	36	0	19.77	19.73	19.74	21	1.8
15	64QAM	36	20	19.75	19.72	19.62		
15	64QAM	36	39	19.68	19.77	19.62		
15	64QAM	75	0	19.64	19.71	19.66		
15	256QAM	1	0	17.75	17.74	17.66	19	3.8
15	256QAM	1	37	17.64	17.70	17.56		
15	256QAM	1	74	17.77	17.70	17.62		
15	256QAM	36	0	17.79	17.78	17.77	19	3.8
15	256QAM	36	20	17.62	17.69	17.72		
15	256QAM	36	39	17.69	17.71	17.69		
15	256QAM	75	0	17.68	17.68	17.74		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.70	21.73	21.72	22.8	0
10	QPSK	1	25	21.70	21.79	21.76		
10	QPSK	1	49	21.76	21.79	21.75		
10	QPSK	25	0	21.68	21.76	21.77	22.8	0
10	QPSK	25	12	21.71	21.74	21.68		
10	QPSK	25	25	21.77	21.76	21.75		
10	QPSK	50	0	21.73	21.73	21.68		
10	16QAM	1	0	21.67	21.69	21.79	22.8	0
10	16QAM	1	25	21.76	21.78	21.77		
10	16QAM	1	49	21.75	21.73	21.69		
10	16QAM	25	0	20.69	20.80	20.70	22	0.8
10	16QAM	25	12	20.69	20.73	20.68		
10	16QAM	25	25	20.66	20.72	20.68		
10	16QAM	50	0	20.76	20.70	20.73		
10	64QAM	1	0	20.75	20.70	20.59	22	0.8
10	64QAM	1	25	20.68	20.67	20.68		
10	64QAM	1	49	20.63	20.76	20.69		
10	64QAM	25	0	19.71	19.79	19.76	21	1.8
10	64QAM	25	12	19.73	19.71	19.66		
10	64QAM	25	25	19.66	19.73	19.72		
10	64QAM	50	0	19.69	19.77	19.59		
10	256QAM	1	0	17.67	17.70	17.63	19	3.8
10	256QAM	1	25	17.64	17.70	17.62		
10	256QAM	1	49	17.79	17.74	17.73		
10	256QAM	25	0	17.72	17.73	17.77	19	3.8
10	256QAM	25	12	17.65	17.70	17.62		
10	256QAM	25	25	17.61	17.80	17.66		
10	256QAM	50	0	17.68	17.70	17.69		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.74	21.70	21.74	22.8	0
5	QPSK	1	12	21.73	21.73	21.72		
5	QPSK	1	24	21.76	21.79	21.77		
5	QPSK	12	0	21.75	21.68	21.71	22.8	0
5	QPSK	12	7	21.68	21.80	21.70		
5	QPSK	12	13	21.75	21.71	21.67		
5	QPSK	25	0	21.74	21.68	21.71		
5	16QAM	1	0	21.76	21.76	21.78	22.8	0
5	16QAM	1	12	21.67	21.71	21.78		
5	16QAM	1	24	21.78	21.78	21.72		
5	16QAM	12	0	20.75	20.80	20.79	22	0.8
5	16QAM	12	7	20.61	20.69	20.65		
5	16QAM	12	13	20.65	20.76	20.66		
5	16QAM	25	0	20.70	20.75	20.70		
5	64QAM	1	0	20.64	20.80	20.81	22	0.8
5	64QAM	1	12	20.66	20.73	20.73		
5	64QAM	1	24	20.68	20.69	20.71		
5	64QAM	12	0	19.71	19.75	19.72	21	1.8
5	64QAM	12	7	19.70	19.81	19.68		
5	64QAM	12	13	19.61	19.72	19.70		
5	64QAM	25	0	19.67	19.65	19.60		
5	256QAM	1	0	17.69	17.76	17.62	19	3.8
5	256QAM	1	12	17.64	17.80	17.66		
5	256QAM	1	24	17.67	17.78	17.66		
5	256QAM	12	0	17.82	17.77	17.80	19	3.8
5	256QAM	12	7	17.70	17.74	17.60		
5	256QAM	12	13	17.69	17.74	17.71		
5	256QAM	25	0	17.64	17.74	17.68		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.71	21.72	21.68	22.8	0
3	QPSK	1	8	21.71	21.78	21.67		
3	QPSK	1	14	21.67	21.69	21.68		
3	QPSK	8	0	21.74	21.71	21.73	22.8	0
3	QPSK	8	4	21.78	21.78	21.78		
3	QPSK	8	7	21.70	21.69	21.77		
3	QPSK	15	0	21.70	21.79	21.77		
3	16QAM	1	0	21.64	21.69	21.72	22.8	0
3	16QAM	1	8	21.67	21.79	21.68		
3	16QAM	1	14	21.77	21.68	21.70		
3	16QAM	8	0	20.75	20.72	20.74	22	0.8
3	16QAM	8	4	20.59	20.73	20.71		
3	16QAM	8	7	20.65	20.70	20.72		
3	16QAM	15	0	20.76	20.74	20.69		
3	64QAM	1	0	20.67	20.72	20.65	22	0.8
3	64QAM	1	8	20.62	20.74	20.71		
3	64QAM	1	14	20.62	20.69	20.64		
3	64QAM	8	0	19.75	19.78	19.66	21	1.8
3	64QAM	8	4	19.77	19.76	19.62		
3	64QAM	8	7	19.65	19.76	19.72		
3	64QAM	15	0	19.70	19.72	19.58		
3	256QAM	1	0	17.70	17.67	17.63	19	3.8
3	256QAM	1	8	17.60	17.74	17.58		
3	256QAM	1	14	17.69	17.73	17.71		
3	256QAM	8	0	17.74	17.74	17.77	19	3.8
3	256QAM	8	4	17.63	17.75	17.70		
3	256QAM	8	7	17.62	17.76	17.65		
3	256QAM	15	0	17.69	17.67	17.69		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.76	21.69	21.76	22.8	0
1.4	QPSK	1	3	21.78	21.79	21.68		
1.4	QPSK	1	5	21.70	21.74	21.70		
1.4	QPSK	3	0	21.76	21.76	21.72		
1.4	QPSK	3	1	21.69	21.78	21.67		
1.4	QPSK	3	3	21.76	21.72	21.72		
1.4	QPSK	6	0	21.68	21.68	21.74	22.8	0
1.4	16QAM	1	0	21.79	21.75	21.75	22.8	0
1.4	16QAM	1	3	21.75	21.73	21.69		
1.4	16QAM	1	5	21.78	21.72	21.77		
1.4	16QAM	3	0	21.75	21.77	21.71		
1.4	16QAM	3	1	21.68	21.78	21.70		
1.4	16QAM	3	3	21.79	21.76	21.69		
1.4	16QAM	6	0	20.60	20.68	20.68	22	0.8
1.4	64QAM	1	0	20.55	20.58	20.63	22	0.8
1.4	64QAM	1	3	20.61	20.66	20.68		
1.4	64QAM	1	5	20.68	20.62	20.68		
1.4	64QAM	3	0	20.70	20.68	20.50		
1.4	64QAM	3	1	20.57	20.60	20.64		
1.4	64QAM	3	3	20.59	20.63	20.68		
1.4	64QAM	6	0	19.61	19.72	19.66	21	1.8
1.4	256QAM	1	0	17.66	17.66	17.54	19	3.8
1.4	256QAM	1	3	17.60	17.65	17.42		
1.4	256QAM	1	5	17.65	17.67	17.54		
1.4	256QAM	3	0	17.75	17.62	17.69		
1.4	256QAM	3	1	17.61	17.65	17.60		
1.4	256QAM	3	3	17.66	17.66	17.63		
1.4	256QAM	6	0	17.55	17.67	17.59	19	3.8

Band 4 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.71	22.75	22.72	24	0
20	QPSK	1	49	22.69	22.71	22.65		
20	QPSK	1	99	22.72	22.67	22.73		
20	QPSK	50	0	21.71	21.74	21.73	23	1
20	QPSK	50	24	21.67	21.72	21.73		
20	QPSK	50	50	21.62	21.67	21.65		
20	QPSK	100	0	21.72	21.73	21.69		
20	16QAM	1	0	21.77	21.76	21.71	23	1
20	16QAM	1	49	21.82	21.77	21.77		
20	16QAM	1	99	21.64	21.71	21.61		
20	16QAM	50	0	20.73	20.81	20.79	22	2
20	16QAM	50	24	20.63	20.66	20.69		
20	16QAM	50	50	20.58	20.78	20.64		
20	16QAM	100	0	20.67	20.76	20.65		
20	64QAM	1	0	20.65	20.76	20.61	22	2
20	64QAM	1	49	20.59	20.75	20.65		
20	64QAM	1	99	20.60	20.65	20.61		
20	64QAM	50	0	19.75	19.77	19.67	21	3
20	64QAM	50	24	19.73	19.72	19.70		
20	64QAM	50	50	19.66	19.70	19.63		
20	64QAM	100	0	19.71	19.74	19.65		
20	256QAM	1	0	17.72	17.72	17.69	19	5
20	256QAM	1	49	17.65	17.65	17.57		
20	256QAM	1	99	17.66	17.75	17.71		
20	256QAM	50	0	17.76	17.80	17.79	19	5
20	256QAM	50	24	17.70	17.68	17.68		
20	256QAM	50	50	17.73	17.76	17.71		
20	256QAM	100	0	17.63	17.75	17.71		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.62	22.72	22.70	24	0
15	QPSK	1	37	22.56	22.70	22.60		
15	QPSK	1	74	22.62	22.82	22.68		
15	QPSK	36	0	21.67	21.76	21.74	23	1
15	QPSK	36	20	21.69	21.68	21.63		
15	QPSK	36	39	21.57	21.61	21.53		
15	QPSK	75	0	21.62	21.68	21.67		
15	16QAM	1	0	21.63	21.73	21.67	23	1
15	16QAM	1	37	21.73	21.75	21.70		
15	16QAM	1	74	21.53	21.65	21.62		
15	16QAM	36	0	20.66	20.68	20.62	22	2
15	16QAM	36	20	20.61	20.67	20.64		
15	16QAM	36	39	20.54	20.70	20.62		
15	16QAM	75	0	20.69	20.74	20.60		
15	64QAM	1	0	20.59	20.72	20.53	22	2
15	64QAM	1	37	20.65	20.68	20.63		
15	64QAM	1	74	20.58	20.68	20.59		
15	64QAM	36	0	19.76	19.66	19.61	21	3
15	64QAM	36	20	19.73	19.71	19.57		
15	64QAM	36	39	19.62	19.73	19.64		
15	64QAM	75	0	19.57	19.68	19.51		
15	256QAM	1	0	17.64	17.65	17.54	19	5
15	256QAM	1	37	17.57	17.63	17.57		
15	256QAM	1	74	17.68	17.75	17.65		
15	256QAM	36	0	17.66	17.66	17.77	19	5
15	256QAM	36	20	17.65	17.63	17.64		
15	256QAM	36	39	17.64	17.74	17.67		
15	256QAM	75	0	17.61	17.72	17.70		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.63	22.63	22.67	24	0
10	QPSK	1	25	22.58	22.65	22.58		
10	QPSK	1	49	22.59	22.66	22.62		
10	QPSK	25	0	21.69	21.72	21.73	23	1
10	QPSK	25	12	21.66	21.64	21.61		
10	QPSK	25	25	21.54	21.70	21.56		
10	QPSK	50	0	21.66	21.73	21.68		
10	16QAM	1	0	21.69	21.71	21.66	23	1
10	16QAM	1	25	21.73	21.72	21.69		
10	16QAM	1	49	21.51	21.73	21.62		
10	16QAM	25	0	20.70	20.71	20.71	22	2
10	16QAM	25	12	20.54	20.65	20.70		
10	16QAM	25	25	20.53	20.68	20.59		
10	16QAM	50	0	20.60	20.65	20.61		
10	64QAM	1	0	20.67	20.75	20.60	22	2
10	64QAM	1	25	20.64	20.61	20.58		
10	64QAM	1	49	20.57	20.66	20.65		
10	64QAM	25	0	19.72	19.71	19.68	21	3
10	64QAM	25	12	19.66	19.68	19.57		
10	64QAM	25	25	19.57	19.73	19.57		
10	64QAM	50	0	19.63	19.61	19.50		
10	256QAM	1	0	17.61	17.59	17.53	19	5
10	256QAM	1	25	17.52	17.65	17.51		
10	256QAM	1	49	17.64	17.67	17.60		
10	256QAM	25	0	17.78	17.77	17.68	19	5
10	256QAM	25	12	17.56	17.68	17.61		
10	256QAM	25	25	17.67	17.71	17.64		
10	256QAM	50	0	17.59	17.68	17.59		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.61	22.73	22.63	24	0
5	QPSK	1	12	22.57	22.71	22.56		
5	QPSK	1	24	22.64	22.63	22.58		
5	QPSK	12	0	21.66	21.74	21.64	23	1
5	QPSK	12	7	21.66	21.68	21.64		
5	QPSK	12	13	21.60	21.61	21.56		
5	QPSK	25	0	21.70	21.71	21.64		
5	16QAM	1	0	21.66	21.74	21.63	23	1
5	16QAM	1	12	21.70	21.76	21.74		
5	16QAM	1	24	21.60	21.65	21.63		
5	16QAM	12	0	20.60	20.70	20.67	22	2
5	16QAM	12	7	20.60	20.63	20.61		
5	16QAM	12	13	20.64	20.69	20.66		
5	16QAM	25	0	20.65	20.63	20.68		
5	64QAM	1	0	20.63	20.75	20.63	22	2
5	64QAM	1	12	20.58	20.58	20.61		
5	64QAM	1	24	20.52	20.59	20.61		
5	64QAM	12	0	19.77	19.71	19.60	21	3
5	64QAM	12	7	19.74	19.74	19.60		
5	64QAM	12	13	19.53	19.72	19.59		
5	64QAM	25	0	19.62	19.71	19.55		
5	256QAM	1	0	17.67	17.71	17.63	19	5
5	256QAM	1	12	17.57	17.68	17.50		
5	256QAM	1	24	17.69	17.64	17.65		
5	256QAM	12	0	17.68	17.77	17.66	19	5
5	256QAM	12	7	17.60	17.66	17.66		
5	256QAM	12	13	17.63	17.67	17.59		
5	256QAM	25	0	17.54	17.63	17.62		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.68	22.67	22.68	24	0
3	QPSK	1	8	22.60	22.72	22.60		
3	QPSK	1	14	22.58	22.68	22.61		
3	QPSK	8	0	21.63	21.66	21.68	23	1
3	QPSK	8	4	21.73	21.65	21.63		
3	QPSK	8	7	21.58	21.70	21.59		
3	QPSK	15	0	21.67	21.68	21.69		
3	16QAM	1	0	21.65	21.68	21.64	23	1
3	16QAM	1	8	21.71	21.75	21.68		
3	16QAM	1	14	21.58	21.62	21.60		
3	16QAM	8	0	20.61	20.66	20.70	22	2
3	16QAM	8	4	20.59	20.61	20.62		
3	16QAM	8	7	20.57	20.63	20.63		
3	16QAM	15	0	20.64	20.63	20.63		
3	64QAM	1	0	20.63	20.64	20.64	22	2
3	64QAM	1	8	20.61	20.61	20.61		
3	64QAM	1	14	20.52	20.60	20.59		
3	64QAM	8	0	19.66	19.74	19.62	21	3
3	64QAM	8	4	19.73	19.69	19.57		
3	64QAM	8	7	19.59	19.71	19.60		
3	64QAM	15	0	19.59	19.59	19.58		
3	256QAM	1	0	17.66	17.66	17.55	19	5
3	256QAM	1	8	17.58	17.60	17.57		
3	256QAM	1	14	17.68	17.66	17.57		
3	256QAM	8	0	17.77	17.72	17.65	19	5
3	256QAM	8	4	17.58	17.72	17.61		
3	256QAM	8	7	17.62	17.72	17.65		
3	256QAM	15	0	17.52	17.73	17.68		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.63	22.63	22.53	24	0
1.4	QPSK	1	3	22.44	22.66	22.47		
1.4	QPSK	1	5	22.63	22.59	22.58		
1.4	QPSK	3	0	22.66	22.51	22.69		
1.4	QPSK	3	1	22.52	22.57	22.50		
1.4	QPSK	3	3	22.53	22.60	22.63		
1.4	QPSK	6	0	21.56	21.73	21.57	23	1
1.4	16QAM	1	0	21.65	21.58	21.51	23	1
1.4	16QAM	1	3	21.50	21.60	21.47		
1.4	16QAM	1	5	21.57	21.63	21.57		
1.4	16QAM	3	0	21.62	21.68	21.57		
1.4	16QAM	3	1	21.64	21.58	21.65		
1.4	16QAM	3	3	21.39	21.56	21.49		
1.4	16QAM	6	0	20.60	20.66	20.65	22	2
1.4	64QAM	1	0	20.52	20.59	20.57	22	2
1.4	64QAM	1	3	20.56	20.56	20.61		
1.4	64QAM	1	5	20.61	20.60	20.62		
1.4	64QAM	3	0	20.60	20.64	20.49		
1.4	64QAM	3	1	20.63	20.49	20.60		
1.4	64QAM	3	3	20.53	20.52	20.62		
1.4	64QAM	6	0	19.60	19.57	19.58	21	3
1.4	256QAM	1	0	17.53	17.56	17.59	19	5
1.4	256QAM	1	3	17.52	17.65	17.38		
1.4	256QAM	1	5	17.64	17.71	17.45		
1.4	256QAM	3	0	17.68	17.59	17.69		
1.4	256QAM	3	1	17.55	17.56	17.46		
1.4	256QAM	3	3	17.54	17.69	17.64		
1.4	256QAM	6	0	17.50	17.62	17.53	19	5

Band 7 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.08	20.14	20.11	21.4	0
20	QPSK	1	49	20.05	20.04	20.12		
20	QPSK	1	99	20.12	20.06	20.03		
20	QPSK	50	0	20.08	20.12	20.06	21.4	0
20	QPSK	50	24	20.04	20.07	20.09		
20	QPSK	50	50	20.10	20.07	20.06		
20	QPSK	100	0	20.09	20.11	20.10		
20	16QAM	1	0	20.09	20.07	20.03	21.4	0
20	16QAM	1	49	20.08	20.02	20.09		
20	16QAM	1	99	20.03	20.03	20.07		
20	16QAM	50	0	20.03	20.04	20.00	21.4

Band 38 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.93	23.02	22.96	24	0
20	QPSK	1	49	22.99	22.98	23.00		
20	QPSK	1	99	22.88	22.91	22.98		
20	QPSK	50	0	22.52	22.56	22.54	23	1
20	QPSK	50	24	22.54	22.49	22.45		
20	QPSK	50	50	22.37	22.52	22.42		
20	QPSK	100	0	22.47	22.53	22.49		
20	16QAM	1	0	22.49	22.61	22.49	23	1
20	16QAM	1	49	22.50	22.52	22.54		
20	16QAM	1	99	22.37	22.46	22.42		
20	16QAM	50	0	21.44	21.58	21.46	22	2
20	16QAM	50	24	21.42	21.49	21.50		
20	16QAM	50	50	21.41	21.48	21.49		
20	16QAM	100	0	21.54	21.55	21.51		
20	64QAM	1	0	21.45	21.54	21.41	22	2
20	64QAM	1	49	21.40	21.47	21.39		
20	64QAM	1	99	21.36	21.45	21.44		
20	64QAM	50	0	20.48	20.51	20.45	21	3
20	64QAM	50	24	20.49	20.57	20.41		
20	64QAM	50	50	20.42	20.53	20.50		
20	64QAM	100	0	20.46	20.52	20.42		
20	256QAM	1	0	18.45	18.45	18.45	19	5
20	256QAM	1	49	18.34	18.44	18.38		
20	256QAM	1	99	18.53	18.56	18.40		
20	256QAM	50	0	18.49	18.60	18.48	19	5
20	256QAM	50	24	18.42	18.47	18.43		
20	256QAM	50	50	18.39	18.49	18.50		
20	256QAM	100	0	18.42	18.54	18.51		
Channel				37625	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.95	22.97	22.95	24	0
15	QPSK	1	37	22.94	22.94	22.95		
15	QPSK	1	74	22.98	22.97	22.95		
15	QPSK	36	0	22.47	22.53	22.42	23	1
15	QPSK	36	20	22.48	22.49	22.37		
15	QPSK	36	39	22.42	22.44	22.38		
15	QPSK	75	0	22.47	22.41	22.47		
15	16QAM	1	0	22.45	22.46	22.47	23	1
15	16QAM	1	37	22.40	22.51	22.41		
15	16QAM	1	74	22.39	22.43	22.35		
15	16QAM	36	0	21.36	21.55	21.52	22	2
15	16QAM	36	20	21.36	21.41	21.40		
15	16QAM	36	39	21.33	21.42	21.44		
15	16QAM	75	0	21.44	21.53	21.42		
15	64QAM	1	0	21.39	21.52	21.33	22	2
15	64QAM	1	37	21.38	21.45	21.36		
15	64QAM	1	74	21.40	21.39	21.41		
15	64QAM	36	0	20.46	20.48	20.41	21	3
15	64QAM	36	20	20.51	20.43	20.42		
15	64QAM	36	39	20.37	20.43	20.35		
15	64QAM	75	0	20.39	20.43	20.28		
15	256QAM	1	0	18.45	18.42	18.36	19	5
15	256QAM	1	37	18.37	18.46	18.33		
15	256QAM	1	74	18.41	18.43	18.34		
15	256QAM	36	0	18.47	18.48	18.43	19	5
15	256QAM	36	20	18.43	18.42	18.35		
15	256QAM	36	39	18.34	18.46	18.44		
15	256QAM	75	0	18.38	18.48	18.45		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.98	22.96	22.96	24	0
10	QPSK	1	25	22.92	23.01	22.96		
10	QPSK	1	49	22.96	23.01	22.95		
10	QPSK	25	0	22.39	22.48	22.49	23	1
10	QPSK	25	12	22.50	22.41	22.42		
10	QPSK	25	25	22.32	22.40	22.32		
10	QPSK	50	0	22.46	22.51	22.43		
10	16QAM	1	0	22.50	22.48	22.41	23	1
10	16QAM	1	25	22.40	22.44	22.45		
10	16QAM	1	49	22.29	22.40	22.41		
10	16QAM	25	0	21.43	21.54	21.42	22	2
10	16QAM	25	12	21.33	21.44	21.47		
10	16QAM	25	25	21.39	21.47	21.42		
10	16QAM	50	0	21.48	21.48	21.44		
10	64QAM	1	0	21.38	21.48	21.43	22	2
10	64QAM	1	25	21.42	21.41	21.40		
10	64QAM	1	49	21.32	21.45	21.35		
10	64QAM	25	0	20.45	20.50	20.46	21	3
10	64QAM	25	12	20.47	20.45	20.32		
10	64QAM	25	25	20.43	20.48	20.37		
10	64QAM	50	0	20.37	20.48	20.34		
10	256QAM	1	0	18.38	18.39	18.36	19	5
10	256QAM	1	25	18.31	18.39	18.28		
10	256QAM	1	49	18.40	18.50	18.45		
10	256QAM	25	0	18.48	18.52	18.53	19	5
10	256QAM	25	12	18.40	18.46	18.39		
10	256QAM	25	25	18.36	18.52	18.37		
10	256QAM	50	0	18.39	18.44	18.45		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.93	22.94	22.93	24	0
5	QPSK	1	12	22.93	23.01	22.98		
5	QPSK	1	24	22.91	22.96	22.99		
5	QPSK	12	0	22.39	22.44	22.51	23	1
5	QPSK	12	7	22.52	22.43	22.42		
5	QPSK	12	13	22.38	22.44	22.37		
5	QPSK	25	0	22.46	22.49	22.36		
5	16QAM	1	0	22.47	22.48	22.39	23	1
5	16QAM	1	12	22.45	22.53	22.48		
5	16QAM	1	24	22.41	22.42	22.36		
5	16QAM	12	0	21.45	21.52	21.42	22	2
5	16QAM	12	7	21.41	21.38	21.47		
5	16QAM	12	13	21.37	21.40	21.43		
5	16QAM	25	0	21.42	21.46	21.40		
5	64QAM	1	0	21.45	21.49	21.39	22	2
5	64QAM	1	12	21.38	21.45	21.35		
5	64QAM	1	24	21.37	21.38	21.35		
5	64QAM	12	0	20.53	20.50	20.46	21	3
5	64QAM	12	7	20.51	20.48	20.35		
5	64QAM	12	13	20.38	20.48	20.37		
5	64QAM	25	0	20.40	20.48	20.37		
5	256QAM	1	0	18.48	18.46	18.35	19	5
5	256QAM	1	12	18.37	18.35	18.36		
5	256QAM	1	24	18.48	18.41	18.42		
5	256QAM	12	0	18.51	18.53	18.49	19	5
5	256QAM	12	7	18.34	18.47	18.39		
5	256QAM	12	13	18.40	18.52	18.44		
5	256QAM	25	0	18.32	18.39	18.40		

Band 41 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.02	23.01	23.07	23.02	23.05	24	0
20	QPSK	1	49	22.96	23.01	23.01	23.01	22.99		
20	QPSK	1	99	23.06	23.01	22.97	22.97	22.98		
20	QPSK	50	0	22.55	22.58	22.63	22.57	22.53	23	1
20	QPSK	50	24	22.61	22.61	22.55	22.46	22.50		
20	QPSK	50	50	22.46	22.42	22.57	22.43	22.46		
20	QPSK	100	0	22.59	22.53	22.61	22.51	22.49		
20	16QAM	1	0	22.60	22.58	22.64	22.58	22.53	23	1
20	16QAM	1	49	22.59	22.53	22.56	22.51	22.60		
20	16QAM	1	99	22.45	22.38	22.51	22.40	22.47		
20	16QAM	50	0	21.54	21.53	21.54	21.51	21.58	22	2
20	16QAM	50	24	21.45	21.48	21.58	21.54	21.49		
20	16QAM	50	50	21.50	21.51	21.55	21.47	21.51		
20	16QAM	100	0	21.52	21.55	21.59	21.52	21.51		
20	64QAM	1	0	21.47	21.51	21.52	21.40	21.50	22	2
20	64QAM	1	49	21.41	21.46	21.44	21.47	21.44		
20	64QAM	1	99	21.45	21.39	21.46	21.47	21.51		
20	64QAM	50	0	20.58	20.57	20.61	20.53	20.56	21	3
20	64QAM	50	24	20.52	20.53	20.51	20.47	20.49		
20	64QAM	50	50	20.46	20.42	20.49	20.47	20.52		
20	64QAM	100	0	20.53	20.48	20.49	20.43	20.37		
20	256QAM	1	0	18.49	18.48	18.47	18.42	18.48	19	5
20	256QAM	1	49	18.44	18.48	18.51	18.40	18.41		
20	256QAM	1	99	18.56	18.58	18.53	18.47	18.44		
20	256QAM	50	0	18.57	18.57	18.63	18.53	18.59	19	5
20	256QAM	50	24	18.43	18.51	18.55	18.49	18.53		
20	256QAM	50	50	18.43	18.45	18.58	18.46	18.49		
20	256QAM	100	0	18.41	18.48	18.50	18.58	18.52		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.91	22.92	22.90	22.96	22.92	24	0
15	QPSK	1	37	22.94	22.95	22.96	22.92	22.93		
15	QPSK	1	74	22.92	22.92	22.95	23.00	22.94		
15	QPSK	36	0	22.40	22.48	22.48	22.50	22.53	23	1
15	QPSK	36	20	22.46	22.41	22.52	22.35	22.38		
15	QPSK	36	39	22.32	22.39	22.45	22.39	22.38		
15	QPSK	75	0	22.42	22.40	22.45	22.43	22.40		
15	16QAM	1	0	22.51	22.52	22.47	22.45	22.44	23	1
15	16QAM	1	37	22.47	22.46	22.51	22.47	22.45		
15	16QAM	1	74	22.33	22.34	22.44	22.43	22.38		
15	16QAM	36	0	21.37	21.46	21.49	21.51	21.42	22	2
15	16QAM	36	20	21.34	21.34	21.43	21.44	21.46		
15	16QAM	36	39	21.39	21.33	21.46	21.36	21.36		
15	16QAM	75	0	21.48	21.49	21.43	21.37	21.41		
15	64QAM	1	0	21.46	21.48	21.47	21.32	21.32	22	2
15	64QAM	1	37	21.34	21.41	21.40	21.38	21.39		
15	64QAM	1	74	21.32	21.40	21.43	21.35	21.40		
15	64QAM	36	0	20.49	20.54	20.51	20.40	20.37	21	3
15	64QAM	36	20	20.46	20.43	20.44	20.35	20.36		
15	64QAM	36	39	20.41	20.39	20.52	20.35	20.37		
15	64QAM	75	0	20.40	20.46	20.41	20.39	20.29		
15	256QAM	1	0	18.47	18.37	18.42	18.38	18.40	19	5
15	256QAM	1	37	18.39	18.32	18.39	18.28	18.35		
15	256QAM	1	74	18.49	18.38	18.50	18.44	18.42		
15	256QAM	36	0	18.49	18.55	18.48	18.44	18.47	19	5
15	256QAM	36	20	18.42	18.37	18.40	18.43	18.33		
15	256QAM	36	39	18.36	18.43	18.47	18.40	18.35		
15	256QAM	75	0	18.38	18.34	18.47	18.40	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	23.00	22.90	22.98	22.93	22.98	24	0
10	QPSK	1	25	22.90	22.93	22.98	22.99	22.99		
10	QPSK	1	49	22.98	22.99	23.02	22.92	22.98		
10	QPSK	25	0	22.44	22.43	22.48	22.51	22.43	23	1
10	QPSK	25	12	22.44	22.46	22.48	22.44	22.44		
10	QPSK	25	25	22.38	22.33	22.48	22.33	22.38		
10	QPSK	50	0	22.46	22.47	22.46	22.42	22.40		
10	16QAM	1	0	22.50	22.45	22.55	22.39	22.48	23	1
10	16QAM	1	25	22.43	22.49	22.45	22.44	22.47		
10	16QAM	1	49	22.40	22.37	22.40	22.38	22.34		
10	16QAM	25	0	21.39	21.46	21.50	21.46	21.43	22	2
10	16QAM	25	12	21.42	21.33	21.39	21.46	21.41		
10	16QAM	25	25	21.37	21.31	21.49	21.46	21.44		
10	16QAM	50	0	21.46	21.44	21.48	21.37	21.45		
10	64QAM	1	0	21.47	21.47	21.49	21.33	21.41	22	2
10	64QAM	1	25	21.36	21.37	21.46	21.38	21.39		
10	64QAM	1	49	21.34	21.30	21.46	21.42	21.38		
10	64QAM	25	0	20.51	20.50	20.45	20.37	20.43	21	3
10	64QAM	25	12	20.51	20.52	20.52	20.37	20.38		
10	64QAM	25	25	20.33	20.31	20.52	20.37	20.42		
10	64QAM	50	0	20.37	20.35	20.40	20.34	20.36		
10	256QAM	1	0	18.46	18.46	18.44	18.35	18.33	19	5
10	256QAM	1	25	18.28	18.32	18.41	18.33	18.30		
10	256QAM	1	49	18.49	18.47	18.50	18.40	18.42		
10	256QAM	25	0	18.52	18.51	18.48	18.47	18.51	19	5
10	256QAM	25	12	18.34	18.34	18.47	18.34	18.38		
10	256QAM	25	25	18.38	18.44	18.50	18.41	18.41		
10	256QAM	50	0	18.40	18.41	18.50	18.44	18.47		
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	22.88	22.90	22.98	22.97	22.99	24	0
5	QPSK	1	12	22.91	22.94	22.97	22.93	22.92		
5	QPSK	1	24	22.96	22.97	22.91	22.88	22.96		
5	QPSK	12	0	22.47	22.40	22.53	22.51	22.48	23	1
5	QPSK	12	7	22.44	22.45	22.48	22.40	22.34		
5	QPSK	12	13	22.34	22.36	22.45	22.30	22.37		
5	QPSK	25	0	22.40	22.45	22.51	22.41	22.40		
5	16QAM	1	0	22.41	22.44	22.56	22.50	22.42	23	1
5	16QAM	1	12	22.47	22.50	22.52	22.49	22.45		
5	16QAM	1	24	22.34	22.31	22.48	22.34	22.43		
5	16QAM	12	0	21.43	21.47	21.45	21.44	21.42	22	2
5	16QAM	12	7	21.31	21.31	21.41	21.37	21.41		
5	16QAM	12	13	21.37	21.36	21.50	21.39	21.39		
5	16QAM	25	0	21.47	21.49	21.53	21.39	21.45		
5	64QAM	1	0	21.48	21.42	21.48	21.33	21.37	22	2
5	64QAM	1	12	21.36	21.37	21.38	21.45	21.41		
5	64QAM	1	24	21.30	21.34	21.43	21.40	21.37		
5	64QAM	12	0	20.50	20.45	20.48	20.45	20.41	21	3
5	64QAM	12	7	20.46	20.47	20.48	20.34	20.36		
5	64QAM	12	13	20.35	20.42	20.45	20.44	20.34		
5	64QAM	25	0	20.40	20.39	20.40	20.36	20.36		
5	256QAM	1	0	18.47	18.39	18.38	18.34	18.36	19	5
5	256QAM	1	12	18.28	18.38	18.41	18.35	18.33		
5	256QAM	1	24	18.48	18.40	18.39	18.35	18.39		
5	256QAM	12	0	18.48	18.48	18.45	18.49	18.45	19	5
5	256QAM	12	7	18.35	18.44	18.47	18.34	18.40		
5	256QAM	12	13	18.42	18.37	18.48	18.45	18.42		
5	256QAM	25	0	18.38	18.40	18.48	18.50	18.39		

