Default &ECI4 Power Mode Main PA

GSM850 Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.52	32.63	32.57	33.50	23.52	23.63	23.57	24.50
GPRS 1 Tx slot	32.35	32.50	32.46	33.50	23.35	23.50	23.46	24.50
GPRS 2 Tx slots	31.59	31.71	31.65	32.50	25.59	25.71	25.65	26.50
GPRS 3 Tx slots	29.69	29.80	29.75	30.50	25.43	25.54	25.49	26.24
GPRS 4 Tx slots	28.65	28.80	28.77	29.50	25.65	25.80	25.77	26.50
EDGE 1 Tx slot	27.05	27.13	27.08	27.50	18.05	18.13	18.08	18.50
EDGE 2 Tx slots	25.66	25.82	25.77	26.50	19.66	19.82	19.77	20.50
EDGE 3 Tx slots	23.43	23.56	23.49	24.50	19.17	19.30	19.23	20.24
EDGE 4 Tx slots	22.24	22.33	22.26	23.00	19.24	19.33	19.26	20.00

GSM1900 Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.32	29.40	29.25	30.50	20.32	20.40	20.25	21.50
GPRS 1 Tx slot	29.28	29.35	29.19	30.50	20.28	20.35	20.19	21.50
GPRS 2 Tx slots	28.55	28.68	28.43	29.50	22.55	22.68	22.43	23.50
GPRS 3 Tx slots	26.92	27.00	26.87	27.50	22.66	22.74	22.61	23.24
GPRS 4 Tx slots	25.83	25.89	25.72	26.50	22.83	22.89	22.72	23.50
EDGE 1 Tx slot	25.62	25.65	25.58	26.50	16.62	16.65	16.58	17.50
EDGE 2 Tx slots	24.45	24.48	24.40	25.50	18.45	18.48	18.40	19.50
EDGE 3 Tx slots	22.05	22.12	22.09	23.50	17.79	17.86	17.83	19.24
EDGE 4 Tx slots	20.64	20.73	20.68	21.50	17.64	17.73	17.68	18.50

Band		WCDMA II Ant 0			Tune-up Limit (dBm)	WCDMA IV Ant 0			Tune-up Limit (dBm)	WCDMA V Ant 0			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	23.15	23.20	23.11	24.00	23.24	23.30	23.17	24.00	23.34	23.40	23.19	24.00
3GPP Rel 99	RMC 12.2Kbps	23.18	23.23	23.16	24.00	23.29	23.33	23.21	24.00	23.39	23.45	23.23	24.00
3GPP Rel 6	HSDPA Subtest-1	22.11	22.28	22.13	23.00	22.22	22.38	22.12	23.00	22.43	22.35	22.16	23.00
3GPP Rel 6	HSDPA Subtest-2	22.16	22.27	22.11	23.00	22.29	22.36	22.22	23.00	22.40	22.33	22.21	23.00
3GPP Rel 6	HSDPA Subtest-3	21.68	21.70	21.62	22.50	21.66	21.87	21.68	22.50	21.90	21.94	21.64	22.50
3GPP Rel 6	HSDPA Subtest-4	21.64	21.82	21.63	22.50	21.74	21.77	21.58	22.50	21.77	21.88	21.68	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.17	22.25	22.24	23.00	22.26	22.33	22.17	23.00	22.38	22.41	22.17	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.15	22.24	22.11	23.00	22.23	22.27	22.18	23.00	22.29	22.41	22.21	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.65	21.67	21.72	22.50	21.73	21.84	21.63	22.50	21.76	21.97	21.77	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.67	21.66	21.74	22.50	21.78	21.81	21.66	22.50	21.83	21.83	21.77	22.50
3GPP Rel 6	HSUPA Subtest-1	22.17	22.21	22.19	23.00	22.20	22.29	22.25	23.00	22.35	22.32	22.24	23.00
3GPP Rel 6	HSUPA Subtest-2	20.15	20.17	20.10	21.00	20.33	20.34	20.14	21.00	20.30	20.50	20.16	21.00
3GPP Rel 6	HSUPA Subtest-3	21.24	21.24	21.14	22.00	21.36	21.32	21.20	22.00	21.43	21.38	21.15	22.00
3GPP Rel 6	HSUPA Subtest-4	20.18	20.12	20.11	21.00	20.24	20.38	20.29	21.00	20.36	20.46	20.16	21.00
3GPP Rel 6	HSUPA Subtest-5	22.22	22.17	22.25	23.00	22.31	22.23	22.12	23.00	22.43	22.48	22.23	23.00

Band 2 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.52	22.56	22.47		
20	QPSK	1	49	22.32	22.44	22.32	24	0
20	QPSK	1	99	22.34	22.46	22.33		
20	QPSK	50	0	21.49	21.54	21.45		
20	QPSK	50	24	21.41	21.53	21.40	23	1
20	QPSK	50	50	21.31	21.49	21.44		
20	QPSK	100	0	21.42	21.49	21.40		
20	16QAM	1	0	21.37	21.34	21.25		
20	16QAM	1	49	21.30	21.35	21.37	23	1
20	16QAM	1	99	21.42	21.50	21.32		
20	16QAM	50	0	20.39	20.53	20.57		
20	16QAM	50	24	20.46	20.47	20.58	22	2
20	16QAM	50	50	20.57	20.44	20.43		
20	16QAM	100	0	20.57	20.60	20.58		
20	64QAM	1	0	20.50	20.58	20.59		
20	64QAM	1	49	20.59	20.38	20.40	22	2
20	64QAM	1	99	20.48	20.39	20.57		
20	64QAM	50	0	19.50	19.37	19.37		
20	64QAM	50	24	19.52	19.48	19.48	21	3
20	64QAM	50	50	19.53	19.54	19.39		
20	64QAM	100	0	19.44	19.49	19.37		
20	256QAM	1	0	17.47	17.50	17.46		
20	256QAM	1	49	17.50	17.46	17.50	19	5
20	256QAM	1	99	17.38	17.45	17.42		
20	256QAM	50	0	17.52	17.49	17.54		
20	256QAM	50	24	17.32	17.48	17.44	19	5
20	256QAM	50	50	17.40	17.52	17.54		
20	256QAM	100	0	17.47	17.40	17.43		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.33	22.37	22.40		
15	QPSK	1	37	22.29	22.36	22.20	24	0
15	QPSK	1	74	22.17	22.33	22.32		
15	QPSK	36	0	21.37	21.34	21.37		
15	QPSK	36	20	21.34	21.46	21.27	23	1
15	QPSK	36	39	21.11	21.32	21.29		
15	QPSK	75	0	21.43	21.43	21.32		
15	16QAM	1	0	21.23	21.29	21.13		
15	16QAM	1	37	21.23	21.24	21.31	23	1
15	16QAM	1	74	21.28	21.50	21.30		
15	16QAM	36	0	20.23	20.41	20.51		
15	16QAM	36	20	20.45	20.30	20.47	22	2
15	16QAM	36	39	20.39	20.23	20.39		
15	16QAM	75	0	20.48	20.54	20.42		
15	64QAM	1	0	20.47	20.39	20.48		
15	64QAM	1	37	20.42	20.19	20.32	22	2
15	64QAM	1	74	20.34	20.18	20.59		
15	64QAM	36	0	19.48	19.31	19.29		
15	64QAM	36	20	19.47	19.38	19.41	21	3
15	64QAM	36	39	19.40	19.43	19.38		
15	64QAM	75	0	19.45	19.32	19.34		
15	256QAM	1	0	17.28	17.30	17.37		
15	256QAM	1	37	17.51	17.25	17.46	19	5
15	256QAM	1	74	17.19	17.24	17.35		
15	256QAM	36	0	17.40	17.40	17.46		
15	256QAM	36	20	17.22	17.26	17.36	19	5
15	256QAM	36	39	17.36	17.35	17.45		
15	256QAM	75	0	17.37	17.39	17.34		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.54	22.50	22.36		
10	QPSK	1	25	22.33	22.22	22.32	24	0
10	QPSK	1	49	22.29	22.33	22.15		
10	QPSK	25	0	21.43	21.47	21.46		
10	QPSK	25	12	21.26	21.35	21.29	23	1
10	QPSK	25	25	21.22	21.42	21.34		
10	QPSK	50	0	21.33	21.34	21.29		
10	16QAM	1	0	21.21	21.34	21.18		
10	16QAM	1	25	21.20	21.20	21.35	23	1
10	16QAM	1	49	21.33	21.35	21.22		
10	16QAM	25	0	20.25	20.40	20.43		
10	16QAM	25	12	20.45	20.29	20.53	22	2
10	16QAM	25	25	20.46	20.45	20.43		
10	16QAM	50	0	20.36	20.46	20.54		
10	64QAM	1	0	20.33	20.45	20.42		
10	64QAM	1	25	20.45	20.29	20.25	22	2
10	64QAM	1	49	20.46	20.35	20.57		
10	64QAM	25	0	19.31	19.35	19.16		
10	64QAM	25	12	19.38	19.43	19.48	21	3
10	64QAM	25	25	19.52	19.42	19.27		
10	64QAM	50	0	19.34	19.34	19.26		
10	256QAM	1	0	17.45	17.40	17.26		
10	256QAM	1	25	17.40	17.24	17.38	19	5
10	256QAM	1	49	17.18	17.30	17.40		
10	256QAM	25	0	17.47	17.36	17.50		
10	256QAM	25	12	17.25	17.29	17.43	19	5
10	256QAM	25	25	17.36	17.42	17.41		
10	256QAM	50	0	17.26	17.19	17.22		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.30	22.37	22.43		
5	QPSK	1	12	22.31	22.28	22.27	24	0
5	QPSK	1	24	22.28	22.43	22.35		
5	QPSK	12	0	21.29	21.44	21.42		
5	QPSK	12	7	21.25	21.44	21.28	23	1
5	QPSK	12	13	21.27	21.31	21.46		
5	QPSK	25	0	21.35	21.32	21.39		
5	16QAM	1	0	21.34	21.14	21.15		
5	16QAM	1	12	21.24	21.27	21.29	23	1
5	16QAM	1	24	21.21	21.35	21.30		
5	16QAM	12	0	20.21	20.41	20.52		
5	16QAM	12	7	20.31	20.31	20.37	22	2
5	16QAM	12	13	20.55	20.24	20.36		
5	16QAM	25	0	20.45	20.58	20.40		
5	64QAM	1	0	20.46	20.42	20.44		
5	64QAM	1	12	20.49	20.20	20.36	22	2
5	64QAM	1	24	20.27	20.33	20.49		
5	64QAM	12	0	19.40	19.28	19.23		
5	64QAM	12	7	19.48	19.46	19.42	21	3
5	64QAM	12	13	19.45	19.34	19.31		
5	64QAM	25	0	19.23	19.46	19.22		
5	256QAM	1	0	17.26	17.32	17.35		
5	256QAM	1	12	17.40	17.38	17.38	19	5
5	256QAM	1	24	17.36	17.30	17.24		
5	256QAM	12	0	17.52	17.48	17.54		
5	256QAM	12	7	17.26	17.46	17.31	19	5
5	256QAM	12	13	17.21	17.44	17.43		
5	256QAM	25	0	17.40	17.26	17.26		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.45	22.36	22.29		
3	QPSK	1	8	22.26	22.26	22.24	24	0
3	QPSK	1	14	22.28	22.38	22.23		
3	QPSK	8	0	21.44	21.44	21.40		
3	QPSK	8	4	21.31	21.51	21.32	23	1
3	QPSK	8	7	21.14	21.36	21.39		
3	QPSK	15	0	21.37	21.49	21.31		
3	16QAM	1	0	21.09	21.26	21.20		
3	16QAM	1	8	21.17	21.21	21.16	23	1
3	16QAM	1	14	21.30	21.41	21.23		
3	16QAM	8	0	20.38	20.44	20.58		
3	16QAM	8	4	20.25	20.37	20.41	22	2
3	16QAM	8	7	20.39	20.42	20.29		
3	16QAM	15	0	20.37	20.58	20.54		
3	64QAM	1	0	20.37	20.42	20.53		
3	64QAM	1	8	20.48	20.26	20.29	22	2
3	64QAM	1	14	20.43	20.36	20.46		
3	64QAM	8	0	19.45	19.34	19.20		
3	64QAM	8	4	19.37	19.33	19.40	21	3
3	64QAM	8	7	19.39	19.35	19.19		
3	64QAM	15	0	19.28	19.49	19.33		
3	256QAM	1	0	17.38	17.50	17.33		
3	256QAM	1	8	17.50	17.28	17.49	19	5
3	256QAM	1	14	17.36	17.23	17.31		
3	256QAM	8	0	17.46	17.34	17.34		
3	256QAM	8	4	17.10	17.36	17.22	19	5
3	256QAM	8	7	17.32	17.45	17.36		
3	256QAM	15	0	17.36	17.28	17.45		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.43	22.47	22.35		
1.4	QPSK	1	3	22.28	22.35	22.24		
1.4	QPSK	1	5	22.23	22.24	22.13	24	0
1.4	QPSK	3	0	22.36	22.36	22.46		
1.4	QPSK	3	1	22.28	22.43	22.22		
1.4	QPSK	3	3	22.26	22.32	22.20		
1.4	QPSK	6	0	21.26	21.33	21.19	23	1
1.4	16QAM	1	0	21.17	21.25	21.04		
1.4	16QAM	1	3	21.12	21.21	21.20		
1.4	16QAM	1	5	21.27	21.50	21.29	23	1
1.4	16QAM	3	0	21.27	21.48	21.45		
1.4	16QAM	3	1	21.38	21.43	21.23		
1.4	16QAM	3	3	21.32	21.39	21.43		
1.4	16QAM	6	0	20.39	20.50	20.49	22	2
1.4	64QAM	1	0	20.42	20.50	20.40		
1.4	64QAM	1	3	20.51	20.38	20.20		
1.4	64QAM	1	5	20.37	20.24	20.38	22	2
1.4	64QAM	3	0	20.27	20.33	20.50		
1.4	64QAM	3	1	20.41	20.46	20.39		
1.4	64QAM	3	3	20.59	20.36	20.44		
1.4	64QAM	6	0	19.36	19.41	19.27	21	3
1.4	256QAM	1	0	17.28	17.45	17.33		
1.4	256QAM	1	3	17.44	17.26	17.47		
1.4	256QAM	1	5	17.23	17.31	17.28	19	5
1.4	256QAM	3	0	17.44	17.47	17.40		
1.4	256QAM	3	1	17.30	17.42	17.34		
1.4	256QAM	3	3	17.37	17.45	17.47		
1.4	256QAM	6	0	17.30	17.22	17.30	19	5

Band 4 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.92	22.99	22.79		
20	QPSK	1	49	22.75	22.72	22.78	24	0
20	QPSK	1	99	22.73	22.89	22.81		
20	QPSK	50	0	21.83	22.04	21.91		
20	QPSK	50	24	21.88	21.87	21.77	23	1
20	QPSK	50	50	21.62	21.93	21.88		
20	QPSK	100	0	21.72	21.86	21.84		
20	16QAM	1	0	21.77	21.63	21.67		
20	16QAM	1	49	21.69	21.71	21.78	23	1
20	16QAM	1	99	21.75	21.94	21.79		
20	16QAM	50	0	20.77	20.94	20.94		
20	16QAM	50	24	20.76	20.94	21.01	22	2
20	16QAM	50	50	20.99	20.86	20.78		
20	16QAM	100	0	21.05	20.97	21.03		
20	64QAM	1	0	21.01	20.91	21.07		
20	64QAM	1	49	20.93	20.69	20.90	22	2
20	64QAM	1	99	20.91	20.81	20.92		
20	64QAM	50	0	19.81	19.73	19.82		
20	64QAM	50	24	19.98	19.79	19.92	21	3
20	64QAM	50	50	19.83	19.98	19.74		
20	64QAM	100	0	19.83	19.95	19.75		
20	256QAM	1	0	17.86	17.93	17.82		
20	256QAM	1	49	18.00	17.93	17.87	19	5
20	256QAM	1	99	17.81	17.78	17.73		
20	256QAM	50	0	17.89	17.96	17.93		
20	256QAM	50	24	17.64	17.88	17.77	19	5
20	256QAM	50	50	17.89	17.99	17.88		
20	256QAM	100	0	17.90	17.91	17.83		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.93	22.86	22.79		
15	QPSK	1	37	22.65	22.82	22.82	24	0
15	QPSK	1	74	22.72	22.74	22.63		
15	QPSK	36	0	21.88	21.84	21.94		
15	QPSK	36	20	21.76	21.90	21.74	23	1
15	QPSK	36	39	21.59	21.96	21.82		
15	QPSK	75	0	21.72	21.86	21.69		
15	16QAM	1	0	21.68	21.72	21.61		
15	16QAM	1	37	21.77	21.69	21.68	23	1
15	16QAM	1	74	21.74	21.96	21.69		
15	16QAM	36	0	20.71	21.02	20.94		
15	16QAM	36	20	20.93	20.80	20.97	22	2
15	16QAM	36	39	20.85	20.76	20.94		
15	16QAM	75	0	20.90	21.03	20.90		
15	64QAM	1	0	20.83	20.97	20.97		
15	64QAM	1	37	21.09	20.83	20.87	22	2
15	64QAM	1	74	20.98	20.72	21.06		
15	64QAM	36	0	19.99	19.84	19.69		
15	64QAM	36	20	19.94	19.99	19.97	21	3
15	64QAM	36	39	20.05	19.92	19.85		
15	64QAM	75	0	19.75	19.86	19.69		
15	256QAM	1	0	17.75	17.81	17.88		
15	256QAM	1	37	17.89	17.80	17.92	19	5
15	256QAM	1	74	17.72	17.80	17.93		
15	256QAM	36	0	17.91	17.92	17.91		
15	256QAM	36	20	17.61	17.78	17.82	19	5
15	256QAM	36	39	17.76	17.88	17.98		
15	256QAM	75	0	17.81	17.87	17.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.93	22.87	22.81		
10	QPSK	1	25	22.68	22.84	22.71	24	0
10	QPSK	1	49	22.81	22.95	22.64		
10	QPSK	25	0	21.78	21.99	21.76		
10	QPSK	25	12	21.74	21.86	21.70	23	1
10	QPSK	25	25	21.67	21.95	21.73		
10	QPSK	50	0	21.79	21.85	21.81		
10	16QAM	1	0	21.77	21.79	21.68		
10	16QAM	1	25	21.64	21.66	21.67	23	1
10	16QAM	1	49	21.79	21.91	21.78		
10	16QAM	25	0	20.87	20.98	20.89		
10	16QAM	25	12	20.90	20.95	20.88	22	2
10	16QAM	25	25	20.96	20.89	20.84		
10	16QAM	50	0	21.04	20.92	20.87		
10	64QAM	1	0	20.87	21.08	21.00		
10	64QAM	1	25	20.91	20.70	20.84	22	2
10	64QAM	1	49	20.97	20.79	20.94		
10	64QAM	25	0	19.96	19.71	19.85		
10	64QAM	25	12	19.86	19.86	19.93	21	3
10	64QAM	25	25	19.94	19.94	19.80		
10	64QAM	50	0	19.89	19.95	19.66		
10	256QAM	1	0	17.97	17.81	17.90		
10	256QAM	1	25	17.83	17.84	17.97	19	5
10	256QAM	1	49	17.88	17.78	17.73		
10	256QAM	25	0	17.96	17.82	17.92		
10	256QAM	25	12	17.75	17.82	17.91	19	5
10	256QAM	25	25	17.82	17.96	17.98		
10	256QAM	50	0	17.93	17.88	17.93		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.96	22.95	22.85		
5	QPSK	1	12	22.69	22.88	22.77	24	0
5	QPSK	1	24	22.79	22.81	22.77		
5	QPSK	12	0	21.78	21.90	21.89		
5	QPSK	12	7	21.77	21.94	21.91	23	1
5	QPSK	12	13	21.79	21.78	21.90		
5	QPSK	25	0	21.73	21.89	21.82		
5	16QAM	1	0	21.77	21.78	21.61		
5	16QAM	1	12	21.75	21.78	21.67	23	1
5	16QAM	1	24	21.76	21.81	21.70		
5	16QAM	12	0	20.74	20.84	20.94		
5	16QAM	12	7	20.75	20.81	21.06	22	2
5	16QAM	12	13	20.96	20.84	20.76		
5	16QAM	25	0	20.97	20.91	21.06		
5	64QAM	1	0	21.02	20.89	20.97		
5	64QAM	1	12	20.95	20.85	20.88	22	2
5	64QAM	1	24	20.83	20.84	20.89		
5	64QAM	12	0	19.79	19.82	19.68		
5	64QAM	12	7	19.94	20.00	19.90	21	3
5	64QAM	12	13	19.81	19.83	19.87		
5	64QAM	25	0	19.87	19.86	19.68		
5	256QAM	1	0	17.96	17.91	17.98		
5	256QAM	1	12	17.85	17.82	17.96	19	5
5	256QAM	1	24	17.73	17.93	17.85		
5	256QAM	12	0	17.89	17.91	17.85		
5	256QAM	12	7	17.79	17.95	17.78	19	5
5	256QAM	12	13	17.82	17.99	18.01		
5	256QAM	25	0	17.91	17.73	17.87		
Channel				19950	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.82	22.95	22.84		
3	QPSK	1	8	22.63	22.93	22.61	24	0
3	QPSK	1	14	22.74	22.97	22.82		
3	QPSK	8	0	21.82	22.01	21.79		
3	QPSK	8	4	21.74	22.00	21.75	23	1
3	QPSK	8	7	21.70	21.78	21.74		
3	QPSK	15	0	21.78	21.90	21.89		
3	16QAM	1	0	21.83	21.69	21.75		
3	16QAM	1	8	21.67	21.72	21.68	23	1
3	16QAM	1	14	21.94	21.91	21.66		
3	16QAM	8	0	20.76	20.86	20.96		
3	16QAM	8	4	20.84	20.98	21.00	22	2
3	16QAM	8	7	20.89	20.77	20.74		
3	16QAM	15	0	20.91	21.09	20.95		
3	64QAM	1	0	21.00	20.91	20.96		
3	64QAM	1	8	21.09	20.72	20.68	22	2
3	64QAM	1	14	20.82	20.70	20.92		
3	64QAM	8	0	19.94	19.67	19.71		
3	64QAM	8	4	19.81	19.88	19.77	21	3
3	64QAM	8	7	20.01	19.95	19.90		
3	64QAM	15	0	19.77	20.01	19.72		
3	256QAM	1	0	17.92	17.99	17.76		
3	256QAM	1	8	17.79	17.81	17.82	19	5
3	256QAM	1	14	17.83	17.91	17.80		
3	256QAM	8	0	17.85	17.89	17.95		
3	256QAM	8	4	17.79	17.92	17.83	19	5
3	256QAM	8	7	17.89	17.90	17.84		
3	256QAM	15	0	17.86	17.72	17.90		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.92	22.94	22.61		
1.4	QPSK	1	3	22.53	22.59	22.63		
1.4	QPSK	1	5	22.59	22.88	22.76	24	0
1.4	QPSK	3	0	22.91	22.83	22.62		
1.4	QPSK	3	1	22.55	22.61	22.61		
1.4	QPSK	3	3	22.59	22.85	22.83		
1.4	QPSK	6	0	21.67	21.88	21.81	23	1
1.4	16QAM	1	0	21.59	21.43	21.48		
1.4	16QAM	1	3	21.53	21.66	21.62		
1.4	16QAM	1	5	21.58	21.81	21.59	23	1
1.4	16QAM	3	0	21.65	21.92	21.77		
1.4	16QAM	3	1	21.67	21.67	21.56		
1.4	16QAM	3	3	21.58	21.93	21.66		
1.4	16QAM	6	0	20.98	20.95	20.85	22	2
1.4	64QAM	1	0	20.92	20.76	21.06		
1.4	64QAM	1	3	20.90	20.61	20.79		
1.4	64QAM	1	5	20.93	20.78	20.82	22	2
1.4	64QAM	3	0	20.56	20.79	20.80		
1.4	64QAM	3	1	20.56	20.89	21.01		
1.4	64QAM	3	3	21.00	20.81	20.79		
1.4	64QAM	6	0	19.81	19.84	19.72	21	3
1.4	256QAM	1	0	17.73	17.85	17.83		
1.4	256QAM	1	3	18.00	17.71	17.66		
1.4	256QAM	1	5	17.71	17.63	17.55	19	5
1.4	256QAM	3	0	17.86	17.95	17.82		
1.4	256QAM	3	1	17.59	17.90	17.75		
1.4	256QAM	3	3	17.84	17.83	17.84		
1.4	256QAM	6	0	17.75	17.78	17.67	19	5

Band 5 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.92	22.97	22.95		
10	QPSK	1	25	22.72	22.94	22.81	24	0
10	QPSK	1	49	22.83	22.85	22.94		
10	QPSK	25	0	21.93	21.97	21.89		
10	QPSK	25	12	21.94	21.91	21.83	23	1
10	QPSK	25	25	21.75	21.85	21.88		
10	QPSK	50	0	21.88	21.95	21.90		
10	16QAM	1	0	21.89	21.90	21.81		
10	16QAM	1	25	21.95	21.80	21.69	23	1
10	16QAM	1	49	21.78	21.80	21.82		
10	16QAM	25	0	20.95	20.90	20.83		
10	16QAM	25	12	20.83	20.88	20.91	22	2
10	16QAM	25	25	20.96	20.81	21.00		
10	16QAM	50	0	21.01	21.01	20.81		
10	64QAM	1	0

Band 7 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.07	23.18	23.06		
20	QPSK	1	49	23.01	23.15	22.83	24	0
20	QPSK	1	99	23.02	23.07	22.81		
20	QPSK	50	0	22.12	22.13	22.12		
20	QPSK	50	24	21.99	22.04	22.10	23	1
20	QPSK	50	50	22.08	22.00	22.06		
20	QPSK	100	0	22.10	22.15	22.01		
20	16QAM	1	0	21.88	22.14	22.10		
20	16QAM	1	49	21.73	21.91	21.93	23	1
20	16QAM	1	99	21.76	21.95	21.76		
20	16QAM	50	0	20.99	21.09	21.09		
20	16QAM	50	24	21.02	20.91	21.00	22	2
20	16QAM	50	50	20.90	21.06	20.97		
20	16QAM	100	0	20.84	21.17	20.95		
20	64QAM	1	0	21.03	21.09	21.01		
20	64QAM	1	49	20.63	20.90	20.89	22	2
20	64QAM	1	99	20.83	20.96	20.75		
20	64QAM	50	0	20.01	20.08	20.03		
20	64QAM	50	24	19.92	19.87	19.97	21	3
20	64QAM	50	50	19.84	19.99	19.90		
20	64QAM	100	0	19.80	20.01	19.80		
20	256QAM	1	0	17.92	18.29	17.97		
20	256QAM	1	49	17.84	17.85	17.85	19	5
20	256QAM	1	99	17.93	17.99	17.88		
20	256QAM	50	0	17.98	18.26	17.90		
20	256QAM	50	24	18.01	18.11	17.78	19	5
20	256QAM	50	50	17.95	18.05	17.92		
20	256QAM	100	0	17.82	18.17	17.90		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.02	23.09	23.06		
15	QPSK	1	37	23.00	23.13	22.82	24	0
15	QPSK	1	74	23.02	23.06	22.68		
15	QPSK	36	0	22.02	22.13	21.99		
15	QPSK	36	20	21.78	21.90	21.89	23	1
15	QPSK	36	39	22.09	21.96	21.99		
15	QPSK	75	0	22.06	22.08	21.90		
15	16QAM	1	0	21.79	21.96	21.88		
15	16QAM	1	37	21.55	21.86	21.81	23	1
15	16QAM	1	74	21.74	21.96	21.77		
15	16QAM	36	0	20.93	21.01	21.09		
15	16QAM	36	20	20.83	20.90	20.93	22	2
15	16QAM	36	39	20.89	20.89	20.91		
15	16QAM	75	0	20.72	21.06	20.81		
15	64QAM	1	0	20.83	20.96	20.82		
15	64QAM	1	37	20.46	20.81	20.89	22	2
15	64QAM	1	74	20.70	20.79	20.69		
15	64QAM	36	0	19.88	19.93	20.04		
15	64QAM	36	20	19.73	19.88	19.97	21	3
15	64QAM	36	39	19.63	19.91	19.91		
15	64QAM	75	0	19.64	20.00	19.71		
15	256QAM	1	0	18.19	18.25	17.96		
15	256QAM	1	37	18.22	18.30	18.19	19	5
15	256QAM	1	74	18.22	18.08	18.13		
15	256QAM	36	0	17.92	18.15	17.79		
15	256QAM	36	20	18.02	18.02	17.80	19	5
15	256QAM	36	39	17.81	17.89	17.93		
15	256QAM	75	0	17.63	18.10	17.82		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.87	23.00	23.06		
10	QPSK	1	25	22.84	23.16	22.67	24	0
10	QPSK	1	49	22.86	22.95	22.80		
10	QPSK	25	0	22.13	21.97	22.02		
10	QPSK	25	12	21.89	22.02	21.96	23	1
10	QPSK	25	25	21.93	21.93	22.07		
10	QPSK	50	0	22.00	22.03	21.86		
10	16QAM	1	0	21.74	22.14	22.09		
10	16QAM	1	25	21.68	21.70	21.82	23	1
10	16QAM	1	49	21.77	21.86	21.71		
10	16QAM	25	0	20.91	20.98	21.01		
10	16QAM	25	12	20.97	20.84	20.87	22	2
10	16QAM	25	25	20.71	20.85	20.77		
10	16QAM	50	0	20.81	21.13	20.85		
10	64QAM	1	0	20.92	20.92	20.98		
10	64QAM	1	25	20.54	20.71	20.70	22	2
10	64QAM	1	49	20.75	20.94	20.70		
10	64QAM	25	0	19.83	20.09	19.91		
10	64QAM	25	12	19.86	19.70	19.82	21	3
10	64QAM	25	25	19.66	19.90	19.79		
10	64QAM	50	0	19.81	19.97	19.59		
10	256QAM	1	0	17.90	18.13	17.96		
10	256QAM	1	25	17.70	17.81	17.71	19	5
10	256QAM	1	49	17.73	17.88	17.72		
10	256QAM	25	0	17.95	18.17	17.92		
10	256QAM	25	12	17.80	18.00	18.03	19	5
10	256QAM	25	25	17.91	18.03	18.01		
10	256QAM	50	0	17.72	17.98	17.71		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.97	23.06	22.88		
5	QPSK	1	12	22.89	23.12	22.62	24	0
5	QPSK	1	24	22.91	22.87	22.72		
5	QPSK	12	0	22.13	21.93	22.12		
5	QPSK	12	7	21.90	22.03	22.09	23	1
5	QPSK	12	13	21.94	21.79	21.85		
5	QPSK	25	0	22.09	22.20	21.94		
5	16QAM	1	0	21.69	21.96	21.99		
5	16QAM	1	12	21.56	21.82	21.72	23	1
5	16QAM	1	24	21.72	21.75	21.77		
5	16QAM	12	0	20.88	21.07	21.06		
5	16QAM	12	7	20.92	20.79	20.97	22	2
5	16QAM	12	13	20.87	20.99	20.81		
5	16QAM	25	0	20.77	21.04	20.74		
5	64QAM	1	0	20.84	20.98	20.97		
5	64QAM	1	12	20.61	20.79	20.90	22	2
5	64QAM	1	24	20.81	20.95	20.94		
5	64QAM	12	0	19.99	19.96	19.84		
5	64QAM	12	7	19.71	19.78	19.81	21	3
5	64QAM	12	13	19.85	19.98	19.77		
5	64QAM	25	0	19.62	20.01	19.68		
5	256QAM	1	0	17.89	18.12	17.92		
5	256QAM	1	12	17.85	17.71	17.68	19	5
5	256QAM	1	24	17.82	17.83	17.85		
5	256QAM	12	0	17.94	18.13	17.80		
5	256QAM	12	7	18.01	18.08	17.79	19	5
5	256QAM	12	13	17.86	17.85	17.79		
5	256QAM	25	0	18.02	18.14	17.90		