Reduced Power Mode for ECI7_Other PA

Band 2 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.95	19.02	18.96		
20	QPSK	1	49	18.91	18.91	18.93	20.2	0
20	QPSK	1	99	18.90	18.88	18.92		
20	QPSK	50	0	18.92	18.99	18.94		
20	QPSK	50	24	18.86	18.86	18.90	20.2	0
20	QPSK	50	50	18.89	18.92	18.97		
20	QPSK	100	0	18.86	18.93	18.85		
20	16QAM	1	0	18.95	18.93	18.90		
20	16QAM	1	49	18.94	18.96	18.95	20.2	0
20	16QAM	1	99	18.87	18.98	18.90		
20	16QAM	50	0	18.93	18.96	18.93		
20	16QAM	50	24	18.91	18.98	18.89	20.2	0
20	16QAM	50	50	18.88	18.96	18.92		
20	16QAM	100	0	18.89	18.96	18.93		
20	64QAM	1	0	18.94	18.90	18.85		
20	64QAM	1	49	18.95	18.95	18.86	20.2	0
20	64QAM	1	99	18.90	18.93	18.89		
20	64QAM	50	0	18.92	18.96	18.92		
20	64QAM	50	24	18.90	18.97	18.93	20	0.2
20	64QAM	50	50	18.90	18.99	18.97		
20	64QAM	100	0	18.85	18.95	18.93		
20	256QAM	1	0	16.88	16.89	16.83		
20	256QAM	1	49	16.79	16.87	16.78	18	2.2
20	256QAM	1	99	16.90	16.91	16.85		
20	256QAM	50	0	16.96	16.96	16.95		
20	256QAM	50	24	16.85	16.92	16.84	18	2.2
20	256QAM	50	50	16.85	16.93	16.86		
20	256QAM	100	0	16.82	16.91	16.90		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.88	18.85	18.84		
15	QPSK	1	37	18.81	18.88	18.80	20.2	0
15	QPSK	1	74	18.88	18.83	18.89		
15	QPSK	36	0	18.89	18.83	18.84		
15	QPSK	36	20	18.90	18.87	18.79	20.2	0
15	QPSK	36	39	18.86	18.82	18.87		
15	QPSK	75	0	18.91	18.89	18.84		
15	16QAM	1	0	18.88	18.88	18.86		
15	16QAM	1	37	18.79	18.92	18.88	20.2	0
15	16QAM	1	74	18.85	18.82	18.80		
15	16QAM	36	0	18.90	18.85	18.84		
15	16QAM	36	20	18.92	18.88	18.86	20.2	0
15	16QAM	36	39	18.89	18.92	18.88		
15	16QAM	75	0	18.89	18.92	18.87		
15	64QAM	1	0	18.87	18.92	18.83		
15	64QAM	1	37	18.90	18.92	18.84	20.2	0
15	64QAM	1	74	18.88	18.85	18.80		
15	64QAM	36	0	18.82	18.92	18.80		
15	64QAM	36	20	18.88	18.87	18.79	20	0.2
15	64QAM	36	39	18.84	18.86	18.89		
15	64QAM	75	0	18.82	18.91	18.91		
15	256QAM	1	0	16.83	16.78	16.79		
15	256QAM	1	37	16.75	16.81	16.73	18	2.2
15	256QAM	1	74	16.86	16.82	16.74		
15	256QAM	36	0	16.89	16.88	16.93		
15	256QAM	36	20	16.73	16.90	16.73	18	2.2
15	256QAM	36	39	16.77	16.91	16.84		
15	256QAM	75	0	16.75	16.86	16.80		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.80	18.85	18.81		
10	QPSK	1	25	18.86	18.87	18.85	20.2	0
10	QPSK	1	49	18.91	18.89	18.89		
10	QPSK	25	0	18.90	18.92	18.80		
10	QPSK	25	12	18.82	18.88	18.82	20.2	0
10	QPSK	25	25	18.86	18.85	18.86		
10	QPSK	50	0	18.83	18.89	18.83		
10	16QAM	1	0	18.89	18.87	18.83		
10	16QAM	1	25	18.85	18.85	18.90	20.2	0
10	16QAM	1	49	18.86	18.92	18.82		
10	16QAM	25	0	18.86	18.88	18.90		
10	16QAM	25	12	18.90	18.92	18.89	20.2	0
10	16QAM	25	25	18.90	18.88	18.81		
10	16QAM	50	0	18.79	18.86	18.86		
10	64QAM	1	0	18.84	18.86	18.86		
10	64QAM	1	25	18.79	18.86	18.83	20.2	0
10	64QAM	1	49	18.81	18.84	18.82		
10	64QAM	25	0	18.89	18.83	18.85		
10	64QAM	25	12	18.89	18.88	18.86	20	0.2
10	64QAM	25	25	18.89	18.92	18.81		
10	64QAM	50	0	18.89	18.87	18.90		
10	256QAM	1	0	16.86	16.81	16.79		
10	256QAM	1	25	16.74	16.74	16.75	18	2.2
10	256QAM	1	49	16.85	16.83	16.81		
10	256QAM	25	0	16.94	16.86	16.91		
10	256QAM	25	12	16.73	16.82	16.80	18	2.2
10	256QAM	25	25	16.72	16.84	16.75		
10	256QAM	50	0	16.79	16.86	16.87		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.90	18.84	18.89		
5	QPSK	1	12	18.85	18.84	18.81	20.2	0
5	QPSK	1	24	18.91	18.90	18.82		
5	QPSK	12	0	18.79	18.91	18.85		
5	QPSK	12	7	18.85	18.87	18.90	20.2	0
5	QPSK	12	13	18.87	18.90	18.90		
5	QPSK	25	0	18.83	18.83	18.82		
5	16QAM	1	0	18.86	18.85	18.82		
5	16QAM	1	12	18.90	18.86	18.90	20.2	0
5	16QAM	1	24	18.86	18.90	18.89		
5	16QAM	12	0	18.81	18.89	18.86		
5	16QAM	12	7	18.80	18.89	18.87	20.2	0
5	16QAM	12	13	18.84	18.85	18.91		
5	16QAM	25	0	18.85	18.83	18.89		
5	64QAM	1	0	18.86	18.86	18.82		
5	64QAM	1	12	18.80	18.87	18.84	20.2	0
5	64QAM	1	24	18.86	18.85	18.86		
5	64QAM	12	0	18.81	18.92	18.86		
5	64QAM	12	7	18.86	18.88	18.86	20	0.2
5	64QAM	12	13	18.86	18.91	18.80		
5	64QAM	25	0	18.84	18.90	18.81		
5	256QAM	1	0	16.78	16.85	16.72		
5	256QAM	1	12	16.71	16.76	16.87	18	2.2
5	256QAM	1	24	16.85	16.88	16.79		
5	256QAM	12	0	16.84	16.87	16.87		
5	256QAM	12	7	16.79	16.85	16.74	18	2.2
5	256QAM	12	13	16.82	16.91	16.83		
5	256QAM	25	0	16.79	16.88	16.77		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.87	18.92	18.86		
3	QPSK	1	8	18.90	18.82	18.85	20.2	0
3	QPSK	1	14	18.88	18.91	18.87		
3	QPSK	8	0	18.91	18.92	18.80		
3	QPSK	8	4	18.79	18.85	18.79	20.2	0
3	QPSK	8	7	18.83	18.85	18.89		
3	QPSK	15	0	18.84	18.90	18.89		
3	16QAM	1	0	18.81	18.90	18.86		
3	16QAM	1	8	18.80	18.89	18.90	20.2	0
3	16QAM	1	14	18.83	18.91	18.90		
3	16QAM	8	0	18.85	18.86	18.84		
3	16QAM	8	4	18.86	18.86	18.82	20.2	0
3	16QAM	8	7	18.83	18.83	18.90		
3	16QAM	15	0	18.80	18.91	18.90		
3	64QAM	1	0	18.83	18.86	18.90		
3	64QAM	1	8	18.91	18.91	18.87	20.2	0
3	64QAM	1	14	18.85	18.85	18.82		
3	64QAM	8	0	18.81	18.82	18.89		
3	64QAM	8	4	18.88	18.88	18.90	20	0.2
3	64QAM	8	7	18.84	18.82	18.83		
3	64QAM	15	0	18.88	18.93	18.79		
3	256QAM	1	0	16.79	16.80	16.75		
3	256QAM	1	8	16.71	16.81	16.66	18	2.2
3	256QAM	1	14	16.79	16.80	16.73		
3	256QAM	8	0	16.90	16.89	16.85		
3	256QAM	8	4	16.80	16.73	16.76	18	2.2
3	256QAM	8	7	16.80	16.84	16.81		
3	256QAM	15	0	16.78	16.82	16.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.86	18.86	18.79		
1.4	QPSK	1	3	18.81	18.90	18.86		
1.4	QPSK	1	5	18.89	18.91	18.86	20.2	0
1.4	QPSK	3	0	18.85	18.93	18.89		
1.4	QPSK	3	1	18.82	18.90	18.90		
1.4	QPSK	3	3	18.88	18.91	18.82		
1.4	QPSK	6	0	18.85	18.86	18.89	20.2	0
1.4	16QAM	1	0	18.90	18.88	18.81		
1.4	16QAM	1	3	18.86	18.87	18.79		
1.4	16QAM	1	5	18.82	18.85	18.84	20.2	0
1.4	16QAM	3	0	18.82	18.81	18.84		
1.4	16QAM	3	1	18.80	18.93	18.87		
1.4	16QAM	3	3	18.84	18.90	18.88		
1.4	16QAM	6	0	18.83	18.92	18.91	20.2	0
1.4	64QAM	1	0	18.90	18.92	18.85		
1.4	64QAM	1	3	18.82	18.81	18.79		
1.4	64QAM	1	5	18.84	18.82	18.88	20.2	0
1.4	64QAM	3	0	18.89	18.84	18.85		
1.4	64QAM	3	1	18.88	18.91	18.87		
1.4	64QAM	3	3	18.85	18.89	18.80		
1.4	64QAM	6	0	18.86	18.91	18.82	20	0.2
1.4	256QAM	1	0	16.82	16.85	16.77		
1.4	256QAM	1	3	16.72	16.85	16.66		
1.4	256QAM	1	5	16.82	16.89	16.74	18	2.2
1.4	256QAM	3	0	16.87	16.83	16.91		
1.4	256QAM	3	1	16.78	16.83	16.75		
1.4	256QAM	3	3	16.78	16.90	16.83		
1.4	256QAM	6	0	16.78	16.90	16.78	18	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.91	21.95	21.93		
20	QPSK	1	49	21.89	21.84	21.85	23	0
20	QPSK	1	99	21.90	21.90	21.83		
20	QPSK	50	0	20.93	20.97	20.96		
20	QPSK	50	24	20.92	20.92	20.89	22	1
20	QPSK	50	50	20.87	20.87	20.80		
20	QPSK	100	0	20.89	20.93	20.87		
20	16QAM	1	0	20.92	20.94	20.96		
20	16QAM	1	49	20.91	20.94	20.96	22	1
20	16QAM	1	99	20.82	20.96	20.81		
20	16QAM	50	0	19.94	19.94	19.88		
20	16QAM	50	24	19.77	19.94	19.93	21	2
20	16QAM	50	50	19.88	19.96	19.88		
20	16QAM	100	0	19.88	19.95	19.91		
20	64QAM	1	0	19.90	19.93	19.81		
20	64QAM	1	49	19.85	19.89	19.90	21	2
20	64QAM	1	99	19.83	19.91	19.80		
20	64QAM	50	0	18.98	18.93	18.90		
20	64QAM	50	24	18.94	18.98	18.80	20	3
20	64QAM	50	50	18.82	18.87	18.86		
20	64QAM	100	0	18.89	18.86	18.78		
20	256QAM	1	0	16.82	16.94	16.77		
20	256QAM	1	49	16.78	16.93	16.72	18	5
20	256QAM	1	99	16.92	16.90	16.90		
20	256QAM	50	0	16.91	16.96	16.99		
20	256QAM	50	24	16.86	16.97	16.79	18	5
20	256QAM	50	50	16.90	16.91	16.87		
20	256QAM	100	0	16.79	16.92	16.90		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.86	21.89	21.88		
15	QPSK	1	37	21.76	21.82	21.79	23	0
15	QPSK	1	74	21.79	21.80	21.81		
15	QPSK	36	0	20.86	20.88	20.93		
15	QPSK	36	20	20.87	20.88	20.74	22	1
15	QPSK	36	39	20.74	20.81	20.73		
15	QPSK	75	0	20.84	20.88	20.74		
15	16QAM	1	0	20.82	20.92	20.87		
15	16QAM	1	37	20.87	20.92	20.89	22	1
15	16QAM	1	74	20.71	20.84	20.72		
15	16QAM	36	0	19.76	19.91	19.88		
15	16QAM	36	20	19.80	19.92	19.79	21	2
15	16QAM	36	39	19.81	19.84	19.76		
15	16QAM	75	0	19.89	19.86	19.77		
15	64QAM	1	0	19.78	19.85	19.74		
15	64QAM	1	37	19.80	19.79	19.78	21	2
15	64QAM	1	74	19.71	19.81	19.75		
15	64QAM	36	0	18.92	18.90	18.86		
15	64QAM	36	20	18.89	18.83	18.74	20	3
15	64QAM	36	39	18.75	18.82	18.80		
15	64QAM	75	0	18.75	18.85	18.70		
15	256QAM	1	0	16.86	16.78	16.77		
15	256QAM	1	37	16.74	16.80	16.75	18	5
15	256QAM	1	74	16.77	16.79	16.74		
15	256QAM	36	0	16.90	16.87	16.94		
15	256QAM	36	20	16.82	16.89	16.75	18	5
15	256QAM	36	39	16.75	16.90	16.83		
15	256QAM	75	0	16.77	16.82	16.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.83	21.86	21.81		
10	QPSK	1	25	21.79	21.79	21.71	23	0
10	QPSK	1	49	21.79	21.80	21.79		
10	QPSK	25	0	20.83	20.92	20.88		
10	QPSK	25	12	20.81	20.82	20.82	22	1
10	QPSK	25	25	20.79	20.87	20.73		
10	QPSK	50	0	20.77	20.82	20.76		
10	16QAM	1	0	20.90	20.87	20.82		
10	16QAM	1	25	20.88	20.90	20.90	22	1
10	16QAM	1	49	20.77	20.86	20.72		
10	16QAM	25	0	19.84	19.89	19.83		
10	16QAM	25	12	19.69	19.83	19.87	21	2
10	16QAM	25	25	19.79	19.89	19.76		
10	16QAM	50	0	19.87	19.88	19.77		
10	64QAM	1	0	19.79	19.80	19.80		
10	64QAM	1	25	19.82	19.80	19.74	21	2
10	64QAM	1	49	19.69	19.76	19.75		
10	64QAM	25	0	18.91	18.88	18.77		
10	64QAM	25	12	18.90	18.83	18.80	20	3
10	64QAM	25	25	18.75	18.90	18.75		
10	64QAM	50	0	18.79	18.82	18.68		
10	256QAM	1	0	16.80	16.77	16.80		
10	256QAM	1	25	16.78	16.77	16.76	18	5
10	256QAM	1	49	16.82	16.83	16.79		
10	256QAM	25	0	16.88	16.93	16.91		
10	256QAM	25	12	16.78	16.87	16.78	18	5
10	256QAM	25	25	16.73	16.87	16.77		
10	256QAM	50	0	16.73	16.86	16.87		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.85	21.89	21.78		
5	QPSK	1	12	21.74	21.81	21.75	23	0
5	QPSK	1	24	21.86	21.85	21.77		
5	QPSK	12	0	20.85	20.89	20.81		
5	QPSK	12	7	20.84	20.82	20.73	22	1
5	QPSK	12	13	20.76	20.82	20.70		
5	QPSK	25	0	20.83	20.86	20.77		
5	16QAM	1	0	20.88	20.93	20.86		
5	16QAM	1	12	20.83	20.81	20.90	22	1
5	16QAM	1	24	20.78	20.89	20.74		
5	16QAM	12	0	19.83	19.94	19.88		
5	16QAM	12	7	19.76	19.79	19.78	21	2
5	16QAM	12	13	19.78	19.85	19.78		
5	16QAM	25	0	19.79	19.91	19.79		
5	64QAM	1	0	19.78	19.92	19.75		
5	64QAM	1	12	19.80	19.81	19.83	21	2
5	64QAM	1	24	19.80	19.80	19.81		
5	64QAM	12	0	18.86	18.89	18.86		
5	64QAM	12	7	18.89	18.81	18.77	20	3
5	64QAM	12	13	18.71	18.83	18.81		
5	64QAM	25	0	18.83	18.77	18.74		
5	256QAM	1	0	16.84	16.81	16.75		
5	256QAM	1	12	16.74	16.74	16.72	18	5
5	256QAM	1	24	16.84	16.79	16.83		
5	256QAM	12	0	16.87	16.86	16.82		
5	256QAM	12	7	16.81	16.90	16.75	18	5
5	256QAM	12	13	16.82	16.82	16.78		
5	256QAM	25	0	16.69	16.86	16.78		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.78	21.82	21.78		
3	QPSK	1	8	21.79	21.81	21.78	23	0
3	QPSK	1	14	21.77	21.85	21.81		
3	QPSK	8	0	20.79	20.87	20.85		
3	QPSK	8	4	20.83	20.82	20.82	22	1
3	QPSK	8	7	20.77	20.90	20.76		
3	QPSK	15	0	20.82	20.90	20.75		
3	16QAM	1	0	20.83	20.87	20.84		
3	16QAM	1	8	20.85	20.88	20.84	22	1
3	16QAM	1	14	20.69	20.85	20.79		
3	16QAM	8	0	19.80	19.88	19.88		
3	16QAM	8	4	19.73	19.79	19.77	21	2
3	16QAM	8	7	19.76	19.89	19.76		
3	16QAM	15	0	19.86	19.85	19.77		
3	64QAM	1	0	19.82	19.81	19.79		
3	64QAM	1	8	19.81	19.78	19.81	21	2
3	64QAM	1	14	19.71	19.78	19.79		
3	64QAM	8	0	18.93	18.88	18.76		
3	64QAM	8	4	18.88	18.92	18.75	20	3
3	64QAM	8	7	18.73	18.84	18.77		
3	64QAM	15	0	18.83	18.82	18.70		
3	256QAM	1	0	16.76	16.82	16.74		
3	256QAM	1	8	16.77	16.83	16.74	18	5
3	256QAM	1	14	16.83	16.88	16.83		
3	256QAM	8	0	16.89	16.86	16.83		
3	256QAM	8	4	16.78	16.73	16.73	18	5
3	256QAM	8	7	16.79	16.86	16.83		
3	256QAM	15	0	16.80	16.82	16.83		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.78	21.87	21.72		
1.4	QPSK	1	3	21.65	21.76	21.75		
1.4	QPSK	1	5	21.71	21.75	21.73	23	0
1.4	QPSK	3	0	21.75	21.68	21.74		
1.4	QPSK	3	1	21.65	21.69	21.67		
1.4	QPSK	3	3	21.70	21.78	21.79		
1.4	QPSK	6	0	20.68	20.90	20.81	22	1
1.4	16QAM	1	0	20.75	20.77	20.72		
1.4	16QAM	1	3	20.73	20.75	20.60		
1.4	16QAM	1	5	20.77	20.82	20.73	22	1
1.4	16QAM	3	0	20.69	20.79	20.78		
1.4	16QAM	3	1	20.79	20.76	20.88		
1.4	16QAM	3	3	20.68	20.77	20.67		
1.4	16QAM	6	0	19.73	19.84	19.85	21	2
1.4	64QAM	1	0	19.73	19.69	19.70		
1.4	64QAM	1	3	19.71	19.75	19.78		
1.4	64QAM	1	5	19.80	19.78	19.73	21	2
1.4	64QAM	3	0	19.76	19.85	19.65		
1.4	64QAM	3	1	19.74	19.72	19.75		
1.4	64QAM	3	3	19.72	19.69	19.75		
1.4	64QAM	6	0	18.83	18.81	18.76	20	3
1.4	256QAM	1	0	16.78	16.75	16.69		
1.4	256QAM	1	3	16.59	16.79	16.61		
1.4	256QAM	1	5	16.76	16.80	16.72	18	5
1.4	256QAM	3	0	16.77	16.71	16.81		
1.4	256QAM	3	1	16.76	16.72	16.65		
1.4	256QAM	3	3	16.73	16.89	16.72		
1.4	256QAM	6	0	16.74	16.88	16.66	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.91	22.98	22.95		
20	QPSK	1	49	22.89	22.86	22.86	24	0
20	QPSK	1	99	22.92	22.93	22.82		
20	QPSK	50	0	21.91	21.95	21.93		
20	QPSK	50	24	21.88	21.88	21.83	23	1
20	QPSK	50	50	21.81	21.87	21.75		
20	QPSK	100	0	21.89	21.93	21.87		
20	16QAM	1	0	21.93	21.98	21.95		
20	16QAM	1	49	21.87	21.89	21.84	23	1
20	16QAM	1	99	21.83	21.88	21.86		
20	16QAM	50	0	20.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.32	21.39	21.35	22.5	0
20	QPSK	1	49	21.34	21.31	21.32		
20	QPSK	1	99	21.32	21.31	21.34		
20	QPSK	50	0	21.31	21.37	21.36	22.5	0
20	QPSK	50	24	21.35	21.30	21.33		
20	QPSK	50	50	21.27	21.28	21.32		
20	QPSK	100	0	21.30	21.35	21.34		
20	16QAM	1	0	21.26	21.33	21.29	22.5	0
20	16QAM	1	49	21.28	21.31	21.34		
20	16QAM	1	99	21.31	21.29	21.31		
20	16QAM	50	0	20.85	20.86	20.87	22	0.5
20	16QAM	50	24	20.80	20.80	20.86		
20	16QAM	50	50	20.79	20.84	20.87		
20	16QAM	100	0	20.84	20.87	20.75		
20	64QAM	1	0	20.77	20.90	20.79	22	0.5
20	64QAM	1	49	20.80	20.82	20.78		
20	64QAM	1	99	20.80	20.84	20.74		
20	64QAM	50	0	19.84	19.92	19.77	21	1.5
20	64QAM	50	24	19.86	19.89	19.77		
20	64QAM	50	50	19.79	19.84	19.75		
20	64QAM	100	0	19.75	19.87	19.78		
20	256QAM	1	0	17.79	17.87	17.71	19	3.5
20	256QAM	1	49	17.69	17.76	17.73		
20	256QAM	1	99	17.87	17.79	17.78		
20	256QAM	50	0	17.85	17.86	17.84	19	3.5
20	256QAM	50	24	17.81	17.81	17.80		
20	256QAM	50	50	17.75	17.92	17.84		
20	256QAM	100	0	17.79	17.80	17.84		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.34	21.32	21.27	22.5	0
15	QPSK	1	37	21.31	21.34	21.26		
15	QPSK	1	74	21.31	21.28	21.36		
15	QPSK	36	0	21.27	21.35	21.31	22.5	0
15	QPSK	36	20	21.30	21.29	21.27		
15	QPSK	36	39	21.36	21.29	21.28		
15	QPSK	75	0	21.30	21.38	21.31		
15	16QAM	1	0	21.35	21.30	21.32	22.5	0
15	16QAM	1	37	21.28	21.34	21.26		
15	16QAM	1	74	21.33	21.32	21.27		
15	16QAM	36	0	20.79	20.78	20.86	22	0.5
15	16QAM	36	20	20.68	20.76	20.73		
15	16QAM	36	39	20.64	20.76	20.80		
15	16QAM	75	0	20.77	20.87	20.72		
15	64QAM	1	0	20.72	20.79	20.69	22	0.5
15	64QAM	1	37	20.75	20.72	20.79		
15	64QAM	1	74	20.66	20.81	20.74		
15	64QAM	36	0	19.83	19.83	19.74	21	1.5
15	64QAM	36	20	19.78	19.83	19.68		
15	64QAM	36	39	19.72	19.84	19.79		
15	64QAM	75	0	19.78	19.73	19.62		
15	256QAM	1	0	17.79	17.76	17.76	19	3.5
15	256QAM	1	37	17.68	17.79	17.71		
15	256QAM	1	74	17.73	17.78	17.79		
15	256QAM	36	0	17.84	17.80	17.78	19	3.5
15	256QAM	36	20	17.67	17.85	17.68		
15	256QAM	36	39	17.70	17.76	17.71		
15	256QAM	75	0	17.75	17.83	17.77		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.32	21.30	21.33	22.5	0
10	QPSK	1	25	21.35	21.27	21.34		
10	QPSK	1	49	21.35	21.33	21.26		
10	QPSK	25	0	21.29	21.37	21.34	22.5	0
10	QPSK	25	12	21.25	21.32	21.29		
10	QPSK	25	25	21.31	21.33	21.37		
10	QPSK	50	0	21.28	21.37	21.36		
10	16QAM	1	0	21.34	21.33	21.30	22.5	0
10	16QAM	1	25	21.36	21.30	21.29		
10	16QAM	1	49	21.25	21.30	21.28		
10	16QAM	25	0	20.77	20.79	20.75	22	0.5
10	16QAM	25	12	20.67	20.75	20.81		
10	16QAM	25	25	20.67	20.73	20.78		
10	16QAM	50	0	20.76	20.77	20.76		
10	64QAM	1	0	20.80	20.87	20.75	22	0.5
10	64QAM	1	25	20.71	20.72	20.74		
10	64QAM	1	49	20.74	20.81	20.66		
10	64QAM	25	0	19.82	19.90	19.76	21	1.5
10	64QAM	25	12	19.82	19.75	19.74		
10	64QAM	25	25	19.71	19.76	19.68		
10	64QAM	50	0	19.71	19.76	19.69		
10	256QAM	1	0	17.73	17.80	17.69	19	3.5
10	256QAM	1	25	17.71	17.76	17.65		
10	256QAM	1	49	17.75	17.74	17.68		
10	256QAM	25	0	17.89	17.89	17.82	19	3.5
10	256QAM	25	12	17.77	17.83	17.76		
10	256QAM	25	25	17.73	17.84	17.69		
10	256QAM	50	0	17.73	17.84	17.73		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.32	21.34	21.32	22.5	0
5	QPSK	1	12	21.30	21.34	21.36		
5	QPSK	1	24	21.28	21.31	21.35		
5	QPSK	12	0	21.31	21.36	21.31	22.5	0
5	QPSK	12	7	21.35	21.32	21.25		
5	QPSK	12	13	21.32	21.32	21.33		
5	QPSK	25	0	21.27	21.38	21.30		
5	16QAM	1	0	21.28	21.35	21.27	22.5	0
5	16QAM	1	12	21.34	21.31	21.35		
5	16QAM	1	24	21.28	21.36	21.31		
5	16QAM	12	0	20.80	20.78	20.80	22	0.5
5	16QAM	12	7	20.67	20.81	20.72		
5	16QAM	12	13	20.75	20.82	20.77		
5	16QAM	25	0	20.78	20.82	20.72		
5	64QAM	1	0	20.80	20.81	20.69	22	0.5
5	64QAM	1	12	20.70	20.81	20.71		
5	64QAM	1	24	20.71	20.81	20.77		
5	64QAM	12	0	19.88	19.80	19.76	21	1.5
5	64QAM	12	7	19.77	19.82	19.68		
5	64QAM	12	13	19.67	19.77	19.74		
5	64QAM	25	0	19.75	19.80	19.62		
5	256QAM	1	0	17.75	17.82	17.75	19	3.5
5	256QAM	1	12	17.71	17.81	17.65		
5	256QAM	1	24	17.77	17.85	17.76		
5	256QAM	12	0	17.85	17.78	17.80	19	3.5
5	256QAM	12	7	17.72	17.82	17.73		
5	256QAM	12	13	17.69	17.84	17.75		
5	256QAM	25	0	17.75	17.80	17.80		

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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	21.39	21.40	21.45	21.41	21.42	22.5	0
20	QPSK	1	49	21.38	21.41	21.39	21.34	21.31		
20	QPSK	1	99	21.31	21.34	21.33	21.35	21.38		
20	QPSK	50	0	21.39	21.35	21.43	21.41	21.37	22.5	0
20	QPSK	50	24	21.35	21.39	21.35	21.35	21.33		
20	QPSK	50	50	21.40	21.39	21.39	21.32	21.42		
20	QPSK	100	0	21.40	21.36	21.41	21.35	21.37		
20	16QAM	1	0	21.40	21.37	21.35	21.39	21.42	22.5	0
20	16QAM	1	49	21.35	21.43	21.33	21.38	21.33		
20	16QAM	1	99	21.37	21.42	21.35	21.34	21.38		
20	16QAM	50	0	20.79	20.79	20.89	20.87	20.87	22	0.5
20	16QAM	50	24	20.83	20.80	20.86	20.90	20.81		
20	16QAM	50	50	20.78	20.79	20.92	20.85	20.82		
20	16QAM	100	0	20.86	20.80	20.87	20.87	20.80		
20	64QAM	1	0	20.79	20.87	20.84	20.74	20.79	22	0.5
20	64QAM	1	49	20.74	20.75	20.83	20.83	20.79		
20	64QAM	1	99	20.74	20.82	20.85	20.86	20.78		
20	64QAM	50	0	19.94	19.92	19.93	19.82	19.85	21	1.5
20	64QAM	50	24	19.92	19.90	19.92	19.80	19.74		
20	64QAM	50	50	19.75	19.74	19.86	19.85	19.78		
20	64QAM	100	0	19.83	19.84	19.85	19.71	19.72		
20	256QAM	1	0	17.78	17.82	17.82	17.81	17.81	19	3.5
20	256QAM	1	49	17.74	17.71	17.89	17.72	17.71		
20	256QAM	1	99	17.80	17.82	17.92	17.86	17.76		
20	256QAM	50	0	17.95	17.93	17.94	17.94	17.85	19	3.5
20	256QAM	50	24	17.84	17.76	17.89	17.80	17.83		
20	256QAM	50	50	17.76	17.75	17.94	17.81	17.82		
20	256QAM	100	0	17.81	17.83	17.90	17.88	17.80		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.27	21.31	21.38	21.29	21.36	23	0
15	QPSK	1	37	21.27	21.35	21.29	21.32	21.26		
15	QPSK	1	74	21.25	21.30	21.33	21.36	21.35		
15	QPSK	36	0	21.32	21.28	21.35	21.30	21.37	22.5	0
15	QPSK	36	20	21.26	21.37	21.36	21.30	21.32		
15	QPSK	36	39	21.27	21.32	21.27	21.34	21.37		
15	QPSK	75	0	21.37	21.35	21.31	21.31	21.30		
15	16QAM	1	0	21.32	21.28	21.30	21.34	21.26	22.5	0
15	16QAM	1	37	21.30	21.31	21.37	21.33	21.31		
15	16QAM	1	74	21.31	21.30	21.36	21.25	21.27		
15	16QAM	36	0	20.77	20.72	20.79	20.77	20.82	22	0.5
15	16QAM	36	20	20.74	20.72	20.83	20.80	20.76		
15	16QAM	36	39	20.75	20.67	20.79	20.77	20.74		
15	16QAM	75	0	20.76	20.79	20.82	20.74	20.69		
15	64QAM	1	0	20.75	20.70	20.86	20.74	20.67	22	0.5
15	64QAM	1	37	20.65	20.74	20.76	20.69	20.79		
15	64QAM	1	74	20.71	20.67	20.70	20.78	20.73		
15	64QAM	36	0	19.83	19.87	19.89	19.79	19.78	21	1.5
15	64QAM	36	20	19.85	19.84	19.81	19.69	19.66		
15	64QAM	36	39	19.72	19.68	19.83	19.72	19.78		
15	64QAM	75	0	19.79	19.73	19.75	19.63	19.67		
15	256QAM	1	0	17.71	17.72	17.80	17.75	17.72	19	3.5
15	256QAM	1	37	17.64	17.63	17.69	17.67	17.62		
15	256QAM	1	74	17.78	17.75	17.74	17.74	17.75		
15	256QAM	36	0	17.87	17.84	17.83	17.86	17.78	19	3.5
15	256QAM	36	20	17.76	17.72	17.77	17.68	17.70		
15	256QAM	36	39	17.77	17.68	17.77	17.77	17.75		
15	256QAM	75	0	17.64	17.71	17.80	17.73	17.77		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.35	21.33	21.27	21.37	21.28	23	0
10	QPSK	1	25	21.26	21.26	21.27	21.34	21.36		
10	QPSK	1	49	21.27	21.35	21.31	21.28	21.29		
10	QPSK	25	0	21.28	21.26	21.34	21.26	21.34	22.5	0
10	QPSK	25	12	21.30	21.27	21.34	21.33	21.33		
10	QPSK	25	25	21.37	21.31	21.35	21.26	21.29		
10	QPSK	50	0	21.26	21.34	21.27	21.37	21.31		
10	16QAM	1	0	21.26	21.34	21.26	21.29	21.35	22.5	0
10	16QAM	1	25	21.30	21.27	21.35	21.30	21.30		
10	16QAM	1	49	21.36	21.26	21.28	21.29	21.27		
10	16QAM	25	0	20.81	20.77	20.79	20.78	20.79	22	0.5
10	16QAM	25	12	20.72	20.66	20.73	20.78	20.82		
10	16QAM	25	25	20.74	20.70	20.75	20.71	20.70		
10	16QAM	50	0	20.81	20.75	20.87	20.79	20.72		
10	64QAM	1	0	20.82	20.71	20.83	20.75	20.77	22	0.5
10	64QAM	1	25	20.73	20.75	20.69	20.69	20.70		
10	64QAM	1	49	20.72	20.70	20.78	20.70	20.76		
10	64QAM	25	0	19.84	19.89	19.80	19.82	19.82	21	1.5
10	64QAM	25	12	19.81	19.76	19.77	19.76	19.70		
10	64QAM	25	25	19.71	19.65	19.77	19.75	19.72		
10	64QAM	50	0	19.69	19.73	19.76	19.71	19.70		
10	256QAM	1	0	17.79	17.82	17.73	17.66	17.75	19	3.5
10	256QAM	1	25	17.72	17.70	17.80	17.62	17.63		
10	256QAM	1	49	17.72	17.78	17.80	17.77	17.78		
10	256QAM	25	0	17.78	17.86	17.90	17.82	17.84	19	3.5
10	256QAM	25	12	17.68	17.78	17.82	17.67	17.76		
10	256QAM	25	25	17.75	17.76	17.82	17.78	17.71		
10	256QAM	50	0	17.74	17.68	17.74	17.81	17.73		
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	21.35	21.34	21.27	21.30	21.29	23	0
5	QPSK	1	12	21.33	21.28	21.28	21.29	21.27		
5	QPSK	1	24	21.33	21.26	21.34	21.26	21.36		
5	QPSK	12	0	21.35	21.28	21.34	21.25	21.29	22.5	0
5	QPSK	12	7	21.31	21.29	21.30	21.30	21.30		
5	QPSK	12	13	21.32	21.31	21.35	21.28	21.27		
5	QPSK	25	0	21.26	21.36	21.33	21.34	21.33		
5	16QAM	1	0	21.32	21.34	21.34	21.35	21.32	22.5	0
5	16QAM	1	12	21.27	21.37	21.34	21.33	21.36		
5	16QAM	1	24	21.26	21.26	21.35	21.35	21.35		
5	16QAM	12	0	20.71	20.71	20.80	20.78	20.80	22	0.5
5	16QAM	12	7	20.73	20.71	20.76	20.70	20.75		
5	16QAM	12	13	20.66	20.71	20.74	20.75	20.80		
5	16QAM	25	0	20.80	20.76	20.75	20.78	20.75		
5	64QAM	1	0	20.78	20.72	20.76	20.70	20.71	22	0.5
5	64QAM	1	12	20.73	20.71	20.77	20.76	20.79		
5	64QAM	1	24	20.69	20.74	20.79	20.66	20.74		
5	64QAM	12	0	19.85	19.83	19.86	19.73	19.77	21	1.5
5	64QAM	12	7	19.78	19.78	19.82	19.67	19.71		
5	64QAM	12	13	19.68	19.73	19.75	19.73	19.79		
5	64QAM	25	0	19.74	19.69	19.78	19.66	19.73		
5	256QAM	1	0	17.82	17.74	17.73	17.68	17.69	19	3.5
5	256QAM	1	12	17.70	17.61	17.77	17.63	17.64		
5	256QAM	1	24	17.73	17.79	17.76	17.76	17.74		
5	256QAM	12	0	17.87	17.90	17.86	17.89	17.79	19	3.5
5	256QAM	12	7	17.73	17.78	17.80	17.75	17.76		
5	256QAM	12	13	17.79	17.76	17.76	17.74	17.80		
5	256QAM	25	0	17.74	17.71	17.82	17.79	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.87	15.87	15.85	17	0
20	QPSK	1	49	15.76	15.81	15.77		
20	QPSK	1	99	15.83	15.78	15.83		
20	QPSK	50	0	15.85	15.87	15.80	17	0
20	QPSK	50	24	15.80	15.76	15.76		
20	QPSK	50	50	15.85	15.84	15.77		
20	QPSK	100	0	15.83	15.85	15.82		
20	16QAM	1	0	15.83	15.85	15.80	17	0
20	16QAM	1	49	15.78	15.82	15.85		
20	16QAM	1	99	15.83	15.87	15.81		
20	16QAM	50	0	15.85	15.78	15.77	17	0
20	16QAM	50	24	15.87	15.78	15.78		
20	16QAM	50	50	15.77	15.80	15.86		
20	16QAM	100	0	15.76	15.76	15.80		
20	64QAM	1	0	15.75	15.79	15.79	17	0
20	64QAM	1	49	15.81	15.84	15.82		
20	64QAM	1	99	15.76	15.80	15.80		
20	64QAM	50	0	15.76	15.78	15.76	17	0
20	64QAM	50	24	15.76	15.81	15.82		
20	64QAM	50	50	15.84	15.84	15.78		
20	64QAM	100	0	15.81	15.84	15.81		
20	256QAM	1	0	15.83	15.80	15.78	17	0
20	256QAM	1	49	15.79	15.79	15.78		
20	256QAM	1	99	15.87	15.87	15.83		
20	256QAM	50	0	15.82	15.80	15.79	17	0
20	256QAM	50	24	15.86	15.80	15.81		
20	256QAM	50	50	15.85	15.82	15.76		
20	256QAM	100	0	15.76	15.85	15.81		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.74	15.79	15.78	17	0
15	QPSK	1	37	15.80	15.77	15.75		
15	QPSK	1	74	15.73	15.80	15.80		
15	QPSK	36	0	15.79	15.71	15.70	17	0
15	QPSK	36	20	15.72	15.79	15.71		
15	QPSK	36	39	15.71	15.71	15.69		
15	QPSK	75	0	15.70	15.80	15.72		
15	16QAM	1	0	15.80	15.77	15.70	17	0
15	16QAM	1	37	15.68	15.71	15.77		
15	16QAM	1	74	15.77	15.81	15.70		
15	16QAM	36	0	15.74	15.72	15.75	17	0
15	16QAM	36	20	15.78	15.72	15.72		
15	16QAM	36	39	15.80	15.81	15.69		
15	16QAM	75	0	15.80	15.81	15.73		
15	64QAM	1	0	15.69	15.75	15.69	17	0
15	64QAM	1	37	15.73	15.73	15.73		
15	64QAM	1	74	15.73	15.70	15.75		
15	64QAM	36	0	15.78	15.77	15.75	17	0
15	64QAM	36	20	15.74	15.74	15.80		
15	64QAM	36	39	15.73	15.74	15.75		
15	64QAM	75	0	15.75	15.74	15.73		
15	256QAM	1	0	15.71	15.75	15.78	17	0
15	256QAM	1	37	15.70	15.72	15.72		
15	256QAM	1	74	15.68	15.79	15.74		
15	256QAM	36	0	15.70	15.80	15.73	17	0
15	256QAM	36	20	15.73	15.72	15.73		
15	256QAM	36	39	15.72	15.79	15.77		
15	256QAM	75	0	15.73	15.77	15.72		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.69	15.71	15.76	17	0
10	QPSK	1	25	15.79	15.74	15.78		
10	QPSK	1	49	15.74	15.78	15.75		
10	QPSK	25	0	15.79	15.78	15.68	17	0
10	QPSK	25	12	15.70	15.75	15.77		
10	QPSK	25	25	15.75	15.76	15.68		
10	QPSK	50	0	15.76	15.78	15.77		
10	16QAM	1	0	15.68	15.70	15.78	17	0
10	16QAM	1	25	15.68	15.73	15.78		
10	16QAM	1	49	15.69	15.77	15.69		
10	16QAM	25	0	15.80	15.79	15.79	17	0
10	16QAM	25	12	15.74	15.76	15.76		
10	16QAM	25	25	15.76	15.75	15.69		
10	16QAM	50	0	15.76	15.76	15.76		
10	64QAM	1	0	15.73	15.69	15.69	17	0
10	64QAM	1	25	15.77	15.75	15.73		
10	64QAM	1	49	15.74	15.75	15.80		
10	64QAM	25	0	15.79	15.80	15.80	17	0
10	64QAM	25	12	15.70	15.77	15.79		
10	64QAM	25	25	15.70	15.77	15.71		
10	64QAM	50	0	15.75	15.74	15.71		
10	256QAM	1	0	15.73	15.75	15.71	17	0
10	256QAM	1	25	15.77	15.75	15.77		
10	256QAM	1	49	15.77	15.78	15.75		
10	256QAM	25	0	15.80	15.76	15.75	17	0
10	256QAM	25	12	15.74	15.75	15.69		
10	256QAM	25	25	15.71	15.69	15.75		
10	256QAM	50	0	15.70	15.76	15.74		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.75	15.79	15.71	17	0
5	QPSK	1	12	15.73	15.73	15.70		
5	QPSK	1	24	15.76	15.73	15.73		
5	QPSK	12	0	15.76	15.76	15.79	17	0
5	QPSK	12	7	15.69	15.75	15.74		
5	QPSK	12	13	15.77	15.73	15.76		
5	QPSK	25	0	15.76	15.76	15.80		
5	16QAM	1	0	15.79	15.75	15.71	17	0
5	16QAM	1	12	15.72	15.69	15.73		
5	16QAM	1	24	15.77	15.76	15.72		
5	16QAM	12	0	15.75	15.73	15.70	17	0
5	16QAM	12	7	15.78	15.74	15.78		
5	16QAM	12	13	15.76	15.72	15.80		
5	16QAM	25	0	15.75	15.72	15.71	17	0
5	64QAM	1	0	15.79	15.80	15.69		
5	64QAM	1	12	15.75	15.73	15.78		
5	64QAM	1	24	15.76	15.76	15.77		
5	64QAM	12	0	15.76	15.69	15.70	17	0
5	64QAM	12	7	15.78	15.74	15.77		
5	64QAM	12	13	15.73	15.71	15.71		
5	64QAM	25	0	15.77	15.74	15.80		
5	256QAM	1	0	15.72	15.78	15.79	17	0
5	256QAM	1	12	15.76	15.72	15.72		
5	256QAM	1	24	15.77	15.80	15.70		
5	256QAM	12	0	15.76	15.72	15.69	17	0
5	256QAM	12	7	15.71	15.81	15.77		
5	256QAM	12	13	15.72	15.79	15.71		
5	256QAM	25	0	15.77	15.74	15.77		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.74	15.74	15.80	17	0
3	QPSK	1	8	15.78	15.77	15.73		
3	QPSK	1	14	15.73	15.73	15.79		
3	QPSK	8	0	15.72	15.70	15.79	17	0
3	QPSK	8	4	15.72	15.74	15.70		
3	QPSK	8	7	15.79	15.79	15.70		
3	QPSK	15	0	15.80	15.80	15.78		
3	16QAM	1	0	15.79	15.72	15.75	17	0
3	16QAM	1	8	15.78	15.78	15.74		
3	16QAM	1	14	15.78	15.76	15.69		
3	16QAM	8	0	15.75	15.78	15.75	17	0
3	16QAM	8	4	15.76	15.75	15.70		
3	16QAM	8	7	15.77	15.75	15.75		
3	16QAM	15	0	15.80	15.70	15.72		
3	64QAM	1	0	15.71	15.78	15.68	17	0
3	64QAM	1	8	15.70	15.80	15.77		
3	64QAM	1	14	15.77	15.80	15.75		
3	64QAM	8	0	15.78	15.77	15.69	17	0
3	64QAM	8	4	15.78	15.72	15.73		
3	64QAM	8	7	15.70	15.79	15.69		
3	64QAM	15	0	15.70	15.74	15.74		
3	256QAM	1	0	15.74	15.73	15.74	17	0
3	256QAM	1	8	15.71	15.81	15.79		
3	256QAM	1	14	15.72	15.70	15.69		
3	256QAM	8	0	15.70	15.71	15.78	17	0
3	256QAM	8	4	15.76	15.76	15.69		
3	256QAM	8	7	15.78	15.73	15.78		
3	256QAM	15	0	15.77	15.75	15.71		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.77	15.77	15.75	17	0
1.4	QPSK	1	3	15.71	15.80	15.77		
1.4	QPSK	1	5	15.78	15.73	15.70		
1.4	QPSK	3	0	15.76	15.77	15.70		
1.4	QPSK	3	1	15.69	15.77	15.68		
1.4	QPSK	3	3	15.70	15.78	15.78		
1.4	QPSK	6	0	15.71	15.74	15.72	17	0
1.4	16QAM	1	0	15.69	15.70	15.76	17	0
1.4	16QAM	1	3	15.75	15.70	15.76		
1.4	16QAM	1	5	15.77	15.79	15.71		
1.4	16QAM	3	0	15.72	15.73	15.73		
1.4	16QAM	3	1	15.78	15.78	15.70		
1.4	16QAM	3	3	15.75	15.76	15.79		
1.4	16QAM	6	0	15.70	15.79	15.70	17	0
1.4	64QAM	1	0	15.74	15.76	15.70	17	0
1.4	64QAM	1	3	15.72	15.73	15.77		
1.4	64QAM	1	5	15.78	15.81	15.80		
1.4	64QAM	3	0	15.76	15.70	15.70		
1.4	64QAM	3	1	15.69	15.71	15.75		
1.4	64QAM	3	3	15.75	15.75	15.79		
1.4	64QAM	6	0	15.70	15.78	15.80	17	0
1.4	256QAM	1	0	15.80	15.79	15.76	17	0
1.4	256QAM	1	3	15.73	15.78	15.78		
1.4	256QAM	1	5	15.78	15.75	15.74		
1.4	256QAM	3	0	15.75	15.79	15.73		
1.4	256QAM	3	1	15.78	15.72	15.80		
1.4	256QAM	3	3	15.73	15.76	15.78		
1.4	256QAM	6	0	15.79	15.72	15.76	17	0