Band 12 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.12	23.16	23.07		
10	QPSK	1	25	23.05	23.11	22.89	24	0
10	QPSK	1	49	22.95	23.00	22.98		
10	QPSK	25	0	22.10	22.13	22.02		
10	QPSK	25	12	21.89	22.01	21.80	23	1
10	QPSK	25	25	22.10	21.97	21.98		
10	QPSK	50	0	22.04	22.08	21.97		
10	16QAM	1	0	22.07	22.00	21.90		
10	16QAM	1	25	22.03	22.12	21.99	23	1
10	16QAM	1	49	21.95	22.05	21.95		
10	16QAM	25	0	21.25	21.05	21.20		
10	16QAM	25	12	21.05	21.14	21.06	22	2
10	16QAM	25	25	21.24	21.05	21.10		
10	16QAM	50	0	21.07	21.15	21.06		
10	64QAM	1	0	21.11	21.24	21.24		
10	64QAM	1	25	21.11	21.08	21.13	22	2
10	64QAM	1	49	21.20	21.15	21.21		
10	64QAM	25	0	20.11	20.05	20.11		
10	64QAM	25	12	19.95	20.08	19.97	21	3
10	64QAM	25	25	19.91	19.97	19.92		
10	64QAM	50	0	20.00	20.09	19.95		
10	256QAM	1	0	18.07	18.08	18.04		
10	256QAM	1	25	18.05	18.16	18.16	19	5
10	256QAM	1	49	18.20	18.03	18.02		
10	256QAM	25	0	18.12	18.12	18.06		
10	256QAM	25	12	18.19	18.23	18.11	19	5
10	256QAM	25	25	18.15	18.02	18.09		
10	256QAM	50	0	18.15	18.08	18.13		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.06	22.96	22.93		
5	QPSK	1	12	22.84	23.04	22.85	24	0
5	QPSK	1	24	22.79	22.79	22.94		
5	QPSK	12	0	21.89	22.00	21.82		
5	QPSK	12	7	21.79	21.84	21.75	23	1
5	QPSK	12	13	22.05	21.82	21.91		
5	QPSK	25	0	21.95	21.90	21.88		
5	16QAM	1	0	21.98	21.93	21.82		
5	16QAM	1	12	21.96	21.96	21.92	23	1
5	16QAM	1	24	21.82	21.84	21.74		
5	16QAM	12	0	21.18	20.97	21.11		
5	16QAM	12	7	20.94	21.05	20.96	22	2
5	16QAM	12	13	21.03	20.99	21.01		
5	16QAM	25	0	20.91	21.02	20.88		
5	64QAM	1	0	20.95	21.19	21.07		
5	64QAM	1	12	21.00	20.95	20.98	22	2
5	64QAM	1	24	21.10	21.08	20.99		
5	64QAM	12	0	19.93	20.01	20.03		
5	64QAM	12	7	19.84	19.93	19.83	21	3
5	64QAM	12	13	19.70	19.80	19.71		
5	64QAM	25	0	19.95	20.04	19.79		
5	256QAM	1	0	18.01	17.87	17.87		
5	256QAM	1	12	17.93	17.99	18.11	19	5
5	256QAM	1	24	18.05	17.96	17.85		
5	256QAM	12	0	17.97	18.05	17.84		
5	256QAM	12	7	18.07	18.16	17.97	19	5
5	256QAM	12	13	17.99	17.88	17.89		
5	256QAM	25	0	18.00	17.88	18.03		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.98	23.06	22.87		
3	QPSK	1	8	22.86	22.94	22.75	24	0
3	QPSK	1	14	22.73	22.93	22.86		
3	QPSK	8	0	21.98	21.98	21.90		
3	QPSK	8	4	21.73	21.79	21.75	23	1
3	QPSK	8	7	22.00	21.85	21.78		
3	QPSK	15	0	21.92	21.93	21.89		
3	16QAM	1	0	21.94	21.88	21.73		
3	16QAM	1	8	21.86	22.01	21.82	23	1
3	16QAM	1	14	21.81	21.96	21.75		
3	16QAM	8	0	21.12	20.87	21.01		
3	16QAM	8	4	21.00	21.03	20.95	22	2
3	16QAM	8	7	21.08	20.98	20.99		
3	16QAM	15	0	20.95	21.09	20.90		
3	64QAM	1	0	20.97	21.18	21.13		
3	64QAM	1	8	20.91	21.00	20.91	22	2
3	64QAM	1	14	21.03	21.08	21.00		
3	64QAM	8	0	20.00	19.83	19.92		
3	64QAM	8	4	19.81	20.01	19.85	21	3
3	64QAM	8	7	19.73	19.80	19.77		
3	64QAM	15	0	19.93	20.01	19.83		
3	256QAM	1	0	17.92	17.90	17.93		
3	256QAM	1	8	17.89	17.96	18.02	19	5
3	256QAM	1	14	18.10	17.87	17.93		
3	256QAM	8	0	18.00	18.03	17.86		
3	256QAM	8	4	18.14	18.13	18.04	19	5
3	256QAM	8	7	18.06	17.91	18.01		
3	256QAM	15	0	18.11	17.89	18.01		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.97	23.01	22.99		
1.4	QPSK	1	3	22.86	23.01	22.82	24	0
1.4	QPSK	1	5	22.88	22.95	22.89		
1.4	QPSK	3	0	23.04	23.01	23.02		
1.4	QPSK	3	1	22.90	22.96	22.84		
1.4	QPSK	3	3	22.87	22.94	22.81		
1.4	QPSK	6	0	21.88	21.91	21.89	23	1
1.4	16QAM	1	0	21.86	21.90	21.73		
1.4	16QAM	1	3	21.96	22.01	21.87		
1.4	16QAM	1	5	21.86	21.97	21.85	23	1
1.4	16QAM	3	0	21.96	22.04	21.89		
1.4	16QAM	3	1	21.79	21.87	21.65		
1.4	16QAM	3	3	21.88	21.77	21.87		
1.4	16QAM	6	0	20.98	21.01	20.94	22	2
1.4	64QAM	1	0	20.99	21.04	21.08		
1.4	64QAM	1	3	20.94	20.95	21.03		
1.4	64QAM	1	5	21.11	20.95	21.04	22	2
1.4	64QAM	3	0	20.92	20.92	20.91		
1.4	64QAM	3	1	21.07	20.96	20.88		
1.4	64QAM	3	3	21.00	21.05	20.85		
1.4	64QAM	6	0	19.88	20.04	19.90	21	3
1.4	256QAM	1	0	17.89	17.88	17.99		
1.4	256QAM	1	3	17.93	18.01	18.07		
1.4	256QAM	1	5	18.13	17.82	17.96	19	5
1.4	256QAM	3	0	18.05	17.94	17.86		
1.4	256QAM	3	1	18.00	18.12	17.91		
1.4	256QAM	3	3	17.98	17.86	17.91		
1.4	256QAM	6	0	18.09	17.99	17.95	19	5

Band 13 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.44			
10	QPSK	1	25		23.35		24	0
10	QPSK	1	49		23.30			
10	QPSK	25	0		22.48			
10	QPSK	25	12		22.37		23	1
10	QPSK	25	25		22.44			
10	QPSK	50	0		22.41			
10	16QAM	1	0		22.39			
10	16QAM	1	25		22.49		23	1
10	16QAM	1	49		22.32			
10	16QAM	25	0		21.54			
10	16QAM	25	12		21.55		22	2
10	16QAM	25	25		21.42			
10	16QAM	50	0		21.47			
10	64QAM	1	0		21.43			
10	64QAM	1	25		21.48		22	2
10	64QAM	1	49		21.55			
10	64QAM	25	0		20.46			
10	64QAM	25	12		20.36		21	3
10	64QAM	25	25		20.44			
10	64QAM	50	0		20.40			
10	256QAM	1	0		18.57			
10	256QAM	1	25		18.37		19	5
10	256QAM	1	49		18.42			
10	256QAM	25	0		18.51			
10	256QAM	25	12		18.48		19	5
10	256QAM	25	25		18.37			
10	256QAM	50	0		18.42			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.33	23.35	23.26		
5	QPSK	1	12	23.21	23.20	23.18	24	0
5	QPSK	1	24	23.22	23.17	23.20		
5	QPSK	12	0	22.43	22.35	22.41		
5	QPSK	12	7	22.23	22.18	22.22	23	1
5	QPSK	12	13	22.32	22.30	22.29		
5	QPSK	25	0	22.36	22.25	22.37		
5	16QAM	1	0	22.18	22.24	22.32		
5	16QAM	1	12	22.30	22.30	22.38	23	1
5	16QAM	1	24	22.15	22.14	22.14		
5	16QAM	12	0	21.43	21.48	21.48		
5	16QAM	12	7	21.43	21.43	21.49	22	2
5	16QAM	12	13	21.36	21.26	21.37		
5	16QAM	25	0	21.30	21.35	21.43		
5	64QAM	1	0	21.30	21.33	21.23		
5	64QAM	1	12	21.31	21.29	21.31	22	2
5	64QAM	1	24	21.42	21.39	21.35		
5	64QAM	12	0	20.26	20.39	20.41		
5	64QAM	12	7	20.25	20.16	20.15	21	3
5	64QAM	12	13	20.36	20.23	20.27		
5	64QAM	25	0	20.24	20.19	20.35		
5	256QAM	1	0	18.36	18.41	18.49		
5	256QAM	1	12	18.15	18.15	18.16	19	5
5	256QAM	1	24	18.37	18.24	18.26		
5	256QAM	12	0	18.47	18.41	18.40		
5	256QAM	12	7	18.41	18.28	18.32	19	5
5	256QAM	12	13	18.23	18.32	18.17		
5	256QAM	25	0	18.35	18.33	18.31		

Band 17 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.04	23.13	23.00	24	0
10	QPSK	1	25	22.86	23.01	22.81		
10	QPSK	1	49	22.86	23.06	23.02		
10	QPSK	25	0	22.01	22.06	21.98	23	1
10	QPSK	25	12	21.92	21.87	21.83		
10	QPSK	25	25	21.84	21.96	21.84		
10	QPSK	50	0	21.96	22.05	21.92		
10	16QAM	1	0	21.80	22.06	21.85	23	1
10	16QAM	1	25	21.92	22.06	21.91		
10	16QAM	1	49	21.93	22.04	21.89		
10	16QAM	25	0	21.05	20.96	21.13	22	2
10	16QAM	25	12	21.09	21.04	21.07		
10	16QAM	25	25	20.92	21.01	21.12		
10	16QAM	50	0	21.12	21.12	21.10		
10	64QAM	1	0	20.92	21.08	20.90	22	2
10	64QAM	1	25	20.91	21.09	21.10		
10	64QAM	1	49	20.90	21.03	21.03		
10	64QAM	25	0	19.99	20.00	20.01	21	3
10	64QAM	25	12	19.94	19.94	20.07		
10	64QAM	25	25	20.10	19.92	20.00		
10	64QAM	50	0	19.98	19.94	20.06		
10	256QAM	1	0	18.01	18.13	18.07	19	5
10	256QAM	1	25	18.02	18.11	18.12		
10	256QAM	1	49	18.15	18.08	17.97		
10	256QAM	25	0	18.01	17.99	17.94	19	5
10	256QAM	25	12	18.08	18.11	18.05		
10	256QAM	25	25	18.03	17.99	17.95		
10	256QAM	50	0	18.02	18.05	17.95		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.98	23.06	22.80	24	0
5	QPSK	1	12	22.76	22.82	22.73		
5	QPSK	1	24	22.66	22.85	22.80		
5	QPSK	12	0	21.87	21.86	21.83	23	1
5	QPSK	12	7	21.78	21.75	21.73		
5	QPSK	12	13	21.79	21.89	21.78		
5	QPSK	25	0	21.85	21.92	21.83		
5	16QAM	1	0	21.59	21.89	21.72	23	1
5	16QAM	1	12	21.72	21.99	21.71		
5	16QAM	1	24	21.76	21.86	21.85		
5	16QAM	12	0	20.89	20.86	21.05	22	2
5	16QAM	12	7	20.88	20.94	20.94		
5	16QAM	12	13	20.78	20.94	20.95		
5	16QAM	25	0	20.93	20.93	20.98		
5	64QAM	1	0	20.76	20.97	20.80	22	2
5	64QAM	1	12	20.84	20.93	21.05		
5	64QAM	1	24	20.70	20.83	20.98		
5	64QAM	12	0	19.79	19.79	19.85	21	3
5	64QAM	12	7	19.86	19.88	19.86		
5	64QAM	12	13	19.95	19.77	19.82		
5	64QAM	25	0	19.85	19.84	19.89		
5	256QAM	1	0	17.82	17.92	18.00	19	5
5	256QAM	1	12	17.94	17.98	18.06		
5	256QAM	1	24	18.02	17.91	17.91		
5	256QAM	12	0	17.81	17.93	17.72	19	5
5	256QAM	12	7	18.01	18.03	17.84		
5	256QAM	12	13	17.97	17.85	17.82		
5	256QAM	25	0	17.89	17.89	17.80		

Band 26 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.98	23.05	23.03	24	0
15	QPSK	1	37	22.96	23.04	23.01		
15	QPSK	1	74	22.96	22.94	22.97		
15	QPSK	36	0	22.01	22.09	21.96	23	1
15	QPSK	36	20	21.92	22.01	21.86		
15	QPSK	36	39	22.00	21.99	21.94		
15	QPSK	75	0	21.97	22.04	21.94		
15	16QAM	1	0	21.89	21.89	21.87	23	1
15	16QAM	1	37	21.86	21.93	21.86		
15	16QAM	1	74	21.79	22.10	21.92		
15	16QAM	36	0	21.06	20.96	20.97	22	2
15	16QAM	36	20	21.09	21.12	20.92		
15	16QAM	36	39	21.11	20.92	21.10		
15	16QAM	75	0	21.07	20.97	21.07		
15	64QAM	1	0	21.10	20.96	20.99	22	2
15	64QAM	1	37	21.08	20.96	20.99		
15	64QAM	1	74	20.98	21.08	20.91		
15	64QAM	36	0	20.03	20.00	20.09	21	3
15	64QAM	36	20	19.96	19.93	19.93		
15	64QAM	36	39	20.00	19.91	20.10		
15	64QAM	75	0	19.98	19.96	20.02		
15	256QAM	1	0	18.08	18.19	18.14	19	5
15	256QAM	1	37	18.24	18.22	18.06		
15	256QAM	1	74	18.12	18.14	18.16		
15	256QAM	36	0	18.20	18.23	18.17	19	5
15	256QAM	36	20	18.23	18.05	18.11		
15	256QAM	36	39	18.12	18.16	18.25		
15	256QAM	75	0	18.19	18.18	18.16		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.86	22.86	22.92	24	0
10	QPSK	1	25	22.81	22.84	22.88		
10	QPSK	1	49	22.75	22.64	22.91		
10	QPSK	25	0	21.84	21.88	21.89	23	1
10	QPSK	25	12	21.81	21.80	21.67		
10	QPSK	25	25	21.78	21.85	21.85		
10	QPSK	50	0	21.76	21.90	21.84		
10	16QAM	1	0	21.81	21.80	21.75	23	1
10	16QAM	1	25	21.79	21.84	21.74		
10	16QAM	1	49	21.64	21.93	21.86		
10	16QAM	25	0	21.00	20.80	20.88	22	2
10	16QAM	25	12	21.04	20.96	20.86		
10	16QAM	25	25	20.91	20.72	20.98		
10	16QAM	50	0	21.04	20.85	20.99		
10	64QAM	1	0	20.89	20.84	20.79	22	2
10	64QAM	1	25	20.91	20.89	20.92		
10	64QAM	1	49	20.92	21.02	20.87		
10	64QAM	25	0	19.81	19.81	19.93	21	3
10	64QAM	25	12	19.76	19.75	19.76		
10	64QAM	25	25	19.89	19.79	19.90		
10	64QAM	50	0	19.92	19.83	19.98		
10	256QAM	1	0	17.89	18.12	17.98	19	5
10	256QAM	1	25	18.15	18.04	17.87		
10	256QAM	1	49	18.06	18.06	18.02		
10	256QAM	25	0	18.04	18.08	18.13	19	5
10	256QAM	25	12	18.13	17.95	17.89		
10	256QAM	25	25	18.02	17.98	18.06		
10	256QAM	50	0	18.11	17.97	17.98		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.86	22.89	22.83	24	0
5	QPSK	1	12	22.84	22.89	22.89		
5	QPSK	1	24	22.85	22.62	22.80		
5	QPSK	12	0	21.81	21.99	21.90	23	1
5	QPSK	12	7	21.83	21.94	21.74		
5	QPSK	12	13	21.90	21.91	21.88		
5	QPSK	25	0	21.76	21.94	21.88		
5	16QAM	1	0	21.68	21.76	21.78	23	1
5	16QAM	1	12	21.67	21.79	21.68		
5	16QAM	1	24	21.58	21.98	21.82		
5	16QAM	12	0	21.01	20.82	20.81	22	2
5	16QAM	12	7	20.87	20.95	20.85		
5	16QAM	12	13	20.92	20.86	20.90		
5	16QAM	25	0	20.88	20.84	20.96		
5	64QAM	1	0	21.03	20.90	20.87	22	2
5	64QAM	1	12	20.86	20.81	20.93		
5	64QAM	1	24	20.89	21.01	20.81		
5	64QAM	12	0	19.97	19.87	19.94	21	3
5	64QAM	12	7	19.91	19.86	19.71		
5	64QAM	12	13	19.93	19.83	19.94		
5	64QAM	25	0	19.92	19.82	19.90		
5	256QAM	1	0	17.91	18.08	18.06	19	5
5	256QAM	1	12	18.02	18.02	17.94		
5	256QAM	1	24	18.02	18.00	18.05		
5	256QAM	12	0	18.00	18.17	18.08	19	5
5	256QAM	12	7	18.03	17.86	18.07		
5	256QAM	12	13	17.93	17.98	18.17		
5	256QAM	25	0	18.08	18.14	18.08		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.87	22.94	22.85	24	0
3	QPSK	1	8	22.84	22.95	22.84		
3	QPSK	1	14	22.69	22.70	22.76		
3	QPSK	8	0	21.93	21.93	21.79	23	1
3	QPSK	8	4	21.80	21.91	21.71		
3	QPSK	8	7	21.85	21.89	21.79		
3	QPSK	15	0	21.83	21.86	21.83		
3	16QAM	1	0	21.69	21.79	21.67	23	1
3	16QAM	1	8	21.81	21.72	21.72		
3	16QAM	1	14	21.73	21.90	21.87		
3	16QAM	8	0	20.99	20.90	20.78	22	2
3	16QAM	8	4	20.98	20.94	20.80		
3	16QAM	8	7	20.96	20.71	21.03		
3	16QAM	15	0	20.97	20.89	20.88		
3	64QAM	1	0	21.02	20.74	20.92	22	2
3	64QAM	1	8	20.88	20.78	20.94		
3	64QAM	1	14	20.84	20.95	20.72		
3	64QAM	8	0	19.82	19.87	19.99	21	3
3	64QAM	8	4	19.76	19.80	19.81		
3	64QAM	8	7	19.88	19.70	19.92		
3	64QAM	15	0	19.84	19.84	19.93		
3	256QAM	1	0	17.96	18.07	18.09	19	5
3	256QAM	1	8	18.18	18.07	18.01		
3	256QAM	1	14	17.91	18.05	17.96		
3	256QAM	8	0	17.99	18.03	18.06	19	5
3	256QAM	8	4	18.08	17.97	18.01		
3	256QAM	8	7	17.99	18.07	18.06		
3	256QAM	15	0	18.08	18.11	17.94		
Channel				26667	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.91	22.90	22.85	24	0
1.4	QPSK	1	3	22.83	22.84	22.91		
1.4	QPSK	1	5	22.83	22.67	22.90		
1.4	QPSK	3	0	22.93	22.93	22.86		
1.4	QPSK	3	1	22.85	22.99	22.82		
1.4	QPSK	3	3	22.82	22.69	22.91		
1.4	QPSK	6	0	21.87	21.98	21.77	23	1
1.4	16QAM	1	0	21.79	21.81	21.80	23	1
1.4	16QAM	1	3	21.67	21.86	21.73		
1.4	16QAM	1	5	21.64	21.95	21.85		
1.4	16QAM	3	0	21.83	21.97	21.80		
1.4	16QAM	3	1	21.72	21.87	21.73		
1.4	16QAM	3	3	21.91	21.81	21.86		
1.4	16QAM	6	0	20.87	20.84	21.02	22	2
1.4	64QAM	1	0	20.97	20.86	20.80	22	2
1.4	64QAM	1	3	20.91	20.81	20.92		
1.4	64QAM	1	5	20.94	20.98	20.72		
1.4	64QAM	3	0	20.87	20.76	20.82		
1.4	64QAM	3	1	20.90	20.99	20.75		
1.4	64QAM	3	3	20.93	20.80	20.95		
1.4	64QAM	6	0	19.84	19.76	19.95	21	3
1.4	256QAM	1	0	18.01	18.04	18.03	19	5
1.4	256QAM	1	3	18.17	18.03	17.94		
1.4	256QAM	1	5	18.04	18.08	18.06		
1.4	256QAM	3	0	18.01	18.11	18.05		
1.4	256QAM	3	1	18.19	17.97	18.03		
1.4	256QAM	3	3	18.03	17.96	18.18		
1.4	256QAM	6	0	18.05	18.13	18.04	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	22.93	23.01	22.84	24	0
20	QPSK	1	49	22.79	22.85	22.64		
20	QPSK	1	99	22.72	22.77	22.72		
20	QPSK	50	0	21.84	21.90	21.82	23	1
20	QPSK	50	24	21.62	21.78	21.64		
20	QPSK	50	50	21.85	21.74	21.77		
20	QPSK	100	0	21.77	21.83	21.71		
20	16QAM	1	0	21.71	21.80	21.71	23	1
20	16QAM	1	49	21.74	21.79	21.65		
20	16QAM	1	99	21.56	21.74	21.72		
20	16QAM	50	0	20.88	20.90	20.83	22	2
20	16QAM	50	24	20.78	20.90	20.85		
20	16QAM	50	50	20.74	20.88	20.81		
20	16QAM	100	0	20.85	20.84	20.71		
20	64QAM	1	0	20.74	20.90	20.76	22	2
20	64QAM	1	49	20.86	20.86	20.89		
20	64QAM	1	99	20.78	20.77	20.71		
20	64QAM	50	0	19.72	19.78	19.58	21	3
20	64QAM	50	24	19.83	19.65	19.69		
20	64QAM	50	50	19.77	19.66	19.62		
20	64QAM	100	0	19.65	19.71	19.77		
20	256QAM	1	0	17.71	17.83	17.84	19	5
20	256QAM	1	49	17.82	17.80	17.71		
20	256QAM	1	99	17.66	17.68	17.81		
20	256QAM	50	0	17.74	17.65	17.77	19	5
20	256QAM	50	24	17.69	17.74	17.75		
20	256QAM	50	50	17.85	17.76	17.65		
20	256QAM	100	0	17.68	17.74	17.79		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.78	22.82	22.69	24	0
15	QPSK	1	37	22.62	22.78	22.90		
15	QPSK	1	74	22.67	22.64	22.50		
15	QPSK	36	0	21.63	21.77	21.77	23	1
15	QPSK	36	20	21.52	21.61	21.46		
15	QPSK	36	39	21.78	21.54	21.63		
15	QPSK	75	0	21.71	21.69	21.49		
15	16QAM	1	0	21.60	21.59	21.63	23	1
15	16QAM	1	37	21.56	21.62	21.56		
15	16QAM	1	74	21.43	21.65	21.53		
15	16QAM	36	0	20.78	20.83	20.70	22	2
15	16QAM	36	20	20.61	20.77	20.73		
15	16QAM	36	39	20.56	20.84	20.59		
15	16QAM	75	0	20.69	20.79	20.60		
15	64QAM	1	0	20.60	20.77	20.57	22	2
15	64QAM	1	37	20.77	20.79	20.83		
15	64QAM	1	74	20.57	20.64	20.54		
15	64QAM	36	0	19.55	19.58	19.43	21	3
15	64QAM	36	20	19.46	19.54	19.56		
15	64QAM	36	39	19.70	19.59	19.53		
15	64QAM	75	0	19.53	19.64	19.67		
15	256QAM	1	0	17.65	17.73	17.76	19	5
15	256QAM	1	37	17.62	17.72	17.51		
15	256QAM	1	74	17.52	17.63	17.69		
15	256QAM	36	0	17.56	17.49	17.59	19	5
15	256QAM	36	20	17.50	17.66	17.70		
15	256QAM	36	39	17.77	17.60	17.46		
15	256QAM	75	0	17.63	17.59	17.69		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.77	22.92	22.65	24	0
10	QPSK	1	25	22.67	22.64	22.57		
10	QPSK	1	49	22.66	22.68	22.65		
10	QPSK	25	0	21.79	21.77	21.76	23	1
10	QPSK	25	12	21.43	21.58	21.49		
10	QPSK	25	25	21.80	21.67	21.70		
10	QPSK	50	0	21.68	21.66	21.63		
10	16QAM	1	0	21.52	21.72	21.67	23	1
10	16QAM	1	25	21.57	21.69	21.45		
10	16QAM	1	49	21.41	21.60	21.64		
10	16QAM	25	0	20.81	20.82	20.72	22	2
10	16QAM	25	12	20.64	20.85	20.66		
10	16QAM	25	25	20.60	20.71	20.59		
10	16QAM	50	0	20.74	20.77	20.50		
10	64QAM	1	0	20.53	20.79	20.59	22	2
10	64QAM	1	25	20.72	20.75	20.78		
10	64QAM	1	49	20.68	20.60	20.63		
10	64QAM	25	0	19.50	19.68	19.42	21	3
10	64QAM	25	12	19.51	19.54	19.47		
10	64QAM	25	25	19.61	19.49	19.49		
10	64QAM	50	0	19.57	19.66	19.69		
10	256QAM	1	0	17.50	17.73	17.67	19	5
10	256QAM	1	25	17.69	17.70	17.61		
10	256QAM	1	49	17.58	17.51	17.64		
10	256QAM	25	0	17.53	17.55	17.59	19	5
10	256QAM	25	12	17.61	17.61	17.70		
10	256QAM	25	25	17.72	17.73	17.45		
10	256QAM	50	0	17.47	17.64	17.73		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.77	22.82	22.78	24	0
5	QPSK	1	12	22.73	22.79	22.57		
5	QPSK	1	24	22.59	22.67	22.66		
5	QPSK	12	0	21.83	21.85	21.71	23	1
5	QPSK	12	7	21.47	21.69	21.44		
5	QPSK	12	13	21.70	21.63	21.70		
5	QPSK	25	0	21.70	21.68	21.54		
5	16QAM	1	0	21.53	21.71	21.51	23	1
5	16QAM	1	12	21.65	21.65	21.45		
5	16QAM	1	24	21.46	21.66	21.58		
5	16QAM	12	0	20.67	20.79	20.63	22	2
5	16QAM	12	7	20.70	20.81	20.65		
5	16QAM	12	13	20.63	20.72	20.74		
5	16QAM	25	0	20.71	20.62	20.63		
5	64QAM	1	0	20.60	20.68	20.59	22	2
5	64QAM	1	12	20.66	20.76	20.81		
5	64QAM	1	24	20.68	20.59	20.58		
5	64QAM	12	0	19.58	19.65	19.46	21	3
5	64QAM	12	7	19.57	19.45	19.55		
5	64QAM	12	13	19.69	19.58	19.53		
5	64QAM	25	0	19.56	19.49	19.64		
5	256QAM	1	0	17.56	17.63	17.77	19	5
5	256QAM	1	12	17.68	17.75	17.56		
5	256QAM	1	24	17.54	17.50	17.77		
5	256QAM	12	0	17.64	17.61	17.58	19	5
5	256QAM	12	7	17.54	17.54	17.66		
5	256QAM	12	13	17.76	17.67	17.43		
5	256QAM	25	0	17.51	17.56	17.74		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.73	22.88	22.68	24	0
3	QPSK	1	8	22.61	22.68	22.48		
3	QPSK	1	14	22.55	22.58	22.63		
3	QPSK	8	0	21.63	21.77	21.66	23	1
3	QPSK	8	4	21.44	21.63	21.42		
3	QPSK	8	7	21.67	21.66	21.57		
3	QPSK	15	0	21.57	21.61	21.50		
3	16QAM	1	0	21.59	21.74	21.63	23	1
3	16QAM	1	8	21.53	21.59	21.43		
3	16QAM	1	14	21.34	21.65	21.67		
3	16QAM	8	0	20.80	20.76	20.75	22	2
3	16QAM	8	4	20.71	20.72	20.73		
3	16QAM	8	7	20.68	20.76	20.71		
3	16QAM	15	0	20.67	20.66	20.60		
3	64QAM	1	0	20.56	20.75	20.72	22	2
3	64QAM	1	8	20.65	20.79	20.94		
3	64QAM	1	14	20.59	20.64	20.58		
3	64QAM	8	0	19.55	19.63	19.38	21	3
3	64QAM	8	4	19.49	19.47	19.49		
3	64QAM	8	7	19.70	19.58	19.55		
3	64QAM	15	0	19.49	19.65	19.60		
3	256QAM	1	0	17.57	17.71	17.72	19	5
3	256QAM	1	8	17.68	17.66	17.59		
3	256QAM	1	14	17.58	17.56	17.75		
3	256QAM	8	0	17.68	17.48	17.70	19	5
3	256QAM	8	4	17.50	17.58	17.53		
3	256QAM	8	7	17.79	17.70	17.56		
3	256QAM	15	0	17.48	17.65	17.57		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.77	22.83	22.75	24	0
1.4	QPSK	1	3	22.69	22.80	22.52		
1.4	QPSK	1	5	22.62	22.71	22.53		
1.4	QPSK	3	0	22.84	22.91	22.66		
1.4	QPSK	3	1	22.68	22.75	22.44		
1.4	QPSK	3	3	22.66	22.73	22.54		
1.4	QPSK	6	0	21.68	21.74	21.55	23	1
1.4	16QAM	1	0	21.64	21.67	21.53	23	1
1.4	16QAM	1	3	21.61	21.73	21.59		
1.4	16QAM	1	5	21.39	21.57	21.61		
1.4	16QAM	3	0	21.73	21.74	21.61		
1.4	16QAM	3	1	21.44	21.66	21.47		
1.4	16QAM	3	3	21.74	21.59	21.56		
1.4	16QAM	6	0	20.67	20.75	20.61	22	2
1.4	64QAM	1	0	20.54	20.74	20.64	22	2
1.4	64QAM	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.09	23.18	23.02	24	0
20	QPSK	1	49	23.05	22.97	22.75		
20	QPSK	1	99	22.93	23.01	22.69		
20	QPSK	50	0	22.06	22.10	22.05	23	1
20	QPSK	50	24	21.81	22.04	22.01		
20	QPSK	50	50	21.72	22.02	21.94		
20	QPSK	100	0	21.97	22.10	21.88		
20	16QAM	1	0	21.83	21.85	21.84	23	1
20	16QAM	1	49	21.61	21.65	21.67		
20	16QAM	1	99	21.65	21.68	21.59		
20	16QAM	50	0	20.82	20.89	20.86	22	2
20	16QAM	50	24	20.54	20.91	20.65		
20	16QAM	50	50	20.66	20.90	20.75		
20	16QAM	100	0	20.85	21.04	20.68		
20	64QAM	1	0	20.66	20.86	20.84	22	2
20	64QAM	1	49	20.61	20.72	20.44		
20	64QAM	1	99	20.50	20.83	20.56		
20	64QAM	50	0	19.85	19.84	19.72	21	3
20	64QAM	50	24	19.75	19.79	19.56		
20	64QAM	50	50	19.73	19.94	19.76		
20	64QAM	100	0	19.73	19.95	19.74		
20	256QAM	1	0	18.02	18.09	17.97	19	5
20	256QAM	1	49	17.89	18.04	17.84		
20	256QAM	1	99	17.90	18.15	17.80		
20	256QAM	50	0	18.09	18.13	18.02	19	5
20	256QAM	50	24	17.98	17.74	18.15		
20	256QAM	50	50	17.98	17.81	18.06		
20	256QAM	100	0	18.05	17.96	18.12		
Channel				37825	38000	38173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.94	23.00	22.85	24	0
15	QPSK	1	37	23.03	22.77	22.62		
15	QPSK	1	74	22.79	22.81	22.56		
15	QPSK	36	0	21.88	21.98	21.99	23	1
15	QPSK	36	20	21.71	21.87	21.82		
15	QPSK	36	39	21.63	22.02	21.74		
15	QPSK	75	0	21.89	22.04	21.85		
15	16QAM	1	0	21.78	21.78	21.64	23	1
15	16QAM	1	37	21.54	21.65	21.58		
15	16QAM	1	74	21.58	21.58	21.46		
15	16QAM	36	0	20.62	20.82	20.70	22	2
15	16QAM	36	20	20.78	20.73	20.74		
15	16QAM	36	39	20.90	20.92	20.85		
15	16QAM	75	0	20.75	20.83	20.88		
15	64QAM	1	0	20.53	20.86	20.79	22	2
15	64QAM	1	37	20.48	20.52	20.36		
15	64QAM	1	74	20.51	20.74	20.45		
15	64QAM	36	0	19.79	19.86	19.72	21	3
15	64QAM	36	20	19.59	19.70	19.50		
15	64QAM	36	39	19.66	19.73	19.61		
15	64QAM	75	0	19.69	19.74	19.73		
15	256QAM	1	0	17.97	17.99	17.86	19	5
15	256QAM	1	37	17.77	17.93	17.70		
15	256QAM	1	74	17.91	18.02	17.74		
15	256QAM	36	0	17.89	18.14	17.89	19	5
15	256QAM	36	20	17.98	17.74	18.09		
15	256QAM	36	39	17.76	17.70	18.04		
15	256QAM	75	0	17.86	17.77	18.10		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.99	23.11	22.97	24	0
10	QPSK	1	25	22.87	22.94	22.67		
10	QPSK	1	49	22.72	22.80	22.62		
10	QPSK	25	0	21.87	22.11	21.98	23	1
10	QPSK	25	12	22.04	21.85	21.90		
10	QPSK	25	25	22.06	21.98	21.95		
10	QPSK	50	0	21.79	21.97	21.75		
10	16QAM	1	0	21.82	21.74	21.62	23	1
10	16QAM	1	25	21.62	21.63	21.62		
10	16QAM	1	49	21.53	21.60	21.56		
10	16QAM	25	0	20.60	20.70	20.71	22	2
10	16QAM	25	12	20.45	20.87	20.44		
10	16QAM	25	25	20.59	20.68	20.65		
10	16QAM	50	0	20.66	20.87	20.59		
10	64QAM	1	0	20.52	20.78	20.84	22	2
10	64QAM	1	25	20.50	20.70	20.34		
10	64QAM	1	49	20.41	20.80	20.47		
10	64QAM	25	0	19.65	19.67	19.64	21	3
10	64QAM	25	12	19.63	19.65	19.49		
10	64QAM	25	25	19.57	19.73	19.71		
10	64QAM	50	0	19.68	19.85	19.53		
10	256QAM	1	0	18.01	17.92	17.78	19	5
10	256QAM	1	25	17.83	17.84	17.86		
10	256QAM	1	49	17.89	18.15	17.65		
10	256QAM	25	0	17.98	18.07	17.82	19	5
10	256QAM	25	12	17.95	17.70	18.07		
10	256QAM	25	25	17.77	17.83	17.94		
10	256QAM	50	0	18.01	17.92	18.11		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.94	22.96	22.89	24	0
5	QPSK	1	12	22.84	22.97	22.61		
5	QPSK	1	24	22.91	22.99	22.62		
5	QPSK	12	0	21.98	22.11	21.86	23	1
5	QPSK	12	7	21.78	22.05	22.00		
5	QPSK	12	13	21.71	21.84	21.89		
5	QPSK	25	0	21.96	21.98	21.75		
5	16QAM	1	0	21.76	21.73	21.77	23	1
5	16QAM	1	12	21.40	21.62	21.46		
5	16QAM	1	24	21.51	21.65	21.39		
5	16QAM	12	0	20.71	20.86	20.78	22	2
5	16QAM	12	7	20.51	20.87	20.47		
5	16QAM	12	13	20.62	20.70	20.76		
5	16QAM	25	0	20.82	20.99	20.57		
5	64QAM	1	0	20.49	20.68	20.74	22	2
5	64QAM	1	12	20.47	20.63	20.33		
5	64QAM	1	24	20.51	20.62	20.49		
5	64QAM	12	0	19.74	19.86	19.58	21	3
5	64QAM	12	7	19.63	19.74	19.66		
5	64QAM	12	13	19.62	19.92	19.75		
5	64QAM	25	0	19.63	19.86	19.61		
5	256QAM	1	0	17.85	18.07	17.95	19	5
5	256QAM	1	12	17.90	18.02	17.69		
5	256QAM	1	24	17.71	18.04	17.75		
5	256QAM	12	0	18.00	17.98	18.04	19	5
5	256QAM	12	7	17.89	17.74	18.02		
5	256QAM	12	13	17.97	17.63	17.86		
5	256QAM	25	0	17.87	17.75	18.12		

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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	22.37	22.62	22.34	22.50	24	0
20	QPSK	1	49	22.30	22.54	22.59	22.58	22.61		
20	QPSK	1	99	22.33	22.39	22.60	22.29	22.42		
20	QPSK	50	0	21.31	21.26	21.43	21.23	21.40	23	1
20	QPSK	50	24	21.09	21.08	21.35	21.18	21.33		
20	QPSK	50	50	21.05	21.06	21.34	21.16	21.30		
20	QPSK	100	0	21.10	21.12	21.38	21.13	21.31		
20	16QAM	1	0	21.08	21.07	21.43	21.10	21.34	23	1
20	16QAM	1	49	21.05	21.02	21.33	21.06	21.30		
20	16QAM	1	99	21.03	21.10	21.28	21.02	21.29		
20	16QAM	50	0	20.19	20.07	20.51	20.22	20.47	22	2
20	16QAM	50	24	20.07	20.20	20.54	20.12	20.44		
20	16QAM	50	50	20.10	20.19	20.49	20.20	20.34		
20	16QAM	100	0	20.25	20.15	20.35	20.29	20.32		
20	64QAM	1	0	20.27	20.21	20.52	20.08	20.51	22	2
20	64QAM	1	49	20.12	20.11	20.49	20.06	20.28		
20	64QAM	1	99	20.25	20.28	20.38	20.28	20.32		
20	64QAM	50	0	19.19	19.16	19.32	19.10	19.42	21	3
20	64QAM	50	24	19.20	19.18	19.42	19.19	19.37		
20	64QAM	50	50	19.16	19.27	19.53	19.08	19.29		
20	64QAM	100	0	19.20	19.13	19.48	19.09	19.50		
20	256QAM	1	0	17.25	17.07	17.40	17.25	17.39	19	5
20	256QAM	1	49	17.15	17.27	17.34	17.16	17.52		
20	256QAM	1	99	17.16	17.08	17.34	17.07	17.33		
20	256QAM	50	0	17.06	17.13	17.36	17.21	17.29	19	5
20	256QAM	50	24	17.25	17.07	17.45	17.07	17.47		
20	256QAM	50	50	17.24	17.07	17.34	17.15	17.46		
20	256QAM	100	0	17.22	17.08	17.36	17.10	17.29		
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	22.29	22.30	22.54	22.19	22.37	24.00	0
15	QPSK	1	37	22.20	22.35	22.47	22.53	22.55		
15	QPSK	1	74	22.27	22.19	22.43	22.10	22.33		
15	QPSK	36	0	21.20	21.16	21.41	21.21	21.33	23	1
15	QPSK	36	20	21.01	21.10	21.32	21.13	21.35		
15	QPSK	36	39	21.14	21.06	21.37	21.23	21.30		
15	QPSK	75	0	21.00	21.06	21.47	21.06	21.39		
15	16QAM	1	0	21.17	21.10	21.42	21.02	21.33	23	1
15	16QAM	1	37	21.02	21.05	21.42	21.01	21.34		
15	16QAM	1	74	21.10	21.15	21.27	21.05	21.37		
15	16QAM	36	0	20.15	20.04	20.50	20.21	20.39	22	2
15	16QAM	36	20	20.13	20.11	20.49	20.08	20.41		
15	16QAM	36	39	20.08	20.27	20.44	20.30	20.40		
15	16QAM	75	0	20.29	20.14	20.35	20.39	20.34		
15	64QAM	1	0	20.22	20.23	20.46	20.13	20.45	22	2
15	64QAM	1	37	20.07	20.01	20.43	20.06	20.29		
15	64QAM	1	74	20.19	20.35	20.29	20.20	20.27		
15	64QAM	36	0	19.11	19.18	19.23	19.32	19.34	21	3
15	64QAM	36	20	19.16	19.15	19.50	19.28	19.40		
15	64QAM	36	39	19.14	19.20	19.61	19.50	19.31		
15	64QAM	75	0	19.22	19.34	19.42	19.51	19.59		
15	256QAM	1	0	17.21	17.06	17.46	17.26	17.48	19	5
15	256QAM	1	37	17.19	17.34	17.35	17.25	17.43		
15	256QAM	1	74	17.18	17.15	17.27	17.12	17.35		
15	256QAM	36	0	17.02	17.04	17.30	17.13	17.25	19	5
15	256QAM	36	20	17.27	17.27	17.41	17.14	17.43		
15	256QAM	36	39	17.29	17.02	17.28	17.10	17.46		
15	256QAM	75	0	17.17	17.07	17.42	17.18	17.22		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.28	22.26	22.53	22.23	22.32	24.00	0
10	QPSK	1	25	22.16	22.44	22.35	22.34	22.53		
10	QPSK	1	49	22.09	22.33	22.49	22.05	22.31		
10	QPSK	25	0	21.19	21.11	21.51	21.13	21.41	23	1
10	QPSK	25	12	21.17	21.15	21.43	21.25	21.34		
10	QPSK	25	25	21.01	21.12	21.28	21.16	21.20		
10	QPSK	50	0	21.00	21.10	21.37	21.15	21.28		
10	16QAM	1	0	21.16	21.16	21.46	21.03	21.37	23	1
10	16QAM	1	25	21.02	21.02	21.29	21.01	21.36		
10	16QAM	1	49	21.11	21.02	21.29	21.04	21.20		
10	16QAM	25	0	20.21	20.47	20.58	20.26	20.45	22	2
10	16QAM	25	12	20.52	20.54	20.45	20.54	20.39		
10	16QAM	25	25	20.48	20.61	20.53	20.52	20.38		
10	16QAM	50	0	20.30	20.06	20.45	20.31	20.33		
10	64QAM	1	0	20.36	20.45	20.52	20.15	20.59	22	2
10	64QAM	1	25	20.46	20.49	20.55	20.50	20.26		
10	64QAM	1	49	20.35	20.30	20.32	20.30	20.39		
10	64QAM	25	0	19.16	19.22	19.23	19.13	19.47	21	3
10	64QAM	25	12	19.13	19.14	19.51	19.16	19.31		
10	64QAM	25	25	19.21	19.21	19.61	19.15	19.36		
10	64QAM	50	0	19.14	19.17	19.46	19.21	19.57		
10	256QAM	1	0	17.19	17.16	17.42	17.31	17.39	19	5
10	256QAM	1	25	17.16	17.33	17.33	17.43	17.53		
10	256QAM	1	49	17.28	17.26	17.27	17.41	17.34		
10	256QAM	25	0	17.06	17.21	17.42	17.14	17.20	19	5
10	256QAM	25	12	17.21	17.11	17.40	17.17	17.49		
10	256QAM	25	25	17.16	17.05	17.33	17.11	17.53		
10	256QAM	50	0	17.30	17.12	17.42	17.17	17.29		
Channel				39675	40135	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.30	22.16	22.61	22.24	22.39	24.00	0
5	QPSK	1	12	22.23	22.45	22.34	22.52	22.51		
5	QPSK	1	24	22.22	22.16	22.51	22.19	22.21		
5	QPSK	12	0	21.17	21.11	21.33	21.15	21.47	23	1
5	QPSK	12	7	21.17	21.09	21.36	21.18	21.27		
5	QPSK	12	13	21.09	21.15	21.38	21.22	21.33		
5	QPSK	25	0	21.02	21.14	21.39	21.21	21.22		
5	16QAM	1	0	21.03	21.16	21.40	21.19	21.29	23	1
5	16QAM	1	12	21.09	21.03	21.38	21.05	21.31		
5	16QAM	1	24	21.02	21.01	21.37	21.09	21.25		
5	16QAM	12	0	20.27	20.22	20.41	20.13	20.53	22	2
5	16QAM	12	7	20.20	20.25	20.50	20.27	20.44		
5	16QAM	12	13	20.32	20.15	20.45	20.20	20.25		
5	16QAM	25	0	20.27	20.10	20.34	20.39	20.28		
5	64QAM	1	0	20.32	20.16	20.55	20.12	20.42	22	2
5	64QAM	1	12	20.07	20.15	20.43	20.12	20.31		
5	64QAM	1	24	20.18	20.37	20.35	20.29	20.40		
5	64QAM	12	0	19.16	19.23	19.31	19.08	19.50	21	3
5	64QAM	12	7	19.19	19.28	19.49	19.25	19.41		
5	64QAM	12	13	19.18	19.19	19.55	19.10	19.33		
5	64QAM	25	0	19.24	19.21	19.43	19.12	19.57		
5	256QAM	1	0	17.18	17.14	17.41	17.34	17.39	19	5
5	256QAM	1	12	17.26	17.30	17.37	17.41	17.56		
5	256QAM	1	24	17.33	17.26	17.40	17.35	17.31		
5	256QAM	12	0	17.15	17.04	17.45	17.30	17.21	19	5
5	256QAM	12	7	17.35	17.08	17.43	17.15	17.37		
5	256QAM	12	13	17.17	17.16	17.33	17.07	17.50		
5	256QAM	25	0	17.20	17.13	17.27	17.19	17.34		

Band 41 Ant 0 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.35	25.23	25.45	25.28	25.39	27	0
20	QPSK	1	49	25.20	25.23	25.39	25.12	25.27		
20	QPSK	1	99	25.26	25.13	25.31	25.16	25.36		
20	QPSK	50	0	24.17	24.13	24.38	24.08	24.22	26	1
20	QPSK	50	24	24.14	24.14	24.30	24.10	24.24		
20	QPSK	50	50	24.15	24.22	24.29	24.11	24.27		
20	QPSK	100	0	24.17	24.18	24.29	24.09	24.25		
20	16QAM	1	0	24.20	24.12	24.20	24.00	24.08	26	1
20	16QAM	1	49	24.17	24.10	24.29	24.08	24.26		
20	16QAM	1	99	24.04	24.14	24.29	24.16	24.27		
20	16QAM	50	0	23.20	23.21	23.09	23.14	23.08	25	2
20	16QAM	50	24	23.17	23.08	23.15	23.20	23.13		
20	16QAM	50	50	23.04	23.22	23.06	23.22	23.14		
20	16QAM	100	0	23.13	23.03	23.06	23.22	23.09		
20	64QAM	1	0	23.23	23.06	23.12	23.21	23.09	25	2
20	64QAM	1	49	23.18	23.12	23.16	23.13	23.02		
20	64QAM	1	99	23.09	23.00	23.14	23.09	23.17		
20	64QAM	50	0	22.18	22.12	22.28	22.23	22.30	24	3
20	64QAM	50	24	22.26	22.17	22.31	22.17	22.17		
20	64QAM	50	50	22.30	22.12	22.15	22.28	22.30		
20	64QAM	100	0	22.13	22.31	22.18	22.12	22.32		
20	256QAM	1	0	20.20	20.16	20.23	20.20	20.13	22	5
20	256QAM	1	49	20.11	20.18	20.11	20.25	20.11		
20	256QAM	1	99	20.13	20.11	20.11	20.27	20.21		
20	256QAM	50	0	20.24	20.14	20.19	20.11	20.18	22	5
20	256QAM	50	24	20.17	20.29	20.28	20.27	20.27		
20	256QAM	50	50	20.23	20.10	20.28	20.23	20.32		
20	256QAM	100	0	20.28	20.16	20.30	20.09	20.18		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.33	25.31	25.42	25.21	25.42	27	0
15	QPSK	1	37	25.14	25.33	25.34	25.13	25.35		
15	QPSK	1	74	25.21	25.14	25.37	25.19	25.41		
15	QPSK	36	0	24.16	24.12	24.44	24.01	24.14	26	1
15	QPSK	36	20	24.08	24.11	24.21	24.13	24.27		
15	QPSK	36	39	24.15	24.13	24.21	24.21	24.25		
15	QPSK	75	0	24.21	24.20	24.29	24.15	24.23		
15	16QAM	1	0	24.25	24.10	24.14	24.01	24.07	26	1
15	16QAM	1	37	24.10	24.07	24.26	24.09	24.35		
15	16QAM	1	74	24.13	24.08	24.32	24.21	24.26		
15	16QAM	36	0	23.11	23.15	23.13	23.12	23.06	25	2
15	16QAM	36	20	23.19	23.11	23.13	23.22	23.09		
15	16QAM	36	39	23.06	23.19	23.15	23.30	23.21		
15	16QAM	75	0	23.05	23.03	23.09	23.18	23.05		
15	64QAM	1	0	23.24	23.11	23.20	23.31	23.02	25	2
15	64QAM	1	37	23.17	23.21	23.08	23.17	23.11		
15	64QAM	1	74	23.07	23.03	23.23	23.07	23.12		
15	64QAM	36	0	22.10	22.21	22.30	22.15	22.38	24	3
15	64QAM	36	20	22.31	22.17	22.37	22.26	22.09		
15	64QAM	36	39	22.31	22.17	22.05	22.31	22.34		
15	64QAM	75	0	22.20	22.25	22.12	22.09	22.22		
15	256QAM	1	0	20.26	20.09	20.19	20.23	20.21	22	5
15	256QAM	1	37	20.07	20.13	20.09	20.22	20.14		
15	256QAM	1	74	20.11	20.16	20.09	20.36	20.29		
15	256QAM	36	0	20.20	20.21	20.10	20.08	20.13	22	5
15	256QAM	36	20	20.25	20.29	20.18	20.32	20.32		
15	256QAM	36	39	20.31	20.08	20.25	20.31	20.35		
15	256QAM	75	0	20.26	20.17	20.23	20.04	20.15		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.38	25.17	25.35	25.21	25.37	27	0
10	QPSK	1	25	25.15	25.16	25.35	25.12	25.26		
10	QPSK	1	49	25.17	25.12	25.32	25.23	25.26		
10	QPSK	25	0	24.14	24.20	24.33	24.04	24.31	26	1
10	QPSK	25	12	24.16	24.10	24.35	24.18	24.31		
10	QPSK	25	25	24.14	24.27	24.32	24.19	24.18		
10	QPSK	50	0	24.16	24.16	24.19	24.18	24.30		
10	16QAM	1	0	24.21	24.15	24.14	24.04	24.01	26	1
10	16QAM	1	25	24.26	24.10	24.36	24.13	24.27		
10	16QAM	1	49	24.09	24.14	24.38	24.18	24.35		
10	16QAM	25	0	23.20	23.20	23.14	23.17	23.17	25	2
10	16QAM	25	12	23.09	23.01	23.10	23.27	23.08		
10	16QAM	25	25	23.12	23.30	23.12	23.13	23.12		
10	16QAM	50	0	23.23	23.09	23.06	23.16	23.00		
10	64QAM	1	0	23.17	23.15	23.05	23.17	23.17	25	2
10	64QAM	1	25	23.27	23.14	23.26	23.07	23.09		
10	64QAM	1	49	23.16	23.03	23.12	23.18	23.26		
10	64QAM	25	0	22.20	22.19	22.24

Band		WCDMA II Ant 1			Tune-up Limit (dBm)	WCDMA IV Ant 1			Tune-up Limit (dBm)	WCDMA V Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.46	23.66	23.49	24.50	23.86	23.93	23.89	25.00	23.31	23.42	23.29	24.00
3GPP Rel 99	RMC 12.2Kbps	23.45	23.68	23.61	24.50	24.04	24.12	23.91	25.00	23.39	23.44	23.32	24.00
3GPP Rel 6	HSDPA Subtest-1	22.57	22.59	22.71	23.50	22.86	23.01	22.87	24.00	22.35	22.49	22.31	23.00
3GPP Rel 6	HSDPA Subtest-2	22.52	22.72	22.46	23.50	22.82	23.06	22.73	24.00	22.39	22.51	22.33	23.00
3GPP Rel 6	HSDPA Subtest-3	22.12	22.05	22.17	23.00	22.39	22.55	22.35	23.50	21.95	21.91	21.85	22.50
3GPP Rel 6	HSDPA Subtest-4	22.06	22.09	22.06	23.00	22.44	22.45	22.39	23.50	21.84	21.93	21.84	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.53	22.65	22.56	23.50	22.77	22.95	22.91	24.00	22.41	22.39	22.25	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.45	22.67	22.60	23.50	23.01	23.15	22.87	24.00	22.36	22.51	22.23	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.09	22.12	22.27	23.00	22.34	22.54	22.23	23.50	21.96	21.90	21.84	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.14	22.17	22.03	23.00	22.51	22.43	22.36	23.50	21.89	21.88	21.76	22.50
3GPP Rel 6	HSUPA Subtest-1	22.57	22.67	22.61	23.50	23.02	23.08	22.99	24.00	22.45	22.48	22.24	23.00
3GPP Rel 6	HSUPA Subtest-2	20.49	20.60	20.51	21.50	20.87	21.00	20.67	22.00	20.38	20.51	20.39	21.00
3GPP Rel 6	HSUPA Subtest-3	21.52	21.54	21.58	22.50	21.97	22.03	21.83	23.00	21.46	21.48	21.28	22.00
3GPP Rel 6	HSUPA Subtest-4	20.58	20.64	20.66	21.50	21.13	21.00	20.85	22.00	20.33	20.38	20.27	21.00
3GPP Rel 6	HSUPA Subtest-5	22.65	22.65	22.59	23.50	22.88	22.92	22.80	24.00	22.42	22.38	22.35	23.00