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BW [MHz]	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	16.79	16.85	16.81	18	0
20	QPSK	1	49	16.83	16.82	16.80		
20	QPSK	1	99	16.80	16.76	16.76		
20	QPSK	50	0	16.79	16.83	16.78	18	0
20	QPSK	50	24	16.78	16.80	16.79		
20	QPSK	50	50	16.72	16.79	16.72		
20	QPSK	100	0	16.79	16.82	16.81		
20	16QAM	1	0	16.74	16.83	16.74	18	0
20	16QAM	1	49	16.79	16.84	16.81		
20	16QAM	1	99	16.77	16.79	16.81		
20	16QAM	50	0	16.82	16.76	16.82	18	0
20	16QAM	50	24	16.75	16.77	16.73		
20	16QAM	50	50	16.75	16.81	16.79		
20	16QAM	100	0	16.78	16.78	16.73		
20	64QAM	1	0	16.76	16.75	16.80	18	0
20	64QAM	1	49	16.75	16.78	16.80		
20	64QAM	1	99	16.74	16.79	16.80		
20	64QAM	50	0	16.84	16.77	16.83	18	0
20	64QAM	50	24	16.73	16.81	16.81		
20	64QAM	50	50	16.78	16.82	16.72		
20	64QAM	100	0	16.77	16.77	16.79		
20	256QAM	1	0	16.81	16.74	16.80	18	0
20	256QAM	1	49	16.81	16.77	16.84		
20	256QAM	1	99	16.79	16.74	16.76		
20	256QAM	50	0	16.74	16.79	16.79	18	0
20	256QAM	50	24	16.82	16.82	16.73		
20	256QAM	50	50	16.73	16.79	16.79		
20	256QAM	100	0	16.83	16.77	16.74		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.76	16.68	16.77	18	0
15	QPSK	1	37	16.68	16.75	16.76		
15	QPSK	1	74	16.67	16.68	16.75		
15	QPSK	36	0	16.72	16.67	16.73	18	0
15	QPSK	36	20	16.77	16.77	16.75		
15	QPSK	36	39	16.78	16.73	16.66		
15	QPSK	75	0	16.68	16.69	16.70		
15	16QAM	1	0	16.70	16.76	16.75	18	0
15	16QAM	1	37	16.69	16.78	16.69		
15	16QAM	1	74	16.74	16.71	16.77		
15	16QAM	36	0	16.69	16.74	16.70	18	0
15	16QAM	36	20	16.70	16.76	16.76		
15	16QAM	36	39	16.69	16.75	16.68		
15	16QAM	75	0	16.73	16.69	16.74		
15	64QAM	1	0	16.73	16.68	16.67	18	0
15	64QAM	1	37	16.69	16.73	16.73		
15	64QAM	1	74	16.70	16.74	16.76		
15	64QAM	36	0	16.70	16.77	16.75	18	0
15	64QAM	36	20	16.68	16.73	16.72		
15	64QAM	36	39	16.68	16.68	16.69		
15	64QAM	75	0	16.68	16.74	16.77		
15	256QAM	1	0	16.71	16.73	16.66	18	0
15	256QAM	1	37	16.68	16.74	16.70		
15	256QAM	1	74	16.76	16.76	16.75		
15	256QAM	36	0	16.72	16.77	16.74	18	0
15	256QAM	36	20	16.77	16.75	16.76		
15	256QAM	36	39	16.78	16.75	16.73		
15	256QAM	75	0	16.72	16.73	16.74		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.72	16.69	16.68	18	0
10	QPSK	1	25	16.73	16.77	16.68		
10	QPSK	1	49	16.78	16.78	16.70		
10	QPSK	25	0	16.74	16.70	16.76	18	0
10	QPSK	25	12	16.67	16.78	16.74		
10	QPSK	25	25	16.73	16.75	16.72		
10	QPSK	50	0	16.74	16.72	16.78		
10	16QAM	1	0	16.74	16.79	16.77	18	0
10	16QAM	1	25	16.67	16.67	16.68		
10	16QAM	1	49	16.69	16.75	16.73		
10	16QAM	25	0	16.73	16.67	16.70	18	0
10	16QAM	25	12	16.70	16.79	16.68		
10	16QAM	25	25	16.68	16.74	16.67		
10	16QAM	50	0	16.71	16.73	16.66		
10	64QAM	1	0	16.77	16.76	16.76	18	0
10	64QAM	1	25	16.72	16.75	16.72		
10	64QAM	1	49	16.67	16.78	16.68		
10	64QAM	25	0	16.67	16.72	16.76	18	0
10	64QAM	25	12	16.75	16.69	16.75		
10	64QAM	25	25	16.75	16.73	16.76		
10	64QAM	50	0	16.67	16.70	16.74		
10	256QAM	1	0	16.70	16.69	16.69	18	0
10	256QAM	1	25	16.67	16.76	16.75		
10	256QAM	1	49	16.77	16.76	16.66		
10	256QAM	25	0	16.70	16.68	16.68	18	0
10	256QAM	25	12	16.66	16.73	16.73		
10	256QAM	25	25	16.68	16.68	16.72		
10	256QAM	50	0	16.72	16.70	16.71		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.67	16.68	16.70	18	0
5	QPSK	1	12	16.73	16.70	16.76		
5	QPSK	1	24	16.70	16.68	16.68		
5	QPSK	12	0	16.73	16.76	16.67	18	0
5	QPSK	12	7	16.69	16.78	16.73		
5	QPSK	12	13	16.72	16.71	16.77		
5	QPSK	25	0	16.76	16.70	16.73		
5	16QAM	1	0	16.67	16.67	16.72	18	0
5	16QAM	1	12	16.73	16.74	16.76		
5	16QAM	1	24	16.70	16.73	16.67		
5	16QAM	12	0	16.75	16.73	16.70	18	0
5	16QAM	12	7	16.78	16.68	16.69		
5	16QAM	12	13	16.76	16.77	16.66		
5	16QAM	25	0	16.66	16.76	16.72		
5	64QAM	1	0	16.77	16.68	16.67	18	0
5	64QAM	1	12	16.73	16.68	16.78		
5	64QAM	1	24	16.76	16.69	16.67		
5	64QAM	12	0	16.72	16.71	16.67	18	0
5	64QAM	12	7	16.78	16.77	16.71		
5	64QAM	12	13	16.73	16.75	16.76		
5	64QAM	25	0	16.70	16.69	16.77		
5	256QAM	1	0	16.67	16.72	16.69	18	0
5	256QAM	1	12	16.66	16.74	16.71		
5	256QAM	1	24	16.71	16.70	16.78		
5	256QAM	12	0	16.66	16.74	16.71	18	0
5	256QAM	12	7	16.68	16.76	16.76		
5	256QAM	12	13	16.68	16.72	16.77		
5	256QAM	25	0	16.68	16.79	16.71		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.75	16.72	16.73	18	0
3	QPSK	1	8	16.74	16.78	16.71		
3	QPSK	1	14	16.78	16.70	16.71		
3	QPSK	8	0	16.75	16.74	16.74	18	0
3	QPSK	8	4	16.76	16.76	16.70		
3	QPSK	8	7	16.71	16.67	16.73		
3	QPSK	15	0	16.75	16.70	16.76		
3	16QAM	1	0	16.72	16.67	16.69	18	0
3	16QAM	1	8	16.76	16.71	16.75		
3	16QAM	1	14	16.69	16.77	16.67		
3	16QAM	8	0	16.72	16.73	16.72	18	0
3	16QAM	8	4	16.76	16.71	16.75		
3	16QAM	8	7	16.77	16.78	16.68		
3	16QAM	15	0	16.68	16.72	16.73		
3	64QAM	1	0	16.77	16.72	16.73	18	0
3	64QAM	1	8	16.71	16.76	16.75		
3	64QAM	1	14	16.72	16.68	16.68		
3	64QAM	8	0	16.75	16.77	16.70	18	0
3	64QAM	8	4	16.77	16.73	16.73		
3	64QAM	8	7	16.69	16.78	16.66		
3	64QAM	15	0	16.70	16.69	16.71		
3	256QAM	1	0	16.73	16.77	16.72	18	0
3	256QAM	1	8	16.67	16.68	16.75		
3	256QAM	1	14	16.71	16.76	16.74		
3	256QAM	8	0	16.73	16.68	16.66	18	0
3	256QAM	8	4	16.76	16.76	16.68		
3	256QAM	8	7	16.78	16.69	16.69		
3	256QAM	15	0	16.67	16.79	16.72		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.68	16.77	16.69	18	0
1.4	QPSK	1	3	16.70	16.71	16.76		
1.4	QPSK	1	5	16.77	16.77	16.77		
1.4	QPSK	3	0	16.77	16.73	16.69		
1.4	QPSK	3	1	16.74	16.75	16.70		
1.4	QPSK	3	3	16.67	16.76	16.67		
1.4	16QAM	6	0	16.72	16.79	16.73	18	0
1.4	16QAM	1	0	16.76	16.71	16.77	18	0
1.4	16QAM	1	3	16.75	16.68	16.69		
1.4	16QAM	1	5	16.71	16.70	16.69		
1.4	16QAM	3	0	16.74	16.77	16.71		
1.4	16QAM	3	1	16.77	16.72	16.69		
1.4	16QAM	3	3	16.72	16.71	16.71		
1.4	16QAM	6	0	16.74	16.79	16.73	18	0
1.4	64QAM	1	0	16.69	16.68	16.68	18	0
1.4	64QAM	1	3	16.71	16.78	16.76		
1.4	64QAM	1	5	16.75	16.78	16.76		
1.4	64QAM	3	0	16.66	16.76	16.66		
1.4	64QAM	3	1	16.67	16.70	16.67		
1.4	64QAM	3	3	16.71	16.78	16.74		
1.4	64QAM	6	0	16.71	16.77	16.66	18	0
1.4	256QAM	1	0	16.73	16.73	16.74	18	0
1.4	256QAM	1	3	16.73	16.68	16.71		
1.4	256QAM	1	5	16.74	16.68	16.69		
1.4	256QAM	3	0	16.75	16.78	16.76		
1.4	256QAM	3	1	16.66	16.78	16.75		
1.4	256QAM	3	3	16.71	16.73	16.75		
1.4	256QAM	6	0	16.73	16.75	16.75	18	0

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BW [MHz]	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	15.76	15.78	15.76	17.2	0
20	QPSK	1	49	15.68	15.76	15.70		
20	QPSK	1	99	15.67	15.68	15.74		
20	QPSK	50	0	15.74	15.76	15.71	17.2	0
20	QPSK	50	24	15.74	15.69	15.74		
20	QPSK	50	50	15.66	15.72	15.69		
20	QPSK	100	0	15.69	15.74	15.73		
20	16QAM	1	0	15.65	15.71	15.69	17.2	0
20	16QAM	1	49	15.73	15.73	15.71		
20	16QAM	1	99	15.68	15.73	15.74		
20	16QAM	50	0	15.68	15.76	15.70	17.2	0
20	16QAM	50	24	15.69	15.69	15.65		
20	16QAM	50	50	15.66	15.68	15.75		
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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.03	19.09	19.00	20.2	0
20	QPSK	1	49	19.04	19.01	18.95		
20	QPSK	1	99	18.98	19.05	19.01		
20	QPSK	50	0	19.03	19.07	19.04	20.2	0
20	QPSK	50	24	18.99	18.97	19.03		
20	QPSK	50	50	19.00	19.01	18.99		
20	QPSK	100	0	19.02	19.05	19.03		
20	16QAM	1	0	19.03	18.99	18.97	20.2	0
20	16QAM	1	49	19.02	19.05	18.97		
20	16QAM	1	99	19.01	18.98	19.00		
20	16QAM	50	0	18.92	18.97	19.01	20.2	0
20	16QAM	50	24	18.98	19.03	18.93		
20	16QAM	50	50	19.01	18.99	19.00		
20	16QAM	100	0	18.95	19.01	18.93		
20	64QAM	1	0	18.96	19.06	19.01	20.2	0
20	64QAM	1	49	19.01	18.98	18.92		
20	64QAM	1	99	18.97	19.02	19.03		
20	64QAM	50	0	18.94	19.03	18.99	20.2	0
20	64QAM	50	24	18.99	18.96	18.94		
20	64QAM	50	50	18.97	19.02	18.96		
20	64QAM	100	0	18.96	18.96	18.97		
20	256QAM	1	0	18.45	18.45	18.45	19	1.2
20	256QAM	1	49	18.34	18.44	18.38		
20	256QAM	1	99	18.53	18.56	18.40		
20	256QAM	50	0	18.49	18.60	18.48	19	1.2
20	256QAM	50	24	18.42	18.47	18.43		
20	256QAM	50	50	18.39	18.49	18.50		
20	256QAM	100	0	18.42	18.54	18.51		
Channel				37625	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.03	19.02	18.95	20.2	0
15	QPSK	1	37	18.98	18.98	19.00		
15	QPSK	1	74	18.98	19.00	19.00		
15	QPSK	36	0	18.94	19.02	18.99	20.2	0
15	QPSK	36	20	18.98	18.94	18.94		
15	QPSK	36	39	18.96	19.05	18.94		
15	QPSK	75	0	19.01	19.06	19.03		
15	16QAM	1	0	19.00	19.05	18.97	20.2	0
15	16QAM	1	37	19.02	18.98	18.95		
15	16QAM	1	74	19.03	19.06	18.96		
15	16QAM	36	0	19.00	19.04	19.04	20.2	0
15	16QAM	36	20	18.99	19.02	18.97		
15	16QAM	36	39	18.99	18.99	18.93		
15	16QAM	75	0	19.01	19.06	18.97		
15	64QAM	1	0	18.93	19.04	18.94	20.2	0
15	64QAM	1	37	18.96	19.06	19.01		
15	64QAM	1	74	18.92	19.06	18.98		
15	64QAM	36	0	18.93	19.00	18.97	20.2	0
15	64QAM	36	20	19.02	19.04	19.03		
15	64QAM	36	39	18.94	18.97	18.98		
15	64QAM	75	0	18.95	19.04	18.96		
15	256QAM	1	0	18.45	18.42	18.36	19	1.2
15	256QAM	1	37	18.37	18.46	18.33		
15	256QAM	1	74	18.41	18.43	18.34		
15	256QAM	36	0	18.47	18.48	18.43	19	1.2
15	256QAM	36	20	18.43	18.42	18.35		
15	256QAM	36	39	18.34	18.46	18.44		
15	256QAM	75	0	18.38	18.48	18.45		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.98	19.04	18.94	20.2	0
10	QPSK	1	25	18.99	19.03	18.99		
10	QPSK	1	49	18.99	19.01	18.96		
10	QPSK	25	0	19.00	18.96	19.00	20.2	0
10	QPSK	25	12	18.95	18.99	18.93		
10	QPSK	25	25	19.03	18.99	18.92		
10	QPSK	50	0	18.98	18.96	18.93		
10	16QAM	1	0	19.04	19.02	19.04	20.2	0
10	16QAM	1	25	18.95	19.05	18.96		
10	16QAM	1	49	18.99	18.99	18.98		
10	16QAM	25	0	18.96	19.02	19.01	20.2	0
10	16QAM	25	12	19.02	19.00	18.95		
10	16QAM	25	25	18.92	18.97	18.93		
10	16QAM	50	0	18.93	18.95	19.03		
10	64QAM	1	0	18.93	19.03	18.99	20.2	0
10	64QAM	1	25	19.00	19.04	19.02		
10	64QAM	1	49	19.04	19.02	18.99		
10	64QAM	25	0	18.95	19.04	18.95	20.2	0
10	64QAM	25	12	18.97	18.98	19.00		
10	64QAM	25	25	18.99	19.03	18.99		
10	64QAM	50	0	18.99	19.01	19.01		
10	256QAM	1	0	18.38	18.39	18.36	19	1.2
10	256QAM	1	25	18.31	18.39	18.28		
10	256QAM	1	49	18.40	18.50	18.45		
10	256QAM	25	0	18.48	18.52	18.53	19	1.2
10	256QAM	25	12	18.40	18.46	18.39		
10	256QAM	25	25	18.36	18.52	18.37		
10	256QAM	50	0	18.39	18.44	18.45		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.01	18.95	19.02	20.2	0
5	QPSK	1	12	18.92	19.02	18.93		
5	QPSK	1	24	19.03	18.99	18.93		
5	QPSK	12	0	18.99	18.95	18.92	20.2	0
5	QPSK	12	7	18.96	19.01	18.93		
5	QPSK	12	13	19.02	19.01	19.04		
5	QPSK	25	0	18.96	18.98	18.98		
5	16QAM	1	0	18.94	19.03	18.96	20.2	0
5	16QAM	1	12	19.04	19.01	18.98		
5	16QAM	1	24	18.99	19.02	18.93		
5	16QAM	12	0	18.93	18.98	19.00	20.2	0
5	16QAM	12	7	18.98	18.99	19.04		
5	16QAM	12	13	18.97	18.99	18.98		
5	16QAM	25	0	18.93	19.02	19.00		
5	64QAM	1	0	19.02	19.03	18.93	20.2	0
5	64QAM	1	12	18.94	18.95	19.00		
5	64QAM	1	24	18.98	19.04	18.94		
5	64QAM	12	0	18.95	18.95	19.00	20.2	0
5	64QAM	12	7	18.94	18.95	18.93		
5	64QAM	12	13	18.97	19.04	19.00		
5	64QAM	25	0	18.97	19.01	19.02		
5	256QAM	1	0	18.48	18.46	18.35	19	1.2
5	256QAM	1	12	18.37	18.35	18.36		
5	256QAM	1	24	18.48	18.41	18.42		
5	256QAM	12	0	18.51	18.53	18.49	19	1.2
5	256QAM	12	7	18.34	18.47	18.39		
5	256QAM	12	13	18.40	18.52	18.44		
5	256QAM	25	0	18.32	18.39	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	19.11	19.12	19.13	19.04	19.02	20.2	0
20	QPSK	1	49	19.10	19.09	19.03	19.00	18.99		
20	QPSK	1	99	19.07	18.99	19.03	19.00	18.99		
20	QPSK	50	0	19.02	19.06	19.11	19.09	19.10	20.2	0
20	QPSK	50	24	19.08	19.09	19.03	18.99	19.08		
20	QPSK	50	50	19.09	19.02	19.07	19.08	19.02		
20	QPSK	100	0	19.04	19.03	19.08	19.07	19.02		
20	16QAM	1	0	19.04	19.11	19.04	19.09	19.05	20.2	0
20	16QAM	1	49	19.00	19.05	19.03	18.99	19.03		
20	16QAM	1	99	19.10	19.09	19.04	19.07	19.04		
20	16QAM	50	0	19.11	19.05	19.04	19.03	19.11	20.2	0
20	16QAM	50	24	19.03	18.99	19.07	19.05	19.10		
20	16QAM	50	50	19.03	19.07	19.12	19.01	19.08		
20	16QAM	100	0	19.05	19.02	19.03	19.07	19.04		
20	64QAM	1	0	18.99	19.10	19.09	19.09	19.10	20.2	0
20	64QAM	1	49	19.05	19.09	19.01	19.00	18.99		
20	64QAM	1	99	19.02	19.10	19.08	19.10	19.02		
20	64QAM	50	0	19.11	19.09	19.06	19.05	19.06	20.2	0
20	64QAM	50	24	19.05	19.00	19.02	18.99	19.10		
20	64QAM	50	50	19.02	19.07	19.04	19.03	19.01		
20	64QAM	100	0	19.01	19.00	19.09	19.04	19.03		
20	256QAM	1	0	18.49	18.48	18.47	18.42	18.48	19	1.2
20	256QAM	1	49	18.44	18.48	18.51	18.40	18.41		
20	256QAM	1	99	18.56	18.58	18.53	18.47	18.44		
20	256QAM	50	0	18.57	18.57	18.63	18.53	18.59	19	1.2
20	256QAM	50	24	18.43	18.51	18.55	18.49	18.53		
20	256QAM	50	50	18.43	18.45	18.58	18.46	18.49		
20	256QAM	100	0	18.41	18.48	18.50	18.58	18.52		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.94	18.97	18.95	18.99	18.93	20	0
15	QPSK	1	37	18.98	18.99	19.01	19.01	18.92		
15	QPSK	1	74	18.93	18.99	18.99	18.96	18.97		
15	QPSK	36	0	18.98	18.99	18.96	18.96	18.96	20.2	0
15	QPSK	36	20	18.93	19.00	19.02	18.98	18.96		
15	QPSK	36	39	18.93	18.99	19.01	18.98	18.96		
15	QPSK	75	0	18.92	18.96	18.94	18.98	19.03		
15	16QAM	1	0	19.04	19.00	19.03	19.00	18.96	20.2	0
15	16QAM	1	37	19.01	18.93	18.99	18.97	19.01		
15	16QAM	1	74	18.99	19.04	19.02	18.93	19.03		
15	16QAM	36	0	18.95	18.98	18.99	18.98	19.03	20.2	0
15	16QAM	36	20	19.01	19.00	18.96	19.00	19.00		
15	16QAM	36	39	19.02	18.92	19.00	18.97	19.00		
15	16QAM	75	0	19.00	18.96	19.02	18.96	19.00		
15	64QAM	1	0	19.01	19.04	18.99	18.93	18.99	20.2	0
15	64QAM	1	37	18.99	18.93	19.00	18.99	18.93		
15	64QAM	1	74	19.02	18.98	18.96	19.00	19.04		
15	64QAM	36	0	18.96	19.00	19.04	18.93	18.97	20.2	0
15	64QAM	36	20	18.96	18.97	19.01	19.00	19.01		
15	64QAM	36	39	19.00	18.99	18.96	19.02	18.95		
15	64QAM	75	0	19.03	19.02	18.96	19.03	18.97		
15	256QAM	1	0	18.47	18.37	18.42	18.38	18.40	19	1.2
15	256QAM	1	37	18.39	18.32	18.39	18.28	18.35		
15	256QAM	1	74	18.49	18.38	18.50	18.44	18.42		
15	256QAM	36	0	18.49	18.55	18.48	18.44	18.47	19	1.2
15	256QAM	36	20	18.42	18.37	18.40	18.43	18.33		
15	256QAM	36	39	18.36	18.43	18.47	18.40	18.35		
15	256QAM	75	0	18.38	18.34	18.47	18.40	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	18.96	19.02	18.96	19.01	18.92	20	0
10	QPSK	1	25	18.93	19.02	18.97	18.95	19.02		
10	QPSK	1	49	18.93	19.01	18.99	18.93	18.97		
10	QPSK	25	0	18.97	19.00	19.00	18.93	18.93	20.2	0
10	QPSK	25	12	18.99	18.95	18.99	19.00	18.92		
10	QPSK	25	25	19.03	18.93	19.00	18.98	18.99		
10	QPSK	50	0	18.98	18.98	19.01	18.92	18.97		
10	16QAM	1	0	18.94	18.99	19.02	18.94	19.01	20.2	0
10	16QAM	1	25	18.96	18.96	18.96	19.02	19.02		
10	16QAM	1	49	18.97	19.03	19.01	19.00	18.95		
10	16QAM	25	0	18.98	19.01	19.05	19.01	18.94	20.2	0
10	16QAM	25	12	18.93	19.00	19.03	19.00	18.99		
10	16QAM	25	25	19.02	18.94	18.96	18.93	19.00		
10	16QAM	50	0	18.94	18.94	19.00	18.97	19.00		
10	64QAM	1	0	18.96	18.97	19.01	18.97	18.96	20.2	0
10	64QAM	1	25	18.99	18.96	18.98	19.02	18.99		
10	64QAM	1	49	19.02	18.96	19.04	19.00	18.99		
10	64QAM	25	0	18.96	18.94	19.05	19.00	19.03	20.2	0
10	64QAM	25	12	19.02	18.93	18.97	18.99	18.99		
10	64QAM	25	25	18.96	18.94	19.05	18.95	18.98		
10	64QAM	50	0	18.95	19.01	18.96	19.01	18.95		
10	256QAM	1	0	18.46	18.46	18.44	18.35	18.33	19	1.2
10	256QAM	1	25	18.28	18.32	18.41	18.33	18.30		
10	256QAM	1	49	18.49	18.47	18.50	18.40	18.42		
10	256QAM	25	0	18.52	18.51	18.48	18.47	18.51	19	1.2
10	256QAM	25	12	18.34	18.34	18.47	18.34	18.38		
10	256QAM	25	25	18.38	18.44	18.50	18.41	18.41		
10	256QAM	50	0	18.40	18.41	18.50	18.44	18.47		
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	18.97	19.04	19.01	19.00	18.95	20	0
5	QPSK	1	12	19.00	19.00	19.05	19.04	18.94		
5	QPSK	1	24	19.02	18.94	18.98	18.94	18.98		
5	QPSK	12	0	19.02	18.93	18.95	18.98	19.04	20.2	0
5	QPSK	12	7	19.01	18.92	19.02	18.96	18.95		
5	QPSK	12	13	19.04	19.02	18.97	19.03	18.99		
5	QPSK	25	0	18.94	18.99	19.02	18.95	19.03		
5	16QAM	1	0	19.02	18.96	19.02	19.00	18.99	20.2	0
5	16QAM	1	12	18.92	18.98	19.00	19.02	18.99		
5	16QAM	1	24	18.96	19.03	19.01	19.00	19.03		
5	16QAM	12	0	19.01	18.96	18.98	18.96	18.94	20.2	0
5	16QAM	12	7	19.01	18.98	18.95	18.95	19.03		
5	16QAM	12	13	18.97	18.92	18.98	18.92	18.96		
5	16QAM	25	0	18.95	19.00	18.97	18.93	19.03		
5	64QAM	1	0	19.02	19.04	19.05	18.95	18.99	20.2	0
5	64QAM	1	12	19.03	18.95	18.94	18.93	19.02		
5	64QAM	1	24	18.97	18.96	19.05	19.04	18.95		
5	64QAM	12	0	18.96	19.00	19.00	18.93	19.02	20.2	0
5	64QAM	12	7	18.94	18.99	19.02	18.98	18.96		
5	64QAM	12	13	18.98	19.01	19.03	18.94	18.93		
5	64QAM	25	0	19.00	18.98	19.00	18.98	19.02		
5	256QAM	1	0	18.47	18.39	18.38	18.34	18.36	19	1.2
5	256QAM	1	12	18.28	18.38	18.41	18.35	18.33		
5	256QAM	1	24	18.48	18.40	18.39	18.35	18.39		
5	256QAM	12	0	18.48	18.48	18.45	18.49	18.45	19	1.2
5	256QAM	12	7	18.35	18.44	18.47	18.34	18.40		
5	256QAM	12	13	18.42	18.37	18.48	18.45	18.42		
5	256QAM	25	0	18.38	18.40	18.48	18.50	18.39		

Full & Default Power Mode

n5 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.54	22.62	22.48	24.0	0.0
20	PI/2 BPSK	1	53	22.53	22.69	22.54		
20	PI/2 BPSK	1	104	22.54	22.61	22.54		
20	PI/2 BPSK	50	0	22.09	22.23	22.14	23.5	0.5
20	PI/2 BPSK	50	28	22.62	22.71	22.61	24.0	0.0
20	PI/2 BPSK	50	56	22.09	22.24	22.09	23.5	0.5
20	PI/2 BPSK	100	0	22.11	22.22	22.07		
20	QPSK	1	1	22.64	22.73	22.67	24.0	0.0
20	QPSK	1	53	22.60	22.65	22.60		
20	QPSK	1	104	22.58	22.63	22.54		
20	QPSK	50	0	21.62	21.69	21.63	23.0	1.0
20	QPSK	50	28	22.68	22.72	22.66	24.0	0.0
20	QPSK	50	56	21.68	21.72	21.64	23.0	1.0
20	QPSK	100	0	21.66	21.71	21.63		
20	16QAM	1	1	21.34	21.38	21.28	23.0	1.0
20	64QAM	1	1	19.85	19.98	19.86	21.5	2.5
20	256QAM	1	1	18.47	18.59	18.45	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.60	22.60	22.54	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.48	22.59	22.54	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.54	22.60	22.52	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.58	22.58	22.47	24.0	0.0
20	PI/2 BPSK	1	53	22.50	22.72	22.50		
20	PI/2 BPSK	1	104	22.50	22.61	22.54		
20	PI/2 BPSK	50	0	22.07	22.27	22.19	23.5	0.5
20	PI/2 BPSK	50	28	22.58	22.66	22.65	24.0	0.0
20	PI/2 BPSK	50	56	22.03	22.22	22.05	23.5	0.5
20	PI/2 BPSK	100	0	22.15	22.26	22.06		
20	QPSK	1	1	22.65	22.75	22.68	24.0	0.0
20	QPSK	1	53	22.60	22.62	22.58		
20	QPSK	1	104	22.58	22.64	22.51		
20	QPSK	50	0	21.58	21.67	21.58	23.0	1.0
20	QPSK	50	28	22.63	22.73	22.64	24.0	0.0
20	QPSK	50	56	21.62	21.77	21.63	23.0	1.0
20	QPSK	100	0	21.70	21.71	21.63		
20	16QAM	1	1	21.35	21.34	21.29	23.0	1.0
20	64QAM	1	1	19.79	19.95	19.87	21.5	2.5
20	256QAM	1	1	18.53	18.54	18.47	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.65	22.72	22.71	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.60	22.71	22.62	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.62	22.70	22.62	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.59	22.69	22.52	24.0	0.0
40	PI/2 BPSK	1	53	22.56	22.76	22.57		
40	PI/2 BPSK	1	104	22.64	22.69	22.64		
40	PI/2 BPSK	50	0	22.09	22.22	22.16	23.5	0.5
40	PI/2 BPSK	50	28	22.64	22.72	22.68	24.0	0.0
40	PI/2 BPSK	50	56	22.15	22.28	22.20	23.5	0.5
40	PI/2 BPSK	100	0	22.17	22.32	22.09		
40	QPSK	1	1	22.67	22.73	22.72	24.0	0.0
40	QPSK	1	53	22.61	22.69	22.68		
40	QPSK	1	104	22.68	22.69	22.60		
40	QPSK	50	0	21.72	21.75	21.74	23.0	1.0
40	QPSK	50	28	22.76	22.77	22.70	24.0	0.0
40	QPSK	50	56	21.78	21.76	21.74	23.0	1.0
40	QPSK	100	0	21.71	21.75	21.64		
40	16QAM	1	1	21.45	21.39	21.29	23.0	1.0
40	64QAM	1	1	19.94	20.00	19.95	21.5	2.5
40	256QAM	1	1	18.54	18.64	18.55	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.59	22.62	22.68	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.66	22.66	22.58	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.66	22.62	22.62	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.68	22.62	22.65	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.64	22.65	22.68	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.62	22.67	22.47	24.0	0.0
100	PI/2 BPSK	1	137	22.63	22.77	22.55		
100	PI/2 BPSK	1	271	22.60	22.70	22.58		
100	PI/2 BPSK	135	0	22.09	22.29	22.17	23.5	0.5
100	PI/2 BPSK	135	69	22.69	22.76	22.69	24.0	0.0
100	PI/2 BPSK	135	138	22.10	22.26	22.09	23.5	0.5
100	PI/2 BPSK	270	0	22.13	22.29	22.14		
100	QPSK	1	1	22.75	22.82	22.72	24.0	0.0
100	QPSK	1	137	22.59	22.71	22.67		
100	QPSK	1	271	22.57	22.69	22.62		
100	QPSK	135	0	21.72	21.71	21.67	23.0	1.0
100	QPSK	135	69	22.74	22.78	22.73	24.0	0.0
100	QPSK	135	138	21.68	21.76	21.75	23.0	1.0
100	QPSK	270	0	21.66	21.71	21.65		
100	16QAM	1	1	21.34	21.42	21.37	23.0	1.0
100	64QAM	1	1	19.85	20.02	19.91	21.5	2.5
100	256QAM	1	1	18.56	18.59	18.44	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.68	22.63	22.65	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.65	22.72	22.69	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.65	22.69	22.67	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.59	22.62	22.66	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.68	22.67	22.67	24.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	22.65	22.72	22.69	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.65	22.62	22.60	24.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	22.68	22.63	22.65	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.69	22.67	22.67	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	22.61	22.68	22.60	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.64	22.72	22.61	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.60	22.65	22.66	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.61	22.68	22.60	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	20.66	20.67	20.60	22.0	0.0
40	PI/2 BPSK	1	108	20.62	20.80	20.69		
40	PI/2 BPSK	1	214	20.67	20.69	20.69		
40	PI/2 BPSK	108	0	20.14	20.35	20.22	21.5	0.5
40	PI/2 BPSK	108	54	20.77	20.85	20.73	22.0	0.0
40	PI/2 BPSK	108	108	20.17	20.34	20.21	21.5	0.5
40	PI/2 BPSK	216	0	20.26	20.29	20.20		
40	QPSK	1	1	20.78	20.87	20.83	22.0	0.0
40	QPSK	1	108	20.74	20.79	20.72		
40	QPSK	1	214	20.73	20.69	20.64		
40	QPSK	108	0	19.74	19.84	19.73	21.0	1.0
40	QPSK	108	54	20.82	20.85	20.74	22.0	0.0
40	QPSK	108	108	19.75	19.85	19.68	21.0	1.0
40	QPSK	216	0	19.74	19.86	19.78		
40	16QAM	1	1	19.46	19.46	19.39	21.0	1.0
40	64QAM	1	1	17.95	18.07	17.94	19.5	2.5
40	256QAM	1	1	16.61	16.70	16.53	17.5	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	20.77	20.85	20.73	22.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	20.66	20.67	20.60	22.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	20.72	20.76	20.75	22.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	20.68	20.76	20.73	22.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.75	20.82	20.75	22.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.79	20.81	20.71	22.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.73	20.79	20.74	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.48	22.47	22.43	24.0	0.0
20	PI/2 BPSK	1	53	22.43	22.63	22.45		
20	PI/2 BPSK	1	104	22.45	22.49	22.45		
20	PI/2 BPSK	50	0	21.98	22.17	22.07	23.5	0.5
20	PI/2 BPSK	50	28	22.46	22.64	22.52	24.0	0.0
20	PI/2 BPSK	50	56	21.95	22.12	21.98	23.5	0.5
20	PI/2 BPSK	100	0	22.02	22.08	21.97		
20	QPSK	1	1	22.54	22.65	22.57	24.0	0.0
20	QPSK	1	53	22.52	22.60	22.50		
20	QPSK	1	104	22.44	22.49	22.49		
20	QPSK	50	0	21.57	21.61	21.56	23.0	1.0
20	QPSK	50	28	22.56	22.63	22.51	24.0	0.0
20	QPSK	50	56	21.55	21.61	21.60	23.0	1.0
20	QPSK	100	0	21.54	21.61	21.58		
20	16QAM	1	1	21.21	21.29	21.16	23.0	1.0
20	64QAM	1	1	19.79	19.84	19.77	21.5	2.5
20	256QAM	1	1	18.32	18.49	18.37	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.53	22.55	22.59	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.51	22.52	22.56	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.49	22.60	22.58	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.61	20.58	20.54	22.0	0.0
50	PI/2 BPSK	1	135	20.52	20.68	20.52		
50	PI/2 BPSK	1	268	20.54	20.65	20.57		
50	PI/2 BPSK	135	0	20.05	20.28	20.14	21.5	0.5
50	PI/2 BPSK	135	68	20.61	20.70	20.64	22.0	0.0
50	PI/2 BPSK	135	135	20.11	20.21	20.12	21.5	0.5
50	PI/2 BPSK	270	0	20.10	20.26	20.13		
50	QPSK	1	1	20.65	20.77	20.72	22.0	0.0
50	QPSK	1	135	20.59	20.63	20.63		
50	QPSK	1	268	20.60	20.69	20.58		
50	QPSK	135	0	19.57	19.64	19.64	21.0	1.0
50	QPSK	135	68	20.72	20.74	20.67	22.0	0.0
50	QPSK	135	135	19.69	19.75	19.61	21.0	1.0
50	QPSK	270	0	19.64	19.73	19.69		
50	16QAM	1	1	19.38	19.38	19.31	21.0	1.0
50	64QAM	1	1	17.83	18.04	17.89	19.5	2.5
50	256QAM	1	1	16.52	16.61	16.41	17.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.69	20.69	20.70	22.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	20.60	20.69	20.60	22.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.60	20.65	20.69	22.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.64	20.69	20.60	22.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.61	20.66	20.62	22.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.69	20.71	20.67	22.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.60	20.69	20.60	22.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.70	20.73	20.60	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.43	22.48	22.43	24.0	0.0
20	PI/2 BPSK	1	53	22.40	22.58	22.48		
20	PI/2 BPSK	1	104	22.42	22.55	22.41		
20	PI/2 BPSK	50	0	21.99	22.10	22.08	23.5	0.5
20	PI/2 BPSK	50	28	22.46	22.65	22.48	24.0	0.0
20	PI/2 BPSK	50	56	22.01	22.20	22.02	23.5	0.5
20	PI/2 BPSK	100	0	22.02	22.14	21.94		
20	QPSK	1	1	22.59	22.69	22.63	24.0	0.0
20	QPSK	1	53	22.46	22.61	22.46		
20	QPSK	1	104	22.47	22.56	22.48		
20	QPSK	50	0	21.47	21.54	21.57	23.0	1.0
20	QPSK	50	28	22.54	22.63	22.58	24.0	0.0
20	QPSK	50	56	21.60	21.57	21.51	23.0	1.0
20	QPSK	100	0	21.52	21.62	21.58		
20	16QAM	1	1	21.22	21.22	21.15	23.0	1.0
20	64QAM	1	1	19.78	19.91	19.75	21.5	2.5
20	256QAM	1	1	18.43	18.46	18.41	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.53	22.62	22.58	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.53	22.57	22.51	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.55	22.52	22.56	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	20.59	20.73	20.59	22.0	0.0
45	PI/2 BPSK	1	120	20.62	20.74	20.59		
45	PI/2 BPSK	1	240	20.64	20.63	20.64		
45	PI/2 BPSK	120	0	20.12	20.30	20.15	21.5	0.5
45	PI/2 BPSK	120	60	20.69	20.78	20.68	22.0	0.0
45	PI/2 BPSK	120	120	20.10	20.26	20.14	21.5	0.5
45	PI/2 BPSK	240	0	20.18	20.28	20.11		
45	QPSK	1	1	20.75	20.79	20.74	22.0	0.0
45	QPSK	1	120	20.61	20.74	20.66		
45	QPSK	1	240	20.62	20.65	20.61		
45	QPSK	120	0	19.74	19.69	19.71	21.0	1.0
45	QPSK	120	60	20.77	20.78	20.69	22.0	0.0
45	QPSK	120	120	19.71	19.81	19.69	21.0	1.0
45	QPSK	240	0	19.72	19.75	19.71		
45	16QAM	1	1	19.40	19.45	19.39	21.0	1.0
45	64QAM	1	1	17.88	18.03	17.94	19.5	2.5
45	256QAM	1	1	16.54	16.62	16.55	17.5	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	20.64	20.63	20.64	22.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	20.64	20.77	20.75	22.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.75	20.77	20.66	22.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.71	20.78	20.71	22.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.66	20.72	20.76	22.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.75	20.78	20.64	22.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.64	20.77	20.75	22.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.67	20.74	20.71	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.53	22.65	22.49	24.0	0.0
40	PI/2 BPSK	1	53	22.52	22.70	22.49		
40	PI/2 BPSK	1	104	22.51	22.63	22.56		
40	PI/2 BPSK	50	0	22.12	22.25	22.18	23.5	0.5
40	PI/2 BPSK	50	28	22.67	22.72	22.63	24.0	0.0
40	PI/2 BPSK	50	56	22.04	22.25	22.12	23.5	0.5
40	PI/2 BPSK	100	0	22.17	22.17	22.07		
40	QPSK	1	1	22.59	22.75	22.72	24.0	0.0
40	QPSK	1	53	22.61	22.60	22.62		
40	QPSK	1	104	22.55	22.62	22.56		
40	QPSK	50	0	21.58	21.69	21.58	23.0	1.0
40	QPSK	50	28	22.66	22.68	22.63	24.0	0.0
40	QPSK	50	56	21.67	21.69	21.59	23.0	1.0
40	QPSK	100	0	21.68	21.73	21.69		
40	16QAM	1	1	21.34	21.36	21.31	23.0	1.0
40	64QAM	1	1	19.84	19.94	19.91	21.5	2.5
40	256QAM	1	1	18.44	18.55	18.41	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.69	22.71	22.67	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.61	22.64	22.61	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.61	22.73	22.59	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.61	22.62	22.63	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.66	22.61	22.70	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.50	22.60	22.52	24.0	0.0
100	PI/2 BPSK	1	137	22.57	22.71	22.55		
100	PI/2 BPSK	1	271	22.57	22.60	22.53		
100	PI/2 BPSK	135	0	22.14	22.18	22.10	23.5	0.5
100	PI/2 BPSK	135	69	22.63	22.68	22.64	24.0	0.0
100	PI/2 BPSK	135	138	22.14	22.21	22.13	23.5	0.5
100	PI/2 BPSK	270	0	22.17	22.17	22.03		
100	QPSK	1	1	22.63	22.79	22.72	24.0	0.0
100	QPSK	1	137	22.65	22.68	22.61		
100	QPSK	1	271	22.56	22.67	22.58		
100	QPSK	135	0	21.58	21.64	21.66	23.0	1.0
100	QPSK	135	69	22.69	22.73	22.71	24.0	0.0
100	QPSK	135	138	21.66	21.75	21.62	23.0	1.0
100	QPSK	270	0	21.66	21.69	21.67		
100	16QAM	1	1	21.35	21.36	21.27	23.0	1.0
100	64QAM	1	1	19.86	19.92	19.83	21.5	2.5
100	256QAM	1	1	18.49	18.55	18.45	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.62	22.67	22.65	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.65	22.69	22.67	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.61	22.67	22.65	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.68	22.62	22.66	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.65	22.66	22.61	24.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	22.61	22.67	22.65	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.68	22.69	22.69	24.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	22.65	22.68	22.61	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.70	22.70	22.60	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	22.57	22.60	22.53	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.66	22.68	22.67	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.66	22.72	22.69	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.63	22.71	22.68	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.26	22.42	22.18	24.0	0.0
40	PI/2 BPSK	1	108	22.32	22.46	22.27		
40	PI/2 BPSK	1	214	22.31	22.41	22.27		
40	PI/2 BPSK	108	0	21.84	22.04	21.93	23.5	0.5
40	PI/2 BPSK	108	54	22.32	22.48	22.37	24.0	0.0
40	PI/2 BPSK	108	108	21.79	22.02	21.85	23.5	0.5
40	PI/2 BPSK	216	0	21.85	21.92	21.77		
40	QPSK	1	1	22.44	22.49	22.46	24.0	0.0
40	QPSK	1	108	22.36	22.46	22.37		
40	QPSK	1	214	22.30	22.38	22.30		
40	QPSK	108	0	21.34	21.47	21.42	23.0	1.0
40	QPSK	108	54	22.45	22.47	22.43	24.0	0.0
40	QPSK	108	108	21.38	21.42	21.38	23.0	1.0
40	QPSK	216	0	21.42	21.46	21.38		
40	16QAM	1	1	21.24	21.37	21.37	23.0	1.0
40	64QAM	1	1	19.57	19.68	19.56	21.5	2.5
40	256QAM	1	1	18.22	18.36	18.26	19.5	4.5
Channel				375500	376000	376500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	22.40	22.43	22.34	24.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.43	22.40	22.42	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.40	22.43	22.34	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.43	22.40	22.42	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.35	22.42	22.44	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.45	22.37	22.37	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.43	22.48	22.37	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.23	22.43	22.24	24.0	0.0
50	PI/2 BPSK	1	135	22.30	22.39	22.24		
50	PI/2 BPSK	1	268	22.34	22.39	22.30		
50	PI/2 BPSK	135	0	21.79	21.98	21.84	23.5	0.5
50	PI/2 BPSK	135	68	22.36	22.47	22.40	24.0	0.0
50	PI/2 BPSK	135	135	21.85	22.02	21.83	23.5	0.5
50	PI/2 BPSK	270	0	21.84	21.94	21.81		
50	QPSK	1	1	22.43	22.48	22.45	24.0	0.0
50	QPSK	1	135	22.37	22.41	22.38		
50	QPSK	1	268	22.37	22.44	22.32		
50	QPSK	135	0	21.36	21.45	21.38	23.0	1.0
50	QPSK	135	68	22.45	22.46	22.41	24.0	0.0
50	QPSK	135	135	21.43	21.42	21.37	23.0	1.0
50	QPSK	270	0	21.38	21.45	21.40		
50	16QAM	1	1	21.31	21.28	21.35	23.0	1.0
50	64QAM	1	1	19.56	19.72	19.62	21.5	2.5
50	256QAM	1	1	18.22	18.39	18.26	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.37	22.39	22.40	24.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	22.36	22.47	22.44	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.40	22.47	22.37	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.33	22.41	22.42	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.43	22.47	22.42	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.38	22.45	22.34	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.36	22.47	22.44	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.36	22.47	22.35	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	22.41	22.48	22.28	24.0	0.0
45	PI/2 BPSK	1	120	22.35	22.55	22.41		
45	PI/2 BPSK	1	240	22.45	22.46	22.41		
45	PI/2 BPSK	120	0	21.97	22.06	21.95	23.5	0.5
45	PI/2 BPSK	120	60	22.45	22.57	22.44	24.0	0.0
45	PI/2 BPSK	120	120	21.99	22.09	21.90	23.5	0.5
45	PI/2 BPSK	240	0	21.96	22.04	21.95		
45	QPSK	1	1	22.43	22.60	22.58	24.0	0.0
45	QPSK	1	120	22.41	22.48	22.44		
45	QPSK	1	240	22.38	22.49	22.41		
45	QPSK	120	0	21.50	21.49	21.43	23.0	1.0
45	QPSK	120	60	22.58	22.59	22.53	24.0	0.0
45	QPSK	120	120	21.51	21.62	21.52	23.0	1.0
45	QPSK	240	0	21.53	21.55	21.51		
45	16QAM	1	1	21.45	21.47	21.33	23.0	1.0
45	64QAM	1	1	19.67	19.79	19.70	21.5	2.5
45	256QAM	1	1	18.38	18.39	18.26	19.5	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.35	22.55	22.41	24.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.43	22.38	22.35	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.40	22.48	22.38	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.41	22.48	22.34	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.41	22.41	22.42	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.43	22.38	22.35	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.37	22.47	22.40	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.41	22.37	22.35	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.37	22.41	22.33	24.0	0.0
100	PI/2 BPSK	1	137	22.34	22.50	22.38		
100	PI/2 BPSK	1	271	22.35	22.37	22.37		
100	PI/2 BPSK	135	0	21.92	22.01	21.92	23.5	0.5
100	PI/2 BPSK	135	69	22.44	22.52	22.45	24.0	0.0
100	PI/2 BPSK	135	138	21.87	22.05	21.94	23.5	0.5
100	PI/2 BPSK	270	0	21.88	22.01	21.85		
100	QPSK	1	1	22.48	22.55	22.43	24.0	0.0
100	QPSK	1	137	22.35	22.43	22.38		
100	QPSK	1	271	22.34	22.48	22.30		
100	QPSK	135	0	21.43	21.54	21.41	23.0	1.0
100	QPSK	135	69	22.51	22.53	22.50	24.0	0.0
100	QPSK	135	138	21.47	21.55	21.40	23.0	1.0
100	QPSK	270	0	21.44	21.45	21.43		
100	16QAM	1	1	21.29	21.37	21.41	23.0	1.0
100	64QAM	1	1	19.71	19.78	19.63	21.5	2.5
100	256QAM	1	1	18.26	18.43	18.20	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.42	22.44	22.40	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.47	22.43	22.44	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.50	22.49	22.39	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.47	22.50	22.41	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.43	22.48	22.46	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.50	22.49	22.41	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.40	22.47	22.50	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.50	22.41	22.42	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.42	22.45	22.44	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.40	22.42	22.39	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.42	22.50	22.44	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.49		24.0	0.0
100	PI/2 BPSK	1	137		22.31			
100	PI/2 BPSK	1	271		22.21			
100	PI/2 BPSK	135	0		21.94		23.5	0.5
100	PI/2 BPSK	135	69		22.33		24.0	0.0
100	PI/2 BPSK	135	138		21.79		23.5	0.5
100	PI/2 BPSK	270	0		21.84			
100	QPSK	1	1		22.52		24.0	0.0
100	QPSK	1	137		22.31			
100	QPSK	1	271		22.22			
100	QPSK	135	0		21.48		23.0	1.0
100	QPSK	135	69		22.51		24.0	0.0
100	QPSK	135	138		21.33		23.0	1.0
100	QPSK	270	0		21.47			
100	16QAM	1	1		21.26		23.0	1.0
100	64QAM	1	1		19.78		21.5	2.5
100	256QAM	1	1		18.39		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.42	22.50	22.46	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.44	22.46	22.49	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.47	22.50	22.50	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.48	22.45	22.42	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.41	22.48	22.39	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.46	22.43	22.47	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.45	22.51	22.45	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.44	22.46	22.39	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.39	22.43	22.49	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.46	22.41	22.41	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.44	22.47	22.41	24.0	0.0