Band 2 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.81	21.89	21.86		
20	QPSK	1	49	21.77	21.71	21.81	23	0
20	QPSK	50	99	21.60	21.73	21.69		
20	QPSK	50	0	20.91	20.96	20.94		
20	QPSK	50	24	20.71	20.90	20.73	22	1
20	QPSK	50	50	20.77	20.80	20.72		
20	QPSK	100	0	20.86	20.92	20.88		
20	16QAM	1	0	20.77	20.89	20.72		
20	16QAM	1	49	20.64	20.70	20.48	22	1
20	16QAM	1	99	20.78	20.85	20.78		
20	16QAM	50	0	19.82	19.95	19.79		
20	16QAM	50	24	19.60	19.74	19.53	21	2
20	16QAM	50	50	19.69	19.84	19.70		
20	16QAM	100	0	19.83	19.97	19.85		
20	64QAM	1	0	19.74	19.90	19.84		
20	64QAM	1	49	19.65	19.75	19.63	21	2
20	64QAM	1	99	19.70	19.84	19.75		
20	64QAM	50	0	18.81	18.93	18.71		
20	64QAM	50	24	18.63	18.73	18.53	20	3
20	64QAM	50	50	18.67	18.71	18.52		
20	64QAM	100	0	18.71	18.89	18.83		
20	256QAM	1	0	16.76	16.93	16.85		
20	256QAM	1	49	16.70	16.83	16.72	18	5
20	256QAM	1	99	16.62	16.80	16.62		
20	256QAM	50	0	16.71	16.90	16.68		
20	256QAM	50	24	16.48	16.69	16.63	18	5
20	256QAM	50	50	16.55	16.70	16.55		
20	256QAM	100	0	16.67	16.84	16.70		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.73	21.77	21.74		
15	QPSK	1	37	21.64	21.54	21.72	23	0
15	QPSK	1	74	21.55	21.66	21.58		
15	QPSK	36	0	20.77	20.90	20.78		
15	QPSK	36	20	20.52	20.80	20.63	22	1
15	QPSK	36	39	20.63	20.72	20.68		
15	QPSK	75	0	20.68	20.72	20.81		
15	16QAM	1	0	20.72	20.74	20.51		
15	16QAM	1	37	20.57	20.61	20.41	22	1
15	16QAM	1	74	20.63	20.74	20.57		
15	16QAM	36	0	19.74	19.75	19.69		
15	16QAM	36	20	19.50	19.58	19.44	21	2
15	16QAM	36	39	19.60	19.77	19.52		
15	16QAM	75	0	19.79	19.77	19.51		
15	64QAM	1	0	19.69	19.72	19.78		
15	64QAM	1	37	19.54	19.62	19.57	21	2
15	64QAM	1	74	19.52	19.69	19.66		
15	64QAM	36	0	18.62	18.73	18.63		
15	64QAM	36	20	18.52	18.56	18.44	20	3
15	64QAM	36	39	18.51	18.53	18.44		
15	64QAM	75	0	18.49	18.85	18.73		
15	256QAM	1	0	16.71	16.83	16.77		
15	256QAM	1	37	16.60	16.76	16.61	18	5
15	256QAM	1	74	16.47	16.59	16.42		
15	256QAM	36	0	16.50	16.84	16.52		
15	256QAM	36	20	16.34	16.48	16.51	18	5
15	256QAM	36	39	16.50	16.50	16.38		
15	256QAM	75	0	16.58	16.76	16.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.63	21.84	21.72		
10	QPSK	1	25	21.56	21.57	21.68	23	0
10	QPSK	1	49	21.44	21.55	21.50		
10	QPSK	25	0	20.87	20.78	20.77		
10	QPSK	25	12	20.49	20.71	20.64	22	1
10	QPSK	25	25	20.58	20.67	20.65		
10	QPSK	50	0	20.67	20.72	20.71		
10	16QAM	1	0	20.67	20.75	20.53		
10	16QAM	1	25	20.59	20.60	20.42	22	1
10	16QAM	1	49	20.57	20.70	20.66		
10	16QAM	25	0	19.76	19.79	19.59		
10	16QAM	25	12	19.40	19.66	19.33	21	2
10	16QAM	25	25	19.57	19.79	19.56		
10	16QAM	50	0	19.74	19.76	19.54		
10	64QAM	1	0	19.64	19.73	19.65		
10	64QAM	1	25	19.46	19.61	19.53	21	2
10	64QAM	1	49	19.49	19.65	19.62		
10	64QAM	25	0	18.76	18.74	18.51		
10	64QAM	25	12	18.43	18.56	18.38	20	3
10	64QAM	25	25	18.62	18.60	18.32		
10	64QAM	50	0	18.56	18.68	18.76		
10	256QAM	1	0	16.57	16.76	16.76		
10	256QAM	1	25	16.55	16.73	16.64	18	5
10	256QAM	1	49	16.57	16.69	16.51		
10	256QAM	25	0	16.66	16.85	16.54		
10	256QAM	25	12	16.39	16.54	16.53	18	5
10	256QAM	25	25	16.40	16.62	16.44		
10	256QAM	50	0	16.49	16.63	16.65		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.71	21.78	21.67		
5	QPSK	1	12	21.59	21.50	21.66	23	0
5	QPSK	1	24	21.52	21.56	21.53		
5	QPSK	12	0	20.80	20.81	20.85		
5	QPSK	12	7	20.51	20.72	20.59	22	1
5	QPSK	12	13	20.67	20.76	20.54		
5	QPSK	25	0	20.74	20.78	20.78		
5	16QAM	1	0	20.61	20.81	20.61		
5	16QAM	1	12	20.59	20.55	20.42	22	1
5	16QAM	1	24	20.58	20.75	20.72		
5	16QAM	12	0	19.70	19.76	19.57		
5	16QAM	12	7	19.41	19.67	19.34	21	2
5	16QAM	12	13	19.55	19.70	19.52		
5	16QAM	25	0	19.69	19.78	19.49		
5	64QAM	1	0	19.61	19.79	19.76		
5	64QAM	1	12	19.48	19.62	19.58	21	2
5	64QAM	1	24	19.64	19.75	19.60		
5	64QAM	12	0	18.75	18.71	18.49		
5	64QAM	12	7	18.41	18.56	18.43	20	3
5	64QAM	12	13	18.63	18.66	18.43		
5	64QAM	25	0	18.66	18.77	18.73		
5	256QAM	1	0	16.55	16.75	16.65		
5	256QAM	1	12	16.62	16.62	16.55	18	5
5	256QAM	1	24	16.58	16.72	16.43		
5	256QAM	12	0	16.50	16.79	16.55		
5	256QAM	12	7	16.35	16.64	16.52	18	5
5	256QAM	12	13	16.42	16.59	16.35		
5	256QAM	25	0	16.46	16.67	16.52		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.76	21.67	21.72		
3	QPSK	1	8	21.69	21.52	21.71	23	0
3	QPSK	1	14	21.44	21.62	21.57		
3	QPSK	8	0	20.76	20.81	20.85		
3	QPSK	8	4	20.57	20.75	20.64	22	1
3	QPSK	8	7	20.59	20.67	20.54		
3	QPSK	15	0	20.80	20.75	20.68		
3	16QAM	1	0	20.71	20.71	20.64		
3	16QAM	1	8	20.51	20.66	20.39	22	1
3	16QAM	1	14	20.73	20.81	20.73		
3	16QAM	8	0	19.65	19.77	19.64		
3	16QAM	8	4	19.51	19.68	19.33	21	2
3	16QAM	8	7	19.54	19.71	19.54		
3	16QAM	15	0	19.79	19.72	19.60		
3	64QAM	1	0	19.70	19.84	19.65		
3	64QAM	1	8	19.48	19.59	19.47	21	2
3	64QAM	1	14	19.55	19.63	19.65		
3	64QAM	8	0	18.68	18.73	18.55		
3	64QAM	8	4	18.50	18.52	18.41	20	3
3	64QAM	8	7	18.48	18.63	18.37		
3	64QAM	15	0	18.65	18.77	18.78		
3	256QAM	1	0	16.67	16.80	16.67		
3	256QAM	1	8	16.63	16.73	16.67	18	5
3	256QAM	1	14	16.48	16.60	16.57		
3	256QAM	8	0	16.62	16.75	16.53		
3	256QAM	8	4	16.34	16.62	16.48	18	5
3	256QAM	8	7	16.36	16.64	16.33		
3	256QAM	15	0	16.47	16.73	16.61		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.66	21.78	21.80		
1.4	QPSK	1	3	21.70	21.54	21.64		
1.4	QPSK	1	5	21.51	21.53	21.59	23	0
1.4	QPSK	3	0	21.76	21.73	21.77		
1.4	QPSK	3	1	21.64	21.55	21.69		
1.4	QPSK	3	3	21.51	21.69	21.52		
1.4	QPSK	6	0	20.75	20.88	20.77	22	1
1.4	16QAM	1	0	20.73	20.72	20.56		
1.4	16QAM	1	3	20.47	20.53	20.59		
1.4	16QAM	1	5	20.61	20.80	20.59	22	1
1.4	16QAM	3	0	20.78	20.87	20.85		
1.4	16QAM	3	1	20.53	20.72	20.56		
1.4	16QAM	3	3	20.69	20.64	20.57		
1.4	16QAM	6	0	19.63	19.69	19.59	21	2
1.4	64QAM	1	0	19.57	19.76	19.77		
1.4	64QAM	1	3	19.48	19.65	19.46		
1.4	64QAM	1	5	19.58	19.68	19.56	21	2
1.4	64QAM	3	0	19.66	19.74	19.65		
1.4	64QAM	3	1	19.45	19.55	19.34		
1.4	64QAM	3	3	19.61	19.63	19.54		
1.4	64QAM	6	0	18.67	18.76	18.69	20	3
1.4	256QAM	1	0	16.64	16.75	16.74		
1.4	256QAM	1	3	16.58	16.62	16.61		
1.4	256QAM	1	5	16.55	16.62	16.57	18	5
1.4	256QAM	3	0	16.55	16.72	16.63		
1.4	256QAM	3	1	16.29	16.53	16.54		
1.4	256QAM	3	3	16.34	16.65	16.48		
1.4	256QAM	6	0	16.46	16.69	16.54	18	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.82	22.87	22.70		
20	QPSK	1	49	22.65	22.85	22.57	24	0
20	QPSK	50	99	22.66	22.76	22.55		
20	QPSK	50	0	21.69	21.72	21.66		
20	QPSK	50	24	21.63	21.70	21.64	23	1
20	QPSK	50	50	21.68	21.53	21.48		
20	QPSK	100	0	21.49	21.57	21.49		
20	16QAM	1	0	21.52	21.63	21.47		
20	16QAM	1	49	21.53	21.67	21.59	23	1
20	16QAM	1	99	21.59	21.70	21.50		
20	16QAM	50	0	20.60	20.58	20.62		
20	16QAM	50	24	20.51	20.68	20.59	22	2
20	16QAM	50	50	20.67	20.54	20.55		
20	16QAM	100	0	20.62	20.59	20.62		
20	64QAM	1	0	20.53	20.56	20.54		
20	64QAM	1	49	20.67	20.56	20.57	22	2
20	64QAM	1	99	20.68	20.71	20.65		
20	64QAM	50	0	19.66	19.63	19.66		
20	64QAM	50	24	19.69	19.62	19.61	21	3
20	64QAM	50	50	19.78	19.68	19.74		
20	64QAM	100	0	19.74	19.76	19.66		
20	256QAM	1	0	17.77	17.74	17.68		
20	256QAM	1	49	17.67	17.65	17.56	19	5
20	256QAM	1	99	17.67	17.64	17.66		
20	256QAM	50	0	17.79	17.67	17.67		
20	256QAM	50	24	17.70	17.67	17.61	19	5
20	256QAM	50	50	17.75	17.69	17.73		
20	256QAM	100	0	17.77	17.63	17.75		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.71	22.80	22.57		
15	QPSK	1	37	22.62	22.61	22.52	24	0
15	QPSK	1	74	22.59	22.64	22.54		
15	QPSK	36	0	21.65	21.58	21.46		
15	QPSK	36	20	21.54	21.69	21.61	23	1
15	QPSK	36	39	21.61	21.38	21.33		
15	QPSK	75	0	21.39	21.40	21.38		
15	16QAM	1	0	21.46	21.56	21.41		
15	16QAM	1	37	21.45	21.50	21.44	23	1
15	16QAM	1	74	21.45	21.70	21.46		
15	16QAM	36	0	20.52	20.48	20.53		
15	16QAM	36	20	20.50	20.59	20.54	22	2
15	16QAM	36	39	20.57	20.44	20.53		
15	16QAM	75	0	20.58	20.58	20.58		
15	64QAM	1	0	20.46	20.35	20.44		
15	64QAM	1	37	20.51	20.40	20.55	22	2
15	64QAM	1	74	20.60	20.66	20.55		
15	64QAM	36	0	19.61	19.62	19.46		
15	64QAM	36	20	19.54	19.58	19.45	21	3
15	64QAM	36	39	19.78	19.65	19.72		
15	64QAM	75	0	19.55	19.61	19.55		
15	256QAM	1	0	17.64	17.59	17.66		
15	256QAM	1	37	17.61	17.49	17.39	19	5
15	256QAM	1	74	17.56	17.63	17.48		
15	256QAM	36	0	17.70	17.51	17.56		
15	256QAM	36	20	17.66	17.56	17.44	19	5
15	256QAM	36	39	17.58	17.66	17.55		
15	256QAM	75	0	17.66	17.48	17.61		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.78	22.71	22.69		
10	QPSK	1	25	22.48	22.72	22.46	24	0
10	QPSK	1	49	22.61	22.69	22.43		
10	QPSK	25	0	21.56	21.69	21.51		
10	QPSK	25	12	21.59	21.62	21.51	23	1
10	QPSK	25	25	21.64	21.68	21.38		
10	QPSK	50	0	21.35	21.54	21.46		
10	16QAM	1	0	21.33	21.50	21.47		
10	16QAM	1	25	21.42	21.60	21.57	23	1
10	16QAM	1	49	21.53	21.67	21.35		
10	16QAM	25	0	20.48	20.43	20.56		
10	16QAM	25	12	20.48	20.49	20.45	22	2
10	16QAM	25	25	20.60	20.37	20.40		
10	16QAM	50	0	20.57	20.48	20.58		
10	64QAM	1	0	20.40	20.48	20.51		
10	64QAM	1	25	20.54	20.56	20.57	22	2
10	64QAM	1	49	20.57	20.53	20.48		
10	64QAM	25	0	19.56	19.58	19.53		
10	64QAM	25	12	19.57	19.46	19.46	21	3
10	64QAM	25	25	19.77	19.65	19.59		
10	64QAM	50	0	19.64	19.57	19.65		
10	256QAM	1	0	17.71	17.58	17.51		
10	256QAM	1	25	17.59	17.63	17.50	19	5
10	256QAM	1	49	17.57	17.49	17.49		
10	256QAM	25	0	17.64	17.51	17.48		
10	256QAM	25	12	17.68	17.56	17.53	19	5
10	256QAM	25	25	17.54	17.57	17.62		
10	256QAM	50	0	17.60	17.55	17.56		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1713.5	1732.5	1752.5		
5	QPSK	1	0	22.75	22.78	22.69		
5	QPSK	1	12	22.45	22.76	22.39	24	0
5	QPSK	1	24	22.64	22.55	22.53		
5	QPSK	12	0	21.57	21.70	21.47		
5	QPSK	12	7	21.54	21.51	21.46	23	1
5	QPSK	12	13	21.49	21.52	21.43		
5	QPSK	25	0	21.40	21.39	21.38		
5	16QAM	1	0	21.32	21.47	21.34		
5	16QAM	1	12	21.41	21.56	21.41	23	1
5	16QAM	1	24	21.58	21.58	21.33		
5	16QAM	12	0	20.46	20.56	20.52		
5	16QAM	12	7	20.45	20.50	20.46	22	2
5	16QAM	12	13	20.51	20.38	20.43		
5	16QAM	25	0	20.45	20.47	20.49		
5	64QAM	1	0	20.41	20.51	20.42		
5	64QAM	1	12	20.57	20.55	20.51	22	2
5	64QAM	1	24	20.62	20.56	20.50		
5	64QAM	12	0	19.49	19.54	19.65		
5	64QAM	12	7	19.52	19.60	19.45	21	3
5	64QAM	12	13	19.71	19.53	19.70		
5	64QAM	25	0	19.72	19.64	19.47		
5	256QAM	1	0	17.69	17.58	17.49		
5	256QAM	1	12	17.57	17.60	17.54	19	5
5	256QAM	1	24	17.65	17.44	17.57		
5	256QAM	12	0	17.67	17.62	17.59		
5	256QAM	12	7	17.63	17.61	17.51	19	5
5	256QAM	12	13	17.54	17.59	17.70		
5	256QAM	25	0	17.69	17.47	17.68		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.73	22.75	22.64		
3	QPSK	1	8	22.58	22.79	22.48	24	0
3	QPSK	1	14	22.57	22.67	22.44		
3	QPSK	8	0	21.57	21.70	21.63		
3	QPSK	8	4	21.53	21.60	21.60	23	1
3	QPSK	8	7	21.53	21.47	21.36		
3	QPSK	15	0	21.44	21.49	21.31		
3	16QAM	1	0	21.48	21.48	21.46		
3	16QAM	1	8	21.45	21.64	21.55	23	1
3	16QAM	1	14	21.54	21.65	21.50		
3	16QAM	8	0	20.49	20.53	20.59		
3	16QAM	8	4	20.31	20.60	20.40	22	2
3	16QAM	8	7	20.53	20.42	20.55		
3	16QAM	15	0	20.51	20.43	20.61		
3	64QAM	1	0	20.39	20.40	20.35		
3	64QAM	1	8	20.47	20.55	20.48	22	2
3	64QAM	1	14	20.63	20.61	20.46		
3	64QAM	8	0	19.57	19.62	19.64		
3	64QAM	8	4	19.50	19.44	19.47	21	3
3	64QAM	8	7	19.78	19.51	19.57		
3	64QAM	15	0	19.62	19.63	19.54		
3	256QAM	1	0	17.63	17.66	17.51		
3	256QAM	1	8	17.65	17.64	17.39	19	5
3	256QAM	1	14	17.64	17.59	17.59		
3	256QAM	8	0	17.69	17.49	17.60		
3	256QAM	8	4	17.85	17.64	17.60	19	5
3	256QAM	8	7	17.59	17.53	17.61		
3	256QAM	15	0	17.79	17.59	17.74		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.80	22.70	22.62		
1.4	QPSK	1	3	22.65	22.76	22.56		
1.4	QPSK	1	5	22.61	22.68	22.54	24	0
1.4	QPSK	3	0	22.56	22.76	22.51		
1.4	QPSK	3	1	22.46	22.72	22.39		
1.4	QPSK	3	3	22.63	22.77	22.44		
1.4	QPSK	6	0	21.45	21.55	21.37	23	1
1.4	16QAM	1	0	21.40	21.62	21.29		
1.4	16QAM	1	3	21.34	21.52	21.58		
1.4	16QAM	1	5	21.59	21.63	21.38	23	1
1.4	16QAM	3	0	21.39	21.68	21.40		
1.4	16QAM	3	1	21.59	21.59	21.44		
1.4	16QAM	3	3	21.57	21.55	21.32		
1.4	16QAM	6	0	20.56	20.43	20.60	22	2
1.4	64QAM	1	0	20.40	20.40	20.41		
1.4	64QAM	1	3	20.61	20.52	20.50		
1.4	64QAM	1	5	20.62	20.60	20.56	22	2
1.4	64QAM	3	0	20.53	20.53	20.60		
1.4	64QAM	3	1	20.45	20.56	20.44		
1.4	64QAM	3	3	20.54	20.56	20.45		
1.4	64QAM	6	0	19.70	19.65	19.49	21	3
1.4	256QAM	1	0	17.61	17.56	17.55		
1.4	256QAM	1	3	17.64	17.50	17.37		
1.4	256QAM	1	5	17.50	17.58	17.58	19	5
1.4	256QAM	3	0	17.69	17.53	17.58		
1.4	256QAM	3	1	17.58	17.52	17.56		
1.4	256QAM	3	3	17.64	17.54	17.64		
1.4	256QAM	6	0	17.57	17.43	17.70	19	5

Band 5 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.57	22.67	22.41		
10	QPSK	1	25	22.38	22.59	22.39	24	0
10	QPSK	1	49	22.49	22.48	22.44		
10	QPSK	25	0	21.43	21.48	21.45		
10	QPSK	25	12	21.22	21.35	21.46	23	1
10	QPSK	25	25	21.22	21.44	21.30		
10	QPSK	50	0	21.25	21.46	21.37		
10	16QAM	1	0	21.24	21.33	21.44		
10	16QAM	1	25	21.41	21.30	21.27	23	1
10	16QAM	1	49	21.29	21.44	21.24		
10	16QAM	25	0	20.47	20.47	20.43		
10	16QAM	25	12	20.34	20.40	20.37	22	2
10	16QAM	25	25	20.46	20.37	20.36		
10	16QAM	50	0	20.36	20.45	20.49		
10	64QAM	1	0

Band 7 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.59	22.74	22.61	24	0
20	QPSK	1	49	22.34	22.54	22.34		
20	QPSK	1	99	22.33	22.45	22.33		
20	QPSK	50	0	21.42	21.55	21.37	23	1
20	QPSK	50	24	21.31	21.36	21.48		
20	QPSK	50	50	21.48	21.53	21.28		
20	QPSK	100	0	21.39	21.46	21.29		
20	16QAM	1	0	21.39	21.48	21.63	23	1
20	16QAM	1	49	21.41	21.40	21.54		
20	16QAM	1	99	21.64	21.44	21.45		
20	16QAM	50	0	20.55	20.44	20.62	22	2
20	16QAM	50	24	20.58	20.44	20.45		
20	16QAM	50	50	20.48	20.45	20.47		
20	16QAM	100	0	20.51	20.58	20.75		
20	64QAM	1	0	20.52	20.61	20.51	22	2
20	64QAM	1	49	20.47	20.40	20.46		
20	64QAM	1	99	20.63	20.57	20.59		
20	64QAM	50	0	19.70	19.64	19.58	21	3
20	64QAM	50	24	19.42	19.45	19.48		
20	64QAM	50	50	19.56	19.53	19.65		
20	64QAM	100	0	19.57	19.56	19.61		
20	256QAM	1	0	17.59	17.69	17.54	19	5
20	256QAM	1	49	17.64	17.54	17.60		
20	256QAM	1	99	17.48	17.59	17.75		
20	256QAM	50	0	17.42	17.49	17.71	19	5
20	256QAM	50	24	17.57	17.60	17.49		
20	256QAM	50	50	17.52	17.45	17.41		
20	256QAM	100	0	17.56	17.55	17.51		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.55	22.72	22.47	24	0
15	QPSK	1	37	22.36	22.39	22.36		
15	QPSK	1	74	22.56	22.47	22.34		
15	QPSK	36	0	21.34	21.38	21.16	23	1
15	QPSK	36	20	21.18	21.19	21.31		
15	QPSK	36	39	21.30	21.51	21.30		
15	QPSK	75	0	21.27	21.46	21.29		
15	16QAM	1	0	21.28	21.33	21.55	23	1
15	16QAM	1	37	21.20	21.33	21.48		
15	16QAM	1	74	21.60	21.36	21.43		
15	16QAM	36	0	20.36	20.33	20.49	22	2
15	16QAM	36	20	20.37	20.40	20.28		
15	16QAM	36	39	20.29	20.25	20.36		
15	16QAM	75	0	20.32	20.44	20.76		
15	64QAM	1	0	20.42	20.57	20.42	22	2
15	64QAM	1	37	20.33	20.23	20.33		
15	64QAM	1	74	20.58	20.36	20.49		
15	64QAM	36	0	19.56	19.59	19.37	21	3
15	64QAM	36	20	19.38	19.30	19.48		
15	64QAM	36	39	19.37	19.52	19.60		
15	64QAM	75	0	19.36	19.55	19.48		
15	256QAM	1	0	17.44	17.55	17.50	19	5
15	256QAM	1	37	17.44	17.33	17.55		
15	256QAM	1	74	17.32	17.41	17.54		
15	256QAM	36	0	17.37	17.50	17.59	19	5
15	256QAM	36	20	17.37	17.56	17.40		
15	256QAM	36	39	17.36	17.46	17.23		
15	256QAM	75	0	17.57	17.34	17.38		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.53	22.59	22.55	24	0
10	QPSK	1	25	22.32	22.36	22.32		
10	QPSK	1	49	22.22	22.30	22.35		
10	QPSK	25	0	21.43	21.52	21.23	23	1
10	QPSK	25	12	21.21	21.19	21.49		
10	QPSK	25	25	21.40	21.38	21.25		
10	QPSK	50	0	21.26	21.29	21.16		
10	16QAM	1	0	21.25	21.36	21.49	23	1
10	16QAM	1	25	21.27	21.28	21.34		
10	16QAM	1	49	21.57	21.43	21.43		
10	16QAM	25	0	20.51	20.25	20.58	22	2
10	16QAM	25	12	20.51	20.26	20.44		
10	16QAM	25	25	20.30	20.34	20.39		
10	16QAM	50	0	20.40	20.54	20.56		
10	64QAM	1	0	20.52	20.56	20.51	22	2
10	64QAM	1	25	20.28	20.36	20.38		
10	64QAM	1	49	20.51	20.35	20.55		
10	64QAM	25	0	19.55	19.60	19.51	21	3
10	64QAM	25	12	19.23	19.37	19.27		
10	64QAM	25	25	19.37	19.42	19.61		
10	64QAM	50	0	19.43	19.39	19.51		
10	256QAM	1	0	17.50	17.71	17.52	19	5
10	256QAM	1	25	17.52	17.49	17.49		
10	256QAM	1	49	17.43	17.37	17.59		
10	256QAM	25	0	17.34	17.44	17.57	19	5
10	256QAM	25	12	17.56	17.41	17.29		
10	256QAM	25	25	17.38	17.44	17.34		
10	256QAM	50	0	17.36	17.47	17.50		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.56	22.60	22.43	24	0
5	QPSK	1	12	22.20	22.39	22.23		
5	QPSK	1	24	22.22	22.41	22.29		
5	QPSK	12	0	21.25	21.48	21.19	23	1
5	QPSK	12	7	21.23	21.20	21.49		
5	QPSK	12	13	21.32	21.45	21.07		
5	QPSK	25	0	21.20	21.46	21.09		
5	16QAM	1	0	21.35	21.49	21.62	23	1
5	16QAM	1	12	21.23	21.33	21.53		
5	16QAM	1	24	21.54	21.27	21.27		
5	16QAM	12	0	20.38	20.31	20.52	22	2
5	16QAM	12	7	20.50	20.28	20.31		
5	16QAM	12	13	20.38	20.24	20.38		
5	16QAM	25	0	20.52	20.39	20.68		
5	64QAM	1	0	20.49	20.61	20.49	22	2
5	64QAM	1	12	20.43	20.25	20.44		
5	64QAM	1	24	20.64	20.39	20.43		
5	64QAM	12	0	19.52	19.49	19.53	21	3
5	64QAM	12	7	19.39	19.43	19.36		
5	64QAM	12	13	19.42	19.46	19.45		
5	64QAM	25	0	19.59	19.40	19.48		
5	256QAM	1	0	17.40	17.62	17.49	19	5
5	256QAM	1	12	17.56	17.56	17.55		
5	256QAM	1	24	17.33	17.57	17.59		
5	256QAM	12	0	17.41	17.32	17.68	19	5
5	256QAM	12	7	17.59	17.52	17.31		
5	256QAM	12	13	17.40	17.44	17.31		
5	256QAM	25	0	17.45	17.42	17.41		

Band 12 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.63	22.75	22.66	24	0
10	QPSK	1	25	22.57	22.64	22.50		
10	QPSK	1	49	22.50	22.60	22.54		
10	QPSK	25	0	21.68	21.77	21.75	23	1
10	QPSK	25	12	21.48	21.71	21.60		
10	QPSK	25	25	21.61	21.63	21.57		
10	QPSK	50	0	21.61	21.70	21.67		
10	16QAM	1	0	21.67	21.73	21.71	23	1
10	16QAM	1	25	21.47	21.77	21.56		
10	16QAM	1	49	21.48	21.65	21.69		
10	16QAM	25	0	20.65	20.65	20.62	22	2
10	16QAM	25	12	20.58	20.61	20.64		
10	16QAM	25	25	20.77	20.58	20.58		
10	16QAM	50	0	20.60	20.54	20.62		
10	64QAM	1	0	20.66	20.64	20.77	22	2
10	64QAM	1	25	20.69	20.76	20.53		
10	64QAM	1	49	20.55	20.61	20.71		
10	64QAM	25	0	19.69	19.66	19.62	21	3
10	64QAM	25	12	19.66	19.69	19.65		
10	64QAM	25	25	19.60	19.51	19.60		
10	64QAM	50	0	19.60	19.49	19.49		
10	256QAM	1	0	17.59	17.63	17.66	19	5
10	256QAM	1	25	17.59	17.49	17.50		
10	256QAM	1	49	17.70	17.58	17.60		
10	256QAM	25	0	17.53	17.50	17.60	19	5
10	256QAM	25	12	17.53	17.54	17.61		
10	256QAM	25	25	17.61	17.55	17.53		
10	256QAM	50	0	17.54	17.50	17.63		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.48	22.65	22.50	24	0
5	QPSK	1	12	22.48	22.58	22.37		
5	QPSK	1	24	22.44	22.43	22.33		
5	QPSK	12	0	21.55	21.63	21.67	23	1
5	QPSK	12	7	21.28	21.52	21.54		
5	QPSK	12	13	21.45	21.47	21.50		
5	QPSK	25	0	21.45	21.55	21.45		
5	16QAM	1	0	21.57	21.55	21.57	23	1
5	16QAM	1	12	21.33	21.55	21.41		
5	16QAM	1	24	21.28	21.56	21.49		
5	16QAM	12	0	20.47	20.49	20.48	22	2
5	16QAM	12	7	20.47	20.54	20.45		
5	16QAM	12	13	20.62	20.52	20.39		
5	16QAM	25	0	20.45	20.48	20.44		
5	64QAM	1	0	20.61	20.59	20.65	22	2
5	64QAM	1	12	20.58	20.57	20.46		
5	64QAM	1	24	20.46	20.50	20.66		
5	64QAM	12	0	19.53	19.58	19.40	21	3
5	64QAM	12	7	19.61	19.62	19.44		
5	64QAM	12	13	19.40	19.36	19.54		
5	64QAM	25	0	19.47	19.37	19.38		
5	256QAM	1	0	17.39	17.50	17.50	19	5
5	256QAM	1	12	17.49	17.42	17.33		
5	256QAM	1	24	17.64	17.53	17.46		
5	256QAM	12	0	17.38	17.43	17.44	19	5
5	256QAM	12	7	17.41	17.43	17.57		
5	256QAM	12	13	17.57	17.37	17.40		
5	256QAM	25	0	17.33	17.34	17.49		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.56	22.70	22.54	24	0
3	QPSK	1	8	22.52	22.60	22.40		
3	QPSK	1	14	22.30	22.45	22.35		
3	QPSK	8	0	21.52	21.61	21.58	23	1
3	QPSK	8	4	21.38	21.64	21.43		
3	QPSK	8	7	21.52	21.52	21.50		
3	QPSK	15	0	21.52	21.66	21.50		
3	16QAM	1	0	21.48	21.65	21.49	23	1
3	16QAM	1	8	21.28	21.65	21.41		
3	16QAM	1	14	21.32	21.59	21.48		
3	16QAM	8	0	20.44	20.47	20.53	22	2
3	16QAM	8	4	20.47	20.56	20.55		
3	16QAM	8	7	20.61	20.51	20.40		
3	16QAM	15	0	20.53	20.39	20.47		
3	64QAM	1	0	20.46	20.56	20.60	22	2
3	64QAM	1	8	20.63	20.65	20.45		
3	64QAM	1	14	20.46	20.45	20.50		
3	64QAM	8	0	19.61	19.52	19.41	21	3
3	64QAM	8	4	19.48	19.65	19.44		
3	64QAM	8	7	19.39	19.43	19.41		
3	64QAM	15	0	19.44	19.43	19.45		
3	256QAM	1	0	17.52	17.42	17.52	19	5
3	256QAM	1	8	17.43	17.34	17.30		
3	256QAM	1	14	17.53	17.38	17.56		
3	256QAM	8	0	17.45	17.38	17.50	19	5
3	256QAM	8	4	17.45	17.42	17.42		
3	256QAM	8	7	17.45	17.34	17.34		
3	256QAM	15	0	17.49	17.34	17.42		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.44	22.55	22.52	24	0
1.4	QPSK	1	3	22.51	22.49	22.32		
1.4	QPSK	1	5	22.39	22.44	22.45		
1.4	QPSK	3	0	22.57	22.70	22.62		
1.4	QPSK	3	1	22.50	22.53	22.44		
1.4	QPSK	3	3	22.44	22.45	22.43		
1.4	QPSK	6	0	21.52	21.58	21.60	23	1
1.4	16QAM	1	0	21.54	21.55	21.51	23	1
1.4	16QAM	1	3	21.38	21.69	21.39		
1.4	16QAM	1	5	21.38	21.57	21.53		
1.4	16QAM	3	0	21.55	21.66	21.57		
1.4	16QAM	3	1	21.40	21.54	21.38		
1.4	16QAM	3	3	21.49	21.58	21.49		
1.4	16QAM	6	0	20.45	20.41	20.50	22	2
1.4	64QAM	1	0	20.53	20.52	20.56	22	2
1.4	64QAM	1	3	20.59	20.65	20.39		
1.4	64QAM	1	5	20.35	20.41	20.54		
1.4	64QAM	3	0	20.51	20.54	20.46		
1.4	64QAM	3	1	20.37	20.41	20.45		
1.4	64QAM	3	3	20.64	20.40	20.42		
1.4	64QAM	6	0	19.44	19.35	19.35	21	3
1.4	256QAM	1	0	17.44	17.41	17.51	19	5
1.4	256QAM	1	3	17.44	17.28	17.45		
1.4	256QAM	1	5	17.63	17.37	17.46		
1.4	256QAM	3	0	17.34	17.44	17.54		
1.4	256QAM	3	1	17.44	17.35	17.45		
1.4	256QAM	3	3	17.41	17.47	17.37		
1.4	256QAM	6	0	17.35	17.32	17.58	19	5

Band 13 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.88		24	0
10	QPSK	1	25		22.82			
10	QPSK	1	49		22.77			
10	QPSK	25	0		21.91		23	1
10	QPSK	25	12		21.74			
10	QPSK	25	25		21.84			
10	QPSK	50	0		21.86			
10	16QAM	1	0		21.82		23	1
10	16QAM	1	25		21.83			
10	16QAM	1	49		21.90			
10	16QAM	25	0		20.88		22	2
10	16QAM	25	12		20.80			
10	16QAM	25	25		20.70			
10	16QAM	50	0		20.83			
10	64QAM	1	0		20.79		22	2
10	64QAM	1	25		20.85			
10	64QAM	1	49		20.67			
10	64QAM	25	0		19.85		21	3
10	64QAM	25	12		19.66			
10	64QAM	25	25		19.79			
10	64QAM	50	0		19.81			
10	256QAM	1	0		18.06		19	5
10	256QAM	1	25		17.96			
10	256QAM	1	49		18.03			
10	256QAM	25	0		17.89		19	5
10	256QAM	25	12		17.90			
10	256QAM	25	25		17.92			
10	256QAM	50	0		17.81			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.77	22.83	22.75	24	0
5	QPSK	1	12	22.63	22.66	22.75		
5	QPSK	1	24	22.66	22.65	22.68		
5	QPSK	12	0	21.76	21.81	21.70	23	1
5	QPSK	12	7	21.59	21.61	21.66		
5	QPSK	12	13	21.71	21.67	21.80		
5	QPSK	25	0	21.71	21.79	21.72		
5	16QAM	1	0	21.63	21.66	21.70	23	1
5	16QAM	1	12	21.62	21.71	21.77		
5	16QAM	1	24	21.74	21.78	21.79		
5	16QAM	12	0	20.81	20.81	20.75	22	2
5	16QAM	12	7	20.70	20.68	20.70		
5	16QAM	12	13	20.57	20.56	20.60		
5	16QAM	25	0	20.78	20.70	20.73		
5	64QAM	1	0	20.63	20.64	20.69	22	2
5	64QAM	1	12	20.69	20.81	20.73		
5	64QAM	1	24	20.47	20.63	20.52		
5	64QAM	12	0	19.71	19.64	19.73	21	3
5	64QAM	12	7	19.46	19.53	19.45		
5	64QAM	12	13	19.67	19.63	19.65		
5	64QAM	25	0	19.64	19.64	19.62		
5	256QAM	1	0	17.88	17.98	17.86	19	5
5	256QAM	1	12	17.84	17.92	17.84		
5	256QAM	1	24	17.97	17.82	17.88		
5	256QAM	12	0	17.76	17.79	17.83	19	5
5	256QAM	12	7	17.71	17.82	17.76		
5	256QAM	12	13	17.80	17.88	17.81		
5	256QAM	25	0	17.65	17.61	17.72		