Part27O n77 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.48	22.64	22.48	24.0	0.0
100	PI/2 BPSK	1	137	22.59	22.71	22.59		
100	PI/2 BPSK	1	271	22.54	22.64	22.51		
100	PI/2 BPSK	135	0	22.06	22.22	22.20	23.5	0.5
100	PI/2 BPSK	135	69	22.60	22.73	22.65	24.0	0.0
100	PI/2 BPSK	135	138	22.12	22.25	22.08	23.5	0.5
100	PI/2 BPSK	270	0	22.13	22.18	22.02		
100	QPSK	1	1	22.68	22.74	22.71	24.0	0.0
100	QPSK	1	137	22.60	22.64	22.64		
100	QPSK	1	271	22.62	22.68	22.56		
100	QPSK	135	0	21.64	21.67	21.62	23.0	1.0
100	QPSK	135	69	22.71	22.72	22.66	24.0	0.0
100	QPSK	135	138	21.71	21.69	21.60	23.0	1.0
100	QPSK	270	0	21.67	21.68	21.66		
100	16QAM	1	1	21.54	21.61	21.59	23.0	1.0
100	64QAM	1	1	19.82	19.95	19.81	21.5	2.5
100	256QAM	1	1	18.51	18.60	18.48	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.68	22.66	22.59	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.60	22.68	22.70	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.70	22.69	22.69	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.63	22.64	22.68	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.59	22.72	22.66	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.69	22.63	22.66	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.67	22.65	22.66	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.63	22.63	22.66	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.66	22.62	22.62	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.61	22.67	22.66	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.65	22.61	22.62	24.0	0.0

Part27O n78 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.68		24.0	0.0
100	PI/2 BPSK	1	137		22.52			
100	PI/2 BPSK	1	271		22.52			
100	PI/2 BPSK	135	0		22.17		23.5	0.5
100	PI/2 BPSK	135	69		22.61		24.0	0.0
100	PI/2 BPSK	135	138		22.06		23.5	0.5
100	PI/2 BPSK	270	0		22.07			
100	QPSK	1	1		22.70		24.0	0.0
100	QPSK	1	137		22.52			
100	QPSK	1	271		22.55			
100	QPSK	135	0		21.69		23.0	1.0
100	QPSK	135	69		22.66		24.0	0.0
100	QPSK	135	138		21.61		23.0	1.0
100	QPSK	270	0		21.63			
100	16QAM	1	1		21.42		23.0	1.0
100	64QAM	1	1		19.99		21.5	2.5
100	256QAM	1	1		18.61		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.55	22.57	22.53	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.63	22.67	22.62	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.60	22.68	22.55	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.64	22.68	22.61	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.58	22.62	22.55	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.54	22.67	22.65	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.54	22.62	22.59	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.57	22.59	22.57	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.61	22.57	22.64	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.65	22.62	22.58	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.53	22.61	22.53	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.70	22.77	22.62	24.0	0.0
100	PI/2 BPSK	1	137	22.71	22.83	22.82		
100	PI/2 BPSK	1	271	22.71	22.77	22.67		
100	PI/2 BPSK	135	0	22.20	22.42	22.31	23.5	0.5
100	PI/2 BPSK	135	69	22.79	22.91	22.74	24.0	0.0
100	PI/2 BPSK	135	138	22.23	22.43	22.31	23.5	0.5
100	PI/2 BPSK	270	0	22.23	22.51	22.17		
100	QPSK	1	1	22.85	22.92	22.87	24.0	0.0
100	QPSK	1	137	22.79	22.82	22.74		
100	QPSK	1	271	22.79	22.85	22.74		
100	QPSK	135	0	21.88	21.91	21.81	23.0	1.0
100	QPSK	135	69	22.83	22.91	22.88	24.0	0.0
100	QPSK	135	138	21.97	21.83	21.86	23.0	1.0
100	QPSK	270	0	21.82	21.87	21.85		
100	16QAM	1	1	21.73	21.80	21.73	23.0	1.0
100	64QAM	1	1	20.06	20.20	20.15	21.5	2.5
100	256QAM	1	1	18.57	18.76	18.67	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.77	22.83	22.79	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.75	22.77	22.73	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.78	22.72	22.81	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.70	22.77	22.72	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.76	22.73	22.73	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.79	22.79	22.73	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.73	22.72	22.75	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.78	22.78	22.79	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.77	22.82	22.75	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.77	22.73	22.77	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.80	22.81	22.80	24.0	0.0

Part27O n78 Ant8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.72		24.0	0.0
100	PI/2 BPSK	1	137		22.76			
100	PI/2 BPSK	1	271		22.69			
100	PI/2 BPSK	135	0		22.40		23.5	0.5
100	PI/2 BPSK	135	69		22.83		24.0	0.0
100	PI/2 BPSK	135	138		22.35		23.5	0.5
100	PI/2 BPSK	270	0		22.35			
100	QPSK	1	1		22.89		24.0	0.0
100	QPSK	1	137		22.85			
100	QPSK	1	271		22.73			
100	QPSK	135	0		21.73		23.0	1.0
100	QPSK	135	69		22.87		24.0	0.0
100	QPSK	135	138		21.84		23.0	1.0
100	QPSK	270	0		21.85			
100	16QAM	1	1		21.65		23.0	1.0
100	64QAM	1	1		20.12		21.5	2.5
100	256QAM	1	1		18.69		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.63	22.77	22.60	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.64	22.77	22.65	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.69	22.75	22.59	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.61	22.67	22.67	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.60	22.77	22.64	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.64	22.66	22.55	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.57	22.76	22.55	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.68	22.68	22.65	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.65	22.74	22.66	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.68	22.68	22.61	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.60	22.71	22.59	24.0	0.0

Part27O n77 Ant5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.41	22.59	22.33	24.0	0.0
100	PI/2 BPSK	1	137	22.40	22.59	22.47		
100	PI/2 BPSK	1	271	22.37	22.50	22.47		
100	PI/2 BPSK	135	0	21.89	22.10	21.96	23.5	0.5
100	PI/2 BPSK	135	69	22.42	22.59	22.49	24.0	0.0
100	PI/2 BPSK	135	138	21.97	22.07	21.99	23.5	0.5
100	PI/2 BPSK	270	0	21.96	22.13	22.02		
100	QPSK	1	1	22.62	22.63	22.58	24.0	0.0
100	QPSK	1	137	22.44	22.56	22.50		
100	QPSK	1	271	22.48	22.51	22.49		
100	QPSK	135	0	21.59	21.45	21.46	23.0	1.0
100	QPSK	135	69	22.53	22.62	22.57	24.0	0.0
100	QPSK	135	138	21.60	21.59	21.53	23.0	1.0
100	QPSK	270	0	21.56	21.61	21.52		
100	16QAM	1	1	21.42	21.46	21.44	23.0	1.0
100	64QAM	1	1	19.77	19.81	19.74	21.5	2.5
100	256QAM	1	1	18.35	18.40	18.37	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.43	22.60	22.44	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.50	22.59	22.48	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.54	22.58	22.51	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.49	22.52	22.49	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.46	22.54	22.53	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.44	22.60	22.49	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.52	22.61	22.48	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.46	22.51	22.51	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.49	22.58	22.52	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.46	22.55	22.52	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.44	22.59	22.52	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.48		24.0	0.0
100	PI/2 BPSK	1	137		22.47			
100	PI/2 BPSK	1	271		22.42			
100	PI/2 BPSK	135	0		22.13		23.5	0.5
100	PI/2 BPSK	135	69		22.51		24.0	0.0
100	PI/2 BPSK	135	138		21.96		23.5	0.5
100	PI/2 BPSK	270	0		22.10			
100	QPSK	1	1		22.59		24.0	0.0
100	QPSK	1	137		22.40			
100	QPSK	1	271		22.48			
100	QPSK	135	0		21.45		23.0	1.0
100	QPSK	135	69		22.55		24.0	0.0
100	QPSK	135	138		21.42		23.0	1.0
100	QPSK	270	0		21.53			
100	16QAM	1	1		21.37		23.0	1.0
100	64QAM	1	1		19.70		21.5	2.5
100	256QAM	1	1		18.32		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.45	22.49	22.49	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.39	22.54	22.50	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.41	22.48	22.48	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.50	22.50	22.43	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.42	22.48	22.42	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.41	22.45	22.41	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.51	22.48	22.42	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.45	22.51	22.40	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.42	22.53	22.51	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.42	22.49	22.50	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.48	22.55	22.48	24.0	0.0

Reduced Power Mode for ECI2

n5 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.54	22.62	22.48	24.0	0.0
20	PI/2 BPSK	1	53	22.53	22.69	22.54		
20	PI/2 BPSK	1	104	22.54	22.61	22.54		
20	PI/2 BPSK	50	0	22.09	22.23	22.14	23.5	0.5
20	PI/2 BPSK	50	28	22.62	22.71	22.61	24.0	0.0
20	PI/2 BPSK	50	56	22.09	22.24	22.09	23.5	0.5
20	PI/2 BPSK	100	0	22.11	22.22	22.07		
20	QPSK	1	1	22.64	22.73	22.67	24.0	0.0
20	QPSK	1	53	22.60	22.65	22.60		
20	QPSK	1	104	22.58	22.63	22.54		
20	QPSK	50	0	21.62	21.69	21.63	23.0	1.0
20	QPSK	50	28	22.68	22.72	22.66	24.0	0.0
20	QPSK	50	56	21.68	21.72	21.64	23.0	1.0
20	QPSK	100	0	21.66	21.71	21.63		
20	16QAM	1	1	21.34	21.38	21.28	23.0	1.0
20	64QAM	1	1	19.85	19.98	19.86	21.5	2.5
20	256QAM	1	1	18.47	18.59	18.45	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.60	22.60	22.54	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.48	22.59	22.54	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.54	22.60	22.52	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.58	22.58	22.47	24.0	0.0
20	PI/2 BPSK	1	53	22.50	22.72	22.50		
20	PI/2 BPSK	1	104	22.50	22.61	22.54		
20	PI/2 BPSK	50	0	22.07	22.27	22.19	23.5	0.5
20	PI/2 BPSK	50	28	22.58	22.66	22.65	24.0	0.0
20	PI/2 BPSK	50	56	22.03	22.22	22.05	23.5	0.5
20	PI/2 BPSK	100	0	22.15	22.26	22.06		
20	QPSK	1	1	22.65	22.75	22.68	24.0	0.0
20	QPSK	1	53	22.60	22.62	22.58		
20	QPSK	1	104	22.58	22.64	22.51		
20	QPSK	50	0	21.58	21.67	21.58	23.0	1.0
20	QPSK	50	28	22.63	22.73	22.64	24.0	0.0
20	QPSK	50	56	21.62	21.77	21.63	23.0	1.0
20	QPSK	100	0	21.70	21.71	21.63		
20	16QAM	1	1	21.35	21.34	21.29	23.0	1.0
20	64QAM	1	1	19.79	19.95	19.87	21.5	2.5
20	256QAM	1	1	18.53	18.54	18.47	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.65	22.72	22.71	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.60	22.71	22.62	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.62	22.70	22.62	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.59	22.69	22.52	24.0	0.0
40	PI/2 BPSK	1	53	22.56	22.76	22.57		
40	PI/2 BPSK	1	104	22.64	22.69	22.64		
40	PI/2 BPSK	50	0	22.09	22.22	22.16	23.5	0.5
40	PI/2 BPSK	50	28	22.64	22.72	22.68	24.0	0.0
40	PI/2 BPSK	50	56	22.15	22.28	22.20	23.5	0.5
40	PI/2 BPSK	100	0	22.17	22.32	22.09		
40	QPSK	1	1	22.67	22.73	22.72	24.0	0.0
40	QPSK	1	53	22.61	22.69	22.68		
40	QPSK	1	104	22.68	22.69	22.60		
40	QPSK	50	0	21.72	21.75	21.74	23.0	1.0
40	QPSK	50	28	22.76	22.77	22.70	24.0	0.0
40	QPSK	50	56	21.78	21.76	21.74	23.0	1.0
40	QPSK	100	0	21.71	21.75	21.64		
40	16QAM	1	1	21.45	21.39	21.29	23.0	1.0
40	64QAM	1	1	19.94	20.00	19.95	21.5	2.5
40	256QAM	1	1	18.54	18.64	18.55	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.59	22.62	22.68	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.66	22.66	22.58	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.66	22.62	22.62	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.68	22.62	22.65	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.64	22.65	22.68	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.62	22.67	22.47	24.0	0.0
100	PI/2 BPSK	1	137	22.63	22.77	22.55		
100	PI/2 BPSK	1	271	22.60	22.70	22.58		
100	PI/2 BPSK	135	0	22.09	22.29	22.17	23.5	0.5
100	PI/2 BPSK	135	69	22.69	22.76	22.69	24.0	0.0
100	PI/2 BPSK	135	138	22.10	22.26	22.09	23.5	0.5
100	PI/2 BPSK	270	0	22.13	22.29	22.14		
100	QPSK	1	1	22.75	22.82	22.72	24.0	0.0
100	QPSK	1	137	22.59	22.71	22.67		
100	QPSK	1	271	22.57	22.69	22.62		
100	QPSK	135	0	21.72	21.71	21.67	23.0	1.0
100	QPSK	135	69	22.74	22.78	22.73	24.0	0.0
100	QPSK	135	138	21.68	21.76	21.75	23.0	1.0
100	QPSK	270	0	21.66	21.71	21.65		
100	16QAM	1	1	21.34	21.42	21.37	23.0	1.0
100	64QAM	1	1	19.85	20.02	19.91	21.5	2.5
100	256QAM	1	1	18.56	18.59	18.44	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.68	22.63	22.65	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.65	22.72	22.69	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.65	22.69	22.67	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.59	22.62	22.66	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.68	22.67	22.67	24.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	22.65	22.72	22.69	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.65	22.62	22.60	24.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	22.68	22.63	22.65	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.69	22.67	22.67	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	22.61	22.68	22.60	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.64	22.72	22.61	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.60	22.65	22.66	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.61	22.68	22.60	24.0	0.0

n2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	19.30	19.33	19.24	20.3	0.0
40	PI/2 BPSK	1	108	19.29	19.34	19.29		
40	PI/2 BPSK	1	214	19.31	19.23	19.30		
40	PI/2 BPSK	108	0	19.23	19.29	19.29	20.3	0.0
40	PI/2 BPSK	108	54	19.32	19.28	19.22	20.3	0.0
40	PI/2 BPSK	108	108	19.23	19.35	19.27	20.3	0.0
40	PI/2 BPSK	216	0	19.25	19.27	19.30		
40	QPSK	1	1	19.32	19.36	19.30	20.3	0.0
40	QPSK	1	108	19.31	19.30	19.26		
40	QPSK	1	214	19.24	19.31	19.28		
40	QPSK	108	0	19.21	19.26	19.33	20.3	0.0
40	QPSK	108	54	19.26	19.34	19.27	20.3	0.0
40	QPSK	108	108	19.25	19.27	19.29	20.3	0.0
40	QPSK	216	0	19.24	19.33	19.29		
40	16QAM	1	1	19.27	19.26	19.21	20.3	0.0
40	64QAM	1	1	17.95	18.07	17.94	19.5	0.8
40	256QAM	1	1	16.61	16.70	16.53	17.5	2.8
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	19.23	19.29	19.29	20.3	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	19.29	19.34	19.29	20.3	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	19.23	19.24	19.24	20.3	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	19.20	19.30	19.28	20.3	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.28	19.26	19.26	20.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.28	19.25	19.30	20.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.26	19.29	19.19	20.3	0.0

n5 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.48	22.47	22.43	24.0	0.0
20	PI/2 BPSK	1	53	22.43	22.63	22.45		
20	PI/2 BPSK	1	104	22.45	22.49	22.45		
20	PI/2 BPSK	50	0	21.98	22.17	22.07	23.5	0.5
20	PI/2 BPSK	50	28	22.46	22.64	22.52	24.0	0.0
20	PI/2 BPSK	50	56	21.95	22.12	21.98	23.5	0.5
20	PI/2 BPSK	100	0	22.02	22.08	21.97		
20	QPSK	1	1	22.54	22.65	22.57	24.0	0.0
20	QPSK	1	53	22.52	22.60	22.50		
20	QPSK	1	104	22.44	22.49	22.49		
20	QPSK	50	0	21.57	21.61	21.56	23.0	1.0
20	QPSK	50	28	22.56	22.63	22.51	24.0	0.0
20	QPSK	50	56	21.55	21.61	21.60	23.0	1.0
20	QPSK	100	0	21.54	21.61	21.58		
20	16QAM	1	1	21.21	21.29	21.16	23.0	1.0
20	64QAM	1	1	19.79	19.84	19.77	21.5	2.5
20	256QAM	1	1	18.32	18.49	18.37	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.53	22.55	22.59	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.51	22.52	22.56	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.49	22.60	22.58	24.0	0.0

n7 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.17	19.17	19.17	20.3	0.0
50	PI/2 BPSK	1	135	19.23	19.15	19.22		
50	PI/2 BPSK	1	268	19.20	19.17	19.16		
50	PI/2 BPSK	135	0	19.22	19.23	19.18	20.3	0.0
50	PI/2 BPSK	135	68	19.18	19.15	19.16	20.3	0.0
50	PI/2 BPSK	135	135	19.15	19.24	19.13	20.3	0.0
50	PI/2 BPSK	270	0	19.18	19.16	19.20		
50	QPSK	1	1	19.20	19.26	19.17	20.3	0.0
50	QPSK	1	135	19.16	19.24	19.17		
50	QPSK	1	268	19.16	19.22	19.23		
50	QPSK	135	0	19.15	19.21	19.17	20.3	0.0
50	QPSK	135	68	19.18	19.25	19.21	20.3	0.0
50	QPSK	135	135	19.18	19.16	19.19	20.3	0.0
50	QPSK	270	0	19.15	19.23	19.21		
50	16QAM	1	1	19.21	19.16	19.20	20.3	0.0
50	64QAM	1	1	17.83	18.04	17.89	19.5	0.8
50	256QAM	1	1	16.52	16.61	16.41	17.5	2.8
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.16	19.16	19.13	20.3	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	19.15	19.22	19.15	20.3	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.17	19.20	19.20	20.3	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.15	19.17	19.22	20.3	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.17	19.14	19.19	20.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.14	19.16	19.23	20.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.21	19.20	19.15	20.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.15	19.23	19.21	20.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.43	22.48	22.43	24.0	0.0
20	PI/2 BPSK	1	53	22.40	22.58	22.48		
20	PI/2 BPSK	1	104	22.42	22.55	22.41		
20	PI/2 BPSK	50	0	21.99	22.10	22.08	23.5	0.5
20	PI/2 BPSK	50	28	22.46	22.65	22.48	24.0	0.0
20	PI/2 BPSK	50	56	22.01	22.20	22.02	23.5	0.5
20	PI/2 BPSK	100	0	22.02	22.14	21.94		
20	QPSK	1	1	22.59	22.69	22.63	24.0	0.0
20	QPSK	1	53	22.46	22.61	22.46		
20	QPSK	1	104	22.47	22.56	22.48		
20	QPSK	50	0	21.47	21.54	21.57	23.0	1.0
20	QPSK	50	28	22.54	22.63	22.58	24.0	0.0
20	QPSK	50	56	21.60	21.57	21.51	23.0	1.0
20	QPSK	100	0	21.52	21.62	21.58		
20	16QAM	1	1	21.22	21.22	21.15	23.0	1.0
20	64QAM	1	1	19.78	19.91	19.75	21.5	2.5
20	256QAM	1	1	18.43	18.46	18.41	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.53	22.62	22.58	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.53	22.57	22.51	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.55	22.52	22.56	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	19.22	19.26	19.27	20.4	0.0
45	PI/2 BPSK	1	120	19.17	19.24	19.16		
45	PI/2 BPSK	1	240	19.22	19.26	19.24		
45	PI/2 BPSK	120	0	19.25	19.23	19.27	20.4	0.0
45	PI/2 BPSK	120	60	19.25	19.25	19.23	20.4	0.0
45	PI/2 BPSK	120	120	19.26	19.25	19.22	20.4	0.0
45	PI/2 BPSK	240	0	19.26	19.25	19.18		
45	QPSK	1	1	19.27	19.31	19.22	20.4	0.0
45	QPSK	1	120	19.28	19.22	19.19		
45	QPSK	1	240	19.26	19.24	19.18		
45	QPSK	120	0	19.25	19.20	19.27	20.4	0.0
45	QPSK	120	60	19.25	19.29	19.27	20.4	0.0
45	QPSK	120	120	19.17	19.28	19.25	20.4	0.0
45	QPSK	240	0	19.20	19.28	19.27		
45	16QAM	1	1	19.23	19.18	19.18	20.4	0.0
45	64QAM	1	1	17.88	18.03	17.94	19.5	0.9
45	256QAM	1	1	16.54	16.62	16.55	17.5	2.9
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	19.17	19.18	19.24	20.4	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	19.25	19.19	19.21	20.4	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.25	19.21	19.21	20.4	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.22	19.20	19.24	20.4	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.28	19.19	19.23	20.4	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.25	19.18	19.26	20.4	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.21	19.30	19.26	20.4	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.22	19.25	19.21	20.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.16	18.14	18.11	19.4	0.0
40	PI/2 BPSK	1	53	18.19	18.20	18.14		
40	PI/2 BPSK	1	104	18.16	18.16	18.21		
40	PI/2 BPSK	50	0	18.11	18.13	18.18	19.4	0.0
40	PI/2 BPSK	50	28	18.13	18.16	18.14	19.4	0.0
40	PI/2 BPSK	50	56	18.17	18.21	18.18	19.4	0.0
40	PI/2 BPSK	100	0	18.11	18.14	18.20		
40	QPSK	1	1	18.18	18.22	18.20	19.4	0.0
40	QPSK	1	53	18.15	18.17	18.20		
40	QPSK	1	104	18.10	18.21	18.21		
40	QPSK	50	0	18.15	18.15	18.20	19.4	0.0
40	QPSK	50	28	18.20	18.21	18.19	19.4	0.0
40	QPSK	50	56	18.16	18.17	18.14	19.4	0.0
40	QPSK	100	0	18.12	18.20	18.10		
40	16QAM	1	1	18.15	18.17	18.15	19.4	0.0
40	64QAM	1	1	18.15	18.15	18.16	19.4	0.0
40	256QAM	1	1	18.19	18.21	18.17	19.4	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.12	18.18	18.18	19.4	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	18.18	18.17	18.09	19.4	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.17	18.12	18.17	19.4	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.07	18.14	18.17	19.4	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.11	18.21	18.12	19.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.14	18.24	18.15	19.4	0.0
100	PI/2 BPSK	1	137	18.20	18.15	18.20		
100	PI/2 BPSK	1	271	18.18	18.16	18.19		
100	PI/2 BPSK	135	0	18.20	18.25	18.22	19.4	0.0
100	PI/2 BPSK	135	69	18.18	18.16	18.12	19.4	0.0
100	PI/2 BPSK	135	138	18.17	18.24	18.15	19.4	0.0
100	PI/2 BPSK	270	0	18.19	18.18	18.19		
100	QPSK	1	1	18.21	18.26	18.18	19.4	0.0
100	QPSK	1	137	18.12	18.14	18.11		
100	QPSK	1	271	18.11	18.14	18.21		
100	QPSK	135	0	18.12	18.21	18.20	19.4	0.0
100	QPSK	135	69	18.16	18.22	18.19	19.4	0.0
100	QPSK	135	138	18.18	18.19	18.20	19.4	0.0
100	QPSK	270	0	18.14	18.21	18.19		
100	16QAM	1	1	18.11	18.16	18.15	19.4	0.0
100	64QAM	1	1	18.11	18.13	18.15	19.4	0.0
100	256QAM	1	1	18.16	18.18	18.19	19.4	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.13	18.12	18.11	19.4	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.19	18.17	18.11	19.4	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.07	18.20	18.16	19.4	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.14	18.20	18.10	19.4	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.19	18.15	18.14	19.4	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	18.11	18.21	18.18	19.4	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.07	18.21	18.18	19.4	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	18.17	18.16	18.18	19.4	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.15	18.19	18.12	19.4	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	18.13	18.12	18.18	19.4	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.08	18.13	18.13	19.4	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.13	18.21	18.16	19.4	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.14	18.18	18.17	19.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.26	22.42	22.18	24.0	0.0
40	PI/2 BPSK	1	108	22.32	22.46	22.27		
40	PI/2 BPSK	1	214	22.31	22.41	22.27		
40	PI/2 BPSK	108	0	21.84	22.04	21.93	23.5	0.5
40	PI/2 BPSK	108	54	22.32	22.48	22.37	24.0	0.0
40	PI/2 BPSK	108	108	21.79	22.02	21.85	23.5	0.5
40	PI/2 BPSK	216	0	21.85	21.92	21.77		
40	QPSK	1	1	22.44	22.49	22.46	24.0	0.0
40	QPSK	1	108	22.36	22.46	22.37		
40	QPSK	1	214	22.30	22.38	22.30		
40	QPSK	108	0	21.34	21.47	21.42	23.0	1.0
40	QPSK	108	54	22.45	22.47	22.43	24.0	0.0
40	QPSK	108	108	21.38	21.42	21.38	23.0	1.0
40	QPSK	216	0	21.42	21.46	21.38		
40	16QAM	1	1	21.24	21.37	21.37	23.0	1.0
40	64QAM	1	1	19.57	19.68	19.56	21.5	2.5
40	256QAM	1	1	18.22	18.36	18.26	19.5	4.5
Channel				375500	376000	376500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	22.40	22.43	22.34	24.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.43	22.40	22.42	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.32	22.48	22.37	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.26	22.42	22.18	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.35	22.42	22.44	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.45	22.37	22.37	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.43	22.48	22.37	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.23	22.43	22.24	24.0	0.0
50	PI/2 BPSK	1	135	22.30	22.39	22.24		
50	PI/2 BPSK	1	268	22.34	22.39	22.30		
50	PI/2 BPSK	135	0	21.79	21.98	21.84	23.5	0.5
50	PI/2 BPSK	135	68	22.36	22.47	22.40	24.0	0.0
50	PI/2 BPSK	135	135	21.85	22.02	21.83	23.5	0.5
50	PI/2 BPSK	270	0	21.84	21.94	21.81		
50	QPSK	1	1	22.43	22.48	22.45	24.0	0.0
50	QPSK	1	135	22.37	22.41	22.38		
50	QPSK	1	268	22.37	22.44	22.32		
50	QPSK	135	0	21.36	21.45	21.38	23.0	1.0
50	QPSK	135	68	22.45	22.46	22.41	24.0	0.0
50	QPSK	135	135	21.43	21.42	21.37	23.0	1.0
50	QPSK	270	0	21.38	21.45	21.40		
50	16QAM	1	1	21.31	21.28	21.35	23.0	1.0
50	64QAM	1	1	19.56	19.72	19.62	21.5	2.5
50	256QAM	1	1	18.22	18.39	18.26	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.37	22.39	22.40	24.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	22.36	22.47	22.44	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.40	22.47	22.37	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.33	22.41	22.42	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.43	22.47	22.42	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.38	22.45	22.34	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.36	22.47	22.44	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.36	22.47	22.35	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	22.41	22.48	22.28	24.0	0.0
45	PI/2 BPSK	1	120	22.35	22.55	22.41		
45	PI/2 BPSK	1	240	22.45	22.46	22.41		
45	PI/2 BPSK	120	0	21.97	22.06	21.95	23.5	0.5
45	PI/2 BPSK	120	60	22.45	22.57	22.44	24.0	0.0
45	PI/2 BPSK	120	120	21.99	22.09	21.90	23.5	0.5
45	PI/2 BPSK	240	0	21.96	22.04	21.95		
45	QPSK	1	1	22.43	22.60	22.58	24.0	0.0
45	QPSK	1	120	22.41	22.48	22.44		
45	QPSK	1	240	22.38	22.49	22.41		
45	QPSK	120	0	21.50	21.49	21.43	23.0	1.0
45	QPSK	120	60	22.58	22.59	22.53	24.0	0.0
45	QPSK	120	120	21.51	21.62	21.52	23.0	1.0
45	QPSK	240	0	21.53	21.55	21.51		
45	16QAM	1	1	21.45	21.47	21.33	23.0	1.0
45	64QAM	1	1	19.67	19.79	19.70	21.5	2.5
45	256QAM	1	1	18.38	18.39	18.26	19.5	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.35	22.55	22.41	24.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.43	22.38	22.35	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.40	22.48	22.38	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.41	22.48	22.34	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.41	22.41	22.42	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.43	22.38	22.35	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.37	22.47	22.40	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.41	22.37	22.35	24.0	0.0

Part27O n77 Ant7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.04	18.00	17.99	19.0	0.0
100	PI/2 BPSK	1	137	17.97	18.09	18.01		
100	PI/2 BPSK	1	271	18.07	18.00	18.08		
100	PI/2 BPSK	135	0	18.08	18.03	18.00	19.0	0.0
100	PI/2 BPSK	135	69	18.00	18.06	17.98	19.0	0.0
100	PI/2 BPSK	135	138	18.03	18.08	18.07	19.0	0.0
100	PI/2 BPSK	270	0	18.08	18.00	18.07		
100	QPSK	1	1	18.08	18.14	18.11	19.0	0.0
100	QPSK	1	137	18.08	18.00	18.04		
100	QPSK	1	271	17.99	18.01	18.00		
100	QPSK	135	0	18.04	18.00	18.01	19.0	0.0
100	QPSK	135	69	18.07	18.09	18.03	19.0	0.0
100	QPSK	135	138	17.99	18.02	18.02	19.0	0.0
100	QPSK	270	0	18.03	18.07	18.05		
100	16QAM	1	1	17.98	18.01	18.06	19.0	0.0
100	64QAM	1	1	18.05	18.01	17.98	19.0	0.0
100	256QAM	1	1	18.06	18.06	18.05	19.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.97	18.02	17.94	19.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.00	17.94	17.98	19.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.03	18.03	18.04	19.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.96	17.95	17.99	19.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.93	17.99	18.00	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.96	17.97	17.97	19.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.97	18.02	17.99	19.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.95	17.98	17.97	19.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.92	18.01	17.98	19.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.93	17.95	17.94	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.99	17.97	17.94	19.0	0.0

Part27O n78 Ant7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.10		19.0	0.0
100	PI/2 BPSK	1	137		18.05			
100	PI/2 BPSK	1	271		18.00			
100	PI/2 BPSK	135	0		18.08		19.0	0.0
100	PI/2 BPSK	135	69		18.07		19.0	0.0
100	PI/2 BPSK	135	138		18.05		19.0	0.0
100	PI/2 BPSK	270	0		18.10			
100	QPSK	1	1		18.13		19.0	0.0
100	QPSK	1	137		18.05			
100	QPSK	1	271		18.09			
100	QPSK	135	0		17.99		19.0	0.0
100	QPSK	135	69		18.11		19.0	0.0
100	QPSK	135	138		18.06		19.0	0.0
100	QPSK	270	0		18.07			
100	16QAM	1	1		18.05		19.0	0.0
100	64QAM	1	1		18.08		19.0	0.0
100	256QAM	1	1		18.05		19.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.00	18.00	17.94	19.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.93	18.03	17.94	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.93	17.97	18.02	19.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.98	17.99	18.00	19.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.01	17.95	18.02	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.96	17.94	17.93	19.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.02	18.05	17.99	19.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.97	18.03	17.96	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.99	17.98	17.98	19.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.96	17.97	18.00	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.99	17.99	17.93	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.28	15.29	15.22	16.5	0.0
100	PI/2 BPSK	1	137	15.26	15.21	15.26		
100	PI/2 BPSK	1	271	15.19	15.23	15.22		
100	PI/2 BPSK	135	0	15.19	15.27	15.18	16.5	0.0
100	PI/2 BPSK	135	69	15.21	15.26	15.28	16.5	0.0
100	PI/2 BPSK	135	138	15.17	15.24	15.24	16.5	0.0
100	PI/2 BPSK	270	0	15.21	15.19	15.24		
100	QPSK	1	1	15.27	15.30	15.26	16.5	0.0
100	QPSK	1	137	15.19	15.18	15.17		
100	QPSK	1	271	15.22	15.18	15.17		
100	QPSK	135	0	15.20	15.27	15.18	16.5	0.0
100	QPSK	135	69	15.27	15.28	15.22	16.5	0.0
100	QPSK	135	138	15.25	15.22	15.27	16.5	0.0
100	QPSK	270	0	15.26	15.27	15.20		
100	16QAM	1	1	15.18	15.25	15.20	16.5	0.0
100	64QAM	1	1	15.26	15.19	15.22	16.5	0.0
100	256QAM	1	1	15.14	15.24	15.21	16.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.13	15.18	15.21	16.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.18	15.16	15.19	16.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.18	15.12	15.17	16.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.18	15.16	15.19	16.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.18	15.12	15.17	16.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.16	15.18	15.12	16.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.17	15.13	15.11	16.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.21	15.21	15.15	16.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.20	15.18	15.14	16.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.12	15.23	15.21	16.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.21	15.20	15.16	16.5	0.0

Part27O n78 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.21		16.5	0.0
100	PI/2 BPSK	1	137		15.18			
100	PI/2 BPSK	1	271		15.18			
100	PI/2 BPSK	135	0		15.14		16.5	0.0
100	PI/2 BPSK	135	69		15.20		16.5	0.0
100	PI/2 BPSK	135	138		15.21		16.5	0.0
100	PI/2 BPSK	270	0		15.15			
100	QPSK	1	1		15.24		16.5	0.0
100	QPSK	1	137		15.18			
100	QPSK	1	271		15.18			
100	QPSK	135	0		15.13		16.5	0.0
100	QPSK	135	69		15.21		16.5	0.0
100	QPSK	135	138		15.19		16.5	0.0
100	QPSK	270	0		15.17			
100	16QAM	1	1		15.15		16.5	0.0
100	64QAM	1	1		15.21		16.5	0.0
100	256QAM	1	1		15.11		16.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.16	15.22	15.11	16.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.17	15.14	15.14	16.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.14	15.23	15.14	16.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.22	15.12	15.18	16.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.18	15.18	15.13	16.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.15	15.17	15.20	16.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.20	15.13	15.14	16.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.17	15.13	15.15	16.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.12	15.23	15.14	16.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.14	15.21	15.22	16.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.14	15.16	15.17	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.70	22.77	22.62	24.0	0.0
100	PI/2 BPSK	1	137	22.71	22.83	22.82		
100	PI/2 BPSK	1	271	22.71	22.77	22.67		
100	PI/2 BPSK	135	0	22.20	22.42	22.31	23.5	0.5
100	PI/2 BPSK	135	69	22.79	22.91	22.74	24.0	0.0
100	PI/2 BPSK	135	138	22.23	22.43	22.31	23.5	0.5
100	PI/2 BPSK	270	0	22.23	22.51	22.17		
100	QPSK	1	1	22.85	22.92	22.87	24.0	0.0
100	QPSK	1	137	22.79	22.82	22.74		
100	QPSK	1	271	22.79	22.85	22.74		
100	QPSK	135	0	21.88	21.91	21.81	23.0	1.0
100	QPSK	135	69	22.83	22.91	22.88	24.0	0.0
100	QPSK	135	138	21.97	21.83	21.86	23.0	1.0
100	QPSK	270	0	21.82	21.87	21.85		
100	16QAM	1	1	21.73	21.80	21.73	23.0	1.0
100	64QAM	1	1	20.06	20.20	20.15	21.5	2.5
100	256QAM	1	1	18.57	18.76	18.67	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.77	22.83	22.79	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.75	22.77	22.73	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.78	22.72	22.81	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.70	22.77	22.72	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.76	22.73	22.73	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.79	22.79	22.73	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.73	22.72	22.75	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.78	22.78	22.79	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.77	22.82	22.75	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.77	22.73	22.77	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.80	22.81	22.80	24.0	0.0

Part27O n78 Ant8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.72		24.0	0.0
100	PI/2 BPSK	1	137		22.76			
100	PI/2 BPSK	1	271		22.69			
100	PI/2 BPSK	135	0		22.40		23.5	0.5
100	PI/2 BPSK	135	69		22.83		24.0	0.0
100	PI/2 BPSK	135	138		22.35		23.5	0.5
100	PI/2 BPSK	270	0		22.35			
100	QPSK	1	1		22.89		24.0	0.0
100	QPSK	1	137		22.85			
100	QPSK	1	271		22.73			
100	QPSK	135	0		21.73		23.0	1.0
100	QPSK	135	69		22.87		24.0	0.0
100	QPSK	135	138		21.84		23.0	1.0
100	QPSK	270	0		21.85			
100	16QAM	1	1		21.65		23.0	1.0
100	64QAM	1	1		20.12		21.5	2.5
100	256QAM	1	1		18.69		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.63	22.77	22.60	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.64	22.77	22.65	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.69	22.75	22.59	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.61	22.67	22.67	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.60	22.77	22.64	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.64	22.66	22.55	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.57	22.76	22.55	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.68	22.68	22.65	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.65	22.74	22.66	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.68	22.68	22.61	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.60	22.71	22.59	24.0	0.0