Band 17 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.50	22.66	22.62		
10	QPSK	1	25	22.42	22.64	22.51	24	0
10	QPSK	1	49	22.37	22.47	22.57		
10	QPSK	25	0	21.56	21.66	21.64		
10	QPSK	25	12	21.37	21.50	21.55	23	1
10	QPSK	25	25	21.54	21.43	21.59		
10	QPSK	50	0	21.53	21.62	21.59		
10	16QAM	1	0	21.43	21.41	21.60		
10	16QAM	1	25	21.49	21.58	21.58	23	1
10	16QAM	1	49	21.45	21.52	21.61		
10	16QAM	25	0	20.69	20.63	20.48		
10	16QAM	25	12	20.66	20.53	20.63	22	2
10	16QAM	25	25	20.63	20.48	20.70		
10	16QAM	50	0	20.47	20.58	20.47		
10	64QAM	1	0	20.56	20.66	20.49		
10	64QAM	1	25	20.56	20.51	20.47	22	2
10	64QAM	1	49	20.47	20.55	20.48		
10	64QAM	25	0	19.41	19.36	19.53		
10	64QAM	25	12	19.39	19.47	19.49	21	3
10	64QAM	25	25	19.39	19.46	19.45		
10	64QAM	50	0	19.38	19.50	19.49		
10	256QAM	1	0	17.44	17.42	17.40		
10	256QAM	1	25	17.39	17.37	17.44	19	5
10	256QAM	1	49	17.47	17.48	17.46		
10	256QAM	25	0	17.55	17.32	17.50		
10	256QAM	25	12	17.43	17.34	17.41	19	5
10	256QAM	25	25	17.38	17.55	17.41		
10	256QAM	50	0	17.50	17.56	17.41		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.32	22.53	22.50		
5	QPSK	1	12	22.31	22.50	22.30	24	0
5	QPSK	1	24	22.23	22.34	22.36		
5	QPSK	12	0	21.39	21.47	21.60		
5	QPSK	12	7	21.24	21.37	21.45	23	1
5	QPSK	12	13	21.48	21.22	21.47		
5	QPSK	25	0	21.35	21.44	21.48		
5	16QAM	1	0	21.37	21.26	21.46		
5	16QAM	1	12	21.40	21.42	21.54	23	1
5	16QAM	1	24	21.26	21.43	21.57		
5	16QAM	12	0	20.54	20.53	20.37		
5	16QAM	12	7	20.60	20.46	20.49	22	2
5	16QAM	12	13	20.44	20.29	20.48		
5	16QAM	25	0	20.27	20.52	20.34		
5	64QAM	1	0	20.42	20.45	20.31		
5	64QAM	1	12	20.50	20.34	20.27	22	2
5	64QAM	1	24	20.41	20.42	20.39		
5	64QAM	12	0	19.20	19.20	19.45		
5	64QAM	12	7	19.17	19.32	19.37	21	3
5	64QAM	12	13	19.17	19.29	19.34		
5	64QAM	25	0	19.18	19.36	19.40		
5	256QAM	1	0	17.37	17.32	17.23		
5	256QAM	1	12	17.28	17.29	17.38	19	5
5	256QAM	1	24	17.34	17.41	17.26		
5	256QAM	12	0	17.46	17.23	17.40		
5	256QAM	12	7	17.29	17.13	17.20	19	5
5	256QAM	12	13	17.33	17.47	17.34		
5	256QAM	25	0	17.37	17.40	17.33		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.58	22.71	22.56		
15	QPSK	1	37	22.43	22.67	22.45	24	0
15	QPSK	1	74	22.47	22.52	22.47		
15	QPSK	36	0	21.49	21.54	21.51		
15	QPSK	36	20	21.46	21.38	21.48	23	1
15	QPSK	36	39	21.36	21.51	21.40		
15	QPSK	75	0	21.37	21.51	21.46		
15	16QAM	1	0	21.38	21.45	21.49		
15	16QAM	1	37	21.49	21.42	21.37	23	1
15	16QAM	1	74	21.33	21.38	21.53		
15	16QAM	36	0	20.52	20.46	20.44		
15	16QAM	36	20	20.40	20.41	20.52	22	2
15	16QAM	36	39	20.33	20.49	20.46		
15	16QAM	75	0	20.49	20.50	20.49		
15	64QAM	1	0	20.55	20.54	20.37		
15	64QAM	1	37	20.42	20.47	20.31	22	2
15	64QAM	1	74	20.37	20.31	20.40		
15	64QAM	36	0	19.38	19.35	19.45		
15	64QAM	36	20	19.45	19.28	19.40	21	3
15	64QAM	36	39	19.37	19.33	19.43		
15	64QAM	75	0	19.28	19.29	19.48		
15	256QAM	1	0	17.34	17.32	17.33		
15	256QAM	1	37	17.53	17.41	17.55	19	5
15	256QAM	1	74	17.45	17.37	17.41		
15	256QAM	36	0	17.49	17.37	17.37		
15	256QAM	36	20	17.53	17.34	17.38	19	5
15	256QAM	36	39	17.31	17.52	17.45		
15	256QAM	75	0	17.45	17.47	17.54		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.49	22.63	22.43		
10	QPSK	1	25	22.39	22.55	22.26	24	0
10	QPSK	1	49	22.38	22.41	22.42		
10	QPSK	25	0	21.44	21.50	21.42		
10	QPSK	25	12	21.37	21.19	21.37	23	1
10	QPSK	25	25	21.27	21.32	21.30		
10	QPSK	50	0	21.17	21.44	21.35		
10	16QAM	1	0	21.29	21.25	21.34		
10	16QAM	1	25	21.41	21.30	21.29	23	1
10	16QAM	1	49	21.20	21.33	21.41		
10	16QAM	25	0	20.47	20.33	20.29		
10	16QAM	25	12	20.29	20.27	20.38	22	2
10	16QAM	25	25	20.11	20.40	20.33		
10	16QAM	50	0	20.44	20.38	20.34		
10	64QAM	1	0	20.42	20.49	20.19		
10	64QAM	1	25	20.36	20.42	20.18	22	2
10	64QAM	1	49	20.30	20.20	20.23		
10	64QAM	25	0	19.20	19.22	19.24		
10	64QAM	25	12	19.36	19.18	19.20	21	3
10	64QAM	25	25	19.33	19.12	19.32		
10	64QAM	50	0	19.12	19.21	19.36		
10	256QAM	1	0	17.19	17.19	17.12		
10	256QAM	1	25	17.43	17.33	17.35	19	5
10	256QAM	1	49	17.26	17.28	17.20		
10	256QAM	25	0	17.44	17.31	17.28		
10	256QAM	25	12	17.44	17.18	17.19	19	5
10	256QAM	25	25	17.18	17.37	17.34		
10	256QAM	50	0	17.32	17.27	17.43		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.43	22.59	22.36		
5	QPSK	1	12	22.24	22.49	22.34	24	0
5	QPSK	1	24	22.31	22.36	22.25		
5	QPSK	12	0	21.30	21.45	21.42		
5	QPSK	12	7	21.30	21.25	21.33	23	1
5	QPSK	12	13	21.22	21.35	21.29		
5	QPSK	25	0	21.28	21.47	21.36		
5	16QAM	1	0	21.25	21.34	21.31		
5	16QAM	1	12	21.29	21.23	21.32	23	1
5	16QAM	1	24	21.25	21.31	21.44		
5	16QAM	12	0	20.34	20.38	20.33		
5	16QAM	12	7	20.19	20.29	20.35	22	2
5	16QAM	12	13	20.19	20.38	20.41		
5	16QAM	25	0	20.33	20.41	20.45		
5	64QAM	1	0	20.35	20.44	20.24		
5	64QAM	1	12	20.24	20.35	20.11	22	2
5	64QAM	1	24	20.16	20.24	20.30		
5	64QAM	12	0	19.16	19.19	19.31		
5	64QAM	12	7	19.38	19.10	19.31	21	3
5	64QAM	12	13	19.29	19.25	19.37		
5	64QAM	25	0	19.21	19.10	19.38		
5	256QAM	1	0	17.26	17.26	17.16		
5	256QAM	1	12	17.32	17.30	17.38	19	5
5	256QAM	1	24	17.27	17.24	17.26		
5	256QAM	12	0	17.34	17.18	17.26		
5	256QAM	12	7	17.45	17.27	17.22	19	5
5	256QAM	12	13	17.21	17.31	17.39		
5	256QAM	25	0	17.33	17.26	17.41		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.37	22.61	22.41		
3	QPSK	1	8	22.21	22.61	22.39	24	0
3	QPSK	1	14	22.36	22.45	22.36		
3	QPSK	8	0	21.36	21.36	21.46		
3	QPSK	8	4	21.40	21.17	21.38	23	1
3	QPSK	8	7	21.25	21.29	21.30		
3	QPSK	15	0	21.32	21.34	21.38		
3	16QAM	1	0	21.19	21.26	21.43		
3	16QAM	1	8	21.36	21.36	21.18	23	1
3	16QAM	1	14	21.17	21.24	21.32		
3	16QAM	8	0	20.42	20.35	20.28		
3	16QAM	8	4	20.28	20.36	20.44	22	2
3	16QAM	8	7	20.16	20.40	20.31		
3	16QAM	15	0	20.32	20.46	20.43		
3	64QAM	1	0	20.50	20.42	20.27		
3	64QAM	1	8	20.34	20.34	20.18	22	2
3	64QAM	1	14	20.23	20.18	20.34		
3	64QAM	8	0	19.29	19.30	19.33		
3	64QAM	8	4	19.29	19.24	19.21	21	3
3	64QAM	8	7	19.28	19.21	19.30		
3	64QAM	15	0	19.12	19.09	19.29		
3	256QAM	1	0	17.14	17.11	17.22		
3	256QAM	1	8	17.32	17.32	17.47	19	5
3	256QAM	1	14	17.33	17.17	17.32		
3	256QAM	8	0	17.29	17.25	17.16		
3	256QAM	8	4	17.43	17.22	17.24	19	5
3	256QAM	8	7	17.09	17.44	17.39		
3	256QAM	15	0	17.26	17.34	17.33		
Channel				26667	26865	27063	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.45	22.54	22.49		
1.4	QPSK	1	3	22.23	22.46	22.29		
1.4	QPSK	1	5	22.39	22.48	22.41	24	0
1.4	QPSK	3	0	22.49	22.59	22.38		
1.4	QPSK	3	1	22.31	22.58	22.28		
1.4	QPSK	3	3	22.37	22.47	22.33		
1.4	QPSK	6	0	21.20	21.33	21.40	23	1
1.4	16QAM	1	0	21.33	21.36	21.34		
1.4	16QAM	1	3	21.32	21.22	21.29		
1.4	16QAM	1	5	21.15	21.30	21.41	23	1
1.4	16QAM	3	0	21.44	21.37	21.46		
1.4	16QAM	3	1	21.24	21.18	21.29		
1.4	16QAM	3	3	21.31	21.45	21.31		
1.4	16QAM	6	0	20.36	20.43	20.41	22	2
1.4	64QAM	1	0	20.42	20.45	20.17		
1.4	64QAM	1	3	20.21	20.42	20.25		
1.4	64QAM	1	5	20.28	20.24	20.27	22	2
1.4	64QAM	3	0	20.42	20.41	20.23		
1.4	64QAM	3	1	20.34	20.35	20.30		
1.4	64QAM	3	3	20.17	20.44	20.28		
1.4	64QAM	6	0	19.18	19.19	19.39	21	3
1.4	256QAM	1	0	17.16	17.25	17.26		
1.4	256QAM	1	3	17.42	17.20	17.49		
1.4	256QAM	1	5	17.33	17.29	17.30	19	5
1.4	256QAM	3	0	17.37	17.23	17.24		
1.4	256QAM	3	1	17.48	17.15	17.20		
1.4	256QAM	3	3	17.09	17.38	17.30		
1.4	256QAM	6	0	17.32	17.28	17.42	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.89	22.93	22.87		
20	QPSK	1	49	22.54	22.61	22.48	24	0
20	QPSK	1	99	22.53	22.64	22.51		
20	QPSK	50	0	21.78	21.79	21.60		
20	QPSK	50	24	21.70	21.70	21.72	23	1
20	QPSK	50	50	21.60	21.71	21.74		
20	QPSK	100	0	21.73	21.75	21.68		
20	16QAM	1	0	21.69	21.68	21.72		
20	16QAM	1	49	21.79	21.78	21.68	23	1
20	16QAM	1	99	21.65	21.65	21.64		
20	16QAM	50	0	20.83	20.73	20.80		
20	16QAM	50	24	20.77	20.84	20.76	22	2
20	16QAM	50	50	20.76	20.73	20.88		
20	16QAM	100	0	20.74	20.72	20.75		
20	64QAM	1	0	20.75	20.86	20.87		
20	64QAM	1	49	20.89	20.80	20.78	22	2
20	64QAM	1	99	20.85	20.81	20.80		
20	64QAM	50	0	19.89	19.73	19.72		
20	64QAM	50	24	19.70	19.88	19.77	21	3
20	64QAM	50	50	19.72	19.74	19.90		
20	64QAM	100	0	19.89	19.88	19.75		
20	256QAM	1	0	17.80	17.79	17.82		
20	256QAM	1	49	17.81	17.74	17.87	19	5
20	256QAM	1	99	17.79	17.84	17.80		
20	256QAM	50	0	17.85	17.71	17.71		
20	256QAM	50	24	17.88	17.71	17.75	19	5
20	256QAM	50	50	17.76	17.73	17.87		
20	256QAM	100	0	17.89	17.79	17.78		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.65	22.59	22.45		
15	QPSK	1	37	22.49	22.52	22.35	24	0
15	QPSK	1	74	22.48	22.50	22.35		
15	QPSK	36	0	21.73	21.75	21.43		
15	QPSK	36	20	21.51	21.55	21.59	23	1
15	QPSK	36	39	21.59	21.54	21.65		
15	QPSK	75	0	21.59	21.74	21.54		
15	16QAM	1	0	21.53	21.64	21.68		
15	16QAM	1	37	21.72	21.61	21.59	23	1
15	16QAM	1	74	21.61	21.60	21.63		
15	16QAM	36	0	20.67	20.62	20.66		
15	16QAM	36	20	20.65	20.75	20.65	22	2
15	16QAM	36	39	20.56	20.63	20.80		
15	16QAM	75	0	20.64	20.72	20.72		
15	64QAM	1	0	20.68	20.78	20.75		
15	64QAM	1	37	20.76	20.75	20.71	22	2
15	64QAM	1	74	20.82	20.72	20.62		
15	64QAM	36	0	19.82	19.56	19.65		
15	64QAM	36	20	19.65	19.74	19.63	21	3
15	64QAM	36	39	19.68	19.68	19.75		
15	64QAM	75	0	19.88	19.87	19.69		
15	256QAM	1	0	17.79	17.69	17.75		
15	256QAM	1	37	17.72	17.68	17.84	19	5
15	256QAM	1	74	17.76	17.74	17.64		
15	256QAM	36	0	17.75	17.64	17.68		
15	256QAM	36	20	17.83	17.61	17.73	19	5
15	256QAM	36	39	17.65	17.53	17.81		
15	256QAM	75	0	17.81	17.72	17.75		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.51	22.63	22.55		
10	QPSK	1	25	22.52	22.47	22.34	24	0
10	QPSK	1	49	22.52	22.51	22.43		
10	QPSK	25	0	21.66	21.60	21.51		
10	QPSK	25	12	21.56	21.59	21.54	23	1
10	QPSK	25	25	21.54	21.61	21.59		
10	QPSK	50	0	21.58	21.64	21.54		
10	16QAM	1	0	21.58	21.68	21.62		
10	16QAM	1	25	21.59	21.70	21.58	23	1
10	16QAM	1	49	21.53	21.66	21.46		
10	16QAM	25	0	20.68	20.71	20.60		
10	16QAM	25	12	20.72	20.68	20.70	22	2
10	16QAM	25	25	20.57	20.72	20.83		
10	16QAM	50	0	20.73	20.58	20.63		
10	64QAM	1	0	20.73	20.70	20.70		
10	64QAM	1	25	20.88	20.61	20.67	22	2
10	64QAM	1	49	20.67	20.71	20.61		
10	64QAM	25	0	19.79	19.63	19.71		
10	64QAM	25	12	19.69	19.88	19.64	21	3
10	64QAM	25	25	19.55	19.63	19.83		
10	64QAM	50	0	19.87	19.78	19.73		
10	256QAM	1	0	17.63	17.68	17.66		
10	256QAM	1	25	17.62	17.67	17.84	19	5
10	256QAM	1	49	17.72	17.78	17.76		
10	256QAM	25	0	17.83	17.56	17.68		
10	256QAM	25	12	17.86	17.70	17.74	19	5
10	256QAM	25	25	17.69	17.71	17.80		
10	256QAM	50	0	17.79	17.61	17.61		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.65	22.55	22.40		
5	QPSK	1	12	22.47	22.54	22.37	24	0
5	QPSK	1	24	22.43	22.63	22.35		
5	QPSK	12	0	21.72	21.78	21.56		
5	QPSK	12	7	21.52	21.66	21.62	23	1
5	QPSK	12	13	21.56	21.54	21.72		
5	QPSK	25	0	21.56	21.62	21.59		
5	16QAM	1	0	21.68	21.51	21.63		
5	16QAM	1	12	21.71	21.73	21.64	23	1
5	16QAM	1	24	21.60	21.57	21.55		
5	16QAM	12	0	20.77	20.64	20.71		
5	16QAM	12	7	20.71	20.66	20.60	22	2
5	16QAM	12	13	20.74	20.65	20.70		
5	16QAM	25	0	20.67	20.58	20.69		
5	64QAM	1	0	20.69	20.69	20.78		
5	64QAM	1	12	20.83	20.70	20.67	22	2
5	64QAM	1	24	20.68	20.77	20.69		
5	64QAM	12	0	19.76	19.60	19.66		
5	64QAM	12	7	19.50	19.80	19.74	21	3
5	64QAM	12	13	19.56	19.67	19.84		
5	64QAM	25	0	19.74	19.87	19.73		
5	256QAM	1	0	17.66	17.64	17.75		
5	256QAM	1	12	17.65	17.61	17.81	19	5
5	256QAM	1	24	17.76	17.72	17.61		
5	256QAM	12	0	17.67	17.70	17.63		
5	256QAM	12	7	17.75	17.53	17.68	19	5
5	256QAM	12	13	17.58	17.66	17.73		
5	256QAM	25	0	17.76	17.61	17.65		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.68	22.72	22.52		
3	QPSK	1	8	22.47	22.50	22.48	24	0
3	QPSK	1	14	22.43	22.62	22.45		
3	QPSK	8	0	21.77	21.66	21.45		
3	QPSK	8	4	21.65	21.63	21.72	23	1
3	QPSK	8	7	21.48	21.68	21.56		
3	QPSK	15	0	21.64	21.58	21.68		
3	16QAM	1	0	21.62	21.51	21.59		
3	16QAM	1	8	21.64	21.64	21.66	23	1
3	16QAM	1	14	21.45	21.52	21.62		
3	16QAM	8	0	20.82	20.59	20.65		
3	16QAM	8	4	20.59	20.82	20.57	22	2
3	16QAM	8	7	20.67	20.60	20.84		
3	16QAM	15	0	20.72	20.54	20.70		
3	64QAM	1	0	20.67	20.72	20.77		
3	64QAM	1	8	20.70	20.64	20.75	22	2
3	64QAM	1	14	20.68	20.64	20.65		
3	64QAM	8	0	19.71	19.58	19.55		
3	64QAM	8	4	19.62	19.71	19.71	21	3
3	64QAM	8	7	19.72	19.54	19.90		
3	64QAM	15	0	19.83	19.88	19.72		
3	256QAM	1	0	17.77	17.73	17.75		
3	256QAM	1	8	17.75	17.70	17.84	19	5
3	256QAM	1	14	17.59	17.77	17.66		
3	256QAM	8	0	17.76	17.71	17.62		
3	256QAM	8	4	17.84	17.67	17.64	19	5
3	256QAM	8	7	17.62	17.60	17.79		
3	256QAM	15	0	17.77	17.66	17.73		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.58	22.54	22.54		
1.4	QPSK	1	3	22.35	22.54	22.35		
1.4	QPSK	1	5	22.39	22.56	22.34	24	0
1.4	QPSK	3	0	22.42	22.48	22.35		
1.4	QPSK	3	1	22.52	22.50	22.40		
1.4	QPSK	3	3	22.39	22.50	22.32		
1.4	QPSK	6	0	21.55	21.60	21.54	23	1
1.4	16QAM	1	0	21.55	21.62	21.67		
1.4	16QAM	1	3	21.64	21.69	21.52		
1.4	16QAM	1	5	21.59	21.46	21.49	23	1
1.4	16QAM	3	0	21.41	21.64	21.58		
1.4	16QAM	3	1	21.48	21.70	21.60		
1.4	16QAM	3	3	21.46	21.69	21.68		
1.4	16QAM	6	0	20.71	20.69	20.67	22	2
1.4	64QAM	1	0	20.57	20.77	20.71		
1.4	64QAM	1	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.72	22.78	22.65	24	0
20	QPSK	1	49	22.74	22.67	22.56		
20	QPSK	1	99	22.58	22.77	22.56		
20	QPSK	50	0	21.55	21.65	21.56	23	1
20	QPSK	50	24	21.49	21.58	21.47		
20	QPSK	50	50	21.43	21.60	21.37		
20	QPSK	100	0	21.52	21.65	21.38		
20	16QAM	1	0	21.33	21.52	21.47	23	1
20	16QAM	1	49	21.48	21.67	21.51		
20	16QAM	1	99	21.51	21.65	21.50		
20	16QAM	50	0	20.50	20.55	20.30	22	2
20	16QAM	50	24	20.30	20.55	20.60		
20	16QAM	50	50	20.41	20.54	20.45		
20	16QAM	100	0	20.58	20.28	20.43		
20	64QAM	1	0	20.58	20.47	20.43	22	2
20	64QAM	1	49	20.55	20.55	20.57		
20	64QAM	1	99	20.43	20.49	20.59		
20	64QAM	50	0	19.45	19.31	19.27	21	3
20	64QAM	50	24	19.31	19.43	19.46		
20	64QAM	50	50	19.59	19.56	19.50		
20	64QAM	100	0	19.46	19.48	19.24		
20	256QAM	1	0	17.49	17.40	17.49	19	5
20	256QAM	1	49	17.42	17.30	17.42		
20	256QAM	1	99	17.35	17.62	17.33		
20	256QAM	50	0	17.51	17.53	17.48	19	5
20	256QAM	50	24	17.51	17.49	17.39		
20	256QAM	50	50	17.23	17.44	17.44		
20	256QAM	100	0	17.53	17.50	17.37		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.59	22.62	22.62	24	0
15	QPSK	1	37	22.62	22.57	22.35		
15	QPSK	1	74	22.42	22.72	22.47		
15	QPSK	36	0	21.38	21.63	21.43	23	1
15	QPSK	36	20	21.33	21.52	21.27		
15	QPSK	36	39	21.22	21.47	21.39		
15	QPSK	75	0	21.53	21.51	21.36		
15	16QAM	1	0	21.11	21.48	21.33	23	1
15	16QAM	1	37	21.26	21.58	21.40		
15	16QAM	1	74	21.32	21.57	21.46		
15	16QAM	36	0	20.44	20.52	20.17	22	2
15	16QAM	36	20	20.10	20.42	20.59		
15	16QAM	36	39	20.32	20.49	20.42		
15	16QAM	75	0	20.36	20.18	20.41		
15	64QAM	1	0	20.57	20.38	20.30	22	2
15	64QAM	1	37	20.37	20.49	20.52		
15	64QAM	1	74	20.22	20.39	20.43		
15	64QAM	36	0	19.37	19.25	19.15	21	3
15	64QAM	36	20	19.22	19.34	19.35		
15	64QAM	36	39	19.37	19.47	19.38		
15	64QAM	75	0	19.28	19.40	19.07		
15	256QAM	1	0	17.28	17.33	17.51	19	5
15	256QAM	1	37	17.41	17.22	17.44		
15	256QAM	1	74	17.21	17.48	17.14		
15	256QAM	36	0	17.41	17.50	17.43	19	5
15	256QAM	36	20	17.32	17.45	17.36		
15	256QAM	36	39	17.13	17.32	17.36		
15	256QAM	75	0	17.41	17.29	17.26		
Channel				37550	38000	38450	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.51	22.72	22.54	24	0
10	QPSK	1	25	22.70	22.65	22.57		
10	QPSK	1	49	22.57	22.72	22.57		
10	QPSK	25	0	21.36	21.56	21.51	23	1
10	QPSK	25	12	21.40	21.58	21.28		
10	QPSK	25	25	21.43	21.62	21.38		
10	QPSK	50	0	21.40	21.47	21.37		
10	16QAM	1	0	21.16	21.46	21.26	23	1
10	16QAM	1	25	21.50	21.48	21.42		
10	16QAM	1	49	21.47	21.38	21.50		
10	16QAM	25	0	20.34	20.43	20.08	22	2
10	16QAM	25	12	20.17	20.55	20.55		
10	16QAM	25	25	20.20	20.32	20.25		
10	16QAM	50	0	20.50	20.08	20.36		
10	64QAM	1	0	20.53	20.39	20.34	22	2
10	64QAM	1	25	20.46	20.57	20.56		
10	64QAM	1	49	20.42	20.48	20.38		
10	64QAM	25	0	19.40	19.23	19.13	21	3
10	64QAM	25	12	19.16	19.36	19.42		
10	64QAM	25	25	19.58	19.56	19.37		
10	64QAM	50	0	19.36	19.50	19.16		
10	256QAM	1	0	17.33	17.20	17.51	19	5
10	256QAM	1	25	17.33	17.20	17.31		
10	256QAM	1	49	17.32	17.61	17.32		
10	256QAM	25	0	17.49	17.50	17.47	19	5
10	256QAM	25	12	17.49	17.44	17.32		
10	256QAM	25	25	17.19	17.32	17.32		
10	256QAM	50	0	17.50	17.39	17.16		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.59	22.56	22.45	24	0
5	QPSK	1	12	22.56	22.57	22.52		
5	QPSK	1	24	22.51	22.75	22.48		
5	QPSK	12	0	21.36	21.66	21.43	23	1
5	QPSK	12	7	21.45	21.43	21.39		
5	QPSK	12	13	21.34	21.50	21.35		
5	QPSK	25	0	21.46	21.60	21.30		
5	16QAM	1	0	21.26	21.48	21.45	23	1
5	16QAM	1	12	21.38	21.48	21.41		
5	16QAM	1	24	21.52	21.47	21.28		
5	16QAM	12	0	20.49	20.56	20.25	22	2
5	16QAM	12	7	20.15	20.41	20.39		
5	16QAM	12	13	20.33	20.52	20.43		
5	16QAM	25	0	20.57	20.30	20.43		
5	64QAM	1	0	20.54	20.48	20.28	22	2
5	64QAM	1	12	20.53	20.44	20.41		
5	64QAM	1	24	20.43	20.34	20.42		
5	64QAM	12	0	19.35	19.20	19.22	21	3
5	64QAM	12	7	19.21	19.26	19.47		
5	64QAM	12	13	19.54	19.48	19.50		
5	64QAM	25	0	19.32	19.45	19.13		
5	256QAM	1	0	17.48	17.37	17.33	19	5
5	256QAM	1	12	17.34	17.31	17.34		
5	256QAM	1	24	17.15	17.58	17.29		
5	256QAM	12	0	17.48	17.46	17.36	19	5
5	256QAM	12	7	17.48	17.46	17.22		
5	256QAM	12	13	17.12	17.27	17.25		
5	256QAM	25	0	17.48	17.46	17.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.82	21.57	21.86	21.43	21.75	23	0
20	QPSK	1	49	21.80	21.54	21.83	21.43	21.59		
20	QPSK	1	99	21.71	21.51	21.77	21.49	21.61		
20	QPSK	50	0	20.83	20.65	20.87	20.47	20.51	22	1
20	QPSK	50	24	20.75	20.49	20.61	20.37	20.68		
20	QPSK	50	50	20.77	20.42	20.84	20.50	20.50		
20	QPSK	100	0	20.70	20.58	20.85	20.54	20.67		
20	16QAM	1	0	20.89	20.55	20.89	20.52	20.59	22	1
20	16QAM	1	49	20.71	20.52	20.83	20.50	20.66		
20	16QAM	1	99	20.81	20.54	20.85	20.47	20.56		
20	16QAM	50	0	19.81	19.72	19.86	19.48	19.82	21	2
20	16QAM	50	24	19.79	19.50	19.86	19.44	19.88		
20	16QAM	50	50	19.85	19.62	19.90	19.70	19.93		
20	16QAM	100	0	19.77	19.58	19.77	19.56	19.87		
20	64QAM	1	0	19.79	19.45	19.72	19.72	19.61	21	2
20	64QAM	1	49	19.81	19.61	19.78	19.67	19.63		
20	64QAM	1	99	19.57	19.46	19.67	19.51	19.71		
20	64QAM	50	0	18.50	18.20	18.62	18.15	18.45	20	3
20	64QAM	50	24	18.43	18.18	18.61	18.25	18.51		
20	64QAM	50	50	18.39	18.15	18.48	18.17	18.49		
20	64QAM	100	0	18.53	18.20	18.61	18.16	18.44		
20	256QAM	1	0	16.44	16.22	16.51	16.24	16.54	18	5
20	256QAM	1	49	16.53	16.16	16.56	16.21	16.59		
20	256QAM	1	99	16.49	16.11	16.56	16.23	16.60		
20	256QAM	50	0	16.38	16.16	16.58	16.20	16.50	18	5
20	256QAM	50	24	16.38	16.21	16.60	16.22	16.55		
20	256QAM	50	50	16.37	16.22	16.53	16.15	16.42		
20	256QAM	100	0	16.52	16.18	16.45	16.17	16.60		
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	21.30	21.09	21.49	21.16	21.44	23.00	0
15	QPSK	1	37	21.41	21.21	21.29	21.14	21.21		
15	QPSK	1	74	21.13	21.33	21.29	21.25	21.37		
15	QPSK	36	0	20.19	20.00	20.44	20.06	20.38	22	1
15	QPSK	36	20	20.37	20.18	20.41	20.12	20.38		
15	QPSK	36	39	20.29	20.19	20.37	20.10	20.27		
15	QPSK	75	0	20.27	20.07	20.37	20.07	20.40		
15	16QAM	1	0	20.42	20.23	20.40	20.18	20.59	22	1
15	16QAM	1	37	20.25	20.15	20.41	20.21	20.59		
15	16QAM	1	74	20.44	20.17	20.38	20.18	20.40		
15	16QAM	36	0	19.36	19.19	19.27	19.09	19.47	21	2
15	16QAM	36	20	19.48	19.09	19.48	19.08	19.38		
15	16QAM	36	39	19.24	19.00	19.44	19.00	19.45		
15	16QAM	75	0	19.25	19.05	19.38	19.01	19.34		
15	64QAM	1	0	19.31	19.12	19.45	19.14	19.30	21	2
15	64QAM	1	37	19.44	19.36	19.60	19.12	19.31		
15	64QAM	1	74	19.43	19.19	19.42	19.19	19.48		
15	64QAM	36	0	18.34	18.13	18.58	18.19	18.29	20	3
15	64QAM	36	20	18.29	18.16	18.47	18.11	18.33		
15	64QAM	36	39	18.37	18.15	18.39	18.14	18.36		
15	64QAM	75	0	18.38	18.20	18.50	18.10	18.43		
15	256QAM	1	0	16.44	16.07	16.42	16.24	16.49	18	5
15	256QAM	1	37	16.42	16.14	16.51	16.15	16.57		
15	256QAM	1	74	16.41	16.20	16.38	16.22	16.50		
15	256QAM	36	0	16.22	16.15	16.51	16.08	16.40	18	5
15	256QAM	36	20	16.32	16.15	16.54	16.16	16.39		
15	256QAM	36	39	16.19	16.12	16.46	16.10	16.31		
15	256QAM	75	0	16.36	16.09	16.45	16.09	16.53		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.66	21.51	21.65	21.22	21.68	23.00	0
10	QPSK	1	25	21.68	21.47	21.64	21.29	21.52		
10	QPSK	1	49	21.64	21.45	21.57	21.48	21.51		
10	QPSK	25	0	20.71	20.62	20.79	20.32	20.43	22	1
10	QPSK	25	12	20.53	20.33	20.47	20.37	20.62		
10	QPSK	25	25	20.69	20.42	20.73	20.44	20.42		
10	QPSK	50	0	20.66	20.41	20.80	20.36	20.47		
10	16QAM	1	0	20.74	20.64	20.45	20.38	20.50	22	1
10	16QAM	1	25	20.59	20.34	20.41	20.38	20.69		
10	16QAM	1	49	20.56	20.26	20.44	20.47	20.33		
10	16QAM	25	0	19.61	19.51	19.67	19.46	19.71	21	2
10	16QAM	25	12	19.63	19.46	19.41	19.44	19.41		
10	16QAM	25	25	19.76	19.45	19.32	19.60	19.43		
10	16QAM	50	0	19.74	19.46	19.74	19.46	19.79		
10	64QAM	1	0	19.61	19.38	19.71	19.61	19.41	21	2
10	64QAM	1	25	19.36	19.62	19.63	19.57	19.60		
10	64QAM	1	49	19.44	19.39	19.46	19.31	19.51		
10	64QAM	25	0	18.38	18.42	18.59	18.36	18.51	20	3
10	64QAM	25	12	18.31	18.44	18.63	18.32	18.37		
10	64QAM	25	25	18.27	18.15	18.43	18.51	18.44		
10	64QAM	50	0	18.39	18.48	18.60	18.46	18.43		
10	256QAM	1	0	16.22	16.38	16.37	16.24	16.40	18	5
10	256QAM	1	25	16.31	16.45	16.54	16.19	16.58		
10	256QAM	1	49	16.47	16.10	16.52	16.48	16.52		
10	256QAM	25	0	16.35	16.16	16.43	16.42	16.36	18	5
10	256QAM	25	12	16.31	16.32	16.44	16.34	16.48		
10	256QAM	25	25	16.31	16.35	16.53	16.37	16.30		
10	256QAM	50	0	16.31	16.13	16.36	16.05	16.43		
Channel				39675	40140	40620	41093	41560	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.63	21.44	21.55	21.21	21.58	23.00	0
5	QPSK	1	12	21.47	21.29	21.48	21.56	21.34		
5	QPSK	1	24	21.55	21.33	21.56	21.46	21.51		
5	QPSK	12	0	20.69	20.43	20.70	20.25	20.32	22	1
5	QPSK	12	7	20.36	20.49	20.42	20.53	20.43		
5	QPSK	12	13	20.60	20.29	20.61	20.24	20.22		
5	QPSK	25	0	20.66	20.42	20.80	20.30	20.47		
5	16QAM	1	0	20.53	20.62	20.29	20.20	20.41	22	1
5	16QAM	1	12	20.40	20.23	20.34	20.32	20.62		
5	16QAM	1	24	20.40	20.16	20.36	20.35	20.13		
5	16QAM	12	0	19.57	19.51	19.50	19.41	19.73	21	2
5	16QAM	12	7	19.54	19.42	19.23	19.29	19.37		
5	16QAM	12	13	19.67	19.47	19.64	19.58	19.31		
5	16QAM	25	0	19.66	19.37	19.59	19.44	19.60		
5	64QAM	1	0	19.39	19.20	19.58	19.60	19.39	21	2
5	64QAM	1	12	19.16	19.62	19.50	19.59	19.55		
5	64QAM	1	24	19.43	19.27	19.33	19.27	19.51		
5	64QAM	12	0	18.25	18.25	18.54	18.14	18.32	20	3
5	64QAM	12	7	18.27	18.43	18.45	18.30	18.32		
5	64QAM	12	13	18.25	18.15	18.43	18.35	18.44		
5	64QAM	25	0	18.32	18.37	18.47	18.29	18.38		
5	256QAM	1	0	16.17	16.40	16.18	16.37	16.34	18	5
5	256QAM	1	12	16.16	16.34	16.53	16.22	16.43		
5	256QAM	1	24	16.37	16.14	16.35	16.40	16.43		
5	256QAM	12	0	16.17	16.14	16.32	16.27	16.31	18	5
5	256QAM	12	7	16.32	16.23	16.36	16.17	16.49		
5	256QAM	12	13	16.29	16.24	16.55	16.31	16.16		
5	256QAM	25	0	16.20	16.13	16.37	16.22	16.31		

Band 41 Ant 1 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.62	24.39	24.78	24.37	24.76	26	0
20	QPSK	1	49	24.46	24.45	24.73	24.48	24.76		
20	QPSK	1	99	24.49	24.42	24.61	24.46	24.62		
20	QPSK	50	0	23.72	23.44	23.75	23.38	23.65	25	1
20	QPSK	50	24	23.58	23.45	23.68	23.45	23.70		
20	QPSK	50	50	23.56	23.65	23.68	23.50	23.62		
20	QPSK	100	0	23.57	23.30	23.78	23.29	23.54		
20	16QAM	1	0	23.62	23.52	23.79	23.53	23.87	25	1
20	16QAM	1	49	23.51	23.49	23.68	23.49	23.87		
20	16QAM	1	99	23.71	23.55	23.69	23.67	23.84		
20	16QAM	50	0	22.68	22.48	22.71	22.75	22.84	24	2
20	16QAM	50	24	22.67	22.78	22.82	22.66	22.70		
20	16QAM	50	50	22.54	22.40	22.84	22.46	22.87		
20	16QAM	100	0	22.61	22.38	22.69	22.36	22.79		
20	64QAM	1	0	22.61	22.61	22.86	22.45	22.82	24	2
20	64QAM	1	49	22.73	22.75	22.77	22.78	22.70		
20	64QAM	1	99	22.61	22.46	22.86	22.55	22.86		
20	64QAM	50	0	21.53	21.69	21.84	21.68	21.83	23	3
20	64QAM	50	24	21.74	21.81	21.88	21.78	21.85		
20	64QAM	50	50	21.55	21.87	21.87	21.72	21.72		
20	64QAM	100	0	21.59	21.78	21.85	21.87	21.69		
20	256QAM	1	0	19.51	19.66	19.66	19.63	19.66	21	5
20	256QAM	1	49	19.58	19.70	19.82	19.79	19.79		
20	256QAM	1	99	19.62	19.76	19.88	19.80	19.85		
20	256QAM	50	0	19.66	19.70	19.75	19.65	19.76	21	5
20	256QAM	50	24	19.63	19.69	19.85	19.69	19.76		
20	256QAM	50	50	19.52	19.83	19.81	19.70	19.72		
20	256QAM	100	0	19.50	19.67	19.75	19.66	19.87		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.63	24.47	24.62	24.54	24.62	26	0
15	QPSK	1	37	24.32	24.37	24.63	24.52	24.62		
15	QPSK	1	74	24.38	24.21	24.60	24.24	24.58		
15	QPSK	36	0	23.52	23.49	23.58	23.57	23.46	25	1
15	QPSK	36	20	23.41	23.41	23.49	23.42	23.54		
15	QPSK	36	39	23.44	23.42	23.47	23.28	23.50		
15	QPSK	75	0	23.54	23.46	23.58	23.46	23.34		
15	16QAM	1	0	23.64	23.45	23.63	23.48	23.85	25	1
15	16QAM	1	37	23.51	23.40	23.53	23.41	23.85		
15	16QAM	1	74	23.55	23.38	23.66	23.50	23.80		
15	16QAM	36	0	22.50	22.38	22.51	22.45	22.77	24	2
15	16QAM	36	20	22.64	22.60	22.77	22.53	22.52		
15	16QAM	36	39	22.47	22.61	22.75	22.54	22.79		
15	16QAM	75	0	22.42	22.43	22.67	22.34	22.70		
15	64QAM	1	0	22.43	22.53	22.82	22.61	22.67	24	2
15	64QAM	1	37	22.59	22.58	22.61	22.53	22.70		
15	64QAM	1	74	22.55	22.49	22.74	22.48	22.84		
15	64QAM	36	0	21.54	21.50	21.66	21.60	21.65	23	3
15	64QAM	36	20	21.67	21.67	21.74	21.57	21.74		
15	64QAM	36	39	21.42	21.49	21.70	21.53	21.56		
15	64QAM	75	0	21.42	21.56	21.68	21.49	21.64		
15	256QAM	1	0	19.42	19.36	19.62	19.34	19.51	21	5
15	256QAM	1	37	19.53	19.45	19.74	19.59	19.71		
15	256QAM	1	74	19.58	19.55	19.79	19.64	19.74		
15	256QAM	36	0	19.60	19.47	19.54	19.47	19.77	21	5
15	256QAM	36	20	19.63	19.66	19.74	19.44	19.77		
15	256QAM	36	39	19.43	19.55	19.76	19.39	19.68		
15	256QAM	75	0	19.45	19.42	19.65	19.34	19.84		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.47	24.42	24.60	24.43	24.60	26	0
10	QPSK	1	25	24.32	24.43	24.75	24.48	24.59		
10	QPSK	1	49	24.32	24.41	24.54	24.26	24.46		
10	QPSK	25	0	23.66	23.43	23.61	23.43	23.44	25	1
10	QPSK	25	12	23.54	23.31	23.69	23.31	23.61		
10	QPSK	25	25	23.34	23.39	23.48	23.35	23.48		
10	QPSK	50	0	23.41	23.44	23.57	23.50	23.48		
10	16QAM	1	0	23.53	23.39	23.69	23.53	23.82	25	1
10	16QAM	1	25	23.51	23.50	23.56	23.39	23.70		
10	16QAM	1	49	23.56	23.33	23.65	23.46	23.73		
10	16QAM	25	0	22.62	22.30	22.50	22.43	22.65	24	2
10	16QAM	25	12	22.48	22.41	22.75	22.45	22.70		
10	16QAM	25	25	22.36	22.65	22.65	22.65	22.71		
10	16QAM	50	0	22.47	22.40	22.62	22.43	22.61		
10	64QAM	1	0	22.54	22.62	22.77	22.52	22.73	24	2
10	64QAM	1	25	22.60	22.53	22.75	22.37	22.62		
10	64QAM	1	49	22.45	22.65	22.67	22.46	22.86		
10	64QAM	25	0	21.41	21.59	21.85

Band 42 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.47	22.56	22.42	24	0
20	QPSK	1	49	22.37	22.21	22.20		
20	QPSK	1	99	22.12	22.50	22.08		
20	QPSK	50	0	21.56	21.60	21.51	23	1
20	QPSK	50	24	21.51	21.47	21.34		
20	QPSK	50	50	21.43	21.53	21.36		
20	QPSK	100	0	21.34	21.45	21.31		
20	16QAM	1	0	21.31	21.68	21.36	23	1
20	16QAM	1	49	21.41	21.49	21.23		
20	16QAM	1	99	21.59	21.44	21.41		
20	16QAM	50	0	20.80	20.78	20.71	22	2
20	16QAM	50	24	20.65	20.66	20.56		
20	16QAM	50	50	20.47	20.69	20.68		
20	16QAM	100	0	20.69	20.63	20.65		
20	64QAM	1	0	20.69	20.51	20.52	22	2
20	64QAM	1	49	20.44	20.57	20.48		
20	64QAM	1	99	20.52	20.53	20.49		
20	64QAM	50	0	19.52	19.70	19.78	21	3
20	64QAM	50	24	19.52	19.82	19.62		
20	64QAM	50	50	19.55	19.78	19.56		
20	64QAM	100	0	19.60	19.66	19.50		
20	256QAM	1	0	17.76	17.66	17.74	19	5
20	256QAM	1	49	17.50	17.69	17.56		
20	256QAM	1	99	17.51	17.57	17.42		
20	256QAM	50	0	17.57	17.68	17.56	19	5
20	256QAM	50	24	17.42	17.57	17.43		
20	256QAM	50	50	17.54	17.57	17.49		
20	256QAM	100	0	17.51	17.52	17.45		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.29	22.44	22.28	24	0
15	QPSK	1	37	22.36	22.16	22.10		
15	QPSK	1	74	22.05	22.48	22.23		
15	QPSK	36	0	21.46	21.54	21.44	23	1
15	QPSK	36	20	21.32	21.38	21.34		
15	QPSK	36	39	21.37	21.48	21.17		
15	QPSK	75	0	21.15	21.36	21.19		
15	16QAM	1	0	21.14	21.60	21.36	23	1
15	16QAM	1	37	21.40	21.39	21.11		
15	16QAM	1	74	21.53	21.39	21.34		
15	16QAM	36	0	20.77	20.67	20.67	22	2
15	16QAM	36	20	20.49	20.56	20.43		
15	16QAM	36	39	20.44	20.66	20.52		
15	16QAM	75	0	20.68	20.43	20.60		
15	64QAM	1	0	20.64	20.47	20.45	22	2
15	64QAM	1	37	20.40	20.56	20.42		
15	64QAM	1	74	20.41	20.37	20.39		
15	64QAM	36	0	19.33	19.64	19.72	21	3
15	64QAM	36	20	19.48	19.46	19.43		
15	64QAM	36	39	19.50	19.67	19.47		
15	64QAM	75	0	19.44	19.48	19.46		
15	256QAM	1	0	17.61	17.54	17.58	19	5
15	256QAM	1	37	17.36	17.52	17.54		
15	256QAM	1	74	17.41	17.52	17.27		
15	256QAM	36	0	17.48	17.50	17.44	19	5
15	256QAM	36	20	17.24	17.41	17.25		
15	256QAM	36	39	17.47	17.39	17.31		
15	256QAM	75	0	17.41	17.48	17.27		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.32	22.55	22.26	24	0
10	QPSK	1	25	22.21	22.19	22.12		
10	QPSK	1	49	22.08	22.36	22.27		
10	QPSK	25	0	21.55	21.55	21.32	23	1
10	QPSK	25	12	21.37	21.44	21.33		
10	QPSK	25	25	21.36	21.39	21.33		
10	QPSK	50	0	21.23	21.35	21.19		
10	16QAM	1	0	21.21	21.57	21.25	23	1
10	16QAM	1	25	21.40	21.39	21.17		
10	16QAM	1	49	21.54	21.42	21.38		
10	16QAM	25	0	20.61	20.67	20.68	22	2
10	16QAM	25	12	20.57	20.63	20.47		
10	16QAM	25	25	20.31	20.69	20.57		
10	16QAM	50	0	20.67	20.44	20.63		
10	64QAM	1	0	20.52	20.42	20.50	22	2
10	64QAM	1	25	20.43	20.49	20.42		
10	64QAM	1	49	20.35	20.47	20.47		
10	64QAM	25	0	19.38	19.62	19.70	21	3
10	64QAM	25	12	19.48	19.45	19.58		
10	64QAM	25	25	19.55	19.64	19.54		
10	64QAM	50	0	19.51	19.52	19.46		
10	256QAM	1	0	17.68	17.59	17.59	19	5
10	256QAM	1	25	17.46	17.56	17.41		
10	256QAM	1	49	17.37	17.45	17.27		
10	256QAM	25	0	17.40	17.53	17.45	19	5
10	256QAM	25	12	17.27	17.42	17.32		
10	256QAM	25	25	17.46	17.38	17.48		
10	256QAM	50	0	17.42	17.49	17.37		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.38	22.40	22.42	24	0
5	QPSK	1	12	22.18	22.10	22.00		
5	QPSK	1	24	22.30	22.50	22.32		
5	QPSK	12	0	21.54	21.41	21.32	23	1
5	QPSK	12	7	21.35	21.43	21.19		
5	QPSK	12	13	21.26	21.50	21.23		
5	QPSK	25	0	21.31	21.44	21.23		
5	16QAM	1	0	21.28	21.63	21.22	23	1
5	16QAM	1	12	21.31	21.40	21.15		
5	16QAM	1	24	21.52	21.27	21.30		
5	16QAM	12	0	20.73	20.66	20.51	22	2
5	16QAM	12	7	20.63	20.62	20.52		
5	16QAM	12	13	20.28	20.65	20.55		
5	16QAM	25	0	20.59	20.49	20.61		
5	64QAM	1	0	20.50	20.41	20.50	22	2
5	64QAM	1	12	20.25	20.38	20.37		
5	64QAM	1	24	20.51	20.49	20.36		
5	64QAM	12	0	19.44	19.53	19.62	21	3
5	64QAM	12	7	19.48	19.56	19.45		
5	64QAM	12	13	19.43	19.74	19.46		
5	64QAM	25	0	19.42	19.47	19.35		
5	256QAM	1	0	17.61	17.58	17.73	19	5
5	256QAM	1	12	17.48	17.64	17.48		
5	256QAM	1	24	17.47	17.51	17.29		
5	256QAM	12	0	17.56	17.62	17.37	19	5
5	256QAM	12	7	17.41	17.41	17.29		
5	256QAM	12	13	17.43	17.41	17.43		
5	256QAM	25	0	17.37	17.34	17.33		

Band 42 Ant 4

BW [MHz]	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	23.19	23.20	23.17	24	0
20	QPSK	1	49	23.08	22.92	22.96		
20	QPSK	1	99	23.11	22.91	23.05		
20	QPSK	50	0	22.04	22.07	21.86	23	1
20	QPSK	50	24	21.95	21.90	21.97		
20	QPSK	50	50	21.83	21.96	21.85		
20	QPSK	100	0	21.77	22.10	21.85		
20	16QAM	1	0	21.87	22.05	21.88	23	1
20	16QAM	1	49	21.75	21.88	21.79		
20	16QAM	1	99	21.78	21.86	21.94		
20	16QAM	50	0	20.94	21.11	20.99	22	2
20	16QAM	50	24	20.98	20.95	21.02		
20	16QAM	50	50	20.86	21.07	20.82		
20	16QAM	100	0	21.01	21.07	21.02		
20	64QAM	1	0	20.81	21.15	21.04	22	2
20	64QAM	1	49	20.88	20.94	21.07		
20	64QAM	1	99	20.99	21.00	20.94		
20	64QAM	50	0	19.93	19.91	19.84	21	3
20	64QAM	50	24	20.08	19.97	19.82		
20	64QAM	50	50	19.86	20.11	19.87		
20	64QAM	100	0	20.09	20.14	20.00		
20	256QAM	1	0	18.06	18.07	17.97	19	5
20	256QAM	1	49	17.83	17.95	18.14		
20	256QAM	1	99	18.08	17.97	18.00		
20	256QAM	50	0	17.98	18.03	17.99	19	5
20	256QAM	50	24	18.11	18.06	17.99		
20	256QAM	50	50	18.05	17.98	18.08		
20	256QAM	100	0	17.96	17.94	17.93		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.07	23.01	22.97	24	0
15	QPSK	1	37	22.74	22.75	22.76		
15	QPSK	1	74	22.81	22.78	22.95		
15	QPSK	36	0	22.04	22.03	21.69	23	1
15	QPSK	36	20	21.80	21.74	21.86		
15	QPSK	36	39	21.63	21.80	21.68		
15	QPSK	75	0	21.56	21.97	21.78		
15	16QAM	1	0	21.67	22.03	21.73	23	1
15	16QAM	1	37	21.75	21.84	21.81		
15	16QAM	1	74	21.78	21.80	21.91		
15	16QAM	36	0	20.90	21.07	20.87	22	2
15	16QAM	36	20	20.80	20.76	20.83		
15	16QAM	36	39	20.79	20.92	20.76		
15	16QAM	75	0	20.86	20.91	20.92		
15	64QAM	1	0	20.77	20.96	21.06	22	2
15	64QAM	1	37	20.79	20.84	20.90		
15	64QAM	1	74	20.98	20.82	20.96		
15	64QAM	36	0	19.80	19.86	19.75	21	3
15	64QAM	36	20	19.86	19.92	19.63		
15	64QAM	36	39	19.76	20.10	19.76		
15	64QAM	75	0	19.98	20.05	19.86		
15	256QAM	1	0	17.85	17.94	17.76	19	5
15	256QAM	1	37	17.78	17.77	17.95		
15	256QAM	1	74	17.90	17.77	17.97		
15	256QAM	36	0	17.92	17.95	17.95	19	5
15	256QAM	36	20	18.05	17.89	17.89		
15	256QAM	36	39	18.04	17.88	17.89		
15	256QAM	75	0	17.92	17.95	17.72		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.03	23.13	23.13	24	0
10	QPSK	1	25	22.77	22.73	22.96		
10	QPSK	1	49	22.87	22.79	22.90		
10	QPSK	25	0	21.99	22.03	21.74	23	1
10	QPSK	25	12	21.85	21.79	21.86		
10	QPSK	25	25	21.78	21.95	21.86		
10	QPSK	50	0	21.65	22.02	21.76		
10	16QAM	1	0	21.83	22.03	21.81	23	1
10	16QAM	1	25	21.66	21.80	21.62		
10	16QAM	1	49	21.75	21.72	21.94		
10	16QAM	25	0	20.80	21.04	20.79	22	2
10	16QAM	25	12	20.87	20.95	20.96		
10	16QAM	25	25	20.77	20.88	20.65		
10	16QAM	50	0	20.92	20.99	20.92		
10	64QAM	1	0	20.66	20.95	20.85	22	2
10	64QAM	1	25	20.69	20.90	21.02		
10	64QAM	1	49	20.98	20.98	20.90		
10	64QAM	25	0	19.85	19.93	19.70	21	3
10	64QAM	25	12	20.08	19.78	19.63		
10	64QAM	25	25	19.67	19.90	19.72		
10	64QAM	50	0	19.93	20.00	19.84		
10	256QAM	1	0	17.99	18.02	17.97	19	5
10	256QAM	1	25	17.83	17.74	17.92		
10	256QAM	1	49	17.91	17.84	17.92		
10	256QAM	25	0	17.86	17.99	17.99	19	5
10	256QAM	25	12	18.11	18.01	17.94		
10	256QAM	25	25	17.93	18.00	17.96		
10	256QAM	50	0	17.87	17.79	17.73		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.05	23.07	23.12	24	0
5	QPSK	1	12	22.67	22.89	22.77		
5	QPSK	1	24	22.69	22.73	22.97		
5	QPSK	12	0	21.88	21.97	21.82	23	1
5	QPSK	12	7	21.77	21.84	21.78		
5	QPSK	12	13	21.75	21.84	21.64		
5	QPSK	25	0	21.70	21.90	21.68		
5	16QAM	1	0	21.70	21.89	21.83	23	1
5	16QAM	1	12	21.77	21.83	21.59		
5	16QAM	1	24	21.61	21.81	21.88		
5	16QAM	12	0	20.81	20.96	20.78	22	2
5	16QAM	12	7	20.77	20.97	20.91		
5	16QAM	12	13	20.66	20.96	20.69		
5	16QAM	25	0	20.90	21.03	21.02		
5	64QAM	1	0	20.77	20.94	20.98	22	2
5	64QAM	1	12	20.89	20.81	20.92		
5	64QAM	1	24	21.00	20.85	20.88		
5	64QAM	12	0	19.74	19.90	19.74	21	3
5	64QAM	12	7	19.98	19.76	19.77		
5	64QAM	12	13	19.83	20.08	19.79		
5	64QAM	25	0	20.06	20.02	19.95		
5	256QAM	1	0	17.88	17.87	17.88	19	5
5	256QAM	1	12	17.80	17.84	18.14		
5	256QAM	1	24	17.90	17.82	17.94		
5	256QAM	12	0	17.95	18.02	17.81	19	5
5	256QAM	12	7	17.89	18.05	17.87		
5	256QAM	12	13	17.95	17.76	18.09		
5	256QAM	25	0	17.97	17.81	17.86		

Band 42 Ant 7

BW [MHz]	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	23.21	23.28	23.04	24	0
20	QPSK	1	49	23.16	23.10	22.97		
20	QPSK	1	99	23.23	23.07	22.97		
20	QPSK	50	0	22.21	22.29	22.25	23	1
20	QPSK	50	24	22.00	22.22	22.25		
20	QPSK	50	50	22.01	22.27	22.04		
20	QPSK	100	0	22.06	22.21	22.20		
20	16QAM	1	0	22.18	22.28	22.19	23	1
20	16QAM	1	49	22.17	22.09	22.26		
20	16QAM	1	99	22.21	22.14	22.10		
20	16QAM	50	0	21.19	21.32	21.25	22	2
20	16QAM	50	24	21.18	21.28	21.24		
20	16QAM	50	50	21.16	21.26	21.17		
20	16QAM	100	0	21.23	21.19	21.28		
20	64QAM	1	0	21.14	21.35	21.18	22	2
20	64QAM	1	49	21.28	21.38	21.31		
20	64QAM	1	99	21.28	21.33	21.27		
20	64QAM	50	0	20.21	20.26	20.23	21	3
20	64QAM	50	24	20.30	20.36	20.27		
20	64QAM	50	50	20.32	20.39	20.22		
20	64QAM	100	0	20.27	20.25	20.21		
20	256QAM	1	0	18.31	18.32	18.36	19	5
20	256QAM	1	49	18.30	18.29	18.36		
20	256QAM	1	99	18.15	18.37	18.25		
20	256QAM	50	0	18.19	18.32	18.37	19	5
20	256QAM	50	24	18.26	18.31	18.18		
20	256QAM	50	50	18.22	18.22	18.24		
20	256QAM	100	0	18.20	18.24	18.22		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.18	23.13	22.85	24	0
15	QPSK	1	37	23.11	23.11	22.89		
15	QPSK	1	74	23.03	22.94	22.87		
15	QPSK	36	0	22.17	22.20	22.24	23	1
15	QPSK	36	20	21.89	22.10	22.24		
15	QPSK	36	39	21.98	22.17	22.06		
15	QPSK	75	0	21.94	22.18	22.13		
15	16QAM	1	0	22.11	22.30	22.13	23	1
15	16QAM	1	37	22.01	21.97	22.05		
15	16QAM	1	74	22.03	22.16	22.10		
15	16QAM	36	0	21.01	21.25	21.23	22	2
15	16QAM	36	20	21.07	21.07	21.21		
15	16QAM	36	39	20.95	21.11	21.08		
15	16QAM	75	0	21.01	21.19	21.25		
15	64QAM	1	0	21.01	21.17	20.99	22	2
15	64QAM	1	37	21.13	21.21	21.21		
15	64QAM	1	74	21.08	21.30	21.07		
15	64QAM	36	0	20.06	20.09	20.23	21	3
15	64QAM	36	20	20.14	20.14	20.11		
15	64QAM	36	39	20.29	20.23	20.19		
15	64QAM	75	0	20.07	20.05	20.22		
15	256QAM	1	0	18.28	18.23	18.21	19	5
15	256QAM	1	37	18.15	18.24	18.34		
15	256QAM	1	74	17.98	18.35	18.23		
15	256QAM	36	0	18.00	18.20	18.35	19	5
15	256QAM	36	20	18.27	18.14	18.11		
15	256QAM	36	39	18.20	18.07	18.21		
15	256QAM	75	0	18.08	18.23	18.18		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.00	23.16	22.84	24	0
10	QPSK	1	25	23.06	22.92	22.77		
10	QPSK	1	49	23.06	22.87	22.89		
10	QPSK	25	0	22.01	22.21	22.24	23	1
10	QPSK	25	12	22.00	22.04	22.15		
10	QPSK	25	25	21.80	22.19	22.02		
10	QPSK	50	0	21.87	22.04	22.21		
10	16QAM	1	0	21.99	22.25	22.01	23	1
10	16QAM	1	25	22.01	22.11	22.19		
10	16QAM	1	49	22.19	22.07	21.94		
10	16QAM	25	0	21.17	21.23	21.25	22	2
10	16QAM	25	12	21.14	21.11	21.05		
10	16QAM	25	25	21.05	21.04	21.03		
10	16QAM	50	0	21.18	21.05	21.13		
10	64QAM	1	0	21.06	21.23	21.20	22	2
10	64QAM	1	25	21.24	21.17	21.27		
10	64QAM	1	49	21.23	21.31	21.08		
10	64QAM	25	0	20.20	20.16	20.18	21	3
10	64QAM	25	12	20.28	20.14	20.09		
10	64QAM	25	25	20.20	20.20	20.13		
10	64QAM	50	0	20.07	20.07	20.03		
10	256QAM	1	0	18.14	18.11	18.15	19	5
10	256QAM	1	25	18.12	18.26	18.28		
10	256QAM	1	49	18.03	18.38	18.05		
10	256QAM	25	0	18.08	18.31	18.36	19	5
10	256QAM	25	12	18.08	18.11	18.07		
10	256QAM	25	25	18.06	18.05	18.14		
10	256QAM	50	0	18.15	18.09	18.07		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.00	23.06	22.83	24	0
5	QPSK	1	12	22.99	23.11	22.97		
5	QPSK	1	24	23.18	23.01	22.76		
5	QPSK	12	0	22.21	22.14	22.09	23	1
5	QPSK	12	7	21.79	22.11	22.14		
5	QPSK	12	13	21.84	22.12	22.01		
5	QPSK	25	0	22.07	22.03	22.18		
5	16QAM	1	0	22.02	22.20	22.15	23	1
5	16QAM	1	12	22.07	22.03	22.25		
5	16QAM	1	24	22.17	22.00	22.07		
5	16QAM	12	0	21.16	21.29	21.07	22	2
5	16QAM	12	7	21.07	21.25	21.17		
5	16QAM	12	13	21.06	21.13	21.09		
5	16QAM	25	0	21.04	21.19	21.18		
5	64QAM	1	0	21.13	21.27	21.12	22	2
5	64QAM	1	12	21.18	21.23	21.13		
5	64QAM	1	24	21.19	21.27	21.29		
5	64QAM	12	0	20.12	20.21	20.24	21	3
5	64QAM	12	7	20.31	20.37	20.24		
5	64QAM	12	13	20.26	20.32	20.05		
5	64QAM	25	0	20.09	20.16	20.04		
5	256QAM	1	0	18.25	18.17	18.30	19	5
5	256QAM	1	12	18.20	18.09	18.32		
5	256QAM	1	24	17.98	18.16	18.09		
5	256QAM	12	0	18.15	18.11	18.39	19	5
5	256QAM	12	7	18.27	18.23	18.11		
5	256QAM	12	13	18.15	18.04	18.23		
5	256QAM	25	0	18.11	18.24	18.18		

Band 42 Ant 8

BW [MHz]	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	22.16	22.21	22.02	23	0
20	QPSK	1	49	21.96	22.09	22.01		
20	QPSK	1	99	22.17	22.07	21.95		
20	QPSK	50	0	21.14	21.17	20.98	22	1
20	QPSK	50	24	21.08	21.14	20.98		
20	QPSK	50	50	21.13	21.04	20.96		
20	QPSK	100	0	21.06	21.16	20.86		
20	16QAM	1	0	21.00	21.17	21.04	22	1
20	16QAM	1	49	21.01	21.01	20.85		
20	16QAM	1	99	20.96	21.14	20.86		
20	16QAM	50	0	20.03	20.02	19.83	21	2
20	16QAM	50	24	20.15	20.22	20.01		
20	16QAM	50	50	20.04	20.14	19.92		
20	16QAM	100	0	20.05	20.04	19.94		
20	64QAM	1	0	20.04	20.15	19.86	21	2
20	64QAM	1	49	19.95	20.03	19.82		
20	64QAM	1	99	20.13	20.04	19.95		
20	64QAM	50	0	18.98	19.12	19.01	20	3
20	64QAM	50	24	19.17	19.20	18.94		
20	64QAM	50	50	19.12	19.07	19.03		
20	64QAM	100	0	19.06	19.16	18.90		
20	256QAM	1	0	17.20	17.18	17.10	18	5
20	256QAM	1	49	17.27	17.29	16.96		
20	256QAM	1	99	17.15	17.32	16.95		
20	256QAM	50	0	17.14	17.17	17.09	18	5
20	256QAM	50	24	17.13	17.26	17.02		
20	256QAM	50	50	17.11	17.32	16.97		
20	256QAM	100	0	17.15	17.24	16.97		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.16	22.11	21.82	23	0
15	QPSK	1	37	21.81	21.88	21.93		
15	QPSK	1	74	22.16	21.86	21.90		
15	QPSK	36	0	21.00	21.12	20.83	22	1
15	QPSK	36	20	20.94	21.01	20.83		
15	QPSK	36	39	21.14	20.86	20.85		
15	QPSK	75	0	20.86	21.09	20.70		
15	16QAM	1	0	21.00	21.03	20.89	22	1
15	16QAM	1	37	20.94	20.86	20.74		
15	16QAM	1	74	20.94	21.07	20.74		
15	16QAM	36	0	20.04	19.87	19.72	21	2
15	16QAM	36	20	20.07	20.16	19.93		
15	16QAM	36	39	19.84	19.93	19.81		
15	16QAM	75	0	19.99	19.85	19.89		
15	64QAM	1	0	19.82	20.10	19.71	21	2
15	64QAM	1	37	19.92	19.97	19.75		
15	64QAM	1	74	19.91	20.00	19.85		
15	64QAM	36	0	18.80	19.09	18.80	20	3
15	64QAM	36	20	19.15	19.05	18.96		
15	64QAM	36	39	19.06	19.03	19.05		
15	64QAM	75	0	18.93	18.97	18.76		
15	256QAM	1	0	17.01	17.08	17.00	18	5
15	256QAM	1	37	17.17	17.12	16.75		
15	256QAM	1	74	17.05	17.18	16.87		
15	256QAM	36	0	17.10	17.10	16.98	18	5
15	256QAM	36	20	17.10	17.27	16.86		
15	256QAM	36	39	16.96	17.32	16.91		
15	256QAM	75	0	17.08	17.11	16.94		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.99	22.10	21.96	23	0
10	QPSK	1	25	21.96	21.91	22.00		
10	QPSK	1	49	22.06	21.94	21.91		
10	QPSK	25	0	21.09	20.98	20.88	22	1
10	QPSK	25	12	21.07	21.04	20.89		
10	QPSK	25	25	20.95	20.99	20.85		
10	QPSK	50	0	21.01	21.14	20.80		
10	16QAM	1	0	21.00	21.13	21.02	22	1
10	16QAM	1	25	20.80	20.91	20.68		
10	16QAM	1	49	20.88	20.99	20.77		
10	16QAM	25	0	19.84	19.90	19.81	21	2
10	16QAM	25	12	20.05	20.03	19.86		
10	16QAM	25	25	20.03	20.04	19.73		
10	16QAM	50	0	19.92	19.96	19.93		
10	64QAM	1	0	20.02	20.07	19.79	21	2
10	64QAM	1	25	19.79	19.96	19.81		
10	64QAM	1	49	19.98	19.92	19.96		
10	64QAM	25	0	18.99	19.10	18.94	20	3
10	64QAM	25	12	18.98	19.12	18.88		
10	64QAM	25	25	18.95	19.01	18.99		
10	64QAM	50	0	18.86	19.12	18.88		
10	256QAM	1	0	17.13	17.12	16.94	18	5
10	256QAM	1	25	17.18	17.10	16.74		
10	256QAM	1	49	17.02	17.17	16.91		
10	256QAM	25	0	16.95	17.01	17.07	18	5
10	256QAM	25	12	17.14	17.23	16.82		
10	256QAM	25	25	16.97	17.17	16.85		
10	256QAM	50	0	17.02	17.26	16.87		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.98	22.08	21.81	23	0
5	QPSK	1	12	21.89	21.95	21.98		
5	QPSK	1	24	22.01	21.88	21.88		
5	QPSK	12	0	21.03	21.00	20.99	22	1
5	QPSK	12	7	21.08	20.92	20.86		
5	QPSK	12	13	21.09	20.92	20.92		
5	QPSK	25	0	20.85	21.06	20.68		
5	16QAM	1	0	20.78	21.13	20.92	22	1
5	16QAM	1	12	20.92	21.02	20.68		
5	16QAM	1	24	20.83	21.00	20.64		
5	16QAM	12	0	20.02	19.93	19.73	21	2
5	16QAM	12	7	20.12	20.07	19.87		
5	16QAM	12	13	19.95	20.09	19.73		
5	16QAM	25	0	19.85	20.01	19.90		
5	64QAM	1	0	19.93	20.14	19.85	21	2
5	64QAM	1	12	19.85	19.91	19.80		
5	64QAM	1	24	19.95	20.02	19.82		
5	64QAM	12	0	18.93	19.12	19.02	20	3
5	64QAM	12	7	19.18	19.15	18.96		
5	64QAM	12	13	18.96	18.89	18.83		
5	64QAM	25	0	18.98	19.05	18.83		
5	256QAM	1	0	17.17	17.20	17.01	18	5
5	256QAM	1	12	17.09	17.19	16.79		
5	256QAM	1	24	17.03	17.23	16.78		
5	256QAM	12	0	17.07	17.18	17.05	18	5
5	256QAM	12	7	17.10	17.14	16.97		
5	256QAM	12	13	16.99	17.12	16.92		
5	256QAM	25	0	17.09	17.17	16.75		