Part27O n77 Ant5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.11	19.12	19.00	20.2	0.0
100	PI/2 BPSK	1	137	19.06	19.08	19.08		
100	PI/2 BPSK	1	271	19.05	19.02	19.03		
100	PI/2 BPSK	135	0	19.10	19.06	19.08	20.2	0.0
100	PI/2 BPSK	135	69	19.02	19.03	19.03	20.2	0.0
100	PI/2 BPSK	135	138	19.01	19.08	19.00	20.2	0.0
100	PI/2 BPSK	270	0	19.08	19.11	19.06		
100	QPSK	1	1	19.08	19.13	19.09	20.2	0.0
100	QPSK	1	137	19.07	19.10	19.12		
100	QPSK	1	271	19.01	19.05	19.11		
100	QPSK	135	0	19.06	19.01	19.06	20.2	0.0
100	QPSK	135	69	19.07	19.12	19.09	20.2	0.0
100	QPSK	135	138	19.11	19.05	19.07	20.2	0.0
100	QPSK	270	0	19.01	19.06	19.04		
100	16QAM	1	1	19.10	19.07	19.00	20.2	0.0
100	64QAM	1	1	19.03	19.12	19.05	20.2	0.0
100	256QAM	1	1	18.35	18.40	18.37	19.5	0.7
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.00	18.96	19.02	20.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.97	18.97	18.98	20.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.95	19.01	19.03	20.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.99	19.00	19.02	20.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.95	18.99	19.02	20.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.99	18.96	19.00	20.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.01	18.97	19.02	20.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.96	18.98	19.06	20.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.04	19.04	19.05	20.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.06	19.06	19.05	20.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.00	19.01	19.05	20.2	0.0

Part27O n78 Ant5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.04		20.2	0.0
100	PI/2 BPSK	1	137		19.01			
100	PI/2 BPSK	1	271		18.03			
100	PI/2 BPSK	135	0		18.99		20.2	0.0
100	PI/2 BPSK	135	69		19.02		20.2	0.0
100	PI/2 BPSK	135	138		19.01		20.2	0.0
100	PI/2 BPSK	270	0		19.06			
100	QPSK	1	1		19.08		20.2	0.0
100	QPSK	1	137		19.00			
100	QPSK	1	271		18.97			
100	QPSK	135	0		19.03		20.2	0.0
100	QPSK	135	69		19.05		20.2	0.0
100	QPSK	135	138		18.98		20.2	0.0
100	QPSK	270	0		19.00			
100	16QAM	1	1		19.03		20.2	0.0
100	64QAM	1	1		19.00		20.2	0.0
100	256QAM	1	1		18.32		19.5	0.7
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.98	19.04	18.96	20.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.04	19.07	18.99	20.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.03	19.07	18.96	20.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.98	19.03	19.04	20.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.02	18.98	18.98	20.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.02	19.05	18.99	20.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.99	18.97	18.95	20.2	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.06	19.03	19.02	20.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.96	19.01	19.00	20.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.96	19.02	19.00	20.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.03	19.02	18.96	20.2	0.0

Reduced Power Mode for ECI3

n5 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.54	22.62	22.48	24.0	0.0
20	PI/2 BPSK	1	53	22.53	22.69	22.54		
20	PI/2 BPSK	1	104	22.54	22.61	22.54		
20	PI/2 BPSK	50	0	22.09	22.23	22.14	23.5	0.5
20	PI/2 BPSK	50	28	22.62	22.71	22.61	24.0	0.0
20	PI/2 BPSK	50	56	22.09	22.24	22.09	23.5	0.5
20	PI/2 BPSK	100	0	22.11	22.22	22.07		
20	QPSK	1	1	22.64	22.73	22.67	24.0	0.0
20	QPSK	1	53	22.60	22.65	22.60		
20	QPSK	1	104	22.58	22.63	22.54		
20	QPSK	50	0	21.62	21.69	21.63	23.0	1.0
20	QPSK	50	28	22.68	22.72	22.66	24.0	0.0
20	QPSK	50	56	21.68	21.72	21.64	23.0	1.0
20	QPSK	100	0	21.66	21.71	21.63		
20	16QAM	1	1	21.34	21.38	21.28	23.0	1.0
20	64QAM	1	1	19.85	19.98	19.86	21.5	2.5
20	256QAM	1	1	18.47	18.59	18.45	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.60	22.60	22.54	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.48	22.59	22.54	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.54	22.60	22.52	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.58	22.58	22.47	24.0	0.0
20	PI/2 BPSK	1	53	22.50	22.72	22.50		
20	PI/2 BPSK	1	104	22.50	22.61	22.54		
20	PI/2 BPSK	50	0	22.07	22.27	22.19	23.5	0.5
20	PI/2 BPSK	50	28	22.58	22.66	22.65	24.0	0.0
20	PI/2 BPSK	50	56	22.03	22.22	22.05	23.5	0.5
20	PI/2 BPSK	100	0	22.15	22.26	22.06		
20	QPSK	1	1	22.65	22.75	22.68	24.0	0.0
20	QPSK	1	53	22.60	22.62	22.58		
20	QPSK	1	104	22.58	22.64	22.51		
20	QPSK	50	0	21.58	21.67	21.58	23.0	1.0
20	QPSK	50	28	22.63	22.73	22.64	24.0	0.0
20	QPSK	50	56	21.62	21.77	21.63	23.0	1.0
20	QPSK	100	0	21.70	21.71	21.63		
20	16QAM	1	1	21.35	21.34	21.29	23.0	1.0
20	64QAM	1	1	19.79	19.95	19.87	21.5	2.5
20	256QAM	1	1	18.53	18.54	18.47	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.65	22.72	22.71	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.60	22.71	22.62	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.62	22.70	22.62	24.0	0.0

n38 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	21.23	21.28	21.14	22.5	0.0
40	PI/2 BPSK	1	53	21.23	21.22	21.22		
40	PI/2 BPSK	1	104	21.23	21.27	21.14		
40	PI/2 BPSK	50	0	21.17	21.22	21.17	22.5	0.0
40	PI/2 BPSK	50	28	21.16	21.26	21.23	22.5	0.0
40	PI/2 BPSK	50	56	21.16	21.23	21.26	22.5	0.0
40	PI/2 BPSK	100	0	21.18	21.17	21.14		
40	QPSK	1	1	21.25	21.29	21.20	22.5	0.0
40	QPSK	1	53	21.18	21.22	21.24		
40	QPSK	1	104	21.16	21.26	21.24		
40	QPSK	50	0	21.23	21.18	21.22	22.5	0.0
40	QPSK	50	28	21.19	21.27	21.19	22.5	0.0
40	QPSK	50	56	21.15	21.26	21.22	22.5	0.0
40	QPSK	100	0	21.25	21.26	21.17		
40	16QAM	1	1	21.19	21.26	21.20	22.5	0.0
40	64QAM	1	1	19.94	20.00	19.95	21.5	1.0
40	256QAM	1	1	18.54	18.64	18.55	19.5	3.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.23	21.17	21.22	22.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	21.17	21.24	21.17	22.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.15	21.23	21.17	22.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.20	21.27	21.22	22.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.24	21.21	21.15	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.29	21.26	21.26	22.5	0.0
100	PI/2 BPSK	1	137	21.31	21.26	21.23		
100	PI/2 BPSK	1	271	21.19	21.21	21.21		
100	PI/2 BPSK	135	0	21.22	21.29	21.20	22.5	0.0
100	PI/2 BPSK	135	69	21.30	21.25	21.20	22.5	0.0
100	PI/2 BPSK	135	138	21.24	21.28	21.28	22.5	0.0
100	PI/2 BPSK	270	0	21.28	21.31	21.23		
100	QPSK	1	1	21.25	21.32	21.28	22.5	0.0
100	QPSK	1	137	21.26	21.31	21.24		
100	QPSK	1	271	21.30	21.29	21.20		
100	QPSK	135	0	21.26	21.25	21.29	22.5	0.0
100	QPSK	135	69	21.29	21.31	21.30	22.5	0.0
100	QPSK	135	138	21.29	21.30	21.23	22.5	0.0
100	QPSK	270	0	21.20	21.27	21.25		
100	16QAM	1	1	21.23	21.21	21.30	22.5	0.0
100	64QAM	1	1	19.85	20.02	19.91	21.5	1.0
100	256QAM	1	1	18.56	18.59	18.44	19.5	3.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.24	21.26	21.26	22.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.17	21.18	21.21	22.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.19	21.22	21.20	22.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.23	21.18	21.20	22.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.19	21.17	21.21	22.5	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	21.20	21.25	21.24	22.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.23	21.22	21.25	22.5	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	21.14	21.23	21.24	22.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.15	21.24	21.20	22.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	21.17	21.22	21.15	22.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.26	21.21	21.24	22.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.17	21.27	21.18	22.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.18	21.21	21.18	22.5	0.0

n2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	17.84	17.83	17.85	19.0	0.0
40	PI/2 BPSK	1	108	17.81	17.81	17.87		
40	PI/2 BPSK	1	214	17.80	17.79	17.87		
40	PI/2 BPSK	108	0	17.83	17.89	17.87	19.0	0.0
40	PI/2 BPSK	108	54	17.79	17.81	17.79	19.0	0.0
40	PI/2 BPSK	108	108	17.87	17.87	17.77	19.0	0.0
40	PI/2 BPSK	216	0	17.82	17.85	17.80		
40	QPSK	1	1	17.87	17.91	17.83	19.0	0.0
40	QPSK	1	108	17.79	17.85	17.84		
40	QPSK	1	214	17.83	17.89	17.84		
40	QPSK	108	0	17.77	17.84	17.79	19.0	0.0
40	QPSK	108	54	17.84	17.89	17.82	19.0	0.0
40	QPSK	108	108	17.86	17.81	17.81	19.0	0.0
40	QPSK	216	0	17.82	17.87	17.85		
40	16QAM	1	1	17.88	17.81	17.78	19.0	0.0
40	64QAM	1	1	17.80	17.81	17.87	19.0	0.0
40	256QAM	1	1	16.61	16.70	16.53	17.5	1.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	17.83	17.89	17.87	19.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	17.81	17.81	17.87	19.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	17.88	17.81	17.78	19.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	17.74	17.87	17.79	19.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.82	17.86	17.85	19.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.74	17.87	17.79	19.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.83	17.76	17.75	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.09	21.13	21.09	22.4	0.0
20	PI/2 BPSK	1	53	21.10	21.15	21.02		
20	PI/2 BPSK	1	104	21.03	21.09	21.08		
20	PI/2 BPSK	50	0	21.04	21.08	21.08	22.4	0.0
20	PI/2 BPSK	50	28	21.03	21.05	21.05	22.4	0.0
20	PI/2 BPSK	50	56	21.02	21.05	21.03	22.4	0.0
20	PI/2 BPSK	100	0	21.06	21.14	21.14		
20	QPSK	1	1	21.08	21.17	21.11	22.4	0.0
20	QPSK	1	53	21.05	21.08	21.04		
20	QPSK	1	104	21.09	21.11	21.14		
20	QPSK	50	0	21.04	21.05	21.12	22.4	0.0
20	QPSK	50	28	21.12	21.16	21.02	22.4	0.0
20	QPSK	50	56	21.03	21.14	21.11	22.4	0.0
20	QPSK	100	0	21.05	21.14	21.11		
20	16QAM	1	1	21.12	21.10	21.07	22.4	0.0
20	64QAM	1	1	19.79	19.84	19.77	21.5	0.9
20	256QAM	1	1	18.32	18.49	18.37	19.5	2.9
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.07	21.08	21.03	22.4	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.06	21.13	21.07	22.4	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.06	21.15	21.06	22.4	0.0

n7 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	16.79	16.74	16.71	18.0	0.0
50	PI/2 BPSK	1	135	16.69	16.73	16.75		
50	PI/2 BPSK	1	268	16.79	16.78	16.80		
50	PI/2 BPSK	135	0	16.73	16.74	16.71	18.0	0.0
50	PI/2 BPSK	135	68	16.76	16.77	16.78	18.0	0.0
50	PI/2 BPSK	135	135	16.76	16.72	16.77	18.0	0.0
50	PI/2 BPSK	270	0	16.73	16.76	16.77		
50	QPSK	1	1	16.79	16.81	16.76	18.0	0.0
50	QPSK	1	135	16.78	16.79	16.80		
50	QPSK	1	268	16.72	16.76	16.79		
50	QPSK	135	0	16.69	16.76	16.75	18.0	0.0
50	QPSK	135	68	16.76	16.80	16.78	18.0	0.0
50	QPSK	135	135	16.72	16.74	16.76	18.0	0.0
50	QPSK	270	0	16.69	16.76	16.75		
50	16QAM	1	1	16.71	16.80	16.79	18.0	0.0
50	64QAM	1	1	16.70	16.77	16.73	18.0	0.0
50	256QAM	1	1	16.52	16.61	16.41	17.5	0.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	16.68	16.77	16.76	18.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	16.76	16.76	16.64	18.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.69	16.74	16.74	18.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.71	16.67	16.73	18.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	16.69	16.77	16.66	18.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.69	16.70	16.74	18.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.72	16.68	16.64	18.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.64	16.75	16.73	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.14	21.18	21.12	22.4	0.0
20	PI/2 BPSK	1	53	21.18	21.11	21.14		
20	PI/2 BPSK	1	104	21.11	21.14	21.11		
20	PI/2 BPSK	50	0	21.18	21.21	21.12	22.4	0.0
20	PI/2 BPSK	50	28	21.16	21.16	21.11	22.4	0.0
20	PI/2 BPSK	50	56	21.07	21.19	21.11	22.4	0.0
20	PI/2 BPSK	100	0	21.13	21.18	21.17		
20	QPSK	1	1	21.19	21.22	21.16	22.4	0.0
20	QPSK	1	53	21.18	21.20	21.14		
20	QPSK	1	104	21.10	21.15	21.16		
20	QPSK	50	0	21.10	21.19	21.16	22.4	0.0
20	QPSK	50	28	21.15	21.20	21.17	22.4	0.0
20	QPSK	50	56	21.08	21.14	21.15	22.4	0.0
20	QPSK	100	0	21.18	21.19	21.11		
20	16QAM	1	1	21.16	21.17	21.10	22.4	0.0
20	64QAM	1	1	19.78	19.91	19.75	21.5	0.9
20	256QAM	1	1	18.43	18.46	18.41	19.5	2.9
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.09	21.05	21.04	22.4	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.13	21.14	21.04	22.4	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.14	21.10	21.14	22.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	16.76	16.71	16.79	18.1	0.0
45	PI/2 BPSK	1	120	16.74	16.78	16.74		
45	PI/2 BPSK	1	240	16.79	16.72	16.80		
45	PI/2 BPSK	120	0	16.77	16.71	16.70	18.1	0.0
45	PI/2 BPSK	120	60	16.79	16.81	16.78	18.1	0.0
45	PI/2 BPSK	120	120	16.79	16.75	16.77	18.1	0.0
45	PI/2 BPSK	240	0	16.72	16.75	16.79		
45	QPSK	1	1	16.77	16.82	16.75	18.1	0.0
45	QPSK	1	120	16.72	16.80	16.80		
45	QPSK	1	240	16.71	16.72	16.78		
45	QPSK	120	0	16.72	16.76	16.69	18.1	0.0
45	QPSK	120	60	16.75	16.81	16.70	18.1	0.0
45	QPSK	120	120	16.72	16.72	16.71	18.1	0.0
45	QPSK	240	0	16.75	16.77	16.71		
45	16QAM	1	1	16.78	16.77	16.77	18.1	0.0
45	64QAM	1	1	16.77	16.73	16.80	18.1	0.0
45	256QAM	1	1	16.54	16.62	16.55	17.5	0.6
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	16.67	16.71	16.68	18.1	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	16.70	16.69	16.67	18.1	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.68	16.72	16.73	18.1	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.73	16.67	16.72	18.1	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.66	16.68	16.66	18.1	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.76	16.66	16.71	18.1	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.70	16.74	16.68	18.1	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.72	16.70	16.67	18.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.21	17.16	17.14	18.5	0.0
40	PI/2 BPSK	1	53	17.19	17.23	17.21		
40	PI/2 BPSK	1	104	17.17	17.16	17.20		
40	PI/2 BPSK	50	0	17.21	17.15	17.23	18.5	0.0
40	PI/2 BPSK	50	28	17.14	17.22	17.24	18.5	0.0
40	PI/2 BPSK	50	56	17.19	17.16	17.15	18.5	0.0
40	PI/2 BPSK	100	0	17.20	17.25	17.23		
40	QPSK	1	1	17.24	17.27	17.16	18.5	0.0
40	QPSK	1	53	17.17	17.24	17.13		
40	QPSK	1	104	17.17	17.25	17.19		
40	QPSK	50	0	17.22	17.20	17.13	18.5	0.0
40	QPSK	50	28	17.21	17.26	17.17	18.5	0.0
40	QPSK	50	56	17.18	17.18	17.20	18.5	0.0
40	QPSK	100	0	17.16	17.24	17.21		
40	16QAM	1	1	17.22	17.25	17.16	18.5	0.0
40	64QAM	1	1	17.12	17.22	17.19	18.5	0.0
40	256QAM	1	1	17.15	17.14	17.23	17.5	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.14	17.21	17.17	18.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	17.17	17.24	17.18	18.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.19	17.24	17.23	18.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.19	17.19	17.17	18.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.14	17.21	17.22	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.24	17.24	17.23	18.5	0.0
100	PI/2 BPSK	1	137	17.29	17.25	17.19		
100	PI/2 BPSK	1	271	17.22	17.26	17.28		
100	PI/2 BPSK	135	0	17.23	17.24	17.22	18.5	0.0
100	PI/2 BPSK	135	69	17.20	17.21	17.19	18.5	0.0
100	PI/2 BPSK	135	138	17.25	17.29	17.25	18.5	0.0
100	PI/2 BPSK	270	0	17.25	17.22	17.24		
100	QPSK	1	1	17.29	17.30	17.22	18.5	0.0
100	QPSK	1	137	17.21	17.27	17.20		
100	QPSK	1	271	17.28	17.28	17.26		
100	QPSK	135	0	17.21	17.28	17.22	18.5	0.0
100	QPSK	135	69	17.23	17.29	17.26	18.5	0.0
100	QPSK	135	138	17.24	17.25	17.20	18.5	0.0
100	QPSK	270	0	17.25	17.26	17.21		
100	16QAM	1	1	17.21	17.22	17.21	18.5	0.0
100	64QAM	1	1	17.18	17.21	17.18	18.5	0.0
100	256QAM	1	1	17.20	17.21	17.22	17.5	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.20	17.15	17.16	18.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.13	17.22	17.18	18.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.23	17.14	17.15	18.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.15	17.15	17.19	18.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.24	17.19	17.14	18.5	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	17.19	17.15	17.17	18.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.20	17.19	17.24	18.5	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	17.13	17.24	17.14	18.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.14	17.25	17.19	18.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	17.21	17.16	17.23	18.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.14	17.17	17.14	18.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.23	17.24	17.23	18.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.18	17.24	17.13	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	20.93	21.00	21.01	21.9	0.0
40	PI/2 BPSK	1	108	21.00	21.02	21.00		
40	PI/2 BPSK	1	214	21.02	21.01	21.01		
40	PI/2 BPSK	108	0	20.94	20.97	20.93	21.9	0.0
40	PI/2 BPSK	108	54	20.96	20.99	20.97	21.9	0.0
40	PI/2 BPSK	108	108	21.01	21.01	21.00	21.9	0.0
40	PI/2 BPSK	216	0	21.01	20.95	20.93		
40	QPSK	1	1	20.99	21.03	20.97	21.9	0.0
40	QPSK	1	108	21.02	20.99	20.99		
40	QPSK	1	214	20.94	20.99	21.00		
40	QPSK	108	0	20.92	20.96	20.94	21.9	0.0
40	QPSK	108	54	20.92	21.02	20.97	21.9	0.0
40	QPSK	108	108	20.91	20.95	20.93	21.9	0.0
40	QPSK	216	0	20.96	20.99	20.95		
40	16QAM	1	1	20.96	20.99	20.92	21.9	0.0
40	64QAM	1	1	19.57	19.68	19.56	21.5	0.4
40	256QAM	1	1	18.22	18.36	18.26	19.5	2.4
Channel				375500	376000	376500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	21.00	21.02	21.00	21.9	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	20.94	20.97	20.93	21.9	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	20.89	20.93	20.92	21.9	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	20.91	20.89	20.88	21.9	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.94	20.98	20.91	21.9	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.90	20.99	20.92	21.9	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.97	20.89	20.92	21.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.99	20.03	19.98	20.9	0.0
50	PI/2 BPSK	1	135	19.96	19.94	19.95		
50	PI/2 BPSK	1	268	20.00	19.93	20.01		
50	PI/2 BPSK	135	0	20.00	19.98	19.97	20.9	0.0
50	PI/2 BPSK	135	68	20.01	20.01	19.93	20.9	0.0
50	PI/2 BPSK	135	135	19.93	19.96	19.94	20.9	0.0
50	PI/2 BPSK	270	0	20.01	20.01	19.92		
50	QPSK	1	1	20.00	20.04	19.99	20.9	0.0
50	QPSK	1	135	20.00	19.94	19.92		
50	QPSK	1	268	19.95	19.95	20.00		
50	QPSK	135	0	19.99	19.96	19.97	20.9	0.0
50	QPSK	135	68	20.02	20.03	20.01	20.9	0.0
50	QPSK	135	135	19.97	20.01	19.96	20.9	0.0
50	QPSK	270	0	19.99	20.01	19.92		
50	16QAM	1	1	20.01	20.02	19.91	20.9	0.0
50	64QAM	1	1	19.56	19.72	19.62	20.9	0.0
50	256QAM	1	1	18.22	18.39	18.26	19.5	1.4
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.95	19.89	19.87	20.9	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	19.94	19.91	19.97	20.9	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.90	19.92	19.94	20.9	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.89	19.90	19.98	20.9	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.95	19.92	19.98	20.9	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.94	19.89	19.94	20.9	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.95	20.00	19.94	20.9	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.97	19.96	19.94	20.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	20.98	21.07	21.08	22.1	0.0
45	PI/2 BPSK	1	120	21.00	21.09	20.96		
45	PI/2 BPSK	1	240	21.04	21.06	21.00		
45	PI/2 BPSK	120	0	21.06	21.06	21.05	22.1	0.0
45	PI/2 BPSK	120	60	20.99	21.03	20.98	22.1	0.0
45	PI/2 BPSK	120	120	20.97	21.04	21.02	22.1	0.0
45	PI/2 BPSK	240	0	21.00	21.02	21.07		
45	QPSK	1	1	21.04	21.10	21.07	22.1	0.0
45	QPSK	1	120	21.00	21.00	21.07		
45	QPSK	1	240	21.02	21.01	20.99		
45	QPSK	120	0	20.97	21.05	21.04	22.1	0.0
45	QPSK	120	60	21.02	21.08	21.05	22.1	0.0
45	QPSK	120	120	20.96	21.06	20.97	22.1	0.0
45	QPSK	240	0	21.04	21.07	21.04		
45	16QAM	1	1	21.06	21.09	20.97	22.1	0.0
45	64QAM	1	1	19.67	19.79	19.70	21.5	0.6
45	256QAM	1	1	18.38	18.39	18.26	19.5	2.6
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.00	21.03	20.97	22.1	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.01	20.99	21.03	22.1	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.93	21.00	21.03	22.1	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.02	20.99	20.95	22.1	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.95	21.01	20.99	22.1	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.93	20.98	21.02	22.1	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.97	20.98	20.91	22.1	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.98	20.99	20.93	22.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.07	18.00	18.09	19.2	0.0
100	PI/2 BPSK	1	137	18.02	18.03	18.02		
100	PI/2 BPSK	1	271	18.02	18.01	18.01		
100	PI/2 BPSK	135	0	18.07	18.01	18.02	19.2	0.0
100	PI/2 BPSK	135	69	18.02	18.07	18.09	19.2	0.0
100	PI/2 BPSK	135	138	17.98	18.00	18.03	19.2	0.0
100	PI/2 BPSK	270	0	18.06	18.10	18.07		
100	QPSK	1	1	18.02	18.11	18.07	19.2	0.0
100	QPSK	1	137	18.07	18.05	18.05		
100	QPSK	1	271	18.04	18.04	17.98		
100	QPSK	135	0	18.04	18.05	18.03	19.2	0.0
100	QPSK	135	69	18.04	18.10	18.06	19.2	0.0
100	QPSK	135	138	17.99	18.06	18.06	19.2	0.0
100	QPSK	270	0	18.02	18.06	18.02		
100	16QAM	1	1	18.03	18.03	18.06	19.2	0.0
100	64QAM	1	1	18.04	18.10	18.08	19.2	0.0
100	256QAM	1	1	17.97	18.09	18.02	19.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.93	17.93	17.98	19.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.99	17.97	17.91	19.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.92	17.92	17.93	19.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.98	17.95	17.97	19.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.97	17.94	17.99	19.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.01	17.98	17.89	19.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.97	17.92	17.98	19.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.94	17.96	17.95	19.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.95	18.02	17.92	19.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.00	17.98	17.98	19.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.93	17.95	18.00	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.95		19.2	0.0
100	PI/2 BPSK	1	137		17.99			
100	PI/2 BPSK	1	271		18.00			
100	PI/2 BPSK	135	0		18.06		19.2	0.0
100	PI/2 BPSK	135	69		18.06		19.2	0.0
100	PI/2 BPSK	135	138		18.03		19.2	0.0
100	PI/2 BPSK	270	0		17.96			
100	QPSK	1	1		18.08		19.2	0.0
100	QPSK	1	137		17.98			
100	QPSK	1	271		17.95			
100	QPSK	135	0		17.97		19.2	0.0
100	QPSK	135	69		18.06		19.2	0.0
100	QPSK	135	138		17.98		19.2	0.0
100	QPSK	270	0		18.04			
100	16QAM	1	1		17.97		19.2	0.0
100	64QAM	1	1		17.99		19.2	0.0
100	256QAM	1	1		18.04		19.2	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.93	17.97	17.97	19.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.97	17.97	17.90	19.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.99	17.99	17.90	19.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.96	18.01	17.95	19.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.95	17.92	17.95	19.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.97	17.94	17.97	19.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.92	17.94	17.90	19.2	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.94	18.00	17.92	19.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.91	18.00	17.96	19.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.95	17.99	17.99	19.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.95	17.97	17.95	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.24	15.26	15.13	16.4	0.0
100	PI/2 BPSK	1	137	15.24	15.19	15.19		
100	PI/2 BPSK	1	271	15.26	15.26	15.15		
100	PI/2 BPSK	135	0	15.16	15.18	15.25	16.4	0.0
100	PI/2 BPSK	135	69	15.20	15.14	15.17	16.4	0.0
100	PI/2 BPSK	135	138	15.12	15.15	15.18	16.4	0.0
100	PI/2 BPSK	270	0	15.24	15.14	15.25		
100	QPSK	1	1	15.28	15.30	15.24	16.4	0.0
100	QPSK	1	137	15.22	15.22	15.21		
100	QPSK	1	271	15.22	15.25	15.29		
100	QPSK	135	0	15.15	15.23	15.15	16.4	0.0
100	QPSK	135	69	15.23	15.27	15.26	16.4	0.0
100	QPSK	135	138	15.24	15.22	15.23	16.4	0.0
100	QPSK	270	0	15.21	15.23	15.15		
100	16QAM	1	1	15.10	15.23	15.13	16.4	0.0
100	64QAM	1	1	15.24	15.22	15.14	16.4	0.0
100	256QAM	1	1	15.26	15.26	15.15	16.4	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.11	15.11	15.17	16.4	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.19	15.09	15.12	16.4	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.11	15.12	15.18	16.4	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.08	15.09	15.21	16.4	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.09	15.09	15.17	16.4	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.17	15.14	15.12	16.4	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.16	15.12	15.15	16.4	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.11	15.11	15.20	16.4	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.07	15.14	15.17	16.4	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.07	15.10	15.20	16.4	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.09	15.08	15.13	16.4	0.0

Part27O n78 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.14		16.4	0.0
100	PI/2 BPSK	1	137		15.13			
100	PI/2 BPSK	1	271		15.08			
100	PI/2 BPSK	135	0		15.07		16.4	0.0
100	PI/2 BPSK	135	69		15.11		16.4	0.0
100	PI/2 BPSK	135	138		15.05		16.4	0.0
100	PI/2 BPSK	270	0		15.04			
100	QPSK	1	1		15.25		16.4	0.0
100	QPSK	1	137		15.04			
100	QPSK	1	271		15.21			
100	QPSK	135	0		15.04		16.4	0.0
100	QPSK	135	69		15.22		16.4	0.0
100	QPSK	135	138		15.18		16.4	0.0
100	QPSK	270	0		15.19			
100	16QAM	1	1		15.11		16.4	0.0
100	64QAM	1	1		15.05		16.4	0.0
100	256QAM	1	1		15.11		16.4	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.12	15.09	15.15	16.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.07	15.12	15.17	16.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.10	15.03	15.08	16.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.04	15.12	15.09	16.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.09	15.06	15.09	16.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.12	15.06	15.07	16.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.06	15.13	15.16	16.4	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.11	15.13	15.13	16.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.05	15.10	15.13	16.4	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.11	15.11	15.11	16.4	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.14	15.07	15.08	16.4	0.0

Part27O n77 Ant8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.70	22.77	22.62	23.8	0.0
100	PI/2 BPSK	1	137	22.71	22.83	22.82		
100	PI/2 BPSK	1	271	22.71	22.77	22.67		
100	PI/2 BPSK	135	0	22.20	22.42	22.31	23.5	0.3
100	PI/2 BPSK	135	69	22.79	22.91	22.74	23.8	0.0
100	PI/2 BPSK	135	138	22.23	22.43	22.31	23.5	0.3
100	PI/2 BPSK	270	0	22.23	22.51	22.17		
100	QPSK	1	1	22.85	22.92	22.87	23.8	0.0
100	QPSK	1	137	22.79	22.82	22.74		
100	QPSK	1	271	22.79	22.85	22.74		
100	QPSK	135	0	21.88	21.91	21.81	23.0	0.8
100	QPSK	135	69	22.83	22.91	22.88	23.8	0.0
100	QPSK	135	138	21.97	21.83	21.86	23.0	0.8
100	QPSK	270	0	21.82	21.87	21.85		
100	16QAM	1	1	21.73	21.80	21.73	23.0	0.8
100	64QAM	1	1	20.06	20.20	20.15	21.5	2.3
100	256QAM	1	1	18.57	18.76	18.67	19.5	4.3
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.77	22.83	22.79	23.8	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.75	22.77	22.73	23.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.78	22.72	22.81	23.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.70	22.77	22.72	23.8	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.76	22.73	22.73	23.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.79	22.79	22.73	23.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.73	22.72	22.75	23.8	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.78	22.78	22.79	23.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.77	22.82	22.75	23.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.77	22.73	22.77	23.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.80	22.81	22.80	23.8	0.0

Part27O n78 Ant8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.72		23.8	0.0
100	PI/2 BPSK	1	137		22.76			
100	PI/2 BPSK	1	271		22.69			
100	PI/2 BPSK	135	0		22.40		23.5	0.3
100	PI/2 BPSK	135	69		22.83		23.8	0.0
100	PI/2 BPSK	135	138		22.35		23.5	0.3
100	PI/2 BPSK	270	0		22.35			
100	QPSK	1	1		22.89		23.8	0.0
100	QPSK	1	137		22.85			
100	QPSK	1	271		22.73			
100	QPSK	135	0		21.73		23.0	0.8
100	QPSK	135	69		22.87		23.8	0.0
100	QPSK	135	138		21.84		23.0	0.8
100	QPSK	270	0		21.85			
100	16QAM	1	1		21.65		23.0	0.8
100	64QAM	1	1		20.12		21.5	2.3
100	256QAM	1	1		18.69		19.5	4.3
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.63	22.77	22.60	23.8	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.64	22.77	22.65	23.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.69	22.75	22.59	23.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.61	22.67	22.67	23.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.60	22.77	22.64	23.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.64	22.66	22.55	23.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.57	22.76	22.55	23.8	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.68	22.68	22.65	23.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.65	22.74	22.66	23.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.68	22.68	22.61	23.8	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.60	22.71	22.59	23.8	0.0

Part27O n77 Ant5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.99	18.02	18.01	19.0	0.0
100	PI/2 BPSK	1	137	17.99	17.99	17.96		
100	PI/2 BPSK	1	271	17.97	18.00	17.97		
100	PI/2 BPSK	135	0	17.98	17.99	18.03	19.0	0.0
100	PI/2 BPSK	135	69	18.06	18.05	18.05	19.0	0.0
100	PI/2 BPSK	135	138	18.05	18.03	17.96	19.0	0.0
100	PI/2 BPSK	270	0	17.98	18.07	18.06		
100	QPSK	1	1	18.06	18.09	18.04	19.0	0.0
100	QPSK	1	137	17.99	17.99	18.01		
100	QPSK	1	271	17.98	17.99	17.98		
100	QPSK	135	0	18.02	18.03	18.03	19.0	0.0
100	QPSK	135	69	18.01	18.06	18.01	19.0	0.0
100	QPSK	135	138	18.05	18.04	18.01	19.0	0.0
100	QPSK	270	0	18.04	18.05	18.03		
100	16QAM	1	1	18.06	18.02	18.07	19.0	0.0
100	64QAM	1	1	17.99	18.02	18.06	19.0	0.0
100	256QAM	1	1	17.85	17.90	17.87	19.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.98	17.94	17.97	19.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.96	17.95	17.97	19.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.00	17.91	18.00	19.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.00	17.96	18.01	19.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.93	17.98	17.94	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.00	17.91	18.00	19.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.97	17.99	17.96	19.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.95	17.96	17.94	19.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.95	18.01	18.00	19.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.00	17.94	17.92	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.00	18.01	17.97	19.0	0.0

Part27O n78 Ant5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.97		19.0	0.0
100	PI/2 BPSK	1	137		17.98			
100	PI/2 BPSK	1	271		17.93			
100	PI/2 BPSK	135	0		17.96		19.0	0.0
100	PI/2 BPSK	135	69		18.02		19.0	0.0
100	PI/2 BPSK	135	138		18.03		19.0	0.0
100	PI/2 BPSK	270	0		18.01			
100	QPSK	1	1		18.04		19.0	0.0
100	QPSK	1	137		17.93			
100	QPSK	1	271		17.98			
100	QPSK	135	0		17.98		19.0	0.0
100	QPSK	135	69		18.03		19.0	0.0
100	QPSK	135	138		17.99		19.0	0.0
100	QPSK	270	0		18.01			
100	16QAM	1	1		18.03		19.0	0.0
100	64QAM	1	1		17.95		19.0	0.0
100	256QAM	1	1		17.82		19.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.92	17.93	17.93	19.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.96	17.97	17.91	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.93	17.92	18.00	19.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.93	18.02	17.96	19.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.02	17.94	17.90	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.99	17.99	17.95	19.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.93	17.98	17.98	19.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.94	18.03	18.00	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.97	17.96	17.92	19.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.96	17.96	18.00	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.93	17.92	17.97	19.0	0.0

Reduced Power Mode for ECI4

n5 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.54	22.62	22.48	24.0	0.0
20	PI/2 BPSK	1	53	22.53	22.69	22.54		
20	PI/2 BPSK	1	104	22.54	22.61	22.54		
20	PI/2 BPSK	50	0	22.09	22.23	22.14	23.5	0.5
20	PI/2 BPSK	50	28	22.62	22.71	22.61	24.0	0.0
20	PI/2 BPSK	50	56	22.09	22.24	22.09	23.5	0.5
20	PI/2 BPSK	100	0	22.11	22.22	22.07		
20	QPSK	1	1	22.64	22.73	22.67	24.0	0.0
20	QPSK	1	53	22.60	22.65	22.60		
20	QPSK	1	104	22.58	22.63	22.54		
20	QPSK	50	0	21.62	21.69	21.63	23.0	1.0
20	QPSK	50	28	22.68	22.72	22.66	24.0	0.0
20	QPSK	50	56	21.68	21.72	21.64	23.0	1.0
20	QPSK	100	0	21.66	21.71	21.63		
20	16QAM	1	1	21.34	21.38	21.28	23.0	1.0
20	64QAM	1	1	19.85	19.98	19.86	21.5	2.5
20	256QAM	1	1	18.47	18.59	18.45	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.60	22.60	22.54	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.48	22.59	22.54	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.54	22.60	22.52	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.58	22.58	22.47	24.0	0.0
20	PI/2 BPSK	1	53	22.50	22.72	22.50		
20	PI/2 BPSK	1	104	22.50	22.61	22.54		
20	PI/2 BPSK	50	0	22.07	22.27	22.19	23.5	0.5
20	PI/2 BPSK	50	28	22.58	22.66	22.65	24.0	0.0
20	PI/2 BPSK	50	56	22.03	22.22	22.05	23.5	0.5
20	PI/2 BPSK	100	0	22.15	22.26	22.06		
20	QPSK	1	1	22.65	22.75	22.68	24.0	0.0
20	QPSK	1	53	22.60	22.62	22.58		
20	QPSK	1	104	22.58	22.64	22.51		
20	QPSK	50	0	21.58	21.67	21.58	23.0	1.0
20	QPSK	50	28	22.63	22.73	22.64	24.0	0.0
20	QPSK	50	56	21.62	21.77	21.63	23.0	1.0
20	QPSK	100	0	21.70	21.71	21.63		
20	16QAM	1	1	21.35	21.34	21.29	23.0	1.0
20	64QAM	1	1	19.79	19.95	19.87	21.5	2.5
20	256QAM	1	1	18.53	18.54	18.47	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.65	22.72	22.71	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.60	22.71	22.62	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.62	22.70	22.62	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.59	22.69	22.52	24.0	0.0
40	PI/2 BPSK	1	53	22.56	22.76	22.57		
40	PI/2 BPSK	1	104	22.64	22.69	22.64		
40	PI/2 BPSK	50	0	22.09	22.22	22.16	23.5	0.5
40	PI/2 BPSK	50	28	22.64	22.72	22.68	24.0	0.0
40	PI/2 BPSK	50	56	22.15	22.28	22.20	23.5	0.5
40	PI/2 BPSK	100	0	22.17	22.32	22.09		
40	QPSK	1	1	22.67	22.73	22.72	24.0	0.0
40	QPSK	1	53	22.61	22.69	22.68		
40	QPSK	1	104	22.68	22.69	22.60		
40	QPSK	50	0	21.72	21.75	21.74	23.0	1.0
40	QPSK	50	28	22.76	22.77	22.70	24.0	0.0
40	QPSK	50	56	21.78	21.76	21.74	23.0	1.0
40	QPSK	100	0	21.71	21.75	21.64		
40	16QAM	1	1	21.45	21.39	21.29	23.0	1.0
40	64QAM	1	1	19.94	20.00	19.95	21.5	2.5
40	256QAM	1	1	18.54	18.64	18.55	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.59	22.62	22.68	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.66	22.66	22.58	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.66	22.62	22.62	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.68	22.62	22.65	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.64	22.65	22.68	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.62	22.67	22.47	24.0	0.0
100	PI/2 BPSK	1	137	22.63	22.77	22.55		
100	PI/2 BPSK	1	271	22.60	22.70	22.58		
100	PI/2 BPSK	135	0	22.09	22.29	22.17	23.5	0.5
100	PI/2 BPSK	135	69	22.69	22.76	22.69	24.0	0.0
100	PI/2 BPSK	135	138	22.10	22.26	22.09	23.5	0.5
100	PI/2 BPSK	270	0	22.13	22.29	22.14		
100	QPSK	1	1	22.75	22.82	22.72	24.0	0.0
100	QPSK	1	137	22.59	22.71	22.67		
100	QPSK	1	271	22.57	22.69	22.62		
100	QPSK	135	0	21.72	21.71	21.67	23.0	1.0
100	QPSK	135	69	22.74	22.78	22.73	24.0	0.0
100	QPSK	135	138	21.68	21.76	21.75	23.0	1.0
100	QPSK	270	0	21.66	21.71	21.65		
100	16QAM	1	1	21.34	21.42	21.37	23.0	1.0
100	64QAM	1	1	19.85	20.02	19.91	21.5	2.5
100	256QAM	1	1	18.56	18.59	18.44	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.68	22.63	22.65	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.65	22.72	22.69	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.65	22.69	22.67	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.59	22.62	22.66	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.68	22.67	22.67	24.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	22.65	22.72	22.69	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.65	22.62	22.60	24.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	22.68	22.63	22.65	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.69	22.67	22.67	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	22.61	22.68	22.60	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.64	22.72	22.61	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.60	22.65	22.66	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.61	22.68	22.60	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	20.66	20.67	20.60	22.0	0.0
40	PI/2 BPSK	1	108	20.62	20.80	20.69		
40	PI/2 BPSK	1	214	20.67	20.69	20.69		
40	PI/2 BPSK	108	0	20.14	20.35	20.22	21.5	0.5
40	PI/2 BPSK	108	54	20.77	20.85	20.73	22.0	0.0
40	PI/2 BPSK	108	108	20.17	20.34	20.21	21.5	0.5
40	PI/2 BPSK	216	0	20.26	20.29	20.20		
40	QPSK	1	1	20.78	20.87	20.83	22.0	0.0
40	QPSK	1	108	20.74	20.79	20.72		
40	QPSK	1	214	20.73	20.69	20.64		
40	QPSK	108	0	19.74	19.84	19.73	21.0	1.0
40	QPSK	108	54	20.82	20.85	20.74	22.0	0.0
40	QPSK	108	108	19.75	19.85	19.68	21.0	1.0
40	QPSK	216	0	19.74	19.86	19.78		
40	16QAM	1	1	19.46	19.46	19.39	21.0	1.0
40	64QAM	1	1	17.95	18.07	17.94	19.5	2.5
40	256QAM	1	1	16.61	16.70	16.53	17.5	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	20.77	20.85	20.73	22.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	20.66	20.67	20.60	22.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	20.72	20.76	20.75	22.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	20.68	20.76	20.73	22.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.75	20.82	20.75	22.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.79	20.81	20.71	22.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.73	20.79	20.74	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.48	22.47	22.43	24.0	0.0
20	PI/2 BPSK	1	53	22.43	22.63	22.45		
20	PI/2 BPSK	1	104	22.45	22.49	22.45		
20	PI/2 BPSK	50	0	21.98	22.17	22.07	23.5	0.5
20	PI/2 BPSK	50	28	22.46	22.64	22.52	24.0	0.0
20	PI/2 BPSK	50	56	21.95	22.12	21.98	23.5	0.5
20	PI/2 BPSK	100	0	22.02	22.08	21.97		
20	QPSK	1	1	22.54	22.65	22.57	24.0	0.0
20	QPSK	1	53	22.52	22.60	22.50		
20	QPSK	1	104	22.44	22.49	22.49		
20	QPSK	50	0	21.57	21.61	21.56	23.0	1.0
20	QPSK	50	28	22.56	22.63	22.51	24.0	0.0
20	QPSK	50	56	21.55	21.61	21.60	23.0	1.0
20	QPSK	100	0	21.54	21.61	21.58		
20	16QAM	1	1	21.21	21.29	21.16	23.0	1.0
20	64QAM	1	1	19.79	19.84	19.77	21.5	2.5
20	256QAM	1	1	18.32	18.49	18.37	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.53	22.55	22.59	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.51	22.52	22.56	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.49	22.60	22.58	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.61	20.58	20.54	22.0	0.0
50	PI/2 BPSK	1	135	20.52	20.68	20.52		
50	PI/2 BPSK	1	268	20.54	20.65	20.57		
50	PI/2 BPSK	135	0	20.05	20.28	20.14	21.5	0.5
50	PI/2 BPSK	135	68	20.61	20.70	20.64	22.0	0.0
50	PI/2 BPSK	135	135	20.11	20.21	20.12	21.5	0.5
50	PI/2 BPSK	270	0	20.10	20.26	20.13		
50	QPSK	1	1	20.65	20.77	20.72	22.0	0.0
50	QPSK	1	135	20.59	20.63	20.63		
50	QPSK	1	268	20.60	20.69	20.58		
50	QPSK	135	0	19.57	19.64	19.64	21.0	1.0
50	QPSK	135	68	20.72	20.74	20.67	22.0	0.0
50	QPSK	135	135	19.69	19.75	19.61	21.0	1.0
50	QPSK	270	0	19.64	19.73	19.69		
50	16QAM	1	1	19.38	19.38	19.31	21.0	1.0
50	64QAM	1	1	17.83	18.04	17.89	19.5	2.5
50	256QAM	1	1	16.52	16.61	16.41	17.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.69	20.69	20.70	22.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	20.60	20.69	20.60	22.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.60	20.65	20.69	22.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.64	20.69	20.60	22.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.61	20.66	20.62	22.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.69	20.71	20.67	22.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.60	20.69	20.60	22.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.70	20.73	20.60	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.43	22.48	22.43	24.0	0.0
20	PI/2 BPSK	1	53	22.40	22.58	22.48		
20	PI/2 BPSK	1	104	22.42	22.55	22.41		
20	PI/2 BPSK	50	0	21.99	22.10	22.08	23.5	0.5
20	PI/2 BPSK	50	28	22.46	22.65	22.48	24.0	0.0
20	PI/2 BPSK	50	56	22.01	22.20	22.02	23.5	0.5
20	PI/2 BPSK	100	0	22.02	22.14	21.94		
20	QPSK	1	1	22.59	22.69	22.63	24.0	0.0
20	QPSK	1	53	22.46	22.61	22.46		
20	QPSK	1	104	22.47	22.56	22.48		
20	QPSK	50	0	21.47	21.54	21.57	23.0	1.0
20	QPSK	50	28	22.54	22.63	22.58	24.0	0.0
20	QPSK	50	56	21.60	21.57	21.51	23.0	1.0
20	QPSK	100	0	21.52	21.62	21.58		
20	16QAM	1	1	21.22	21.22	21.15	23.0	1.0
20	64QAM	1	1	19.78	19.91	19.75	21.5	2.5
20	256QAM	1	1	18.43	18.46	18.41	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.53	22.62	22.58	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.53	22.57	22.51	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.55	22.52	22.56	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	20.59	20.73	20.59	22.0	0.0
45	PI/2 BPSK	1	120	20.62	20.74	20.59		
45	PI/2 BPSK	1	240	20.64	20.63	20.64		
45	PI/2 BPSK	120	0	20.12	20.30	20.15	21.5	0.5
45	PI/2 BPSK	120	60	20.69	20.78	20.68	22.0	0.0
45	PI/2 BPSK	120	120	20.10	20.26	20.14	21.5	0.5
45	PI/2 BPSK	240	0	20.18	20.28	20.11		
45	QPSK	1	1	20.75	20.79	20.74	22.0	0.0
45	QPSK	1	120	20.61	20.74	20.66		
45	QPSK	1	240	20.62	20.65	20.61		
45	QPSK	120	0	19.74	19.69	19.71	21.0	1.0
45	QPSK	120	60	20.77	20.78	20.69	22.0	0.0
45	QPSK	120	120	19.71	19.81	19.69	21.0	1.0
45	QPSK	240	0	19.72	19.75	19.71		
45	16QAM	1	1	19.40	19.45	19.39	21.0	1.0
45	64QAM	1	1	17.88	18.03	17.94	19.5	2.5
45	256QAM	1	1	16.54	16.62	16.55	17.5	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	20.64	20.63	20.64	22.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	20.64	20.77	20.75	22.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.75	20.77	20.66	22.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.71	20.78	20.71	22.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.66	20.72	20.76	22.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.75	20.78	20.64	22.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.64	20.77	20.75	22.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.67	20.74	20.71	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.53	22.65	22.49	24.0	0.0
40	PI/2 BPSK	1	53	22.52	22.70	22.49		
40	PI/2 BPSK	1	104	22.51	22.63	22.56		
40	PI/2 BPSK	50	0	22.12	22.25	22.18	23.5	0.5
40	PI/2 BPSK	50	28	22.67	22.72	22.63	24.0	0.0
40	PI/2 BPSK	50	56	22.04	22.25	22.12	23.5	0.5
40	PI/2 BPSK	100	0	22.17	22.17	22.07		
40	QPSK	1	1	22.59	22.75	22.72	24.0	0.0
40	QPSK	1	53	22.61	22.60	22.62		
40	QPSK	1	104	22.55	22.62	22.56		
40	QPSK	50	0	21.58	21.69	21.58	23.0	1.0
40	QPSK	50	28	22.66	22.68	22.63	24.0	0.0
40	QPSK	50	56	21.67	21.69	21.59	23.0	1.0
40	QPSK	100	0	21.68	21.73	21.69		
40	16QAM	1	1	21.34	21.36	21.31	23.0	1.0
40	64QAM	1	1	19.84	19.94	19.91	21.5	2.5
40	256QAM	1	1	18.44	18.55	18.41	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.69	22.71	22.67	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.61	22.64	22.61	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.61	22.73	22.59	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.61	22.62	22.63	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.66	22.61	22.70	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.50	22.60	22.52	24.0	0.0
100	PI/2 BPSK	1	137	22.57	22.71	22.55		
100	PI/2 BPSK	1	271	22.57	22.60	22.53		
100	PI/2 BPSK	135	0	22.14	22.18	22.10	23.5	0.5
100	PI/2 BPSK	135	69	22.63	22.68	22.64	24.0	0.0
100	PI/2 BPSK	135	138	22.14	22.21	22.13	23.5	0.5
100	PI/2 BPSK	270	0	22.17	22.17	22.03		
100	QPSK	1	1	22.63	22.79	22.72	24.0	0.0
100	QPSK	1	137	22.65	22.68	22.61		
100	QPSK	1	271	22.56	22.67	22.58		
100	QPSK	135	0	21.58	21.64	21.66	23.0	1.0
100	QPSK	135	69	22.69	22.73	22.71	24.0	0.0
100	QPSK	135	138	21.66	21.75	21.62	23.0	1.0
100	QPSK	270	0	21.66	21.69	21.67		
100	16QAM	1	1	21.35	21.36	21.27	23.0	1.0
100	64QAM	1	1	19.86	19.92	19.83	21.5	2.5
100	256QAM	1	1	18.49	18.55	18.45	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.62	22.67	22.65	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.65	22.69	22.67	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.61	22.67	22.65	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.68	22.62	22.66	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.65	22.66	22.61	24.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	22.61	22.67	22.65	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.68	22.69	22.69	24.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	22.65	22.68	22.61	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.70	22.70	22.60	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	22.57	22.60	22.53	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.66	22.68	22.67	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.66	22.72	22.69	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.63	22.71	22.68	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.26	22.42	22.18	24.0	0.0
40	PI/2 BPSK	1	108	22.32	22.46	22.27		
40	PI/2 BPSK	1	214	22.31	22.41	22.27		
40	PI/2 BPSK	108	0	21.84	22.04	21.93	23.5	0.5
40	PI/2 BPSK	108	54	22.32	22.48	22.37	24.0	0.0
40	PI/2 BPSK	108	108	21.79	22.02	21.85	23.5	0.5
40	PI/2 BPSK	216	0	21.85	21.92	21.77		
40	QPSK	1	1	22.44	22.49	22.46	24.0	0.0
40	QPSK	1	108	22.36	22.46	22.37		
40	QPSK	1	214	22.30	22.38	22.30		
40	QPSK	108	0	21.34	21.47	21.42	23.0	1.0
40	QPSK	108	54	22.45	22.47	22.43	24.0	0.0
40	QPSK	108	108	21.38	21.42	21.38	23.0	1.0
40	QPSK	216	0	21.42	21.46	21.38		
40	16QAM	1	1	21.24	21.37	21.37	23.0	1.0
40	64QAM	1	1	19.57	19.68	19.56	21.5	2.5
40	256QAM	1	1	18.22	18.36	18.26	19.5	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	22.40	22.43	22.34	24.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.43	22.40	22.42	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.40	22.43	22.34	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.43	22.40	22.42	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.35	22.42	22.44	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.45	22.37	22.37	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.43	22.48	22.37	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.23	22.43	22.24	24.0	0.0
50	PI/2 BPSK	1	135	22.30	22.39	22.24		
50	PI/2 BPSK	1	268	22.34	22.39	22.30		
50	PI/2 BPSK	135	0	21.79	21.98	21.84	23.5	0.5
50	PI/2 BPSK	135	68	22.36	22.47	22.40	24.0	0.0
50	PI/2 BPSK	135	135	21.85	22.02	21.83	23.5	0.5
50	PI/2 BPSK	270	0	21.84	21.94	21.81		
50	QPSK	1	1	22.43	22.48	22.45	24.0	0.0
50	QPSK	1	135	22.37	22.41	22.38		
50	QPSK	1	268	22.37	22.44	22.32		
50	QPSK	135	0	21.36	21.45	21.38	23.0	1.0
50	QPSK	135	68	22.45	22.46	22.41	24.0	0.0
50	QPSK	135	135	21.43	21.42	21.37	23.0	1.0
50	QPSK	270	0	21.38	21.45	21.40		
50	16QAM	1	1	21.31	21.28	21.35	23.0	1.0
50	64QAM	1	1	19.56	19.72	19.62	21.5	2.5
50	256QAM	1	1	18.22	18.39	18.26	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.37	22.39	22.40	24.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	22.36	22.47	22.44	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.40	22.47	22.37	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.33	22.41	22.42	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.43	22.47	22.42	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.38	22.45	22.34	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.36	22.47	22.44	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.36	22.47	22.35	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	22.41	22.48	22.28	24.0	0.0
45	PI/2 BPSK	1	120	22.35	22.55	22.41		
45	PI/2 BPSK	1	240	22.45	22.46	22.41		
45	PI/2 BPSK	120	0	21.97	22.06	21.95	23.5	0.5
45	PI/2 BPSK	120	60	22.45	22.57	22.44	24.0	0.0
45	PI/2 BPSK	120	120	21.99	22.09	21.90	23.5	0.5
45	PI/2 BPSK	240	0	21.96	22.04	21.95		
45	QPSK	1	1	22.43	22.60	22.58	24.0	0.0
45	QPSK	1	120	22.41	22.48	22.44		
45	QPSK	1	240	22.38	22.49	22.41		
45	QPSK	120	0	21.50	21.49	21.43	23.0	1.0
45	QPSK	120	60	22.58	22.59	22.53	24.0	0.0
45	QPSK	120	120	21.51	21.62	21.52	23.0	1.0
45	QPSK	240	0	21.53	21.55	21.51		
45	16QAM	1	1	21.45	21.47	21.33	23.0	1.0
45	64QAM	1	1	19.67	19.79	19.70	21.5	2.5
45	256QAM	1	1	18.38	18.39	18.26	19.5	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.35	22.55	22.41	24.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.43	22.38	22.35	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.40	22.48	22.38	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.41	22.48	22.34	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.41	22.41	22.42	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.43	22.38	22.35	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.37	22.47	22.40	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.41	22.37	22.35	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.50	18.54	18.53	19.7	0.0
100	PI/2 BPSK	1	137	18.49	18.53	18.55		
100	PI/2 BPSK	1	271	18.49	18.55	18.50		
100	PI/2 BPSK	135	0	18.56	18.51	18.51	19.7	0.0
100	PI/2 BPSK	135	69	18.53	18.49	18.48	19.7	0.0
100	PI/2 BPSK	135	138	18.51	18.60	18.52	19.7	0.0
100	PI/2 BPSK	270	0	18.48	18.50	18.49		
100	QPSK	1	1	18.57	18.61	18.59	19.7	0.0
100	QPSK	1	137	18.48	18.52	18.52		
100	QPSK	1	271	18.57	18.51	18.49		
100	QPSK	135	0	18.53	18.54	18.55	19.7	0.0
100	QPSK	135	69	18.55	18.59	18.52	19.7	0.0
100	QPSK	135	138	18.48	18.52	18.50	19.7	0.0
100	QPSK	270	0	18.53	18.58	18.48		
100	16QAM	1	1	18.53	18.58	18.53	19.7	0.0
100	64QAM	1	1	18.51	18.59	18.56	19.7	0.0
100	256QAM	1	1	18.26	18.43	18.20	19.5	0.2
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.54	18.44	18.48	19.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.51	18.52	18.46	19.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.53	18.44	18.46	19.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.54	18.44	18.53	19.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.46	18.48	18.52	19.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.52	18.44	18.46	19.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.46	18.48	18.42	19.7	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.53	18.46	18.52	19.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.46	18.52	18.49	19.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.45	18.50	18.50	19.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.49	18.55	18.46	19.7	0.0

Part27O n78 Ant7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.50		19.7	0.0
100	PI/2 BPSK	1	137		18.51			
100	PI/2 BPSK	1	271		18.53			
100	PI/2 BPSK	135	0		18.46		19.7	0.0
100	PI/2 BPSK	135	69		18.55		19.7	0.0
100	PI/2 BPSK	135	138		18.49		19.7	0.0
100	PI/2 BPSK	270	0		18.53			
100	QPSK	1	1		18.58		19.7	0.0
100	QPSK	1	137		18.55			
100	QPSK	1	271		18.54			
100	QPSK	135	0		18.44		19.7	0.0
100	QPSK	135	69		18.56		19.7	0.0
100	QPSK	135	138		18.49		19.7	0.0
100	QPSK	270	0		18.51			
100	16QAM	1	1		18.52		19.7	0.0
100	64QAM	1	1		18.44		19.7	0.0
100	256QAM	1	1		18.39		19.5	0.2
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.46	18.51	18.50	19.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.44	18.48	18.45	19.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.51	18.51	18.45	19.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.43	18.50	18.48	19.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.53	18.49	18.47	19.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.47	18.55	18.43	19.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.48	18.55	18.45	19.7	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.50	18.53	18.44	19.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.43	18.56	18.44	19.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.44	18.48	18.50	19.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.52	18.50	18.43	19.7	0.0

Part27O n77 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.48	22.64	22.48	24.0	0.0
100	PI/2 BPSK	1	137	22.59	22.71	22.59		
100	PI/2 BPSK	1	271	22.54	22.64	22.51		
100	PI/2 BPSK	135	0	22.06	22.22	22.20	23.5	0.5
100	PI/2 BPSK	135	69	22.60	22.73	22.65	24.0	0.0
100	PI/2 BPSK	135	138	22.12	22.25	22.08	23.5	0.5
100	PI/2 BPSK	270	0	22.13	22.18	22.02		
100	QPSK	1	1	22.68	22.74	22.71	24.0	0.0
100	QPSK	1	137	22.60	22.64	22.64		
100	QPSK	1	271	22.62	22.68	22.56		
100	QPSK	135	0	21.64	21.67	21.62	23.0	1.0
100	QPSK	135	69	22.71	22.72	22.66	24.0	0.0
100	QPSK	135	138	21.71	21.69	21.60	23.0	1.0
100	QPSK	270	0	21.67	21.68	21.66		
100	16QAM	1	1	21.54	21.61	21.59	23.0	1.0
100	64QAM	1	1	19.82	19.95	19.81	21.5	2.5
100	256QAM	1	1	18.51	18.60	18.48	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.68	22.66	22.59	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.60	22.68	22.70	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.70	22.69	22.69	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.63	22.64	22.68	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.59	22.72	22.66	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.69	22.63	22.66	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.67	22.65	22.66	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.63	22.63	22.66	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.66	22.62	22.62	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.61	22.67	22.66	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.65	22.61	22.62	24.0	0.0

Part27O n78 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.68		24.0	0.0
100	PI/2 BPSK	1	137		22.52			
100	PI/2 BPSK	1	271		22.52			
100	PI/2 BPSK	135	0		22.17		23.5	0.5
100	PI/2 BPSK	135	69		22.61		24.0	0.0
100	PI/2 BPSK	135	138		22.06		23.5	0.5
100	PI/2 BPSK	270	0		22.07			
100	QPSK	1	1		22.70		24.0	0.0
100	QPSK	1	137		22.52			
100	QPSK	1	271		22.55			
100	QPSK	135	0		21.69		23.0	1.0
100	QPSK	135	69		22.66		24.0	0.0
100	QPSK	135	138		21.61		23.0	1.0
100	QPSK	270	0		21.63			
100	16QAM	1	1		21.42		23.0	1.0
100	64QAM	1	1		19.99		21.5	2.5
100	256QAM	1	1		18.61		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.55	22.57	22.53	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.63	22.67	22.62	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.60	22.68	22.55	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.64	22.68	22.61	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.58	22.62	22.55	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.54	22.67	22.65	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.54	22.62	22.59	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.57	22.59	22.57	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.61	22.57	22.64	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.65	22.62	22.58	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.53	22.61	22.53	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.70	22.77	22.62	24.0	0.0
100	PI/2 BPSK	1	137	22.71	22.83	22.82		
100	PI/2 BPSK	1	271	22.71	22.77	22.67		
100	PI/2 BPSK	135	0	22.20	22.42	22.31	23.5	0.5
100	PI/2 BPSK	135	69	22.79	22.91	22.74	24.0	0.0
100	PI/2 BPSK	135	138	22.23	22.43	22.31	23.5	0.5
100	PI/2 BPSK	270	0	22.23	22.51	22.17		
100	QPSK	1	1	22.85	22.92	22.87	24.0	0.0
100	QPSK	1	137	22.79	22.82	22.74		
100	QPSK	1	271	22.79	22.85	22.74		
100	QPSK	135	0	21.88	21.91	21.81	23.0	1.0
100	QPSK	135	69	22.83	22.91	22.88	24.0	0.0
100	QPSK	135	138	21.97	21.83	21.86	23.0	1.0
100	QPSK	270	0	21.82	21.87	21.85		
100	16QAM	1	1	21.73	21.80	21.73	23.0	1.0
100	64QAM	1	1	20.06	20.20	20.15	21.5	2.5
100	256QAM	1	1	18.57	18.76	18.67	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.77	22.83	22.79	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.75	22.77	22.73	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.78	22.72	22.81	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.70	22.77	22.72	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.76	22.73	22.73	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.79	22.79	22.73	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.73	22.72	22.75	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.78	22.78	22.79	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.77	22.82	22.75	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.77	22.73	22.77	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.80	22.81	22.80	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.72		24.0	0.0
100	PI/2 BPSK	1	137		22.76			
100	PI/2 BPSK	1	271		22.69			
100	PI/2 BPSK	135	0		22.40		23.5	0.5
100	PI/2 BPSK	135	69		22.83		24.0	0.0
100	PI/2 BPSK	135	138		22.35		23.5	0.5
100	PI/2 BPSK	270	0		22.35			
100	QPSK	1	1		22.89		24.0	0.0
100	QPSK	1	137		22.85			
100	QPSK	1	271		22.73			
100	QPSK	135	0		21.73		23.0	1.0
100	QPSK	135	69		22.87		24.0	0.0
100	QPSK	135	138		21.84		23.0	1.0
100	QPSK	270	0		21.85			
100	16QAM	1	1		21.65		23.0	1.0
100	64QAM	1	1		20.12		21.5	2.5
100	256QAM	1	1		18.69		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.63	22.77	22.60	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.64	22.77	22.65	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.69	22.75	22.59	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.61	22.67	22.67	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.60	22.77	22.64	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.64	22.66	22.55	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.57	22.76	22.55	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.68	22.68	22.65	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.65	22.74	22.66	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.68	22.68	22.61	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.60	22.71	22.59	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.41	22.59	22.33	24.0	0.0
100	PI/2 BPSK	1	137	22.40	22.59	22.47		
100	PI/2 BPSK	1	271	22.37	22.50	22.47		
100	PI/2 BPSK	135	0	21.89	22.10	21.96	23.5	0.5
100	PI/2 BPSK	135	69	22.42	22.59	22.49	24.0	0.0
100	PI/2 BPSK	135	138	21.97	22.07	21.99	23.5	0.5
100	PI/2 BPSK	270	0	21.96	22.13	22.02		
100	QPSK	1	1	22.62	22.63	22.58	24.0	0.0
100	QPSK	1	137	22.44	22.56	22.50		
100	QPSK	1	271	22.48	22.51	22.49		
100	QPSK	135	0	21.59	21.45	21.46	23.0	1.0
100	QPSK	135	69	22.53	22.62	22.57	24.0	0.0
100	QPSK	135	138	21.60	21.59	21.53	23.0	1.0
100	QPSK	270	0	21.56	21.61	21.52		
100	16QAM	1	1	21.42	21.46	21.44	23.0	1.0
100	64QAM	1	1	19.77	19.81	19.74	21.5	2.5
100	256QAM	1	1	18.35	18.40	18.37	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.43	22.60	22.44	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.50	22.59	22.48	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.54	22.58	22.51	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.49	22.52	22.49	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.46	22.54	22.53	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.44	22.60	22.49	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.52	22.61	22.48	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.46	22.51	22.51	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.49	22.58	22.52	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.46	22.55	22.52	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.44	22.59	22.52	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.48		24.0	0.0
100	PI/2 BPSK	1	137		22.47			
100	PI/2 BPSK	1	271		22.42			
100	PI/2 BPSK	135	0		22.13		23.5	0.5
100	PI/2 BPSK	135	69		22.51		24.0	0.0
100	PI/2 BPSK	135	138		21.96		23.5	0.5
100	PI/2 BPSK	270	0		22.10			
100	QPSK	1	1		22.59		24.0	0.0
100	QPSK	1	137		22.40			
100	QPSK	1	271		22.48			
100	QPSK	135	0		21.45		23.0	1.0
100	QPSK	135	69		22.55		24.0	0.0
100	QPSK	135	138		21.42		23.0	1.0
100	QPSK	270	0		21.53			
100	16QAM	1	1		21.37		23.0	1.0
100	64QAM	1	1		19.70		21.5	2.5
100	256QAM	1	1		18.32		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.45	22.49	22.49	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.39	22.54	22.50	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.41	22.48	22.48	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.50	22.50	22.43	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.42	22.48	22.42	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.41	22.45	22.41	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.51	22.48	22.42	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.45	22.51	22.40	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.42	22.53	22.51	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.42	22.49	22.50	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.48	22.55	22.48	24.0	0.0

Reduced Power Mode for ECI6

n5 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.54	22.62	22.48	24.0	0.0
20	PI/2 BPSK	1	53	22.53	22.69	22.54		
20	PI/2 BPSK	1	104	22.54	22.61	22.54		
20	PI/2 BPSK	50	0	22.09	22.23	22.14	23.5	0.5
20	PI/2 BPSK	50	28	22.62	22.71	22.61	24.0	0.0
20	PI/2 BPSK	50	56	22.09	22.24	22.09	23.5	0.5
20	PI/2 BPSK	100	0	22.11	22.22	22.07		
20	QPSK	1	1	22.64	22.73	22.67	24.0	0.0
20	QPSK	1	53	22.60	22.65	22.60		
20	QPSK	1	104	22.58	22.63	22.54		
20	QPSK	50	0	21.62	21.69	21.63	23.0	1.0
20	QPSK	50	28	22.68	22.72	22.66	24.0	0.0
20	QPSK	50	56	21.68	21.72	21.64	23.0	1.0
20	QPSK	100	0	21.66	21.71	21.63		
20	16QAM	1	1	21.34	21.38	21.28	23.0	1.0
20	64QAM	1	1	19.85	19.98	19.86	21.5	2.5
20	256QAM	1	1	18.47	18.59	18.45	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.60	22.60	22.54	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.48	22.59	22.54	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.54	22.60	22.52	24.0	0.0

n26 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.58	22.58	22.47	24.0	0.0
20	PI/2 BPSK	1	53	22.50	22.72	22.50		
20	PI/2 BPSK	1	104	22.50	22.61	22.54		
20	PI/2 BPSK	50	0	22.07	22.27	22.19	23.5	0.5
20	PI/2 BPSK	50	28	22.58	22.66	22.65	24.0	0.0
20	PI/2 BPSK	50	56	22.03	22.22	22.05	23.5	0.5
20	PI/2 BPSK	100	0	22.15	22.26	22.06		
20	QPSK	1	1	22.65	22.75	22.68	24.0	0.0
20	QPSK	1	53	22.60	22.62	22.58		
20	QPSK	1	104	22.58	22.64	22.51		
20	QPSK	50	0	21.58	21.67	21.58	23.0	1.0
20	QPSK	50	28	22.63	22.73	22.64	24.0	0.0
20	QPSK	50	56	21.62	21.77	21.63	23.0	1.0
20	QPSK	100	0	21.70	21.71	21.63		
20	16QAM	1	1	21.35	21.34	21.29	23.0	1.0
20	64QAM	1	1	19.79	19.95	19.87	21.5	2.5
20	256QAM	1	1	18.53	18.54	18.47	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.65	22.72	22.71	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.60	22.71	22.62	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.62	22.70	22.62	24.0	0.0

n38 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.59	22.69	22.52	23.7	0.0
40	PI/2 BPSK	1	53	22.56	22.76	22.57		
40	PI/2 BPSK	1	104	22.64	22.69	22.64		
40	PI/2 BPSK	50	0	22.09	22.22	22.16	23.5	0.2
40	PI/2 BPSK	50	28	22.64	22.72	22.68	23.7	0.0
40	PI/2 BPSK	50	56	22.15	22.28	22.20	23.5	0.2
40	PI/2 BPSK	100	0	22.17	22.32	22.09		
40	QPSK	1	1	22.67	22.73	22.72	23.7	0.0
40	QPSK	1	53	22.61	22.69	22.68		
40	QPSK	1	104	22.68	22.69	22.60		
40	QPSK	50	0	21.72	21.75	21.74	23.0	0.7
40	QPSK	50	28	22.76	22.77	22.70	23.7	0.0
40	QPSK	50	56	21.78	21.76	21.74	23.0	0.7
40	QPSK	100	0	21.71	21.75	21.64		
40	16QAM	1	1	21.45	21.39	21.29	23.0	0.7
40	64QAM	1	1	19.94	20.00	19.95	21.5	2.2
40	256QAM	1	1	18.54	18.64	18.55	19.5	4.2
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.59	22.62	22.68	23.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.66	22.66	22.58	23.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.66	22.62	22.62	23.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.68	22.62	22.65	23.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.64	22.65	22.68	23.7	0.0

n41 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.62	22.67	22.47	23.7	0.0
100	PI/2 BPSK	1	137	22.63	22.77	22.55		
100	PI/2 BPSK	1	271	22.60	22.70	22.58		
100	PI/2 BPSK	135	0	22.09	22.29	22.17	23.5	0.2
100	PI/2 BPSK	135	69	22.69	22.76	22.69	23.7	0.0
100	PI/2 BPSK	135	138	22.10	22.26	22.09	23.5	0.2
100	PI/2 BPSK	270	0	22.13	22.29	22.14		
100	QPSK	1	1	22.75	22.82	22.72	23.7	0.0
100	QPSK	1	137	22.59	22.71	22.67		
100	QPSK	1	271	22.57	22.69	22.62		
100	QPSK	135	0	21.72	21.71	21.67	23.0	0.7
100	QPSK	135	69	22.74	22.78	22.73	23.7	0.0
100	QPSK	135	138	21.68	21.76	21.75	23.0	0.7
100	QPSK	270	0	21.66	21.71	21.65		
100	16QAM	1	1	21.34	21.42	21.37	23.0	0.7
100	64QAM	1	1	19.85	20.02	19.91	21.5	2.2
100	256QAM	1	1	18.56	18.59	18.44	19.5	4.2
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.68	22.63	22.65	23.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.65	22.72	22.69	23.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.65	22.69	22.67	23.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.59	22.62	22.66	23.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.68	22.67	22.67	23.7	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	22.65	22.72	22.69	23.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.65	22.62	22.60	23.7	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	22.68	22.63	22.65	23.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.69	22.67	22.67	23.7	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	22.61	22.68	22.60	23.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.64	22.72	22.61	23.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.60	22.65	22.66	23.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.61	22.68	22.60	23.7	0.0

n2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	20.66	20.67	20.60	22.0	0.0
40	PI/2 BPSK	1	108	20.62	20.80	20.69		
40	PI/2 BPSK	1	214	20.67	20.69	20.69		
40	PI/2 BPSK	108	0	20.14	20.35	20.22	21.5	0.5
40	PI/2 BPSK	108	54	20.77	20.85	20.73	22.0	0.0
40	PI/2 BPSK	108	108	20.17	20.34	20.21	21.5	0.5
40	PI/2 BPSK	216	0	20.26	20.29	20.20		
40	QPSK	1	1	20.78	20.87	20.83	22.0	0.0
40	QPSK	1	108	20.74	20.79	20.72		
40	QPSK	1	214	20.73	20.69	20.64		
40	QPSK	108	0	19.74	19.84	19.73	21.0	1.0
40	QPSK	108	54	20.82	20.85	20.74	22.0	0.0
40	QPSK	108	108	19.75	19.85	19.68	21.0	1.0
40	QPSK	216	0	19.74	19.86	19.78		
40	16QAM	1	1	19.46	19.46	19.39	21.0	1.0
40	64QAM	1	1	17.95	18.07	17.94	19.5	2.5
40	256QAM	1	1	16.61	16.70	16.53	17.5	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	20.77	20.85	20.73	22.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	20.66	20.67	20.60	22.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	20.72	20.76	20.75	22.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	20.68	20.76	20.73	22.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.75	20.82	20.75	22.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.79	20.81	20.71	22.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.73	20.79	20.74	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.48	22.47	22.43	24.0	0.0
20	PI/2 BPSK	1	53	22.43	22.63	22.45		
20	PI/2 BPSK	1	104	22.45	22.49	22.45		
20	PI/2 BPSK	50	0	21.98	22.17	22.07	23.5	0.5
20	PI/2 BPSK	50	28	22.46	22.64	22.52	24.0	0.0
20	PI/2 BPSK	50	56	21.95	22.12	21.98	23.5	0.5
20	PI/2 BPSK	100	0	22.02	22.08	21.97		
20	QPSK	1	1	22.54	22.65	22.57	24.0	0.0
20	QPSK	1	53	22.52	22.60	22.50		
20	QPSK	1	104	22.44	22.49	22.49		
20	QPSK	50	0	21.57	21.61	21.56	23.0	1.0
20	QPSK	50	28	22.56	22.63	22.51	24.0	0.0
20	QPSK	50	56	21.55	21.61	21.60	23.0	1.0
20	QPSK	100	0	21.54	21.61	21.58		
20	16QAM	1	1	21.21	21.29	21.16	23.0	1.0
20	64QAM	1	1	19.79	19.84	19.77	21.5	2.5
20	256QAM	1	1	18.32	18.49	18.37	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.53	22.55	22.59	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.51	22.52	22.56	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.49	22.60	22.58	24.0	0.0

n7 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.16	20.20	20.17	21.1	0.0
50	PI/2 BPSK	1	135	20.24	20.16	20.21		
50	PI/2 BPSK	1	268	20.20	20.16	20.17		
50	PI/2 BPSK	135	0	20.15	20.18	20.14	21.1	0.0
50	PI/2 BPSK	135	68	20.16	20.19	20.22	21.1	0.0
50	PI/2 BPSK	135	135	20.11	20.21	20.12	21.1	0.0
50	PI/2 BPSK	270	0	20.24	20.21	20.14		
50	QPSK	1	1	20.25	20.26	20.21	21.1	0.0
50	QPSK	1	135	20.19	20.17	20.16		
50	QPSK	1	268	20.15	20.18	20.16		
50	QPSK	135	0	19.57	19.64	19.64	21.0	0.1
50	QPSK	135	68	20.14	20.23	20.22	21.1	0.0
50	QPSK	135	135	19.69	19.75	19.61	21.0	0.1
50	QPSK	270	0	19.64	19.73	19.69		
50	16QAM	1	1	19.38	19.38	19.31	21.0	0.1
50	64QAM	1	1	17.83	18.04	17.89	19.5	1.6
50	256QAM	1	1	16.52	16.61	16.41	17.5	3.6
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.14	20.21	20.16	21.1	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	20.20	20.17	20.18	21.1	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.19	20.24	20.25	21.1	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.22	20.23	20.16	21.1	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.22	20.15	20.14	21.1	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.15	20.17	20.13	21.1	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.24	20.22	20.22	21.1	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.14	20.24	20.24	21.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.43	22.48	22.43	24.0	0.0
20	PI/2 BPSK	1	53	22.40	22.58	22.48		
20	PI/2 BPSK	1	104	22.42	22.55	22.41		
20	PI/2 BPSK	50	0	21.99	22.10	22.08	23.5	0.5
20	PI/2 BPSK	50	28	22.46	22.65	22.48	24.0	0.0
20	PI/2 BPSK	50	56	22.01	22.20	22.02	23.5	0.5
20	PI/2 BPSK	100	0	22.02	22.14	21.94		
20	QPSK	1	1	22.59	22.69	22.63	24.0	0.0
20	QPSK	1	53	22.46	22.61	22.46		
20	QPSK	1	104	22.47	22.56	22.48		
20	QPSK	50	0	21.47	21.54	21.57	23.0	1.0
20	QPSK	50	28	22.54	22.63	22.58	24.0	0.0
20	QPSK	50	56	21.60	21.57	21.51	23.0	1.0
20	QPSK	100	0	21.52	21.62	21.58		
20	16QAM	1	1	21.22	21.22	21.15	23.0	1.0
20	64QAM	1	1	19.78	19.91	19.75	21.5	2.5
20	256QAM	1	1	18.43	18.46	18.41	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.53	22.62	22.58	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.53	22.57	22.51	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.55	22.52	22.56	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	20.59	20.73	20.59	22.0	0.0
45	PI/2 BPSK	1	120	20.62	20.74	20.59		
45	PI/2 BPSK	1	240	20.64	20.63	20.64		
45	PI/2 BPSK	120	0	20.12	20.30	20.15	21.5	0.5
45	PI/2 BPSK	120	60	20.69	20.78	20.68	22.0	0.0
45	PI/2 BPSK	120	120	20.10	20.26	20.14	21.5	0.5
45	PI/2 BPSK	240	0	20.18	20.28	20.11		
45	QPSK	1	1	20.75	20.79	20.74	22.0	0.0
45	QPSK	1	120	20.61	20.74	20.66		
45	QPSK	1	240	20.62	20.65	20.61		
45	QPSK	120	0	19.74	19.69	19.71	21.0	1.0
45	QPSK	120	60	20.77	20.78	20.69	22.0	0.0
45	QPSK	120	120	19.71	19.81	19.69	21.0	1.0
45	QPSK	240	0	19.72	19.75	19.71		
45	16QAM	1	1	19.40	19.45	19.39	21.0	1.0
45	64QAM	1	1	17.88	18.03	17.94	19.5	2.5
45	256QAM	1	1	16.54	16.62	16.55	17.5	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	20.64	20.63	20.64	22.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	20.64	20.77	20.75	22.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.75	20.77	20.66	22.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.71	20.78	20.71	22.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.66	20.72	20.76	22.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.75	20.78	20.64	22.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.64	20.77	20.75	22.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.67	20.74	20.71	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.72	20.69	20.61	21.9	0.0
40	PI/2 BPSK	1	53	20.66	20.68	20.63		
40	PI/2 BPSK	1	104	20.64	20.72	20.63		
40	PI/2 BPSK	50	0	20.71	20.63	20.70	21.9	0.0
40	PI/2 BPSK	50	28	20.69	20.68	20.68	21.9	0.0
40	PI/2 BPSK	50	56	20.71	20.64	20.67	21.9	0.0
40	PI/2 BPSK	100	0	20.70	20.70	20.67		
40	QPSK	1	1	20.73	20.76	20.64	21.9	0.0
40	QPSK	1	53	20.68	20.73	20.73		
40	QPSK	1	104	20.72	20.67	20.73		
40	QPSK	50	0	20.72	20.70	20.71	21.9	0.0
40	QPSK	50	28	20.73	20.75	20.70	21.9	0.0
40	QPSK	50	56	20.65	20.71	20.66	21.9	0.0
40	QPSK	100	0	20.62	20.70	20.63		
40	16QAM	1	1	20.67	20.69	20.72	21.9	0.0
40	64QAM	1	1	19.84	19.94	19.91	21.5	0.4
40	256QAM	1	1	18.44	18.55	18.41	19.5	2.4
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.69	20.64	20.72	21.9	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.65	20.66	20.70	21.9	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.73	20.73	20.62	21.9	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.67	20.66	20.71	21.9	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.73	20.69	20.63	21.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.71	20.77	20.75	21.9	0.0
100	PI/2 BPSK	1	137	20.76	20.69	20.74		
100	PI/2 BPSK	1	271	20.67	20.73	20.73		
100	PI/2 BPSK	135	0	20.71	20.74	20.77	21.9	0.0
100	PI/2 BPSK	135	69	20.77	20.74	20.77	21.9	0.0
100	PI/2 BPSK	135	138	20.78	20.72	20.68	21.9	0.0
100	PI/2 BPSK	270	0	20.74	20.69	20.69		
100	QPSK	1	1	20.77	20.81	20.78	21.9	0.0
100	QPSK	1	137	20.70	20.76	20.76		
100	QPSK	1	271	20.69	20.69	20.70		
100	QPSK	135	0	20.72	20.75	20.72	21.9	0.0
100	QPSK	135	69	20.72	20.78	20.73	21.9	0.0
100	QPSK	135	138	20.69	20.77	20.75	21.9	0.0
100	QPSK	270	0	20.73	20.75	20.72		
100	16QAM	1	1	20.73	20.70	20.66	21.9	0.0
100	64QAM	1	1	19.86	19.92	19.83	21.5	0.4
100	256QAM	1	1	18.49	18.55	18.45	19.5	2.4
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.71	20.70	20.72	21.9	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.67	20.63	20.70	21.9	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.70	20.67	20.61	21.9	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.64	20.69	20.71	21.9	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.62	20.72	20.64	21.9	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	20.65	20.67	20.68	21.9	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.62	20.68	20.72	21.9	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	20.64	20.65	20.70	21.9	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.72	20.73	20.66	21.9	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	20.68	20.70	20.71	21.9	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.62	20.73	20.62	21.9	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.66	20.65	20.63	21.9	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.64	20.70	20.71	21.9	0.0