Reduced Power Mode for Main PA ECI2

GSM850 Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.52	32.63	32.57	33.50	23.52	23.63	23.57	24.50
GPRS 1 Tx slot	32.35	32.50	32.46	33.50	23.35	23.50	23.46	24.50
GPRS 2 Tx slots	31.59	31.71	31.65	32.50	25.59	25.71	25.65	26.50
GPRS 3 Tx slots	29.69	29.80	29.75	30.50	25.43	25.54	25.49	26.24
GPRS 4 Tx slots	28.65	28.80	28.77	29.50	25.65	25.80	25.77	26.50
EDGE 1 Tx slot	27.05	27.13	27.08	27.50	18.05	18.13	18.08	18.50
EDGE 2 Tx slots	25.66	25.82	25.77	26.50	19.66	19.82	19.77	20.50
EDGE 3 Tx slots	23.43	23.56	23.49	24.50	19.17	19.30	19.23	20.24
EDGE 4 Tx slots	22.24	22.33	22.26	23.00	19.24	19.33	19.26	20.00

GSM1900 Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.32	29.40	29.25	30.50	20.32	20.40	20.25	21.50
GPRS 1 Tx slot	29.28	29.35	29.19	30.50	20.28	20.35	20.19	21.50
GPRS 2 Tx slots	28.55	28.68	28.43	29.50	22.55	22.68	22.43	23.50
GPRS 3 Tx slots	26.92	27.00	26.87	27.50	22.66	22.74	22.61	23.24
GPRS 4 Tx slots	25.83	25.89	25.72	26.50	22.83	22.89	22.72	23.50
EDGE 1 Tx slot	25.62	25.65	25.58	26.50	16.62	16.65	16.58	17.50
EDGE 2 Tx slots	24.45	24.48	24.40	25.50	18.45	18.48	18.40	19.50
EDGE 3 Tx slots	22.05	22.12	22.09	23.50	17.79	17.86	17.83	19.24
EDGE 4 Tx slots	20.64	20.73	20.68	21.50	17.64	17.73	17.68	18.50

Band		WCDMA II Ant 0			Tune-up Limit (dBm)	WCDMA IV Ant 0			Tune-up Limit (dBm)	WCDMA V Ant 0			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	23.15	23.20	23.11	24.00	23.24	23.30	23.17	24.00	23.34	23.40	23.19	24.00
3GPP Rel 99	RMC 12.2Kbps	23.18	23.23	23.16	24.00	23.29	23.33	23.21	24.00	23.39	23.45	23.23	24.00
3GPP Rel 6	HSDPA Subtest-1	22.11	22.28	22.13	23.00	22.22	22.38	22.12	23.00	22.43	22.35	22.16	23.00
3GPP Rel 6	HSDPA Subtest-2	22.16	22.27	22.11	23.00	22.29	22.36	22.22	23.00	22.40	22.33	22.21	23.00
3GPP Rel 6	HSDPA Subtest-3	21.68	21.70	21.62	22.50	21.66	21.87	21.68	22.50	21.90	21.94	21.64	22.50
3GPP Rel 6	HSDPA Subtest-4	21.64	21.82	21.63	22.50	21.74	21.77	21.58	22.50	21.77	21.88	21.68	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.17	22.25	22.24	23.00	22.26	22.33	22.17	23.00	22.38	22.41	22.17	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.15	22.24	22.11	23.00	22.23	22.27	22.18	23.00	22.29	22.41	22.21	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.65	21.67	21.72	22.50	21.73	21.84	21.63	22.50	21.76	21.97	21.77	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.67	21.66	21.74	22.50	21.78	21.81	21.66	22.50	21.83	21.83	21.77	22.50
3GPP Rel 6	HSUPA Subtest-1	22.17	22.21	22.19	23.00	22.20	22.29	22.25	23.00	22.35	22.32	22.24	23.00
3GPP Rel 6	HSUPA Subtest-2	20.15	20.17	20.10	21.00	20.33	20.34	20.14	21.00	20.30	20.50	20.16	21.00
3GPP Rel 6	HSUPA Subtest-3	21.24	21.24	21.14	22.00	21.36	21.32	21.20	22.00	21.43	21.38	21.15	22.00
3GPP Rel 6	HSUPA Subtest-4	20.18	20.12	20.11	21.00	20.24	20.38	20.29	21.00	20.36	20.46	20.16	21.00
3GPP Rel 6	HSUPA Subtest-5	22.22	22.17	22.25	23.00	22.31	22.23	22.12	23.00	22.43	22.48	22.23	23.00

Band 2 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.52	22.56	22.47		
20	QPSK	1	49	22.32	22.44	22.32	24	0
20	QPSK	1	99	22.34	22.46	22.33		
20	QPSK	50	0	21.49	21.54	21.45		
20	QPSK	50	24	21.41	21.53	21.40	23	1
20	QPSK	50	50	21.31	21.49	21.44		
20	QPSK	100	0	21.42	21.49	21.40		
20	16QAM	1	0	21.37	21.34	21.25		
20	16QAM	1	49	21.30	21.35	21.37	23	1
20	16QAM	1	99	21.42	21.50	21.32		
20	16QAM	50	0	20.39	20.53	20.57		
20	16QAM	50	24	20.46	20.47	20.58	22	2
20	16QAM	50	50	20.57	20.44	20.43		
20	16QAM	100	0	20.57	20.60	20.58		
20	64QAM	1	0	20.50	20.58	20.59		
20	64QAM	1	49	20.59	20.38	20.40	22	2
20	64QAM	1	99	20.48	20.39	20.57		
20	64QAM	50	0	19.50	19.37	19.37		
20	64QAM	50	24	19.52	19.48	19.48	21	3
20	64QAM	50	50	19.53	19.54	19.39		
20	64QAM	100	0	19.44	19.49	19.37		
20	256QAM	1	0	17.47	17.50	17.46		
20	256QAM	1	49	17.50	17.46	17.50	19	5
20	256QAM	1	99	17.38	17.45	17.42		
20	256QAM	50	0	17.52	17.49	17.54		
20	256QAM	50	24	17.32	17.48	17.44	19	5
20	256QAM	50	50	17.40	17.52	17.54		
20	256QAM	100	0	17.47	17.40	17.43		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.33	22.37	22.40		
15	QPSK	1	37	22.29	22.36	22.20	24	0
15	QPSK	1	74	22.17	22.33	22.32		
15	QPSK	36	0	21.37	21.34	21.37		
15	QPSK	36	20	21.34	21.46	21.27	23	1
15	QPSK	36	39	21.11	21.32	21.29		
15	QPSK	75	0	21.43	21.43	21.32		
15	16QAM	1	0	21.23	21.29	21.13		
15	16QAM	1	37	21.23	21.24	21.31	23	1
15	16QAM	1	74	21.28	21.50	21.30		
15	16QAM	36	0	20.23	20.41	20.51		
15	16QAM	36	20	20.45	20.30	20.47	22	2
15	16QAM	36	39	20.39	20.23	20.39		
15	16QAM	75	0	20.48	20.54	20.42		
15	64QAM	1	0	20.47	20.39	20.48		
15	64QAM	1	37	20.42	20.19	20.32	22	2
15	64QAM	1	74	20.34	20.18	20.59		
15	64QAM	36	0	19.48	19.31	19.29		
15	64QAM	36	20	19.47	19.38	19.41	21	3
15	64QAM	36	39	19.40	19.43	19.38		
15	64QAM	75	0	19.45	19.32	19.34		
15	256QAM	1	0	17.28	17.30	17.37		
15	256QAM	1	37	17.51	17.25	17.46	19	5
15	256QAM	1	74	17.19	17.24	17.35		
15	256QAM	36	0	17.40	17.40	17.46		
15	256QAM	36	20	17.22	17.26	17.36	19	5
15	256QAM	36	39	17.36	17.35	17.45		
15	256QAM	75	0	17.37	17.39	17.34		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.54	22.50	22.36		
10	QPSK	1	25	22.33	22.22	22.32	24	0
10	QPSK	1	49	22.29	22.33	22.15		
10	QPSK	25	0	21.43	21.47	21.46		
10	QPSK	25	12	21.26	21.35	21.29	23	1
10	QPSK	25	25	21.22	21.42	21.34		
10	QPSK	50	0	21.33	21.34	21.29		
10	16QAM	1	0	21.21	21.34	21.18		
10	16QAM	1	25	21.20	21.20	21.35	23	1
10	16QAM	1	49	21.33	21.35	21.22		
10	16QAM	25	0	20.25	20.40	20.43		
10	16QAM	25	12	20.45	20.29	20.53	22	2
10	16QAM	25	25	20.46	20.45	20.43		
10	16QAM	50	0	20.36	20.46	20.54		
10	64QAM	1	0	20.33	20.45	20.42		
10	64QAM	1	25	20.45	20.29	20.25	22	2
10	64QAM	1	49	20.46	20.35	20.57		
10	64QAM	25	0	19.31	19.35	19.16		
10	64QAM	25	12	19.38	19.43	19.48	21	3
10	64QAM	25	25	19.52	19.42	19.27		
10	64QAM	50	0	19.34	19.34	19.26		
10	256QAM	1	0	17.45	17.40	17.26		
10	256QAM	1	25	17.40	17.24	17.38	19	5
10	256QAM	1	49	17.18	17.30	17.40		
10	256QAM	25	0	17.47	17.36	17.50		
10	256QAM	25	12	17.25	17.29	17.43	19	5
10	256QAM	25	25	17.36	17.42	17.41		
10	256QAM	50	0	17.26	17.19	17.22		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.30	22.37	22.43		
5	QPSK	1	12	22.31	22.28	22.27	24	0
5	QPSK	1	24	22.28	22.43	22.35		
5	QPSK	12	0	21.29	21.44	21.42		
5	QPSK	12	7	21.25	21.44	21.28	23	1
5	QPSK	12	13	21.27	21.31	21.46		
5	QPSK	25	0	21.35	21.32	21.39		
5	16QAM	1	0	21.34	21.14	21.15		
5	16QAM	1	12	21.24	21.27	21.29	23	1
5	16QAM	1	24	21.21	21.35	21.30		
5	16QAM	12	0	20.21	20.41	20.52		
5	16QAM	12	7	20.31	20.31	20.37	22	2
5	16QAM	12	13	20.55	20.24	20.36		
5	16QAM	25	0	20.45	20.58	20.40		
5	64QAM	1	0	20.46	20.42	20.44		
5	64QAM	1	12	20.49	20.20	20.36	22	2
5	64QAM	1	24	20.27	20.33	20.49		
5	64QAM	12	0	19.40	19.28	19.23		
5	64QAM	12	7	19.48	19.46	19.42	21	3
5	64QAM	12	13	19.45	19.34	19.31		
5	64QAM	25	0	19.23	19.46	19.22		
5	256QAM	1	0	17.26	17.32	17.35		
5	256QAM	1	12	17.40	17.38	17.38	19	5
5	256QAM	1	24	17.36	17.30	17.24		
5	256QAM	12	0	17.52	17.48	17.54		
5	256QAM	12	7	17.26	17.46	17.31	19	5
5	256QAM	12	13	17.21	17.44	17.43		
5	256QAM	25	0	17.40	17.26	17.26		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.45	22.36	22.29		
3	QPSK	1	8	22.26	22.26	22.24	24	0
3	QPSK	1	14	22.28	22.38	22.23		
3	QPSK	8	0	21.44	21.44	21.40		
3	QPSK	8	4	21.31	21.51	21.32	23	1
3	QPSK	8	7	21.14	21.36	21.39		
3	QPSK	15	0	21.37	21.49	21.31		
3	16QAM	1	0	21.09	21.26	21.20		
3	16QAM	1	8	21.17	21.21	21.16	23	1
3	16QAM	1	14	21.30	21.41	21.23		
3	16QAM	8	0	20.38	20.44	20.58		
3	16QAM	8	4	20.25	20.37	20.41	22	2
3	16QAM	8	7	20.39	20.42	20.29		
3	16QAM	15	0	20.37	20.58	20.54		
3	64QAM	1	0	20.37	20.42	20.53		
3	64QAM	1	8	20.48	20.26	20.29	22	2
3	64QAM	1	14	20.43	20.36	20.46		
3	64QAM	8	0	19.45	19.34	19.20		
3	64QAM	8	4	19.37	19.33	19.40	21	3
3	64QAM	8	7	19.39	19.35	19.19		
3	64QAM	15	0	19.28	19.49	19.33		
3	256QAM	1	0	17.38	17.50	17.33		
3	256QAM	1	8	17.50	17.28	17.49	19	5
3	256QAM	1	14	17.36	17.23	17.31		
3	256QAM	8	0	17.46	17.34	17.34		
3	256QAM	8	4	17.10	17.36	17.22	19	5
3	256QAM	8	7	17.32	17.45	17.36		
3	256QAM	15	0	17.36	17.28	17.45		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.43	22.47	22.35		
1.4	QPSK	1	3	22.28	22.35	22.24		
1.4	QPSK	1	5	22.23	22.24	22.13	24	0
1.4	QPSK	3	0	22.36	22.36	22.46		
1.4	QPSK	3	1	22.28	22.43	22.22		
1.4	QPSK	3	3	22.26	22.32	22.20		
1.4	QPSK	6	0	21.26	21.33	21.19	23	1
1.4	16QAM	1	0	21.17	21.25	21.04		
1.4	16QAM	1	3	21.12	21.21	21.20		
1.4	16QAM	1	5	21.27	21.50	21.29	23	1
1.4	16QAM	3	0	21.27	21.48	21.45		
1.4	16QAM	3	1	21.38	21.43	21.23		
1.4	16QAM	3	3	21.32	21.39	21.43		
1.4	16QAM	6	0	20.39	20.50	20.49	22	2
1.4	64QAM	1	0	20.42	20.50	20.40		
1.4	64QAM	1	3	20.51	20.38	20.20		
1.4	64QAM	1	5	20.37	20.24	20.38	22	2
1.4	64QAM	3	0	20.27	20.33	20.50		
1.4	64QAM	3	1	20.41	20.46	20.39		
1.4	64QAM	3	3	20.59	20.36	20.44		
1.4	64QAM	6	0	19.36	19.41	19.27	21	3
1.4	256QAM	1	0	17.28	17.45	17.33		
1.4	256QAM	1	3	17.44	17.26	17.47		
1.4	256QAM	1	5	17.23	17.31	17.28	19	5
1.4	256QAM	3	0	17.44	17.47	17.40		
1.4	256QAM	3	1	17.30	17.42	17.34		
1.4	256QAM	3	3	17.37	17.45	17.47		
1.4	256QAM	6	0	17.30	17.22	17.30	19	5

Band 4 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.92	22.99	22.79		
20	QPSK	1	49	22.75	22.72	22.78	24	0
20	QPSK	1	99	22.73	22.89	22.81		
20	QPSK	50	0	21.83	22.04	21.91		
20	QPSK	50	24	21.88	21.87	21.77	23	1
20	QPSK	50	50	21.62	21.93	21.88		
20	QPSK	100	0	21.72	21.86	21.84		
20	16QAM	1	0	21.77	21.63	21.67		
20	16QAM	1	49	21.69	21.71	21.78	23	1
20	16QAM	1	99	21.75	21.94	21.79		
20	16QAM	50	0	20.77	20.94	20.94		
20	16QAM	50	24	20.76	20.94	21.01	22	2
20	16QAM	50	50	20.99	20.86	20.78		
20	16QAM	100	0	21.05	20.97	21.03		
20	64QAM	1	0	21.01	20.91	21.07		
20	64QAM	1	49	20.93	20.69	20.90	22	2
20	64QAM	1	99	20.91	20.81	20.92		
20	64QAM	50	0	19.81	19.73	19.82		
20	64QAM	50	24	19.98	19.79	19.92	21	3
20	64QAM	50	50	19.83	19.98	19.74		
20	64QAM	100	0	19.83	19.95	19.75		
20	256QAM	1	0	17.86	17.93	17.82		
20	256QAM	1	49	18.00	17.93	17.87	19	5
20	256QAM	1	99	17.81	17.78	17.73		
20	256QAM	50	0	17.89	17.96	17.93		
20	256QAM	50	24	17.64	17.88	17.77	19	5
20	256QAM	50	50	17.89	17.99	17.88		
20	256QAM	100	0	17.90	17.91	17.83		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.93	22.86	22.79		
15	QPSK	1	37	22.65	22.82	22.82	24	0
15	QPSK	1	74	22.72	22.74	22.63		
15	QPSK	36	0	21.88	21.84	21.94		
15	QPSK	36	20	21.76	21.90	21.74	23	1
15	QPSK	36	39	21.59	21.96	21.82		
15	QPSK	75	0	21.72	21.86	21.69		
15	16QAM	1	0	21.68	21.72	21.61		
15	16QAM	1	37	21.77	21.69	21.68	23	1
15	16QAM	1	74	21.74	21.96	21.69		
15	16QAM	36	0	20.71	21.02	20.94		
15	16QAM	36	20	20.93	20.80	20.97	22	2
15	16QAM	36	39	20.85	20.76	20.94		
15	16QAM	75	0	20.90	21.03	20.90		
15	64QAM	1	0	20.83	20.97	20.97		
15	64QAM	1	37	21.09	20.83	20.87	22	2
15	64QAM	1	74	20.98	20.72	21.06		
15	64QAM	36	0	19.99	19.84	19.69		
15	64QAM	36	20	19.94	19.99	19.97	21	3
15	64QAM	36	39	20.05	19.92	19.85		
15	64QAM	75	0	19.75	19.86	19.69		
15	256QAM	1	0	17.75	17.81	17.88		
15	256QAM	1	37	17.89	17.80	17.92	19	5
15	256QAM	1	74	17.72	17.80	17.93		
15	256QAM	36	0	17.91	17.92	17.91		
15	256QAM	36	20	17.61	17.78	17.82	19	5
15	256QAM	36	39	17.76	17.88	17.98		
15	256QAM	75	0	17.81	17.87	17.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.93	22.87	22.81		
10	QPSK	1	25	22.68	22.84	22.71	24	0
10	QPSK	1	49	22.81	22.95	22.64		
10	QPSK	25	0	21.78	21.99	21.76		
10	QPSK	25	12	21.74	21.86	21.70	23	1
10	QPSK	25	25	21.67	21.95	21.73		
10	QPSK	50	0	21.79	21.85	21.81		
10	16QAM	1	0	21.77	21.79	21.68		
10	16QAM	1	25	21.64	21.66	21.67	23	1
10	16QAM	1	49	21.79	21.91	21.78		
10	16QAM	25	0	20.87	20.98	20.89		
10	16QAM	25	12	20.90	20.95	20.88	22	2
10	16QAM	25	25	20.96	20.89	20.84		
10	16QAM	50	0	21.04	20.92	20.87		
10	64QAM	1	0	20.87	21.08	21.00		
10	64QAM	1	25	20.91	20.70	20.84	22	2
10	64QAM	1	49	20.97	20.79	20.94		
10	64QAM	25	0	19.96	19.71	19.85		
10	64QAM	25	12	19.86	19.86	19.93	21	3
10	64QAM	25	25	19.94	19.94	19.80		
10	64QAM	50	0	19.89	19.95	19.66		
10	256QAM	1	0	17.97	17.81	17.90		
10	256QAM	1	25	17.83	17.84	17.97	19	5
10	256QAM	1	49	17.88	17.78	17.73		
10	256QAM	25	0	17.96	17.82	17.92		
10	256QAM	25	12	17.75	17.82	17.91	19	5
10	256QAM	25	25	17.82	17.96	17.98		
10	256QAM	50	0	17.93	17.88	17.93		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.96	22.95	22.85		
5	QPSK	1	12	22.69	22.88	22.77	24	0
5	QPSK	1	24	22.79	22.81	22.77		
5	QPSK	12	0	21.78	21.90	21.89		
5	QPSK	12	7	21.77	21.94	21.91	23	1
5	QPSK	12	13	21.79	21.78	21.90		
5	QPSK	25	0	21.73	21.89	21.82		
5	16QAM	1	0	21.77	21.78	21.61		
5	16QAM	1	12	21.75	21.78	21.67	23	1
5	16QAM	1	24	21.76	21.81	21.70		
5	16QAM	12	0	20.74	20.84	20.94		
5	16QAM	12	7	20.75	20.81	21.06	22	2
5	16QAM	12	13	20.96	20.84	20.76		
5	16QAM	25	0	20.97	20.91	21.06		
5	64QAM	1	0	21.02	20.89	20.97		
5	64QAM	1	12	20.95	20.85	20.88	22	2
5	64QAM	1	24	20.83	20.84	20.89		
5	64QAM	12	0	19.79	19.82	19.68		
5	64QAM	12	7	19.94	20.00	19.90	21	3
5	64QAM	12	13	19.81	19.83	19.87		
5	64QAM	25	0	19.87	19.86	19.68		
5	256QAM	1	0	17.96	17.91	17.98		
5	256QAM	1	12	17.85	17.82	17.96	19	5
5	256QAM	1	24	17.73	17.93	17.85		
5	256QAM	12	0	17.89	17.91	17.85		
5	256QAM	12	7	17.79	17.95	17.78	19	5
5	256QAM	12	13	17.82	17.99	18.01		
5	256QAM	25	0	17.91	17.73	17.87		
Channel				19950	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.82	22.95	22.84		
3	QPSK	1	8	22.63	22.93	22.61	24	0
3	QPSK	1	14	22.74	22.97	22.82		
3	QPSK	8	0	21.82	22.01	21.79		
3	QPSK	8	4	21.74	22.00	21.75	23	1
3	QPSK	8	7	21.70	21.78	21.74		
3	QPSK	15	0	21.78	21.90	21.89		
3	16QAM	1	0	21.83	21.69	21.75		
3	16QAM	1	8	21.67	21.72	21.68	23	1
3	16QAM	1	14	21.94	21.91	21.66		
3	16QAM	8	0	20.76	20.86	20.96		
3	16QAM	8	4	20.84	20.98	21.00	22	2
3	16QAM	8	7	20.89	20.77	20.74		
3	16QAM	15	0	20.91	21.09	20.95		
3	64QAM	1	0	21.00	20.91	20.96		
3	64QAM	1	8	21.09	20.72	20.68	22	2
3	64QAM	1	14	20.82	20.70	20.92		
3	64QAM	8	0	19.94	19.67	19.71		
3	64QAM	8	4	19.81	19.88	19.77	21	3
3	64QAM	8	7	20.01	19.95	19.90		
3	64QAM	15	0	19.77	20.01	19.72		
3	256QAM	1	0	17.92	17.99	17.76		
3	256QAM	1	8	17.79	17.81	17.82	19	5
3	256QAM	1	14	17.83	17.91	17.80		
3	256QAM	8	0	17.85	17.89	17.95		
3	256QAM	8	4	17.79	17.92	17.83	19	5
3	256QAM	8	7	17.89	17.90	17.84		
3	256QAM	15	0	17.86	17.72	17.90		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.92	22.94	22.61		
1.4	QPSK	1	3	22.53	22.59	22.63		
1.4	QPSK	1	5	22.59	22.88	22.76	24	0
1.4	QPSK	3	0	22.91	22.83	22.62		
1.4	QPSK	3	1	22.55	22.61	22.61		
1.4	QPSK	3	3	22.59	22.85	22.83		
1.4	QPSK	6	0	21.67	21.88	21.81	23	1
1.4	16QAM	1	0	21.59	21.43	21.48		
1.4	16QAM	1	3	21.53	21.66	21.62		
1.4	16QAM	1	5	21.58	21.81	21.59	23	1
1.4	16QAM	3	0	21.65	21.92	21.77		
1.4	16QAM	3	1	21.67	21.67	21.56		
1.4	16QAM	3	3	21.58	21.93	21.66		
1.4	16QAM	6	0	20.98	20.95	20.85	22	2
1.4	64QAM	1	0	20.92	20.76	21.06		
1.4	64QAM	1	3	20.90	20.61	20.79		
1.4	64QAM	1	5	20.93	20.78	20.82	22	2
1.4	64QAM	3	0	20.56	20.79	20.80		
1.4	64QAM	3	1	20.56	20.89	21.01		
1.4	64QAM	3	3	21.00	20.81	20.79		
1.4	64QAM	6	0	19.81	19.84	19.72	21	3
1.4	256QAM	1	0	17.73	17.85	17.83		
1.4	256QAM	1	3	18.00	17.71	17.66		
1.4	256QAM	1	5	17.71	17.63	17.55	19	5
1.4	256QAM	3	0	17.86	17.95	17.82		
1.4	256QAM	3	1	17.59	17.90	17.75		
1.4	256QAM	3	3	17.84	17.83	17.84		
1.4	256QAM	6	0	17.75	17.78	17.67	19	5

Band 5 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.92	22.97	22.95		
10	QPSK	1	25	22.72	22.94	22.81	24	0
10	QPSK	1	49	22.83	22.85	22.94		
10	QPSK	25	0	21.93	21.97	21.89		
10	QPSK	25	12	21.94	21.91	21.83	23	1
10	QPSK	25	25	21.75	21.85	21.88		
10	QPSK	50	0	21.88	21.95	21.90		
10	16QAM	1	0	21.89	21.90	21.81		
10	16QAM	1	25	21.95	21.80	21.69	23	1
10	16QAM	1	49	21.78	21.80	21.82		
10	16QAM	25	0	20.95	20.90	20.83		
10	16QAM	25	12	20.83	20.88	20.91	22	2
10	16QAM	25	25	20.96	20.81	21.00		
10	16QAM	50	0	21.01	21.01	20.81		
10	64QAM	1	0

Band 7 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.07	23.18	23.06		
20	QPSK	1	49	23.01	23.15	22.83	24	0
20	QPSK	1	99	23.02	23.07	22.81		
20	QPSK	50	0	22.12	22.13	22.12		
20	QPSK	50	24	21.99	22.04	22.10	23	1
20	QPSK	50	50	22.08	22.00	22.06		
20	QPSK	100	0	22.10	22.15	22.01		
20	16QAM	1	0	21.88	22.14	22.10		
20	16QAM	1	49	21.73	21.91	21.93	23	1
20	16QAM	1	99	21.76	21.95	21.76		
20	16QAM	50	0	20.99	21.09	21.09		
20	16QAM	50	24	21.02	20.91	21.00	22	2
20	16QAM	50	50	20.90	21.06	20.97		
20	16QAM	100	0	20.84	21.17	20.95		
20	64QAM	1	0	21.03	21.09	21.01		
20	64QAM	1	49	20.63	20.90	20.89	22	2
20	64QAM	1	99	20.83	20.96	20.75		
20	64QAM	50	0	20.01	20.08	20.03		
20	64QAM	50	24	19.92	19.87	19.97	21	3
20	64QAM	50	50	19.84	19.99	19.90		
20	64QAM	100	0	19.80	20.01	19.80		
20	256QAM	1	0	17.92	18.29	17.97		
20	256QAM	1	49	17.84	17.85	17.85	19	5
20	256QAM	1	99	17.93	17.99	17.88		
20	256QAM	50	0	17.98	18.26	17.90		
20	256QAM	50	24	18.01	18.11	17.78	19	5
20	256QAM	50	50	17.95	18.05	17.92		
20	256QAM	100	0	17.82	18.17	17.90		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.02	23.09	23.06		
15	QPSK	1	37	23.00	23.13	22.82	24	0
15	QPSK	1	74	23.02	23.06	22.68		
15	QPSK	36	0	22.02	22.13	21.99		
15	QPSK	36	20	21.78	21.90	21.89	23	1
15	QPSK	36	39	22.09	21.96	21.99		
15	QPSK	75	0	22.06	22.08	21.90		
15	16QAM	1	0	21.79	21.96	21.88		
15	16QAM	1	37	21.55	21.86	21.81	23	1
15	16QAM	1	74	21.74	21.96	21.77		
15	16QAM	36	0	20.93	21.01	21.09		
15	16QAM	36	20	20.83	20.90	20.93	22	2
15	16QAM	36	39	20.89	20.89	20.91		
15	16QAM	75	0	20.72	21.06	20.81		
15	64QAM	1	0	20.83	20.96	20.82		
15	64QAM	1	37	20.46	20.81	20.89	22	2
15	64QAM	1	74	20.70	20.79	20.69		
15	64QAM	36	0	19.88	19.93	20.04		
15	64QAM	36	20	19.73	19.88	19.97	21	3
15	64QAM	36	39	19.63	19.91	19.91		
15	64QAM	75	0	19.64	20.00	19.71		
15	256QAM	1	0	18.19	18.25	17.96		
15	256QAM	1	37	18.22	18.30	18.19	19	5
15	256QAM	1	74	18.22	18.08	18.13		
15	256QAM	36	0	17.92	18.15	17.79		
15	256QAM	36	20	18.02	18.02	17.80	19	5
15	256QAM	36	39	17.81	17.89	17.93		
15	256QAM	75	0	17.63	18.10	17.82		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.87	23.00	23.06		
10	QPSK	1	25	22.84	23.16	22.67	24	0
10	QPSK	1	49	22.86	22.95	22.80		
10	QPSK	25	0	22.13	21.97	22.02		
10	QPSK	25	12	21.89	22.02	21.96	23	1
10	QPSK	25	25	21.93	21.93	22.07		
10	QPSK	50	0	22.00	22.03	21.86		
10	16QAM	1	0	21.74	22.14	22.09		
10	16QAM	1	25	21.68	21.70	21.82	23	1
10	16QAM	1	49	21.77	21.86	21.71		
10	16QAM	25	0	20.91	20.98	21.01		
10	16QAM	25	12	20.97	20.84	20.87	22	2
10	16QAM	25	25	20.71	20.85	20.77		
10	16QAM	50	0	20.81	21.13	20.85		
10	64QAM	1	0	20.92	20.92	20.98		
10	64QAM	1	25	20.54	20.71	20.70	22	2
10	64QAM	1	49	20.75	20.94	20.70		
10	64QAM	25	0	19.83	20.09	19.91		
10	64QAM	25	12	19.86	19.70	19.82	21	3
10	64QAM	25	25	19.66	19.90	19.79		
10	64QAM	50	0	19.81	19.97	19.59		
10	256QAM	1	0	17.90	18.13	17.96		
10	256QAM	1	25	17.70	17.81	17.71	19	5
10	256QAM	1	49	17.73	17.88	17.72		
10	256QAM	25	0	17.95	18.17	17.92		
10	256QAM	25	12	17.80	18.00	18.03	19	5
10	256QAM	25	25	17.91	18.03	18.01		
10	256QAM	50	0	17.72	17.98	17.71		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.97	23.06	22.88		
5	QPSK	1	12	22.89	23.12	22.62	24	0
5	QPSK	1	24	22.91	22.87	22.72		
5	QPSK	12	0	22.13	21.93	22.12		
5	QPSK	12	7	21.90	22.03	22.09	23	1
5	QPSK	12	13	21.94	21.79	21.85		
5	QPSK	25	0	22.09	22.20	21.94		
5	16QAM	1	0	21.69	21.96	21.99		
5	16QAM	1	12	21.56	21.82	21.72	23	1
5	16QAM	1	24	21.72	21.75	21.77		
5	16QAM	12	0	20.88	21.07	21.06		
5	16QAM	12	7	20.92	20.79	20.97	22	2
5	16QAM	12	13	20.87	20.99	20.81		
5	16QAM	25	0	20.77	21.04	20.74		
5	64QAM	1	0	20.84	20.98	20.97		
5	64QAM	1	12	20.61	20.79	20.90	22	2
5	64QAM	1	24	20.81	20.95	20.94		
5	64QAM	12	0	19.99	19.96	19.84		
5	64QAM	12	7	19.71	19.78	19.81	21	3
5	64QAM	12	13	19.85	19.98	19.77		
5	64QAM	25	0	19.62	20.01	19.68		
5	256QAM	1	0	17.89	18.12	17.92		
5	256QAM	1	12	17.85	17.71	17.68	19	5
5	256QAM	1	24	17.82	17.83	17.85		
5	256QAM	12	0	17.94	18.13	17.80		
5	256QAM	12	7	18.01	18.08	17.79	19	5
5	256QAM	12	13	17.86	17.85	17.79		
5	256QAM	25	0	18.02	18.14	17.90		