n2 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.26	22.42	22.18		
40	PI/2 BPSK	1	108	22.32	22.46	22.27	23.4	0.0
40	PI/2 BPSK	1	214	22.31	22.41	22.27		
40	PI/2 BPSK	108	0	21.84	22.04	21.93	23.4	0.0
40	PI/2 BPSK	108	54	22.32	22.48	22.37	23.4	0.0
40	PI/2 BPSK	108	108	21.79	22.02	21.85	23.4	0.0
40	PI/2 BPSK	216	0	21.85	21.92	21.77		
40	QPSK	1	1	22.44	22.49	22.46		
40	QPSK	1	108	22.36	22.46	22.37	23.4	0.0
40	QPSK	1	214	22.30	22.38	22.30		
40	QPSK	108	0	21.34	21.47	21.42	23.0	0.4
40	QPSK	108	54	22.45	22.47	22.43	23.4	0.0
40	QPSK	108	108	21.38	21.42	21.38	23.0	0.4
40	QPSK	216	0	21.42	21.46	21.38		
40	16QAM	1	1	21.24	21.37	21.37	23.0	0.4
40	64QAM	1	1	19.57	19.68	19.56	21.5	1.9
40	256QAM	1	1	18.22	18.36	18.26	19.5	3.9
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	22.40	22.43	22.34	23.4	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.43	22.40	22.42	23.4	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.40	22.43	22.34	23.4	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.43	22.40	22.42	23.4	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.35	22.42	22.44	23.4	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.45	22.37	22.37	23.4	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.43	22.48	22.37	23.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.99	20.93	20.92		
50	PI/2 BPSK	1	135	20.95	20.99	20.94	22.0	0.0
50	PI/2 BPSK	1	268	20.93	20.95	21.00		
50	PI/2 BPSK	135	0	20.94	21.04	20.97	22.0	0.0
50	PI/2 BPSK	135	68	20.94	21.00	20.94	22.0	0.0
50	PI/2 BPSK	135	135	20.92	20.92	20.99	22.0	0.0
50	PI/2 BPSK	270	0	20.93	20.95	20.98		
50	QPSK	1	1	21.01	21.05	21.03		
50	QPSK	1	135	20.94	21.00	21.00	22.0	0.0
50	QPSK	1	268	21.01	21.00	21.01		
50	QPSK	135	0	20.98	20.99	20.99	22.0	0.0
50	QPSK	135	68	20.92	21.03	20.93	22.0	0.0
50	QPSK	135	135	20.94	21.01	20.98	22.0	0.0
50	QPSK	270	0	20.92	21.00	20.98		
50	16QAM	1	1	21.01	20.97	20.96	22.0	0.0
50	64QAM	1	1	19.56	19.72	19.62	21.5	0.5
50	256QAM	1	1	18.22	18.39	18.26	19.5	2.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.92	20.97	20.87	22.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	20.85	20.88	20.85	22.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.88	20.89	20.87	22.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.97	20.95	20.86	22.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.92	20.97	20.89	22.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.96	20.98	20.87	22.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.89	20.99	20.94	22.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.89	20.87	20.90	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	22.41	22.48	22.28		
45	PI/2 BPSK	1	120	22.35	22.55	22.41	23.6	0.0
45	PI/2 BPSK	1	240	22.45	22.46	22.41		
45	PI/2 BPSK	120	0	21.97	22.06	21.95	23.5	0.1
45	PI/2 BPSK	120	60	22.45	22.57	22.44	23.6	0.0
45	PI/2 BPSK	120	120	21.99	22.09	21.90	23.5	0.1
45	PI/2 BPSK	240	0	21.96	22.04	21.95		
45	QPSK	1	1	22.43	22.60	22.58		
45	QPSK	1	120	22.41	22.48	22.44	23.6	0.0
45	QPSK	1	240	22.38	22.49	22.41		
45	QPSK	120	0	21.50	21.49	21.43	23.0	0.6
45	QPSK	120	60	22.58	22.59	22.53	23.6	0.0
45	QPSK	120	120	21.51	21.62	21.52	23.0	0.6
45	QPSK	240	0	21.53	21.55	21.51		
45	16QAM	1	1	21.45	21.47	21.33	23.0	0.6
45	64QAM	1	1	19.67	19.79	19.70	21.5	2.1
45	256QAM	1	1	18.38	18.39	18.26	19.5	4.1
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.35	22.55	22.41	23.6	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.43	22.38	22.35	23.6	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.40	22.48	22.38	23.6	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.41	22.48	22.34	23.6	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.41	22.41	22.42	23.6	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.43	22.38	22.35	23.6	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.37	22.47	22.40	23.6	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.41	22.37	22.35	23.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.50	18.54	18.53	19.7	0.0
100	PI/2 BPSK	1	137	18.49	18.53	18.55		
100	PI/2 BPSK	1	271	18.49	18.55	18.50		
100	PI/2 BPSK	135	0	18.56	18.51	18.51	19.7	0.0
100	PI/2 BPSK	135	69	18.53	18.49	18.48	19.7	0.0
100	PI/2 BPSK	135	138	18.51	18.60	18.52	19.7	0.0
100	PI/2 BPSK	270	0	18.48	18.50	18.49		
100	QPSK	1	1	18.57	18.61	18.59	19.7	0.0
100	QPSK	1	137	18.48	18.52	18.52		
100	QPSK	1	271	18.57	18.51	18.49		
100	QPSK	135	0	18.53	18.54	18.55	19.7	0.0
100	QPSK	135	69	18.55	18.59	18.52	19.7	0.0
100	QPSK	135	138	18.48	18.52	18.50	19.7	0.0
100	QPSK	270	0	18.53	18.58	18.48		
100	16QAM	1	1	18.53	18.58	18.53	19.7	0.0
100	64QAM	1	1	18.51	18.59	18.56	19.7	0.0
100	256QAM	1	1	18.26	18.43	18.20	19.5	0.2
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.54	18.44	18.48	19.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.51	18.52	18.46	19.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.53	18.44	18.46	19.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.54	18.44	18.53	19.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.46	18.48	18.52	19.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.52	18.44	18.46	19.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.46	18.48	18.42	19.7	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.53	18.46	18.52	19.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.46	18.52	18.49	19.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.45	18.50	18.50	19.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.49	18.55	18.46	19.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.50		19.7	0.0
100	PI/2 BPSK	1	137		18.51			
100	PI/2 BPSK	1	271		18.53			
100	PI/2 BPSK	135	0		18.46		19.7	0.0
100	PI/2 BPSK	135	69		18.55		19.7	0.0
100	PI/2 BPSK	135	138		18.49		19.7	0.0
100	PI/2 BPSK	270	0		18.53			
100	QPSK	1	1		18.58		19.7	0.0
100	QPSK	1	137		18.55			
100	QPSK	1	271		18.54			
100	QPSK	135	0		18.44		19.7	0.0
100	QPSK	135	69		18.56		19.7	0.0
100	QPSK	135	138		18.49		19.7	0.0
100	QPSK	270	0		18.51			
100	16QAM	1	1		18.52		19.7	0.0
100	64QAM	1	1		18.44		19.7	0.0
100	256QAM	1	1		18.39		19.5	0.2
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.46	18.51	18.50	19.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.44	18.48	18.45	19.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.51	18.51	18.45	19.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.43	18.50	18.48	19.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.53	18.49	18.47	19.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.47	18.55	18.43	19.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.48	18.55	18.45	19.7	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.50	18.53	18.44	19.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.43	18.56	18.44	19.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.44	18.48	18.50	19.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.52	18.50	18.43	19.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.66	19.73	19.62	20.6	0.0
100	PI/2 BPSK	1	137	19.68	19.73	19.63		
100	PI/2 BPSK	1	271	19.71	19.65	19.70		
100	PI/2 BPSK	135	0	19.64	19.66	19.65	20.6	0.0
100	PI/2 BPSK	135	69	19.62	19.71	19.67	20.6	0.0
100	PI/2 BPSK	135	138	19.59	19.68	19.63	20.6	0.0
100	PI/2 BPSK	270	0	19.67	19.67	19.60		
100	QPSK	1	1	19.64	19.75	19.69	20.6	0.0
100	QPSK	1	137	19.59	19.69	19.67		
100	QPSK	1	271	19.69	19.74	19.67		
100	QPSK	135	0	19.69	19.71	19.64	20.6	0.0
100	QPSK	135	69	19.69	19.73	19.71	20.6	0.0
100	QPSK	135	138	19.62	19.68	19.60	20.6	0.0
100	QPSK	270	0	19.64	19.71	19.67		
100	16QAM	1	1	19.69	19.67	19.62	20.6	0.0
100	64QAM	1	1	19.68	19.66	19.60	20.6	0.0
100	256QAM	1	1	18.51	18.60	18.48	19.5	1.1
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.62	19.57	19.61	20.6	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.62	19.56	19.65	20.6	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.64	19.60	19.63	20.6	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.59	19.59	19.61	20.6	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.62	19.64	19.63	20.6	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.56	19.68	19.59	20.6	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.57	19.56	19.55	20.6	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.54	19.66	19.53	20.6	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.65	19.65	19.59	20.6	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.54	19.63	19.57	20.6	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.55	19.64	19.58	20.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.62		20.6	0.0
100	PI/2 BPSK	1	137		19.60			
100	PI/2 BPSK	1	271		19.66			
100	PI/2 BPSK	135	0		19.60		20.6	0.0
100	PI/2 BPSK	135	69		19.68		20.6	0.0
100	PI/2 BPSK	135	138		19.58		20.6	0.0
100	PI/2 BPSK	270	0		19.64			
100	QPSK	1	1		19.71		20.6	0.0
100	QPSK	1	137		19.63			
100	QPSK	1	271		19.58			
100	QPSK	135	0		19.60		20.6	0.0
100	QPSK	135	69		19.69		20.6	0.0
100	QPSK	135	138		19.67		20.6	0.0
100	QPSK	270	0		19.62			
100	16QAM	1	1		19.59		20.6	0.0
100	64QAM	1	1		19.63		20.6	0.0
100	256QAM	1	1		18.61		19.5	1.1
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.56	19.63	19.63	20.6	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.54	19.62	19.63	20.6	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.63	19.61	19.65	20.6	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.64	19.67	19.55	20.6	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.57	19.58	19.55	20.6	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.60	19.57	19.61	20.6	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.64	19.62	19.59	20.6	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.64	19.65	19.62	20.6	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.61	19.62	19.61	20.6	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.61	19.66	19.59	20.6	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.55	19.57	19.54	20.6	0.0

Part27O n77 Ant8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.70	22.77	22.62	24.0	0.0
100	PI/2 BPSK	1	137	22.71	22.83	22.82		
100	PI/2 BPSK	1	271	22.71	22.77	22.67		
100	PI/2 BPSK	135	0	22.20	22.42	22.31	23.5	0.5
100	PI/2 BPSK	135	69	22.79	22.91	22.74	24.0	0.0
100	PI/2 BPSK	135	138	22.23	22.43	22.31	23.5	0.5
100	PI/2 BPSK	270	0	22.23	22.51	22.17		
100	QPSK	1	1	22.85	22.92	22.87	24.0	0.0
100	QPSK	1	137	22.79	22.82	22.74		
100	QPSK	1	271	22.79	22.85	22.74		
100	QPSK	135	0	21.88	21.91	21.81	23.0	1.0
100	QPSK	135	69	22.83	22.91	22.88	24.0	0.0
100	QPSK	135	138	21.97	21.83	21.86	23.0	1.0
100	QPSK	270	0	21.82	21.87	21.85		
100	16QAM	1	1	21.73	21.80	21.73	23.0	1.0
100	64QAM	1	1	20.06	20.20	20.15	21.5	2.5
100	256QAM	1	1	18.57	18.76	18.67	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.77	22.83	22.79	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.75	22.77	22.73	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.78	22.72	22.81	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.70	22.77	22.72	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.76	22.73	22.73	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.79	22.79	22.73	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.73	22.72	22.75	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.78	22.78	22.79	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.77	22.82	22.75	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.77	22.73	22.77	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.80	22.81	22.80	24.0	0.0

Part27O n78 Ant8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.72		24.0	0.0
100	PI/2 BPSK	1	137		22.76			
100	PI/2 BPSK	1	271		22.69			
100	PI/2 BPSK	135	0		22.40		23.5	0.5
100	PI/2 BPSK	135	69		22.83		24.0	0.0
100	PI/2 BPSK	135	138		22.35		23.5	0.5
100	PI/2 BPSK	270	0		22.35			
100	QPSK	1	1		22.89		24.0	0.0
100	QPSK	1	137		22.85			
100	QPSK	1	271		22.73			
100	QPSK	135	0		21.73		23.0	1.0
100	QPSK	135	69		22.87		24.0	0.0
100	QPSK	135	138		21.84		23.0	1.0
100	QPSK	270	0		21.85			
100	16QAM	1	1		21.65		23.0	1.0
100	64QAM	1	1		20.12		21.5	2.5
100	256QAM	1	1		18.69		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.63	22.77	22.60	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.64	22.77	22.65	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.69	22.75	22.59	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.61	22.67	22.67	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.60	22.77	22.64	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.64	22.66	22.55	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.57	22.76	22.55	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.68	22.68	22.65	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.65	22.74	22.66	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.68	22.68	22.61	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.60	22.71	22.59	24.0	0.0

Part27O n77 Ant5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.02	20.08	20.12	21.3	0.0
100	PI/2 BPSK	1	137	20.10	20.05	20.10		
100	PI/2 BPSK	1	271	20.04	20.08	20.10		
100	PI/2 BPSK	135	0	20.04	20.09	20.01	21.3	0.0
100	PI/2 BPSK	135	69	20.01	20.06	20.05	21.3	0.0
100	PI/2 BPSK	135	138	20.03	20.12	20.09	21.3	0.0
100	PI/2 BPSK	270	0	20.10	20.06	20.06		
100	QPSK	1	1	20.06	20.14	20.11	21.3	0.0
100	QPSK	1	137	20.11	20.12	20.12		
100	QPSK	1	271	20.03	20.13	20.07		
100	QPSK	135	0	20.01	20.09	20.11	21.3	0.0
100	QPSK	135	69	20.10	20.12	20.08	21.3	0.0
100	QPSK	135	138	20.08	20.05	20.02	21.3	0.0
100	QPSK	270	0	20.07	20.08	20.05		
100	16QAM	1	1	20.08	20.08	20.10	21.3	0.0
100	64QAM	1	1	19.77	19.81	19.74	21.3	0.0
100	256QAM	1	1	18.35	18.40	18.37	19.5	1.8
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.02	20.03	19.99	21.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.06	19.99	20.01	21.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.07	20.04	19.98	21.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.97	20.08	20.00	21.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.01	20.03	20.04	21.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.08	20.03	20.04	21.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.04	20.05	20.07	21.3	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.05	20.05	20.02	21.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.07	20.04	20.07	21.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.01	20.01	19.98	21.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.02	20.06	19.98	21.3	0.0

Part27O n78 Ant5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.02		21.3	0.0
100	PI/2 BPSK	1	137		20.07			
100	PI/2 BPSK	1	271		20.05			
100	PI/2 BPSK	135	0		20.00		21.3	0.0
100	PI/2 BPSK	135	69		20.08		21.3	0.0
100	PI/2 BPSK	135	138		20.03		21.3	0.0
100	PI/2 BPSK	270	0		20.06			
100	QPSK	1	1		20.10		21.3	0.0
100	QPSK	1	137		19.99			
100	QPSK	1	271		20.06			
100	QPSK	135	0		20.00		21.3	0.0
100	QPSK	135	69		20.07		21.3	0.0
100	QPSK	135	138		19.97		21.3	0.0
100	QPSK	270	0		20.04			
100	16QAM	1	1		20.00		21.3	0.0
100	64QAM	1	1		19.70		21.3	0.0
100	256QAM	1	1		18.32		19.5	1.8
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.05	19.98	19.98	21.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.07	20.02	20.04	21.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.07	20.07	19.96	21.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.08	20.03	20.07	21.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.97	20.01	20.07	21.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.04	20.04	19.99	21.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.01	19.99	20.08	21.3	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.99	20.04	19.99	21.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.00	20.04	20.00	21.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.99	19.99	20.07	21.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.07	20.09	20.00	21.3	0.0

Reduced Power Mode for ECI7

n5 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.54	22.62	22.48	24.0	0.0
20	PI/2 BPSK	1	53	22.53	22.69	22.54		
20	PI/2 BPSK	1	104	22.54	22.61	22.54		
20	PI/2 BPSK	50	0	22.09	22.23	22.14	23.5	0.5
20	PI/2 BPSK	50	28	22.62	22.71	22.61	24.0	0.0
20	PI/2 BPSK	50	56	22.09	22.24	22.09	23.5	0.5
20	PI/2 BPSK	100	0	22.11	22.22	22.07		
20	QPSK	1	1	22.64	22.73	22.67	24.0	0.0
20	QPSK	1	53	22.60	22.65	22.60		
20	QPSK	1	104	22.58	22.63	22.54		
20	QPSK	50	0	21.62	21.69	21.63	23.0	1.0
20	QPSK	50	28	22.68	22.72	22.66	24.0	0.0
20	QPSK	50	56	21.68	21.72	21.64	23.0	1.0
20	QPSK	100	0	21.66	21.71	21.63		
20	16QAM	1	1	21.34	21.38	21.28	23.0	1.0
20	64QAM	1	1	19.85	19.98	19.86	21.5	2.5
20	256QAM	1	1	18.47	18.59	18.45	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.60	22.60	22.54	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.48	22.59	22.54	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.54	22.60	22.52	24.0	0.0

n26 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.58	22.58	22.47	24.0	0.0
20	PI/2 BPSK	1	53	22.50	22.72	22.50		
20	PI/2 BPSK	1	104	22.50	22.61	22.54		
20	PI/2 BPSK	50	0	22.07	22.27	22.19	23.5	0.5
20	PI/2 BPSK	50	28	22.58	22.66	22.65	24.0	0.0
20	PI/2 BPSK	50	56	22.03	22.22	22.05	23.5	0.5
20	PI/2 BPSK	100	0	22.15	22.26	22.06		
20	QPSK	1	1	22.65	22.75	22.68	24.0	0.0
20	QPSK	1	53	22.60	22.62	22.58		
20	QPSK	1	104	22.58	22.64	22.51		
20	QPSK	50	0	21.58	21.67	21.58	23.0	1.0
20	QPSK	50	28	22.63	22.73	22.64	24.0	0.0
20	QPSK	50	56	21.62	21.77	21.63	23.0	1.0
20	QPSK	100	0	21.70	21.71	21.63		
20	16QAM	1	1	21.35	21.34	21.29	23.0	1.0
20	64QAM	1	1	19.79	19.95	19.87	21.5	2.5
20	256QAM	1	1	18.53	18.54	18.47	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.65	22.72	22.71	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.60	22.71	22.62	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.62	22.70	22.62	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	21.23	21.28	21.14	22.4	0.0
40	PI/2 BPSK	1	53	21.23	21.22	21.22		
40	PI/2 BPSK	1	104	21.23	21.27	21.14		
40	PI/2 BPSK	50	0	21.17	21.22	21.17	22.4	0.0
40	PI/2 BPSK	50	28	21.16	21.26	21.23	22.4	0.0
40	PI/2 BPSK	50	56	21.16	21.23	21.26	22.4	0.0
40	PI/2 BPSK	100	0	21.18	21.17	21.14		
40	QPSK	1	1	21.25	21.29	21.20	22.4	0.0
40	QPSK	1	53	21.18	21.22	21.24		
40	QPSK	1	104	21.16	21.26	21.24		
40	QPSK	50	0	21.23	21.18	21.22	22.4	0.0
40	QPSK	50	28	21.19	21.27	21.19	22.4	0.0
40	QPSK	50	56	21.15	21.26	21.22	22.4	0.0
40	QPSK	100	0	21.25	21.26	21.17		
40	16QAM	1	1	21.19	21.26	21.20	22.4	0.0
40	64QAM	1	1	19.94	20.00	19.95	21.5	0.9
40	256QAM	1	1	18.54	18.64	18.55	19.5	2.9
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.23	21.17	21.22	22.4	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	21.17	21.24	21.17	22.4	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.15	21.23	21.17	22.4	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.20	21.27	21.22	22.4	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.24	21.21	21.15	22.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.29	21.26	21.26	22.4	0.0
100	PI/2 BPSK	1	137	21.31	21.26	21.23		
100	PI/2 BPSK	1	271	21.19	21.21	21.21		
100	PI/2 BPSK	135	0	21.22	21.29	21.20	22.4	0.0
100	PI/2 BPSK	135	69	21.30	21.25	21.20	22.4	0.0
100	PI/2 BPSK	135	138	21.24	21.28	21.28	22.4	0.0
100	PI/2 BPSK	270	0	21.28	21.31	21.23		
100	QPSK	1	1	21.25	21.32	21.28	22.4	0.0
100	QPSK	1	137	21.26	21.31	21.24		
100	QPSK	1	271	21.30	21.29	21.20		
100	QPSK	135	0	21.26	21.25	21.29	22.4	0.0
100	QPSK	135	69	21.29	21.31	21.30	22.4	0.0
100	QPSK	135	138	21.29	21.30	21.23	22.4	0.0
100	QPSK	270	0	21.20	21.27	21.25		
100	16QAM	1	1	21.23	21.21	21.30	22.4	0.0
100	64QAM	1	1	19.85	20.02	19.91	21.5	0.9
100	256QAM	1	1	18.56	18.59	18.44	19.5	2.9
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.24	21.26	21.26	22.4	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.17	21.18	21.21	22.4	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.19	21.22	21.20	22.4	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.23	21.18	21.20	22.4	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.19	21.17	21.21	22.4	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	21.20	21.25	21.24	22.4	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.23	21.22	21.25	22.4	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	21.14	21.23	21.24	22.4	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.15	21.24	21.20	22.4	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	21.17	21.22	21.15	22.4	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.26	21.21	21.24	22.4	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.17	21.27	21.18	22.4	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.18	21.21	21.18	22.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	16.34	16.33	16.35	17.5	0.0
40	PI/2 BPSK	1	108	16.28	16.30	16.36		
40	PI/2 BPSK	1	214	16.34	16.29	16.26		
40	PI/2 BPSK	108	0	16.35	16.35	16.32	17.5	0.0
40	PI/2 BPSK	108	54	16.33	16.36	16.30	17.5	0.0
40	PI/2 BPSK	108	108	16.32	16.32	16.36	17.5	0.0
40	PI/2 BPSK	216	0	16.28	16.28	16.26		
40	QPSK	1	1	16.35	16.38	16.31	17.5	0.0
40	QPSK	1	108	16.37	16.31	16.34		
40	QPSK	1	214	16.35	16.28	16.27		
40	QPSK	108	0	16.27	16.35	16.28	17.5	0.0
40	QPSK	108	54	16.30	16.37	16.32	17.5	0.0
40	QPSK	108	108	16.32	16.31	16.34	17.5	0.0
40	QPSK	216	0	16.28	16.35	16.27		
40	16QAM	1	1	16.31	16.23	16.27	17.5	0.0
40	64QAM	1	1	16.34	16.32	16.32	17.5	0.0
40	256QAM	1	1	16.30	16.25	16.21	17.5	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	16.25	16.30	16.28	17.5	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	16.33	16.36	16.30	17.5	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	16.25	16.29	16.30	17.5	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	16.21	16.30	16.28	17.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.25	16.30	16.28	17.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.31	16.30	16.26	17.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.25	16.29	16.27	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	19.58	19.57	19.58	20.9	0.0
20	PI/2 BPSK	1	53	19.51	19.62	19.58		
20	PI/2 BPSK	1	104	19.57	19.60	19.59		
20	PI/2 BPSK	50	0	19.63	19.60	19.51	20.9	0.0
20	PI/2 BPSK	50	28	19.59	19.64	19.61	20.9	0.0
20	PI/2 BPSK	50	56	19.53	19.62	19.54	20.9	0.0
20	PI/2 BPSK	100	0	19.56	19.63	19.58		
20	QPSK	1	1	19.57	19.65	19.58	20.9	0.0
20	QPSK	1	53	19.54	19.59	19.63		
20	QPSK	1	104	19.58	19.60	19.52		
20	QPSK	50	0	19.54	19.62	19.54	20.9	0.0
20	QPSK	50	28	19.62	19.64	19.53	20.9	0.0
20	QPSK	50	56	19.61	19.61	19.57	20.9	0.0
20	QPSK	100	0	19.53	19.58	19.56		
20	16QAM	1	1	19.53	19.58	19.61	20.9	0.0
20	64QAM	1	1	19.60	19.56	19.52	20.9	0.0
20	256QAM	1	1	18.32	18.49	18.37	19.5	1.4
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	19.59	19.53	19.61	20.9	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	19.60	19.59	19.61	20.9	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	19.53	19.58	19.53	20.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	15.28	15.23	15.30	16.2	0.0
50	PI/2 BPSK	1	135	15.28	15.27	15.29		
50	PI/2 BPSK	1	268	15.23	15.27	15.25		
50	PI/2 BPSK	135	0	15.25	15.32	15.23	16.2	0.0
50	PI/2 BPSK	135	68	15.21	15.30	15.31	16.2	0.0
50	PI/2 BPSK	135	135	15.24	15.29	15.20	16.2	0.0
50	PI/2 BPSK	270	0	15.25	15.23	15.28		
50	QPSK	1	1	15.33	15.34	15.27	16.2	0.0
50	QPSK	1	135	15.28	15.32	15.23		
50	QPSK	1	268	15.30	15.26	15.26		
50	QPSK	135	0	15.32	15.32	15.29	16.2	0.0
50	QPSK	135	68	15.29	15.33	15.27	16.2	0.0
50	QPSK	135	135	15.21	15.24	15.28	16.2	0.0
50	QPSK	270	0	15.27	15.31	15.30		
50	16QAM	1	1	15.32	15.28	15.20	16.2	0.0
50	64QAM	1	1	15.22	15.27	15.23	16.2	0.0
50	256QAM	1	1	15.24	15.32	15.20	16.2	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	15.25	15.22	15.26	16.2	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	15.22	15.22	15.18	16.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.16	15.26	15.21	16.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.25	15.28	15.19	16.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	15.24	15.24	15.25	16.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.24	15.19	15.21	16.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.16	15.27	15.19	16.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.18	15.21	15.21	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	19.63	19.59	19.69	20.9	0.0
20	PI/2 BPSK	1	53	19.59	19.64	19.63		
20	PI/2 BPSK	1	104	19.69	19.70	19.58		
20	PI/2 BPSK	50	0	19.63	19.70	19.62	20.9	0.0
20	PI/2 BPSK	50	28	19.62	19.68	19.68	20.9	0.0
20	PI/2 BPSK	50	56	19.63	19.68	19.67	20.9	0.0
20	PI/2 BPSK	100	0	19.64	19.68	19.60		
20	QPSK	1	1	19.68	19.71	19.62	20.9	0.0
20	QPSK	1	53	19.65	19.62	19.67		
20	QPSK	1	104	19.67	19.69	19.61		
20	QPSK	50	0	19.60	19.62	19.68	20.9	0.0
20	QPSK	50	28	19.63	19.69	19.65	20.9	0.0
20	QPSK	50	56	19.63	19.62	19.57	20.9	0.0
20	QPSK	100	0	19.58	19.66	19.60		
20	16QAM	1	1	19.67	19.62	19.67	20.9	0.0
20	64QAM	1	1	19.57	19.67	19.57	20.9	0.0
20	256QAM	1	1	18.43	18.46	18.41	19.5	1.4
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	19.59	19.53	19.51	20.9	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	19.54	19.55	19.62	20.9	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	19.57	19.53	19.59	20.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	15.24	15.29	15.21	16.5	0.0
45	PI/2 BPSK	1	120	15.23	15.21	15.20		
45	PI/2 BPSK	1	240	15.27	15.23	15.20		
45	PI/2 BPSK	120	0	15.17	15.23	15.27	16.5	0.0
45	PI/2 BPSK	120	60	15.18	15.23	15.25	16.5	0.0
45	PI/2 BPSK	120	120	15.25	15.28	15.19	16.5	0.0
45	PI/2 BPSK	240	0	15.24	15.28	15.24		
45	QPSK	1	1	15.22	15.30	15.28	16.5	0.0
45	QPSK	1	120	15.27	15.26	15.23		
45	QPSK	1	240	15.21	15.28	15.22		
45	QPSK	120	0	15.23	15.27	15.20	16.5	0.0
45	QPSK	120	60	15.28	15.29	15.25	16.5	0.0
45	QPSK	120	120	15.26	15.24	15.23	16.5	0.0
45	QPSK	240	0	15.22	15.27	15.17		
45	16QAM	1	1	15.18	15.21	15.28	16.5	0.0
45	64QAM	1	1	15.20	15.29	15.19	16.5	0.0
45	256QAM	1	1	15.28	15.22	15.19	16.5	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	15.14	15.14	15.15	16.5	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	15.19	15.26	15.14	16.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.23	15.18	15.18	16.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	15.22	15.23	15.12	16.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.19	15.19	15.16	16.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.15	15.18	15.18	16.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.23	15.24	15.22	16.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.22	15.14	15.21	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.73	15.65	15.63	17.0	0.0
40	PI/2 BPSK	1	53	15.71	15.75	15.64		
40	PI/2 BPSK	1	104	15.63	15.67	15.65		
40	PI/2 BPSK	50	0	15.67	15.65	15.71	17.0	0.0
40	PI/2 BPSK	50	28	15.73	15.74	15.68	17.0	0.0
40	PI/2 BPSK	50	56	15.72	15.69	15.68		
40	PI/2 BPSK	100	0	15.68	15.72	15.67	17.0	0.0
40	QPSK	1	1	15.75	15.77	15.67		
40	QPSK	1	53	15.63	15.71	15.70	17.0	0.0
40	QPSK	1	104	15.66	15.73	15.73		
40	QPSK	50	0	15.66	15.72	15.69	17.0	0.0
40	QPSK	50	28	15.69	15.75	15.74	17.0	0.0
40	QPSK	50	56	15.70	15.66	15.67		
40	QPSK	100	0	15.72	15.73	15.69	17.0	0.0
40	16QAM	1	1	15.73	15.69	15.67	17.0	0.0
40	64QAM	1	1	15.68	15.71	15.64	17.0	0.0
40	256QAM	1	1	15.69	15.66	15.72	17.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.64	15.70	15.72	17.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	15.71	15.65	15.71	17.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	15.67	15.75	15.73	17.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	15.67	15.69	15.73	17.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	15.67	15.66	15.72	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.73	15.74	15.74	17.0	0.0
100	PI/2 BPSK	1	137	15.68	15.69	15.78		
100	PI/2 BPSK	1	271	15.71	15.77	15.76		
100	PI/2 BPSK	135	0	15.76	15.72	15.76	17.0	0.0
100	PI/2 BPSK	135	69	15.79	15.78	15.72	17.0	0.0
100	PI/2 BPSK	135	138	15.78	15.71	15.75	17.0	0.0
100	PI/2 BPSK	270	0	15.77	15.70	15.69		
100	QPSK	1	1	15.77	15.80	15.76		
100	QPSK	1	137	15.71	15.73	15.72	17.0	0.0
100	QPSK	1	271	15.76	15.74	15.69		
100	QPSK	135	0	15.74	15.76	15.73	17.0	0.0
100	QPSK	135	69	15.74	15.78	15.72	17.0	0.0
100	QPSK	135	138	15.72	15.71	15.72	17.0	0.0
100	QPSK	270	0	15.73	15.76	15.71		
100	16QAM	1	1	15.69	15.77	15.69	17.0	0.0
100	64QAM	1	1	15.68	15.73	15.74	17.0	0.0
100	256QAM	1	1	15.69	15.78	15.74	17.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.67	15.68	15.64	17.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.71	15.72	15.70	17.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.73	15.68	15.71	17.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.72	15.76	15.74	17.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.73	15.75	15.68	17.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	15.69	15.73	15.67	17.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.63	15.66	15.70	17.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	15.63	15.70	15.67	17.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.72	15.76	15.67	17.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	15.68	15.65	15.69	17.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.72	15.76	15.69	17.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	15.74	15.73	15.66	17.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	15.67	15.75	15.73	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	19.01	18.94	18.97	19.9	0.0
40	PI/2 BPSK	1	108	19.01	18.96	19.01		
40	PI/2 BPSK	1	214	18.93	18.97	18.92		
40	PI/2 BPSK	108	0	18.97	19.04	18.95	19.9	0.0
40	PI/2 BPSK	108	54	18.94	18.98	18.94	19.9	0.0
40	PI/2 BPSK	108	108	19.01	19.03	18.95	19.9	0.0
40	PI/2 BPSK	216	0	18.94	19.02	18.96		
40	QPSK	1	1	19.04	19.05	18.93	19.9	0.0
40	QPSK	1	108	19.00	18.93	18.98		
40	QPSK	1	214	18.94	18.96	19.03		
40	QPSK	108	0	19.00	18.97	18.94	19.9	0.0
40	QPSK	108	54	18.95	19.03	18.97	19.9	0.0
40	QPSK	108	108	18.96	19.00	18.94	19.9	0.0
40	QPSK	216	0	18.97	19.01	18.96		
40	16QAM	1	1	19.03	19.03	18.94	19.9	0.0
40	64QAM	1	1	18.94	19.00	18.94	19.9	0.0
40	256QAM	1	1	18.22	18.36	18.26	19.5	0.4
Channel				375500	376000	376500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1907.5	1880	1892.5		
35	QPSK	1	1	18.97	19.04	18.95	19.9	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	18.94	18.96	19.03	19.9	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	18.96	18.95	18.91	19.9	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	18.94	18.93	18.93	19.9	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.98	18.99	18.96	19.9	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.87	18.91	18.91	19.9	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.93	18.97	18.92	19.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.42	18.52	18.53	19.8	0.0
50	PI/2 BPSK	1	135	18.53	18.46	18.42		
50	PI/2 BPSK	1	268	18.52	18.44	18.51		
50	PI/2 BPSK	135	0	18.42	18.53	18.52	19.8	0.0
50	PI/2 BPSK	135	68	18.50	18.43	18.47	19.8	0.0
50	PI/2 BPSK	135	135	18.46	18.44	18.53	19.8	0.0
50	PI/2 BPSK	270	0	18.45	18.48	18.48		
50	QPSK	1	1	18.48	18.54	18.51	19.8	0.0
50	QPSK	1	135	18.43	18.47	18.44		
50	QPSK	1	268	18.46	18.51	18.42		
50	QPSK	135	0	18.52	18.46	18.48	19.8	0.0
50	QPSK	135	68	18.46	18.53	18.49	19.8	0.0
50	QPSK	135	135	18.50	18.45	18.48	19.8	0.0
50	QPSK	270	0	18.43	18.51	18.48		
50	16QAM	1	1	18.49	18.47	18.42	19.8	0.0
50	64QAM	1	1	18.48	18.45	18.47	19.8	0.0
50	256QAM	1	1	18.22	18.39	18.26	19.5	0.3
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.41	18.39	18.46	19.8	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	18.39	18.44	18.40	19.8	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.46	18.46	18.42	19.8	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.42	18.49	18.38	19.8	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.40	18.44	18.38	19.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.38	18.39	18.38	19.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.47	18.48	18.47	19.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.44	18.43	18.38	19.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	19.03	19.09	19.07	20.2	0.0
45	PI/2 BPSK	1	120	18.98	18.99	19.05		
45	PI/2 BPSK	1	240	19.03	18.99	19.03		
45	PI/2 BPSK	120	0	19.05	19.08	19.01	20.2	0.0
45	PI/2 BPSK	120	60	19.08	18.99	18.99	20.2	0.0
45	PI/2 BPSK	120	120	19.06	19.06	19.04	20.2	0.0
45	PI/2 BPSK	240	0	19.08	19.08	19.00		
45	QPSK	1	1	19.03	19.11	19.07	20.2	0.0
45	QPSK	1	120	18.99	19.03	18.96		
45	QPSK	1	240	19.04	19.10	19.05		
45	QPSK	120	0	19.08	19.03	19.07	20.2	0.0
45	QPSK	120	60	19.03	19.09	19.04	20.2	0.0
45	QPSK	120	120	19.05	19.00	18.99	20.2	0.0
45	QPSK	240	0	18.97	19.05	19.01		
45	16QAM	1	1	19.03	18.98	18.99	20.2	0.0
45	64QAM	1	1	19.01	18.99	19.01	20.2	0.0
45	256QAM	1	1	18.38	18.39	18.26	19.5	0.7
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	18.97	18.94	18.98	20.2	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.92	19.02	18.93	20.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.00	18.99	18.95	20.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.98	19.02	18.95	20.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.93	19.01	18.91	20.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.93	19.01	18.93	20.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.97	19.03	19.01	20.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.91	19.04	18.96	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.53	15.56	15.58	16.7	0.0
100	PI/2 BPSK	1	137	15.49	15.52	15.57		
100	PI/2 BPSK	1	271	15.52	15.59	15.59		
100	PI/2 BPSK	135	0	15.59	15.51	15.53	16.7	0.0
100	PI/2 BPSK	135	69	15.50	15.52	15.52	16.7	0.0
100	PI/2 BPSK	135	138	15.55	15.53	15.52	16.7	0.0
100	PI/2 BPSK	270	0	15.51	15.53	15.47		
100	QPSK	1	1	15.54	15.62	15.59	16.7	0.0
100	QPSK	1	137	15.58	15.54	15.53		
100	QPSK	1	271	15.58	15.50	15.50		
100	QPSK	135	0	15.54	15.49	15.54	16.7	0.0
100	QPSK	135	69	15.58	15.59	15.50	16.7	0.0
100	QPSK	135	138	15.57	15.58	15.50	16.7	0.0
100	QPSK	270	0	15.53	15.58	15.57		
100	16QAM	1	1	15.59	15.60	15.55	16.7	0.0
100	64QAM	1	1	15.47	15.54	15.49	16.7	0.0
100	256QAM	1	1	15.51	15.50	15.54	16.7	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.43	15.47	15.45	16.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.46	15.52	15.52	16.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.44	15.53	15.50	16.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.51	15.44	15.48	16.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.52	15.51	15.45	16.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.48	15.47	15.49	16.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.51	15.53	15.46	16.7	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.49	15.51	15.44	16.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.47	15.49	15.44	16.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.53	15.54	15.49	16.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.53	15.46	15.49	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.49		16.7	0.0
100	PI/2 BPSK	1	137		15.51			
100	PI/2 BPSK	1	271		15.56			
100	PI/2 BPSK	135	0		15.54		16.7	0.0
100	PI/2 BPSK	135	69		15.46		16.7	0.0
100	PI/2 BPSK	135	138		15.53		16.7	0.0
100	PI/2 BPSK	270	0		15.50			
100	QPSK	1	1		15.57		16.7	0.0
100	QPSK	1	137		15.56			
100	QPSK	1	271		15.44			
100	QPSK	135	0		15.51		16.7	0.0
100	QPSK	135	69		15.52		16.7	0.0
100	QPSK	135	138		15.47		16.7	0.0
100	QPSK	270	0		15.47			
100	16QAM	1	1		15.45		16.7	0.0
100	64QAM	1	1		15.54		16.7	0.0
100	256QAM	1	1		15.44		16.7	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.46	15.47	15.53	16.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.43	15.55	15.46	16.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.51	15.46	15.48	16.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.54	15.55	15.43	16.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.47	15.54	15.53	16.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.53	15.52	15.44	16.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.52	15.56	15.47	16.7	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.51	15.48	15.48	16.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.51	15.45	15.43	16.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.43	15.45	15.49	16.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.46	15.52	15.52	16.7	0.0

Part27O n77 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	11.58	11.73	11.63	12.7	0.0
100	PI/2 BPSK	1	137	11.68	11.65	11.61		
100	PI/2 BPSK	1	271	11.66	11.66	11.65		
100	PI/2 BPSK	135	0	11.67	11.68	11.72	12.7	0.0
100	PI/2 BPSK	135	69	11.62	11.67	11.57	12.7	0.0
100	PI/2 BPSK	135	138	11.71	11.59	11.61	12.7	0.0
100	PI/2 BPSK	270	0	11.63	11.68	11.63		
100	QPSK	1	1	11.65	11.75	11.67	12.7	0.0
100	QPSK	1	137	11.60	11.57	11.61		
100	QPSK	1	271	11.61	11.62	11.62		
100	QPSK	135	0	11.61	11.53	11.62	12.7	0.0
100	QPSK	135	69	11.66	11.74	11.68	12.7	0.0
100	QPSK	135	138	11.63	11.68	11.63	12.7	0.0
100	QPSK	270	0	11.65	11.70	11.63		
100	16QAM	1	1	11.55	11.60	11.68	12.7	0.0
100	64QAM	1	1	11.71	11.72	11.67	12.7	0.0
100	256QAM	1	1	11.55	11.59	11.67	12.7	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	11.57	11.66	11.59	12.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	11.61	11.63	11.60	12.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	11.57	11.70	11.62	12.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	11.63	11.67	11.65	12.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	11.63	11.68	11.55	12.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	11.56	11.62	11.64	12.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	11.64	11.62	11.62	12.7	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	11.57	11.64	11.62	12.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	11.59	11.68	11.57	12.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	11.63	11.67	11.59	12.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	11.61	11.64	11.56	12.7	0.0

Part27O n78 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		11.63		12.7	0.0
100	PI/2 BPSK	1	137		11.50			
100	PI/2 BPSK	1	271		11.59			
100	PI/2 BPSK	135	0		11.58		12.7	0.0
100	PI/2 BPSK	135	69		11.56		12.7	0.0
100	PI/2 BPSK	135	138		11.63		12.7	0.0
100	PI/2 BPSK	270	0		11.59			
100	QPSK	1	1		11.73		12.7	0.0
100	QPSK	1	137		11.61			
100	QPSK	1	271		11.54			
100	QPSK	135	0		11.58		12.7	0.0
100	QPSK	135	69		11.68		12.7	0.0
100	QPSK	135	138		11.58		12.7	0.0
100	QPSK	270	0		11.66			
100	16QAM	1	1		11.52		12.7	0.0
100	64QAM	1	1		11.68		12.7	0.0
100	256QAM	1	1		11.52		12.7	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	11.66	11.72	11.55	12.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	11.65	11.61	11.63	12.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	11.60	11.69	11.66	12.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	11.67	11.71	11.64	12.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	11.57	11.60	11.57	12.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	11.62	11.61	11.59	12.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	11.68	11.68	11.66	12.7	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	11.67	11.65	11.64	12.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	11.60	11.70	11.59	12.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	11.58	11.72	11.65	12.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	11.65	11.69	11.66	12.7	0.0

Part27O n77 Ant8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.86	20.94	20.91	22.0	0.0
100	PI/2 BPSK	1	137	20.87	20.97	20.94		
100	PI/2 BPSK	1	271	20.87	20.91	20.94		
100	PI/2 BPSK	135	0	20.87	20.88	20.94	22.0	0.0
100	PI/2 BPSK	135	69	20.87	20.92	20.91	22.0	0.0
100	PI/2 BPSK	135	138	20.93	20.87	20.88	22.0	0.0
100	PI/2 BPSK	270	0	20.86	20.94	20.91		
100	QPSK	1	1	20.93	20.98	20.85	22.0	0.0
100	QPSK	1	137	20.92	20.97	20.87		
100	QPSK	1	271	20.87	20.92	20.96		
100	QPSK	135	0	20.95	20.93	20.88	22.0	0.0
100	QPSK	135	69	20.91	20.96	20.92	22.0	0.0
100	QPSK	135	138	20.91	20.89	20.93	22.0	0.0
100	QPSK	270	0	20.88	20.91	20.90		
100	16QAM	1	1	20.89	20.96	20.94	22.0	0.0
100	64QAM	1	1	20.91	20.93	20.91	21.5	0.5
100	256QAM	1	1	18.57	18.76	18.67	19.5	2.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.88	20.80	20.81	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.81	20.85	20.84	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.86	20.84	20.86	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.81	20.87	20.80	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.76	20.83	20.84	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.81	20.80	20.79	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.79	20.79	20.86	22.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.87	20.90	20.78	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.78	20.83	20.87	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.82	20.81	20.77	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.88	20.80	20.78	22.0	0.0

Part27O n78 Ant8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.81		22.0	0.0
100	PI/2 BPSK	1	137		20.83			
100	PI/2 BPSK	1	271		20.81			
100	PI/2 BPSK	135	0		20.89		22.0	0.0
100	PI/2 BPSK	135	69		20.85		22.0	0.0
100	PI/2 BPSK	135	138		20.89		22.0	0.0
100	PI/2 BPSK	270	0		20.89			
100	QPSK	1	1		20.92		22.0	0.0
100	QPSK	1	137		20.87			
100	QPSK	1	271		20.85			
100	QPSK	135	0		20.82		22.0	0.0
100	QPSK	135	69		20.90		22.0	0.0
100	QPSK	135	138		20.84		22.0	0.0
100	QPSK	270	0		20.87			
100	16QAM	1	1		20.83		22.0	0.0
100	64QAM	1	1		20.82		21.5	0.5
100	256QAM	1	1		18.69		19.5	2.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.79	20.83	20.84	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.88	20.81	20.85	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.77	20.82	20.82	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.77	20.78	20.87	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.76	20.85	20.84	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.86	20.85	20.80	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.87	20.84	20.76	22.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.80	20.89	20.80	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.85	20.83	20.88	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.84	20.82	20.84	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.85	20.89	20.80	22.0	0.0

Part27O n77 Ant5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.08	16.13	16.03	17.0	0.0
100	PI/2 BPSK	1	137	16.06	16.05	16.03		
100	PI/2 BPSK	1	271	16.09	16.04	16.12		
100	PI/2 BPSK	135	0	16.09	16.13	16.06	17.0	0.0
100	PI/2 BPSK	135	69	16.11	16.05	16.03	17.0	0.0
100	PI/2 BPSK	135	138	16.04	16.11	16.01	17.0	0.0
100	PI/2 BPSK	270	0	16.09	16.13	16.02		
100	QPSK	1	1	16.06	16.14	16.10	17.0	0.0
100	QPSK	1	137	16.03	16.04	16.02		
100	QPSK	1	271	16.07	16.10	16.00		
100	QPSK	135	0	16.07	16.06	16.01	17.0	0.0
100	QPSK	135	69	16.09	16.13	16.11	17.0	0.0
100	QPSK	135	138	16.12	16.03	16.02	17.0	0.0
100	QPSK	270	0	16.05	16.11	16.06		
100	16QAM	1	1	16.11	16.13	16.05	17.0	0.0
100	64QAM	1	1	16.11	16.09	16.05	17.0	0.0
100	256QAM	1	1	16.09	16.11	16.02	17.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.96	15.97	16.01	17.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.98	16.00	16.05	17.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.94	16.06	15.94	17.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.98	15.96	16.05	17.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.94	16.03	15.98	17.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.95	16.01	15.99	17.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.03	16.01	15.94	17.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.04	16.00	15.96	17.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.96	16.05	15.99	17.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.94	15.96	15.97	17.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.95	16.04	15.94	17.0	0.0

Part27O n78 Ant5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.00		17.0	0.0
100	PI/2 BPSK	1	137		16.02			
100	PI/2 BPSK	1	271		16.01			
100	PI/2 BPSK	135	0		16.06		17.0	0.0
100	PI/2 BPSK	135	69		15.99		17.0	0.0
100	PI/2 BPSK	135	138		16.01		17.0	0.0
100	PI/2 BPSK	270	0		16.03			
100	QPSK	1	1		16.08		17.0	0.0
100	QPSK	1	137		16.05			
100	QPSK	1	271		16.04			
100	QPSK	135	0		16.04		17.0	0.0
100	QPSK	135	69		16.06		17.0	0.0
100	QPSK	135	138		16.04		17.0	0.0
100	QPSK	270	0		15.97			
100	16QAM	1	1		16.02		17.0	0.0
100	64QAM	1	1		16.07		17.0	0.0
100	256QAM	1	1		15.95		17.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.04	15.98	15.99	17.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.03	16.06	15.94	17.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.95	16.03	15.95	17.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.95	15.99	15.98	17.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.97	15.98	15.95	17.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.93	15.99	16.04	17.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.95	16.03	15.98	17.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.99	15.96	16.04	17.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.96	16.02	16.02	17.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.96	16.03	15.95	17.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.01	16.05	15.96	17.0	0.0

Full & Default & ECI4 Power for other PA

n2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.45	22.56	22.44	24.0	0.0
40	PI/2 BPSK	1	108	22.43	22.58	22.44		
40	PI/2 BPSK	1	214	22.34	22.43	22.38		
40	PI/2 BPSK	108	0	21.98	22.04	21.96	23.5	0.5
40	PI/2 BPSK	108	54	22.51	22.52	22.54	24.0	0.0
40	PI/2 BPSK	108	108	21.98	22.06	21.96	23.5	0.5
40	PI/2 BPSK	216	0	22.02	22.05	21.99		
40	QPSK	1	1	22.58	22.62	22.56	24.0	0.0
40	QPSK	1	108	22.46	22.57	22.49		
40	QPSK	1	214	22.47	22.45	22.43		
40	QPSK	108	0	21.49	21.58	21.34	23.0	1.0
40	QPSK	108	54	22.52	22.58	22.56	24.0	0.0
40	QPSK	108	108	21.43	21.49	21.35	23.0	1.0
40	QPSK	216	0	21.52	21.54	21.49		
40	16QAM	1	1	21.29	21.37	21.30	23.0	1.0
40	64QAM	1	1	20.08	20.12	20.12	21.5	2.5
40	256QAM	1	1	18.16	18.28	18.19	19.5	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	22.45	22.56	22.44	24.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.34	22.43	22.38	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.46	22.47	22.57	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.45	22.50	22.50	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.56	22.54	22.55	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.48	22.54	22.50	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.49	22.53	22.51	24.0	0.0

n7 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.36	22.43	22.44	24.0	0.0
50	PI/2 BPSK	1	135	22.41	22.46	22.41		
50	PI/2 BPSK	1	268	22.37	22.48	22.35		
50	PI/2 BPSK	135	0	21.93	21.97	21.82	23.5	0.5
50	PI/2 BPSK	135	68	22.39	22.53	22.50	24.0	0.0
50	PI/2 BPSK	135	135	22.00	22.00	21.92	23.5	0.5
50	PI/2 BPSK	270	0	21.92	21.98	21.89		
50	QPSK	1	1	22.48	22.55	22.47	24.0	0.0
50	QPSK	1	135	22.42	22.54	22.43		
50	QPSK	1	268	22.41	22.49	22.44		
50	QPSK	135	0	21.40	21.44	21.30	23.0	1.0
50	QPSK	135	68	22.47	22.52	22.44	24.0	0.0
50	QPSK	135	135	21.39	21.45	21.36	23.0	1.0
50	QPSK	270	0	21.44	21.49	21.47		
50	16QAM	1	1	21.30	21.42	21.26	23.0	1.0
50	64QAM	1	1	20.12	20.15	20.10	21.5	2.5
50	256QAM	1	1	18.08	18.21	18.10	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.46	22.50	22.52	24.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	22.49	22.53	22.47	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.51	22.51	22.50	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.46	22.44	22.42	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.43	22.51	22.51	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.44	22.47	22.50	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.49	22.49	22.44	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.43	22.53	22.51	24.0	0.0

n66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	22.39	22.42	22.39	24.0	0.0
45	PI/2 BPSK	1	120	22.33	22.46	22.37		
45	PI/2 BPSK	1	240	22.30	22.41	22.35		
45	PI/2 BPSK	120	0	21.88	21.97	21.84	23.5	0.5
45	PI/2 BPSK	120	60	22.39	22.46	22.36	24.0	0.0
45	PI/2 BPSK	120	120	21.96	22.00	21.96	23.5	0.5
45	PI/2 BPSK	240	0	21.95	21.98	21.87		
45	QPSK	1	1	22.46	22.49	22.42	24.0	0.0
45	QPSK	1	120	22.38	22.48	22.38		
45	QPSK	1	240	22.35	22.37	22.37		
45	QPSK	120	0	21.36	21.41	21.34	23.0	1.0
45	QPSK	120	60	22.41	22.45	22.43	24.0	0.0
45	QPSK	120	120	21.34	21.33	21.29	23.0	1.0
45	QPSK	240	0	21.40	21.42	21.39		
45	16QAM	1	1	21.27	21.30	21.21	23.0	1.0
45	64QAM	1	1	19.99	20.08	20.02	21.5	2.5
45	256QAM	1	1	18.03	18.08	18.09	19.5	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.44	22.43	22.40	24.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.45	22.44	22.44	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.45	22.38	22.46	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.36	22.41	22.43	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.37	22.41	22.41	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.47	22.40	22.38	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.38	22.45	22.41	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.44	22.36	22.46	24.0	0.0

Reduced Power Mode for ECI2_Other PA

n2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	18.07	18.00	17.98	19.4	0.0
40	PI/2 BPSK	1	108	18.06	18.07	18.02		
40	PI/2 BPSK	1	214	18.03	18.07	18.08		
40	PI/2 BPSK	108	0	18.01	18.06	17.98	19.4	0.0
40	PI/2 BPSK	108	54	18.00	18.01	18.00	19.4	0.0
40	PI/2 BPSK	108	108	18.06	18.03	17.97	19.4	0.0
40	PI/2 BPSK	216	0	18.02	18.10	18.09		
40	QPSK	1	1	18.08	18.12	18.05	19.4	0.0
40	QPSK	1	108	18.08	18.01	18.00		
40	QPSK	1	214	18.05	18.01	18.06		
40	QPSK	108	0	17.98	18.02	18.04	19.4	0.0
40	QPSK	108	54	18.07	18.10	18.05	19.4	0.0
40	QPSK	108	108	18.03	18.04	17.98	19.4	0.0
40	QPSK	216	0	18.06	18.10	18.03		
40	16QAM	1	1	18.01	18.11	18.01	19.4	0.0
40	64QAM	1	1	18.07	18.01	18.06	19.4	0.0
40	256QAM	1	1	18.01	18.00	18.09	19.4	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	18.00	18.01	18.00	19.4	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	17.90	18.04	17.95	19.4	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	17.96	18.03	17.97	19.4	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	17.93	18.04	17.92	19.4	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.90	18.04	17.95	19.4	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.94	17.98	18.02	19.4	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.94	17.99	17.93	19.4	0.0

n7 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	17.42	17.48	17.45	18.8	0.0
50	PI/2 BPSK	1	135	17.47	17.51	17.47		
50	PI/2 BPSK	1	268	17.44	17.51	17.51		
50	PI/2 BPSK	135	0	17.49	17.47	17.51	18.8	0.0
50	PI/2 BPSK	135	68	17.48	17.54	17.42	18.8	0.0
50	PI/2 BPSK	135	135	17.50	17.45	17.48	18.8	0.0
50	PI/2 BPSK	270	0	17.44	17.45	17.42		
50	QPSK	1	1	17.48	17.55	17.52	18.8	0.0
50	QPSK	1	135	17.53	17.46	17.46		
50	QPSK	1	268	17.46	17.43	17.50		
50	QPSK	135	0	17.46	17.51	17.44	18.8	0.0
50	QPSK	135	68	17.51	17.53	17.45	18.8	0.0
50	QPSK	135	135	17.48	17.51	17.51	18.8	0.0
50	QPSK	270	0	17.49	17.52	17.46		
50	16QAM	1	1	17.42	17.44	17.43	18.8	0.0
50	64QAM	1	1	17.42	17.52	17.51	18.8	0.0
50	256QAM	1	1	17.43	17.52	17.53	18.8	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	17.43	17.39	17.47	18.8	0.0
Channel				504500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	17.47	17.47	17.39	18.8	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.38	17.40	17.41	18.8	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.39	17.43	17.37	18.8	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.45	17.48	17.43	18.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.42	17.39	17.38	18.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.38	17.39	17.37	18.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.43	17.40	17.37	18.8	0.0

n66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	18.96	18.98	18.90	20.3	0.0
45	PI/2 BPSK	1	120	18.88	18.91	18.94		
45	PI/2 BPSK	1	240	18.94	18.97	18.93		
45	PI/2 BPSK	120	0	18.98	18.94	18.92	20.3	0.0
45	PI/2 BPSK	120	60	18.94	18.94	18.89	20.3	0.0
45	PI/2 BPSK	120	120	18.90	18.93	18.91	20.3	0.0
45	PI/2 BPSK	240	0	18.99	18.91	18.90		
45	QPSK	1	1	18.98	19.08	18.95	20.3	0.0
45	QPSK	1	120	18.99	18.97	18.88		
45	QPSK	1	240	18.87	18.91	18.93		
45	QPSK	120	0	18.94	18.91	18.97	20.3	0.0
45	QPSK	120	60	19.02	19.07	18.98	20.3	0.0
45	QPSK	120	120	18.99	18.96	18.97	20.3	0.0
45	QPSK	240	0	18.90	18.95	18.93		
45	16QAM	1	1	18.98	18.92	18.93	20.3	0.0
45	64QAM	1	1	18.91	19.00	18.88	20.3	0.0
45	256QAM	1	1	18.03	18.08	18.09	19.5	0.8
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	18.86	18.88	18.83	20.3	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.90	18.83	18.82	20.3	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.91	18.82	18.82	20.3	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.90	18.94	18.85	20.3	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.81	18.92	18.86	20.3	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.90	18.92	18.90	20.3	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.80	18.87	18.87	20.3	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.92	18.91	18.82	20.3	0.0

Reduced Power Mode for ECI3_Other PA

n2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	16.08	16.10	16.03	17.3	0.0
40	PI/2 BPSK	1	108	16.09	16.07	16.01		
40	PI/2 BPSK	1	214	16.11	16.08	16.02		
40	PI/2 BPSK	108	0	16.07	16.12	16.02	17.3	0.0
40	PI/2 BPSK	108	54	16.08	16.05	16.08	17.3	0.0
40	PI/2 BPSK	108	108	16.05	16.02	16.02	17.3	0.0
40	PI/2 BPSK	216	0	16.10	16.09	16.11		
40	QPSK	1	1	16.07	16.14	16.09	17.3	0.0
40	QPSK	1	108	16.01	16.12	16.03		
40	QPSK	1	214	16.05	16.05	16.07		
40	QPSK	108	0	16.10	16.06	16.01	17.3	0.0
40	QPSK	108	54	16.09	16.11	16.06	17.3	0.0
40	QPSK	108	108	16.04	16.03	16.00	17.3	0.0
40	QPSK	216	0	16.06	16.10	16.09		
40	16QAM	1	1	16.01	16.06	16.09	17.3	0.0
40	64QAM	1	1	16.11	16.02	16.00	17.3	0.0
40	256QAM	1	1	16.11	16.04	16.04	17.3	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	16.11	16.08	16.02	17.3	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	16.03	16.02	15.97	17.3	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	15.97	16.04	15.94	17.3	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	16.03	16.02	15.97	17.3	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	15.95	16.04	16.00	17.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.97	15.98	16.06	17.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.05	16.00	16.02	17.3	0.0

n7 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	17.42	17.48	17.45	18.6	0.0
50	PI/2 BPSK	1	135	17.47	17.51	17.47		
50	PI/2 BPSK	1	268	17.44	17.51	17.51		
50	PI/2 BPSK	135	0	17.49	17.47	17.51	18.6	0.0
50	PI/2 BPSK	135	68	17.48	17.54	17.42	18.6	0.0
50	PI/2 BPSK	135	135	17.50	17.45	17.48	18.6	0.0
50	PI/2 BPSK	270	0	17.44	17.45	17.42		
50	QPSK	1	1	17.48	17.55	17.52	18.6	0.0
50	QPSK	1	135	17.53	17.46	17.46		
50	QPSK	1	268	17.46	17.43	17.50		
50	QPSK	135	0	17.46	17.51	17.44	18.6	0.0
50	QPSK	135	68	17.51	17.53	17.45	18.6	0.0
50	QPSK	135	135	17.48	17.51	17.51	18.6	0.0
50	QPSK	270	0	17.49	17.52	17.46		
50	16QAM	1	1	17.42	17.44	17.43	18.6	0.0
50	64QAM	1	1	17.42	17.52	17.51	18.6	0.0
50	256QAM	1	1	17.43	17.52	17.53	18.6	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	17.43	17.39	17.47	18.6	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	17.47	17.47	17.39	18.6	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.38	17.40	17.41	18.6	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.39	17.43	17.37	18.6	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.45	17.48	17.43	18.6	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.42	17.39	17.38	18.6	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.38	17.39	17.37	18.6	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.43	17.40	17.37	18.6	0.0

n66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	16.51	16.49	16.43	17.9	0.0
45	PI/2 BPSK	1	120	16.50	16.51	16.43		
45	PI/2 BPSK	1	240	16.46	16.43	16.44		
45	PI/2 BPSK	120	0	16.47	16.50	16.42	17.9	0.0
45	PI/2 BPSK	120	60	16.52	16.44	16.43	17.9	0.0
45	PI/2 BPSK	120	120	16.43	16.49	16.44	17.9	0.0
45	PI/2 BPSK	240	0	16.45	16.44	16.42		
45	QPSK	1	1	16.51	16.53	16.48	17.9	0.0
45	QPSK	1	120	16.45	16.49	16.40		
45	QPSK	1	240	16.47	16.52	16.49		
45	QPSK	120	0	16.43	16.50	16.44	17.9	0.0
45	QPSK	120	60	16.47	16.51	16.46	17.9	0.0
45	QPSK	120	120	16.41	16.45	16.49	17.9	0.0
45	QPSK	240	0	16.47	16.50	16.42		
45	16QAM	1	1	16.46	16.46	16.42	17.9	0.0
45	64QAM	1	1	16.45	16.45	16.50	17.9	0.0
45	256QAM	1	1	16.52	16.48	16.44	17.9	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	16.41	16.39	16.34	17.9	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	16.36	16.45	16.33	17.9	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.42	16.38	16.33	17.9	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.40	16.39	16.43	17.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.44	16.46	16.33	17.9	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.43	16.38	16.36	17.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.38	16.41	16.37	17.9	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.38	16.45	16.35	17.9	0.0

Reduced Power Mode for ECI6_Other PA

n2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	20.47	20.53	20.44	21.7	0.0
40	PI/2 BPSK	1	108	20.54	20.57	20.52		
40	PI/2 BPSK	1	214	20.49	20.50	20.53		
40	PI/2 BPSK	108	0	20.50	20.51	20.54	21.7	0.0
40	PI/2 BPSK	108	54	20.61	20.61	20.61	21.7	0.0
40	PI/2 BPSK	108	108	20.54	20.61	20.54	21.7	0.0
40	PI/2 BPSK	216	0	20.54	20.58	20.58		
40	QPSK	1	1	20.60	20.63	20.61	21.7	0.0
40	QPSK	1	108	20.52	20.54	20.56		
40	QPSK	1	214	20.55	20.57	20.60		
40	QPSK	108	0	20.53	20.55	20.57	21.7	0.0
40	QPSK	108	54	20.59	20.62	20.58	21.7	0.0
40	QPSK	108	108	20.57	20.59	20.51	21.7	0.0
40	QPSK	216	0	20.54	20.60	20.59		
40	16QAM	1	1	20.59	20.62	20.55	21.7	0.0
40	64QAM	1	1	20.08	20.12	20.12	21.5	0.2
40	256QAM	1	1	18.16	18.28	18.19	19.5	2.2
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	20.61	20.61	20.61	21.7	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	20.55	20.51	20.55	21.7	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	20.53	20.54	20.51	21.7	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	20.55	20.51	20.55	21.7	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.54	20.47	20.54	21.7	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.48	20.51	20.53	21.7	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.49	20.55	20.52	21.7	0.0

n7 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.99	20.05	20.03	21.4	0.0
50	PI/2 BPSK	1	135	20.00	19.98	19.98		
50	PI/2 BPSK	1	268	20.06	20.00	20.00		
50	PI/2 BPSK	135	0	20.05	20.08	19.96	21.4	0.0
50	PI/2 BPSK	135	68	20.02	20.06	19.99	21.4	0.0
50	PI/2 BPSK	135	135	20.05	20.02	20.05	21.4	0.0
50	PI/2 BPSK	270	0	20.00	20.02	20.05		
50	QPSK	1	1	20.06	20.09	20.03	21.4	0.0
50	QPSK	1	135	20.01	19.99	20.05		
50	QPSK	1	268	20.06	20.00	20.00		
50	QPSK	135	0	19.96	20.04	20.03	21.4	0.0
50	QPSK	135	68	20.02	20.07	20.05	21.4	0.0
50	QPSK	135	135	19.98	19.97	20.00	21.4	0.0
50	QPSK	270	0	20.03	20.06	20.02		
50	16QAM	1	1	20.07	20.04	20.03	21.4	0.0
50	64QAM	1	1	19.99	19.98	20.01	21.4	0.0
50	256QAM	1	1	18.08	18.21	18.10	19.5	1.9
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.95	20.02	19.91	21.4	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	19.91	19.94	19.95	21.4	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.91	19.97	19.92	21.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.96	19.93	20.00	21.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.98	19.96	20.00	21.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.98	19.93	20.00	21.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.93	19.96	19.95	21.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.97	20.02	19.95	21.4	0.0

n66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	21.50	21.55	21.45	22.6	0.0
45	PI/2 BPSK	1	120	21.45	21.47	21.55		
45	PI/2 BPSK	1	240	21.49	21.49	21.48		
45	PI/2 BPSK	120	0	21.56	21.52	21.53	22.6	0.0
45	PI/2 BPSK	120	60	21.51	21.52	21.53	22.6	0.0
45	PI/2 BPSK	120	120	21.49	21.48	21.47	22.6	0.0
45	PI/2 BPSK	240	0	21.48	21.48	21.51		
45	QPSK	1	1	21.55	21.57	21.52	22.6	0.0
45	QPSK	1	120	21.53	21.51	21.47		
45	QPSK	1	240	21.56	21.49	21.51		
45	QPSK	120	0	21.52	21.51	21.53	22.6	0.0
45	QPSK	120	60	21.52	21.56	21.50	22.6	0.0
45	QPSK	120	120	21.51	21.53	21.47	22.6	0.0
45	QPSK	240	0	21.47	21.53	21.49		
45	16QAM	1	1	21.47	21.48	21.56	22.6	0.0
45	64QAM	1	1	19.99	20.08	20.02	21.5	1.1
45	256QAM	1	1	18.03	18.08	18.09	19.5	3.1
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.47	21.42	21.45	22.6	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.44	21.43	21.46	22.6	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.44	21.49	21.49	22.6	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.49	21.49	21.44	22.6	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.47	21.42	21.48	22.6	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.42	21.45	21.44	22.6	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.45	21.49	21.46	22.6	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.48	21.43	21.43	22.6	0.0

Reduced Power Mode for ECI7_Other PA

n2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	14.53	14.60	14.51	15.8	0.0
40	PI/2 BPSK	1	108	14.60	14.56	14.53		
40	PI/2 BPSK	1	214	14.51	14.53	14.51		
40	PI/2 BPSK	108	0	14.60	14.63	14.55	15.8	0.0
40	PI/2 BPSK	108	54	14.56	14.61	14.57	15.8	0.0
40	PI/2 BPSK	108	108	14.58	14.53	14.53	15.8	0.0
40	PI/2 BPSK	216	0	14.60	14.53	14.54		
40	QPSK	1	1	14.61	14.64	14.61	15.8	0.0
40	QPSK	1	108	14.60	14.57	14.59		
40	QPSK	1	214	14.62	14.58	14.58		
40	QPSK	108	0	14.58	14.61	14.60	15.8	0.0
40	QPSK	108	54	14.56	14.63	14.57	15.8	0.0
40	QPSK	108	108	14.51	14.53	14.55	15.8	0.0
40	QPSK	216	0	14.61	14.62	14.53		
40	16QAM	1	1	14.56	14.59	14.61	15.8	0.0
40	64QAM	1	1	14.58	14.55	14.51	15.8	0.0
40	256QAM	1	1	14.53	14.62	14.50	15.8	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	14.56	14.61	14.57	15.8	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	14.62	14.58	14.58	15.8	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	14.48	14.53	14.55	15.8	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	14.48	14.54	14.55	15.8	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	14.52	14.56	14.46	15.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	14.50	14.53	14.46	15.8	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	14.54	14.54	14.48	15.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	16.04	16.04	16.03	17.3	0.0
50	PI/2 BPSK	1	135	16.01	16.06	16.00		
50	PI/2 BPSK	1	268	16.10	16.13	16.00		
50	PI/2 BPSK	135	0	16.07	16.09	16.03	17.3	0.0
50	PI/2 BPSK	135	68	16.05	16.02	16.00	17.3	0.0
50	PI/2 BPSK	135	135	16.07	16.10	16.08	17.3	0.0
50	PI/2 BPSK	270	0	16.05	16.10	16.09		
50	QPSK	1	1	16.11	16.16	16.09	17.3	0.0
50	QPSK	1	135	16.01	16.10	16.03		
50	QPSK	1	268	16.12	16.07	16.12		
50	QPSK	135	0	16.00	16.09	16.09	17.3	0.0
50	QPSK	135	68	16.10	16.15	16.08	17.3	0.0
50	QPSK	135	135	16.07	16.04	16.04	17.3	0.0
50	QPSK	270	0	16.08	16.13	16.07		
50	16QAM	1	1	16.02	16.12	16.12	17.3	0.0
50	64QAM	1	1	16.07	16.03	16.05	17.3	0.0
50	256QAM	1	1	16.01	16.08	16.03	17.3	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	16.03	16.00	16.03	17.3	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	16.05	15.98	16.04	17.3	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.98	16.06	16.00	17.3	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.95	16.01	15.98	17.3	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	15.99	15.99	16.03	17.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.01	16.07	16.05	17.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.95	16.04	16.01	17.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.02	16.03	16.03	17.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	15.03	15.08	15.03	16.5	0.0
45	PI/2 BPSK	1	120	15.07	15.08	15.09		
45	PI/2 BPSK	1	240	15.08	15.03	15.03		
45	PI/2 BPSK	120	0	15.06	15.02	15.06	16.5	0.0
45	PI/2 BPSK	120	60	15.02	15.11	15.07	16.5	0.0
45	PI/2 BPSK	120	120	15.07	15.12	15.11	16.5	0.0
45	PI/2 BPSK	240	0	15.05	15.10	15.07		
45	QPSK	1	1	15.08	15.13	15.06	16.5	0.0
45	QPSK	1	120	15.04	15.07	15.06		
45	QPSK	1	240	15.06	15.12	15.11		
45	QPSK	120	0	15.09	15.11	15.06	16.5	0.0
45	QPSK	120	60	15.08	15.12	15.09	16.5	0.0
45	QPSK	120	120	15.07	15.10	15.01	16.5	0.0
45	QPSK	240	0	15.06	15.11	15.07		
45	16QAM	1	1	15.07	15.09	15.09	16.5	0.0
45	64QAM	1	1	15.06	15.10	15.08	16.5	0.0
45	256QAM	1	1	15.07	15.06	15.11	16.5	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	15.01	15.02	15.04	16.5	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	15.08	15.11	15.11	16.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.05	15.08	15.03	16.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	15.03	15.09	15.05	16.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.00	15.03	15.06	16.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.05	15.04	15.04	16.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.06	15.04	15.12	16.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.05	15.09	15.11	16.5	0.0

2.4GHz WLAN				Ant 3 Full power Head Standalone Body-worn Standalone Hotspot		Ant 3 Head Simultaneous		Ant 3 Body-worn Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.10	20.50	13.69	15.00	17.18	18.50	99.14
		6	2437	18.16	19.50	13.62	15.00	17.13	18.50	
		11	2462	18.71	20.00	13.67	15.00	17.15	18.50	
	802.11g 6Mbps	1	2412	16.75	18.50	Not Required	15.00	Not Required	18.50	96.97
		6	2437	18.76	20.50		15.00		18.50	
		10	2457	18.64	20.00		15.00		18.50	
		11	2462	14.39	16.00		15.00		16.00	
	802.11n-HT20 MCS0	1	2412	14.72	16.50		15.00		16.50	96.78
		6	2437	18.79	20.50		15.00		18.50	
		11	2462	13.40	15.00		15.00		15.00	
	802.11n-HT40 MCS0	3	2422	14.76	16.50		15.00		16.50	93.68
		6	2437	15.54	17.00		15.00		17.00	
		9	2452	13.93	15.50		15.00		15.50	
	802.11ax-HE20 MCS0	1	2412	14.80	16.50		15.00		16.50	95.89
		2	2417	17.74	19.00		15.00		19.00	
		6	2437	18.87	20.50		15.00		18.50	
		10	2457	16.89	18.50		15.00		18.50	
		11	2462	13.47	15.00		15.00		15.00	
	802.11ax-HE40 MCS0	3	2422	14.85	16.50		15.00		16.50	92.46
		6	2437	15.66	17.00		15.00		17.00	
		9	2452	14.07	15.50		15.00		15.50	

5.2GHz WLAN				Ant 4 Full power Body-worn Standalone		Ant 4 Head Standalone		Ant 4 Head Simultaneous		Ant 4 Body-worn Simultaneous		Ant 4 Hotspot		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.96	19.50	Not Required	17.00	Not Required	12.00	Not Required	17.50	Not Required	18.50	96.97
		40	5200	18.45	20.00		17.00		12.00		17.50		18.50	
		44	5220	18.42	20.00		17.00		12.00		17.50		18.50	
		48	5240	18.46	20.00		17.00		12.00		17.50		18.50	
	802.11n-HT20 MCS0	36	5180	17.23	19.00		17.00		12.00		17.50		18.50	96.76
		40	5200	18.37	20.00		17.00		12.00		17.50		18.50	
		44	5220	18.47	20.00		17.00		12.00		17.50		18.50	
		48	5240	18.45	20.00		17.00		12.00		17.50		18.50	
	802.11n-HT40 MCS0	38	5190	13.74	14.50		14.50		12.00		14.50	13.74	14.50	93.70
		46	5230	18.40	20.00		17.00		12.00		17.50	17.03	18.50	
	802.11ac-VHT20 MCS0	36	5180	17.30	19.00		17.00		12.00		17.50		17.50	96.79
		40	5200	18.43	20.00		17.00		12.00		17.50		17.50	
		44	5220	18.50	20.00		17.00		12.00		17.50		17.50	
		48	5240	18.52	20.00		17.00		12.00		17.50		17.50	
	802.11ac-VHT40 MCS0	38	5190	13.80	15.50		15.50		12.00		15.50		15.50	93.75
		46	5230	18.43	20.00		17.00		12.00		17.50		17.50	
	802.11ac-VHT80 MCS0	42	5210	12.68	14.00		14.00		12.00		14.00		14.00	88.19
	802.11ax-HE20 MCS0	36	5180	17.41	19.00		17.00		12.00		17.50		17.50	95.89
		40	5200	18.52	20.00		17.00		12.00		17.50		17.50	
		44	5220	18.60	20.00		17.00		12.00		17.50		17.50	
		48	5240	18.63	20.00		17.00		12.00		17.50		17.50	
	802.11ax-HE40 MCS0	38	5190	13.93	15.50		15.50		12.00		15.50		15.50	92.46
		46	5230	18.53	20.00		17.00		12.00		17.50		17.50	
	802.11ax-HE80 MCS0	42	5210	12.79	14.00		14.00		12.00		14.00		14.00	86.84

5.3GHz WLAN				Ant 4 Full power Body-worn Standalone Extremity Standalone		Ant 4 Head Standalone		Ant 4 Head Simultaneous		Ant 4 Body-worn Simultaneous		Ant 4 Extremity Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	18.54	20.00	Not Required	17.00	Not Required	12.00	Not Required	17.50	Not Required	18.00	96.97
		56	5280	18.50	20.00		17.00		12.00		17.50		18.00	
		60	5300	18.44	20.00		17.00		12.00		17.50		18.00	
		64	5320	18.05	19.50		17.00		12.00		17.50		18.00	
	802.11n-HT20 MCS0	52	5260	18.44	20.00		17.00		12.00		17.50		18.00	96.76
		56	5280	18.48	20.00		17.00		12.00		17.50		18.00	
		60	5300	18.53	20.00		17.00		12.00		17.50		18.00	
		64	5320	17.53	19.00		17.00		12.00		17.50		18.00	
	802.11n-HT40 MCS0	54	5270	18.42	20.00	15.54	17.00	Not Required	12.00	16.07	17.50	16.58	18.00	93.70
		62	5310	14.00	15.50	14.00	15.50		12.00	14.00	15.50	14.00	15.50	
	802.11ac-VHT20 MCS0	52	5260	18.51	20.00	Not Required	17.00		12.00	Not Required	17.50	Not Required	18.00	96.79
		56	5280	18.53	20.00		17.00		12.00		17.50		18.00	
		60	5300	18.56	20.00		17.00		12.00		17.50		18.00	
		64	5320	17.60	19.00		17.00		12.00		17.50		18.00	
	802.11ac-VHT40 MCS0	54	5270	18.45	20.00		17.00		12.00		17.50		18.00	93.75
		62	5310	14.05	15.50		15.50		12.00		15.50		15.50	
	802.11ac-VHT80 MCS0	58	5290	13.81	15.50		15.50	10.59	12.00		15.50		15.50	88.19
	802.11ax-HE20 MCS0	52	5260	18.60	20.00		17.00	Not Required	12.00		17.50		18.00	95.89
		56	5280	18.65	20.00		17.00		12.00		17.50		18.00	
		60	5300	18.64	20.00		17.00		12.00		17.50		18.00	
		64	5320	17.71	19.00		17.00		12.00		17.50		18.00	
	802.11ax-HE40 MCS0	54	5270	18.56	20.00		17.00		12.00		17.50		18.00	92.46
		62	5310	14.16	15.50		15.50		12.00		15.50		15.50	
	802.11ax-HE80 MCS0	58	5290	13.92	15.50		15.50		12.00		15.50		15.50	86.84

5.5GHz WLAN				Ant 4 Full power Body-worn Standalone Extremity Standalone		Ant 4 Head Standalone		Ant 4 Head Simultaneous		Ant 4 Body-worn Simultaneous		Ant 4 Extremity Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.60	20.00	Not Required	17.00	Not Required	12.00	Not Required	16.00	Not Required	18.00	96.97
		116	5580	18.78	20.50		17.00		12.00		16.00		18.00	
		124	5620	18.67	20.00		17.00		12.00		16.00		18.00	
		132	5660	18.81	20.50		17.00		12.00		16.00		18.00	
		140	5700	18.67	20.00		17.00		12.00		16.00		18.00	
		144	5720	18.69	20.00		17.00		12.00		16.00		18.00	
	802.11n-HT20 MCS0	100	5500	18.61	20.00		17.00		12.00		16.00		18.00	96.76
		116	5580	18.67	20.00		17.00		12.00		16.00		18.00	
		124	5620	18.57	20.00		17.00		12.00		16.00		18.00	
		132	5660	18.65	20.00		17.00		12.00		16.00		18.00	
		140	5700	18.61	18.00		17.00		12.00		16.00		18.00	
		144	5720	18.66	20.00		17.00		12.00		16.00		18.00	
	802.11n-HT40 MCS0	102	5510	18.76	20.50		17.00		12.00		16.00		18.00	93.70
		110	5550	18.56	20.00		17.00		12.00		16.00		18.00	
		126	5630	18.51	20.00		17.00		12.00		16.00		18.00	
		134	5670	18.55	20.00		17.00		12.00		16.00		18.00	
		142	5710	18.79	20.50		17.00		12.00		16.00		18.00	
	802.11ac-VHT20 MCS0	100	5500	18.67	20.00		17.00		12.00		16.00		18.00	96.79
		116	5580	18.74	20.00		17.00		12.00		16.00		18.00	
		124	5620	18.64	20.00		17.00		12.00		16.00		18.00	
		132	5660	18.70	20.00		17.00		12.00		16.00		18.00	
		140	5700	16.66	18.00		17.00		12.00		16.00		18.00	
		144	5720	18.72	20.00		17.00		12.00		16.00		18.00	
	802.11ac-VHT40 MCS0	102	5510	18.78	20.50		17.00		12.00		16.00		18.00	93.75
		110	5550	18.58	20.00		17.00		12.00		16.00		18.00	
		126	5630	18.57	20.00		17.00		12.00		16.00		18.00	
		134	5670	18.59	20.00		17.00		12.00		16.00		18.00	
		142	5710	18.83	20.50		17.00		12.00		16.00		18.00	
	802.11ac-VHT80 MCS0	106	5530	17.97	19.50	15.51	17.00	10.53	12.00	14.56	16.00	16.57	18.00	88.19
		122	5610	17.92	19.50	15.48	17.00	10.51	12.00	14.52	16.00	16.53	18.00	
		138	5690	17.89	19.50	15.45	17.00	10.46	12.00	14.48	16.00	16.51	18.00	
	802.11ax-HE20 MCS0	100	5500	18.73	20.00	Not Required	17.00	Not Required	12.00	Not Required	16.00	Not Required	18.00	95.89
		116	5580	18.82	20.50		17.00		12.00		16.00		18.00	
		124	5620	18.73	20.00		17.00		12.00		16.00		18.00	
		132	5660	18.78	20.50		17.00		12.00		16.00		18.00	
		140	5700	16.74	18.00		17.00		12.00		16.00		18.00	
		144	5720	18.80	20.50		17.00		12.00		16.00		18.00	
	802.11ax-HE40 MCS0	102	5510	18.89	20.50		17.00		12.00		16.00		18.00	92.46
		110	5550	18.69	20.00		17.00		12.00		16.00		18.00	
		126	5630	18.67	20.00		17.00		12.00		16.00		18.00	
		134	5670	18.69	20.00		17.00		12.00		16.00		18.00	
		142	5710	18.95	20.50		17.00		12.00		16.00		18.00	
	802.11ax-HE80 MCS0	106	5530	18.07	19.50		17.00		12.00		16.00		18.00	86.84
		122	5610	18.03	19.50		17.00		12.00		16.00		18.00	
		138	5690	17.98	19.50		17.00		12.00		16.00		18.00	

5.8GHz WLAN				Ant 4 Full power Body-worn Standalone		Ant 4 Head Standalone		Ant 4 Head Simultaneous		Ant 4 Body-worn Simultaneous		Ant 4 Hotspot		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	18.70	20.00	Not Required	18.00	Not Required	13.00	Not Required	13.00	Not Required	18.50	96.97
		157	5785	18.71	20.00		18.00		13.00		13.00		18.50	
		165	5825	18.75	20.50		18.00		13.00		13.00		18.50	
	802.11n-HT20 MCS0	149	5745	18.63	20.00		18.00		13.00		13.00		18.50	96.76
		157	5785	18.69	20.00		18.00		13.00		13.00		18.50	
		165	5825	18.59	20.00		18.00		13.00		13.00		18.50	
	802.11n-HT40 MCS0	151	5755	18.72	20.00		18.00		13.00		13.00		18.50	93.70
		159	5795	18.67	20.00		18.00		13.00		13.00		18.50	
	802.11ac-VHT20 MCS0	149	5745	18.67	20.00		18.00		13.00		13.00		18.50	96.79
		157	5785	18.75	20.50		18.00		13.00		13.00		18.50	
		165	5825	18.62	20.00		18.00		13.00		13.00		18.50	
	802.11ac-VHT40 MCS0	151	5755	18.74	20.00		18.00		13.00		13.00		18.50	93.75
		159	5795	18.71	20.00		18.00		13.00		13.00		18.50	
	802.11ac-VHT80 MCS0	155	5775	17.98	19.50	16.47	18.00	11.52	13.00	15.06	16.50	16.95	18.50	88.19
	802.11ax-HE20 MCS0	149	5745	18.77	20.50	Not Required	18.00	Not Required	13.00	Not Required	13.00	Not Required	18.50	95.89
		157	5785	18.83	20.50		18.00		13.00		13.00		18.50	
		165	5825	18.74	20.00		18.00		13.00		13.00		18.50	
	802.11ax-HE40 MCS0	151	5755	18.86	20.50		18.00		13.00		13.00		18.50	92.46
		159	5795	18.81	20.50		18.00		13.00		13.00		18.50	
	802.11ax-HE80 MCS0	155	5775	18.07	19.50		18.00		13.00		13.00		18.50	86.84

BT BR/EDR ANT3

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	16.10	13.30	13.30	17.00
	CH 39	2441	16.40	14.30	14.30	17.00
	CH 78	2480	14.50	12.50	12.50	15.50

BT BR/EDR ANT3 Head Simultaneous

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	13.96	12.86	12.94	14.50
	CH 39	2441	14.05	13.03	12.97	14.50
	CH 78	2480	12.55	11.85	11.81	13.00

BLE_1M ANT3

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	12.20
	CH 19	2440	11.85
	CH 39	2480	12.23
Tune-up Limit			14.00

BLE_2M ANT3

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	12.52
	CH 19	2440	12.03
	CH 39	2480	12.48
Tune-up Limit			14.00