Band 12 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.12	23.16	23.07		
10	QPSK	1	25	23.05	23.11	22.89	24	0
10	QPSK	1	49	22.95	23.00	22.98		
10	QPSK	25	0	22.10	22.13	22.02		
10	QPSK	25	12	21.89	22.01	21.80	23	1
10	QPSK	25	25	22.10	21.97	21.98		
10	QPSK	50	0	22.04	22.08	21.97		
10	16QAM	1	0	22.07	22.00	21.90		
10	16QAM	1	25	22.03	22.12	21.99	23	1
10	16QAM	1	49	21.95	22.05	21.95		
10	16QAM	25	0	21.25	21.05	21.20		
10	16QAM	25	12	21.05	21.14	21.06	22	2
10	16QAM	25	25	21.24	21.05	21.10		
10	16QAM	50	0	21.07	21.15	21.06		
10	64QAM	1	0	21.11	21.24	21.24		
10	64QAM	1	25	21.11	21.08	21.13	22	2
10	64QAM	1	49	21.20	21.15	21.21		
10	64QAM	25	0	20.11	20.05	20.11		
10	64QAM	25	12	19.95	20.08	19.97	21	3
10	64QAM	25	25	19.91	19.97	19.92		
10	64QAM	50	0	20.00	20.09	19.95		
10	256QAM	1	0	18.07	18.08	18.04		
10	256QAM	1	25	18.05	18.16	18.16	19	5
10	256QAM	1	49	18.20	18.03	18.02		
10	256QAM	25	0	18.12	18.12	18.06		
10	256QAM	25	12	18.19	18.23	18.11	19	5
10	256QAM	25	25	18.15	18.02	18.09		
10	256QAM	50	0	18.15	18.08	18.13		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.06	22.96	22.93		
5	QPSK	1	12	22.84	23.04	22.85	24	0
5	QPSK	1	24	22.79	22.79	22.94		
5	QPSK	12	0	21.89	22.00	21.82		
5	QPSK	12	7	21.79	21.84	21.75	23	1
5	QPSK	12	13	22.05	21.82	21.91		
5	QPSK	25	0	21.95	21.90	21.88		
5	16QAM	1	0	21.98	21.93	21.82		
5	16QAM	1	12	21.96	21.96	21.92	23	1
5	16QAM	1	24	21.82	21.84	21.74		
5	16QAM	12	0	21.18	20.97	21.11		
5	16QAM	12	7	20.94	21.05	20.96	22	2
5	16QAM	12	13	21.03	20.99	21.01		
5	16QAM	25	0	20.91	21.02	20.88		
5	64QAM	1	0	20.95	21.19	21.07		
5	64QAM	1	12	21.00	20.95	20.98	22	2
5	64QAM	1	24	21.10	21.08	20.99		
5	64QAM	12	0	19.93	20.01	20.03		
5	64QAM	12	7	19.84	19.93	19.83	21	3
5	64QAM	12	13	19.70	19.80	19.71		
5	64QAM	25	0	19.95	20.04	19.79		
5	256QAM	1	0	18.01	17.87	17.87		
5	256QAM	1	12	17.93	17.99	18.11	19	5
5	256QAM	1	24	18.05	17.96	17.85		
5	256QAM	12	0	17.97	18.05	17.84		
5	256QAM	12	7	18.07	18.16	17.97	19	5
5	256QAM	12	13	17.99	17.88	17.89		
5	256QAM	25	0	18.00	17.88	18.03		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.98	23.06	22.87		
3	QPSK	1	8	22.86	22.94	22.75	24	0
3	QPSK	1	14	22.73	22.93	22.86		
3	QPSK	8	0	21.98	21.98	21.90		
3	QPSK	8	4	21.73	21.79	21.75	23	1
3	QPSK	8	7	22.00	21.85	21.78		
3	QPSK	15	0	21.92	21.93	21.89		
3	16QAM	1	0	21.94	21.88	21.73		
3	16QAM	1	8	21.86	22.01	21.82	23	1
3	16QAM	1	14	21.81	21.96	21.75		
3	16QAM	8	0	21.12	20.87	21.01		
3	16QAM	8	4	21.00	21.03	20.95	22	2
3	16QAM	8	7	21.08	20.98	20.99		
3	16QAM	15	0	20.95	21.09	20.90		
3	64QAM	1	0	20.97	21.18	21.13		
3	64QAM	1	8	20.91	21.00	20.91	22	2
3	64QAM	1	14	21.03	21.08	21.00		
3	64QAM	8	0	20.00	19.83	19.92		
3	64QAM	8	4	19.81	20.01	19.85	21	3
3	64QAM	8	7	19.73	19.80	19.77		
3	64QAM	15	0	19.93	20.01	19.83		
3	256QAM	1	0	17.92	17.90	17.93		
3	256QAM	1	8	17.89	17.96	18.02	19	5
3	256QAM	1	14	18.10	17.87	17.93		
3	256QAM	8	0	18.00	18.03	17.86		
3	256QAM	8	4	18.14	18.13	18.04	19	5
3	256QAM	8	7	18.06	17.91	18.01		
3	256QAM	15	0	18.11	17.89	18.01		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.97	23.01	22.99		
1.4	QPSK	1	3	22.86	23.01	22.82	24	0
1.4	QPSK	1	5	22.88	22.95	22.89		
1.4	QPSK	3	0	23.04	23.01	23.02		
1.4	QPSK	3	1	22.90	22.96	22.84		
1.4	QPSK	3	3	22.87	22.94	22.81		
1.4	QPSK	6	0	21.88	21.91	21.89	23	1
1.4	16QAM	1	0	21.86	21.90	21.73		
1.4	16QAM	1	3	21.96	22.01	21.87		
1.4	16QAM	1	5	21.86	21.97	21.85	23	1
1.4	16QAM	3	0	21.96	22.04	21.89		
1.4	16QAM	3	1	21.79	21.87	21.65		
1.4	16QAM	3	3	21.88	21.77	21.87		
1.4	16QAM	6	0	20.98	21.01	20.94	22	2
1.4	64QAM	1	0	20.99	21.04	21.08		
1.4	64QAM	1	3	20.94	20.95	21.03		
1.4	64QAM	1	5	21.11	20.95	21.04	22	2
1.4	64QAM	3	0	20.92	20.92	20.91		
1.4	64QAM	3	1	21.07	20.96	20.88		
1.4	64QAM	3	3	21.00	21.05	20.85		
1.4	64QAM	6	0	19.88	20.04	19.90	21	3
1.4	256QAM	1	0	17.89	17.88	17.99		
1.4	256QAM	1	3	17.93	18.01	18.07		
1.4	256QAM	1	5	18.13	17.82	17.96	19	5
1.4	256QAM	3	0	18.05	17.94	17.86		
1.4	256QAM	3	1	18.00	18.12	17.91		
1.4	256QAM	3	3	17.98	17.86	17.91		
1.4	256QAM	6	0	18.09	17.99	17.95	19	5

Band 13 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.44			
10	QPSK	1	25		23.35		24	0
10	QPSK	1	49		23.30			
10	QPSK	25	0		22.48			
10	QPSK	25	12		22.37		23	1
10	QPSK	25	25		22.44			
10	QPSK	50	0		22.41			
10	16QAM	1	0		22.39			
10	16QAM	1	25		22.49		23	1
10	16QAM	1	49		22.32			
10	16QAM	25	0		21.54			
10	16QAM	25	12		21.55		22	2
10	16QAM	25	25		21.42			
10	16QAM	50	0		21.47			
10	64QAM	1	0		21.43			
10	64QAM	1	25		21.48		22	2
10	64QAM	1	49		21.55			
10	64QAM	25	0		20.46			
10	64QAM	25	12		20.36		21	3
10	64QAM	25	25		20.44			
10	64QAM	50	0		20.40			
10	256QAM	1	0		18.57			
10	256QAM	1	25		18.37		19	5
10	256QAM	1	49		18.42			
10	256QAM	25	0		18.51			
10	256QAM	25	12		18.48		19	5
10	256QAM	25	25		18.37			
10	256QAM	50	0		18.42			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.33	23.35	23.26		
5	QPSK	1	12	23.21	23.20	23.18	24	0
5	QPSK	1	24	23.22	23.17	23.20		
5	QPSK	12	0	22.43	22.35	22.41		
5	QPSK	12	7	22.23	22.18	22.22	23	1
5	QPSK	12	13	22.32	22.30	22.29		
5	QPSK	25	0	22.36	22.25	22.37		
5	16QAM	1	0	22.18	22.24	22.32		
5	16QAM	1	12	22.30	22.30	22.38	23	1
5	16QAM	1	24	22.15	22.14	22.14		
5	16QAM	12	0	21.43	21.48	21.48		
5	16QAM	12	7	21.43	21.43	21.49	22	2
5	16QAM	12	13	21.36	21.26	21.37		
5	16QAM	25	0	21.30	21.35	21.43		
5	64QAM	1	0	21.30	21.33	21.23		
5	64QAM	1	12	21.31	21.29	21.31	22	2
5	64QAM	1	24	21.42	21.39	21.35		
5	64QAM	12	0	20.26	20.39	20.41		
5	64QAM	12	7	20.25	20.16	20.15	21	3
5	64QAM	12	13	20.36	20.23	20.27		
5	64QAM	25	0	20.24	20.19	20.35		
5	256QAM	1	0	18.36	18.41	18.49		
5	256QAM	1	12	18.15	18.15	18.16	19	5
5	256QAM	1	24	18.37	18.24	18.26		
5	256QAM	12	0	18.47	18.41	18.40		
5	256QAM	12	7	18.41	18.28	18.32	19	5
5	256QAM	12	13	18.23	18.32	18.17		
5	256QAM	25	0	18.35	18.33	18.31		

Band 17 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.04	23.13	23.00	24	0
10	QPSK	1	25	22.86	23.01	22.81		
10	QPSK	1	49	22.86	23.06	23.02		
10	QPSK	25	0	22.01	22.06	21.98	23	1
10	QPSK	25	12	21.92	21.87	21.83		
10	QPSK	25	25	21.84	21.96	21.84		
10	QPSK	50	0	21.96	22.05	21.92		
10	16QAM	1	0	21.80	22.06	21.85	23	1
10	16QAM	1	25	21.92	22.06	21.91		
10	16QAM	1	49	21.93	22.04	21.89		
10	16QAM	25	0	21.05	20.96	21.13	22	2
10	16QAM	25	12	21.09	21.04	21.07		
10	16QAM	25	25	20.92	21.01	21.12		
10	16QAM	50	0	21.12	21.12	21.10		
10	64QAM	1	0	20.92	21.08	20.90	22	2
10	64QAM	1	25	20.91	21.09	21.10		
10	64QAM	1	49	20.90	21.03	21.03		
10	64QAM	25	0	19.99	20.00	20.01	21	3
10	64QAM	25	12	19.94	19.94	20.07		
10	64QAM	25	25	20.10	19.92	20.00		
10	64QAM	50	0	19.98	19.94	20.06		
10	256QAM	1	0	18.01	18.13	18.07	19	5
10	256QAM	1	25	18.02	18.11	18.12		
10	256QAM	1	49	18.15	18.08	17.97		
10	256QAM	25	0	18.01	17.99	17.94	19	5
10	256QAM	25	12	18.08	18.11	18.05		
10	256QAM	25	25	18.03	17.99	17.95		
10	256QAM	50	0	18.02	18.05	17.95		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.98	23.06	22.80	24	0
5	QPSK	1	12	22.76	22.82	22.73		
5	QPSK	1	24	22.66	22.85	22.80		
5	QPSK	12	0	21.87	21.86	21.83	23	1
5	QPSK	12	7	21.78	21.75	21.73		
5	QPSK	12	13	21.79	21.89	21.78		
5	QPSK	25	0	21.85	21.92	21.83		
5	16QAM	1	0	21.59	21.89	21.72	23	1
5	16QAM	1	12	21.72	21.99	21.71		
5	16QAM	1	24	21.76	21.86	21.85		
5	16QAM	12	0	20.89	20.86	21.05	22	2
5	16QAM	12	7	20.88	20.94	20.94		
5	16QAM	12	13	20.78	20.94	20.95		
5	16QAM	25	0	20.93	20.93	20.98		
5	64QAM	1	0	20.76	20.97	20.80	22	2
5	64QAM	1	12	20.84	20.93	21.05		
5	64QAM	1	24	20.70	20.83	20.98		
5	64QAM	12	0	19.79	19.79	19.85	21	3
5	64QAM	12	7	19.86	19.88	19.86		
5	64QAM	12	13	19.95	19.77	19.82		
5	64QAM	25	0	19.85	19.84	19.89		
5	256QAM	1	0	17.82	17.92	18.00	19	5
5	256QAM	1	12	17.94	17.98	18.06		
5	256QAM	1	24	18.02	17.91	17.91		
5	256QAM	12	0	17.81	17.93	17.72	19	5
5	256QAM	12	7	18.01	18.03	17.84		
5	256QAM	12	13	17.97	17.85	17.82		
5	256QAM	25	0	17.89	17.89	17.80		

Band 26 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.98	23.05	23.03	24	0
15	QPSK	1	37	22.96	23.04	23.01		
15	QPSK	1	74	22.96	22.94	22.97		
15	QPSK	36	0	22.01	22.09	21.96	23	1
15	QPSK	36	20	21.92	22.01	21.86		
15	QPSK	36	39	22.00	21.99	21.94		
15	QPSK	75	0	21.97	22.04	21.94		
15	16QAM	1	0	21.89	21.89	21.87	23	1
15	16QAM	1	37	21.86	21.93	21.86		
15	16QAM	1	74	21.79	22.10	21.92		
15	16QAM	36	0	21.06	20.96	20.97	22	2
15	16QAM	36	20	21.09	21.12	20.92		
15	16QAM	36	39	21.11	20.92	21.10		
15	16QAM	75	0	21.07	20.97	21.07		
15	64QAM	1	0	21.10	20.96	20.99	22	2
15	64QAM	1	37	21.08	20.96	20.99		
15	64QAM	1	74	20.98	21.08	20.91		
15	64QAM	36	0	20.03	20.00	20.09	21	3
15	64QAM	36	20	19.96	19.93	19.93		
15	64QAM	36	39	20.00	19.91	20.10		
15	64QAM	75	0	19.98	19.96	20.02		
15	256QAM	1	0	18.08	18.19	18.14	19	5
15	256QAM	1	37	18.24	18.22	18.06		
15	256QAM	1	74	18.12	18.14	18.16		
15	256QAM	36	0	18.20	18.23	18.17	19	5
15	256QAM	36	20	18.23	18.05	18.11		
15	256QAM	36	39	18.12	18.16	18.25		
15	256QAM	75	0	18.19	18.18	18.16		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.86	22.86	22.92	24	0
10	QPSK	1	25	22.81	22.84	22.88		
10	QPSK	1	49	22.75	22.64	22.91		
10	QPSK	25	0	21.84	21.88	21.89	23	1
10	QPSK	25	12	21.81	21.80	21.67		
10	QPSK	25	25	21.78	21.85	21.85		
10	QPSK	50	0	21.76	21.90	21.84		
10	16QAM	1	0	21.81	21.80	21.75	23	1
10	16QAM	1	25	21.79	21.84	21.74		
10	16QAM	1	49	21.64	21.93	21.86		
10	16QAM	25	0	21.00	20.80	20.88	22	2
10	16QAM	25	12	21.04	20.96	20.86		
10	16QAM	25	25	20.91	20.72	20.98		
10	16QAM	50	0	21.04	20.85	20.99		
10	64QAM	1	0	20.89	20.84	20.79	22	2
10	64QAM	1	25	20.91	20.89	20.92		
10	64QAM	1	49	20.92	21.02	20.87		
10	64QAM	25	0	19.81	19.81	19.93	21	3
10	64QAM	25	12	19.76	19.75	19.76		
10	64QAM	25	25	19.89	19.79	19.90		
10	64QAM	50	0	19.92	19.83	19.98		
10	256QAM	1	0	17.89	18.12	17.98	19	5
10	256QAM	1	25	18.15	18.04	17.87		
10	256QAM	1	49	18.06	18.06	18.02		
10	256QAM	25	0	18.04	18.08	18.13	19	5
10	256QAM	25	12	18.13	17.95	17.89		
10	256QAM	25	25	18.02	17.98	18.06		
10	256QAM	50	0	18.11	17.97	17.98		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.86	22.89	22.83	24	0
5	QPSK	1	12	22.84	22.89	22.89		
5	QPSK	1	24	22.85	22.62	22.80		
5	QPSK	12	0	21.81	21.99	21.90	23	1
5	QPSK	12	7	21.83	21.94	21.74		
5	QPSK	12	13	21.90	21.91	21.88		
5	QPSK	25	0	21.76	21.94	21.88		
5	16QAM	1	0	21.68	21.76	21.78	23	1
5	16QAM	1	12	21.67	21.79	21.68		
5	16QAM	1	24	21.58	21.98	21.82		
5	16QAM	12	0	21.01	20.82	20.81	22	2
5	16QAM	12	7	20.87	20.95	20.85		
5	16QAM	12	13	20.92	20.86	20.90		
5	16QAM	25	0	20.88	20.84	20.96		
5	64QAM	1	0	21.03	20.90	20.87	22	2
5	64QAM	1	12	20.86	20.81	20.93		
5	64QAM	1	24	20.89	21.01	20.81		
5	64QAM	12	0	19.97	19.87	19.94	21	3
5	64QAM	12	7	19.91	19.86	19.71		
5	64QAM	12	13	19.93	19.83	19.94		
5	64QAM	25	0	19.92	19.82	19.90		
5	256QAM	1	0	17.91	18.08	18.06	19	5
5	256QAM	1	12	18.02	18.02	17.94		
5	256QAM	1	24	18.02	18.00	18.05		
5	256QAM	12	0	18.00	18.17	18.08	19	5
5	256QAM	12	7	18.03	17.86	18.07		
5	256QAM	12	13	17.93	17.98	18.17		
5	256QAM	25	0	18.08	18.14	18.08		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.87	22.94	22.85	24	0
3	QPSK	1	8	22.84	22.95	22.84		
3	QPSK	1	14	22.69	22.70	22.76		
3	QPSK	8	0	21.93	21.93	21.79	23	1
3	QPSK	8	4	21.80	21.91	21.71		
3	QPSK	8	7	21.85	21.89	21.79		
3	QPSK	15	0	21.83	21.86	21.83		
3	16QAM	1	0	21.69	21.79	21.67	23	1
3	16QAM	1	8	21.81	21.72	21.72		
3	16QAM	1	14	21.73	21.90	21.87		
3	16QAM	8	0	20.99	20.90	20.78	22	2
3	16QAM	8	4	20.98	20.94	20.80		
3	16QAM	8	7	20.96	20.71	21.03		
3	16QAM	15	0	20.97	20.89	20.88		
3	64QAM	1	0	21.02	20.74	20.92	22	2
3	64QAM	1	8	20.88	20.78	20.94		
3	64QAM	1	14	20.84	20.95	20.72		
3	64QAM	8	0	19.82	19.87	19.99	21	3
3	64QAM	8	4	19.76	19.80	19.81		
3	64QAM	8	7	19.88	19.70	19.92		
3	64QAM	15	0	19.84	19.84	19.93		
3	256QAM	1	0	17.96	18.07	18.09	19	5
3	256QAM	1	8	18.18	18.07	18.01		
3	256QAM	1	14	17.91	18.05	17.96		
3	256QAM	8	0	17.99	18.03	18.06	19	5
3	256QAM	8	4	18.08	17.97	18.01		
3	256QAM	8	7	17.99	18.07	18.06		
3	256QAM	15	0	18.08	18.11	17.94		
Channel				26667	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.91	22.90	22.85	24	0
1.4	QPSK	1	3	22.83	22.84	22.91		
1.4	QPSK	1	5	22.83	22.67	22.90		
1.4	QPSK	3	0	22.93	22.93	22.86		
1.4	QPSK	3	1	22.85	22.99	22.82		
1.4	QPSK	3	3	22.82	22.69	22.91		
1.4	QPSK	6	0	21.87	21.98	21.77	23	1
1.4	16QAM	1	0	21.79	21.81	21.80	23	1
1.4	16QAM	1	3	21.67	21.86	21.73		
1.4	16QAM	1	5	21.64	21.95	21.85		
1.4	16QAM	3	0	21.83	21.97	21.80		
1.4	16QAM	3	1	21.72	21.87	21.73		
1.4	16QAM	3	3	21.91	21.81	21.86		
1.4	16QAM	6	0	20.87	20.84	21.02	22	2
1.4	64QAM	1	0	20.97	20.86	20.80	22	2
1.4	64QAM	1	3	20.91	20.81	20.92		
1.4	64QAM	1	5	20.94	20.98	20.72		
1.4	64QAM	3	0	20.87	20.76	20.82		
1.4	64QAM	3	1	20.90	20.99	20.75		
1.4	64QAM	3	3	20.93	20.80	20.95		
1.4	64QAM	6	0	19.84	19.76	19.95	21	3
1.4	256QAM	1	0	18.01	18.04	18.03	19	5
1.4	256QAM	1	3	18.17	18.03	17.94		
1.4	256QAM	1	5	18.04	18.08	18.06		
1.4	256QAM	3	0	18.01	18.11	18.05		
1.4	256QAM	3	1	18.19	17.97	18.03		
1.4	256QAM	3	3	18.03	17.96	18.18		
1.4	256QAM	6	0	18.05	18.13	18.04	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	22.93	23.01	22.84	24	0
20	QPSK	1	49	22.79	22.85	22.64		
20	QPSK	1	99	22.72	22.77	22.72		
20	QPSK	50	0	21.84	21.90	21.82	23	1
20	QPSK	50	24	21.62	21.78	21.64		
20	QPSK	50	50	21.85	21.74	21.77		
20	QPSK	100	0	21.77	21.83	21.71		
20	16QAM	1	0	21.71	21.80	21.71	23	1
20	16QAM	1	49	21.74	21.79	21.65		
20	16QAM	1	99	21.56	21.74	21.72		
20	16QAM	50	0	20.88	20.90	20.83	22	2
20	16QAM	50	24	20.78	20.90	20.85		
20	16QAM	50	50	20.74	20.88	20.81		
20	16QAM	100	0	20.85	20.84	20.71		
20	64QAM	1	0	20.74	20.90	20.76	22	2
20	64QAM	1	49	20.86	20.86	20.89		
20	64QAM	1	99	20.78	20.77	20.71		
20	64QAM	50	0	19.72	19.78	19.58	21	3
20	64QAM	50	24	19.83	19.65	19.69		
20	64QAM	50	50	19.77	19.66	19.62		
20	64QAM	100	0	19.65	19.71	19.77		
20	256QAM	1	0	17.71	17.83	17.84	19	5
20	256QAM	1	49	17.82	17.80	17.71		
20	256QAM	1	99	17.66	17.68	17.81		
20	256QAM	50	0	17.74	17.65	17.77	19	5
20	256QAM	50	24	17.69	17.74	17.75		
20	256QAM	50	50	17.85	17.76	17.65		
20	256QAM	100	0	17.68	17.74	17.79		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.78	22.82	22.69	24	0
15	QPSK	1	37	22.62	22.78	22.90		
15	QPSK	1	74	22.67	22.64	22.50		
15	QPSK	36	0	21.63	21.77	21.77	23	1
15	QPSK	36	20	21.52	21.61	21.46		
15	QPSK	36	39	21.78	21.54	21.63		
15	QPSK	75	0	21.71	21.69	21.49		
15	16QAM	1	0	21.60	21.59	21.63	23	1
15	16QAM	1	37	21.56	21.62	21.56		
15	16QAM	1	74	21.43	21.65	21.53		
15	16QAM	36	0	20.78	20.83	20.70	22	2
15	16QAM	36	20	20.61	20.77	20.73		
15	16QAM	36	39	20.56	20.84	20.59		
15	16QAM	75	0	20.69	20.79	20.60		
15	64QAM	1	0	20.60	20.77	20.57	22	2
15	64QAM	1	37	20.77	20.79	20.83		
15	64QAM	1	74	20.57	20.64	20.54		
15	64QAM	36	0	19.55	19.58	19.43	21	3
15	64QAM	36	20	19.46	19.54	19.56		
15	64QAM	36	39	19.70	19.59	19.53		
15	64QAM	75	0	19.53	19.64	19.67		
15	256QAM	1	0	17.65	17.73	17.76	19	5
15	256QAM	1	37	17.62	17.72	17.51		
15	256QAM	1	74	17.52	17.63	17.69		
15	256QAM	36	0	17.56	17.49	17.59	19	5
15	256QAM	36	20	17.50	17.66	17.70		
15	256QAM	36	39	17.77	17.60	17.46		
15	256QAM	75	0	17.63	17.59	17.69		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.77	22.92	22.65	24	0
10	QPSK	1	25	22.67	22.64	22.57		
10	QPSK	1	49	22.66	22.68	22.65		
10	QPSK	25	0	21.79	21.77	21.76	23	1
10	QPSK	25	12	21.43	21.58	21.49		
10	QPSK	25	25	21.80	21.67	21.70		
10	QPSK	50	0	21.68	21.66	21.63		
10	16QAM	1	0	21.52	21.72	21.67	23	1
10	16QAM	1	25	21.57	21.69	21.45		
10	16QAM	1	49	21.41	21.60	21.64		
10	16QAM	25	0	20.81	20.82	20.72	22	2
10	16QAM	25	12	20.64	20.85	20.66		
10	16QAM	25	25	20.60	20.71	20.59		
10	16QAM	50	0	20.74	20.77	20.50		
10	64QAM	1	0	20.53	20.79	20.59	22	2
10	64QAM	1	25	20.72	20.75	20.78		
10	64QAM	1	49	20.68	20.60	20.63		
10	64QAM	25	0	19.50	19.68	19.42	21	3
10	64QAM	25	12	19.51	19.54	19.47		
10	64QAM	25	25	19.61	19.49	19.49		
10	64QAM	50	0	19.57	19.66	19.69		
10	256QAM	1	0	17.50	17.73	17.67	19	5
10	256QAM	1	25	17.69	17.70	17.61		
10	256QAM	1	49	17.58	17.51	17.64		
10	256QAM	25	0	17.53	17.55	17.59	19	5
10	256QAM	25	12	17.61	17.61	17.70		
10	256QAM	25	25	17.72	17.73	17.45		
10	256QAM	50	0	17.47	17.64	17.73		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.77	22.82	22.78	24	0
5	QPSK	1	12	22.73	22.79	22.57		
5	QPSK	1	24	22.59	22.67	22.66		
5	QPSK	12	0	21.83	21.85	21.71	23	1
5	QPSK	12	7	21.47	21.69	21.44		
5	QPSK	12	13	21.70	21.63	21.70		
5	QPSK	25	0	21.70	21.68	21.54		
5	16QAM	1	0	21.53	21.71	21.51	23	1
5	16QAM	1	12	21.65	21.65	21.45		
5	16QAM	1	24	21.46	21.66	21.58		
5	16QAM	12	0	20.67	20.79	20.63	22	2
5	16QAM	12	7	20.70	20.81	20.65		
5	16QAM	12	13	20.63	20.72	20.74		
5	16QAM	25	0	20.71	20.62	20.63		
5	64QAM	1	0	20.60	20.68	20.59	22	2
5	64QAM	1	12	20.66	20.76	20.81		
5	64QAM	1	24	20.68	20.59	20.58		
5	64QAM	12	0	19.58	19.65	19.46	21	3
5	64QAM	12	7	19.57	19.45	19.55		
5	64QAM	12	13	19.69	19.58	19.53		
5	64QAM	25	0	19.56	19.49	19.64		
5	256QAM	1	0	17.56	17.63	17.77	19	5
5	256QAM	1	12	17.68	17.75	17.56		
5	256QAM	1	24	17.54	17.50	17.77		
5	256QAM	12	0	17.64	17.61	17.58	19	5
5	256QAM	12	7	17.54	17.54	17.66		
5	256QAM	12	13	17.76	17.67	17.43		
5	256QAM	25	0	17.51	17.56	17.74		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.73	22.88	22.68	24	0
3	QPSK	1	8	22.61	22.68	22.48		
3	QPSK	1	14	22.55	22.58	22.63		
3	QPSK	8	0	21.63	21.77	21.66	23	1
3	QPSK	8	4	21.44	21.63	21.42		
3	QPSK	8	7	21.67	21.66	21.57		
3	QPSK	15	0	21.57	21.61	21.50		
3	16QAM	1	0	21.59	21.74	21.63	23	1
3	16QAM	1	8	21.53	21.59	21.43		
3	16QAM	1	14	21.34	21.65	21.67		
3	16QAM	8	0	20.80	20.76	20.75	22	2
3	16QAM	8	4	20.71	20.72	20.73		
3	16QAM	8	7	20.68	20.76	20.71		
3	16QAM	15	0	20.67	20.66	20.60		
3	64QAM	1	0	20.56	20.75	20.72	22	2
3	64QAM	1	8	20.65	20.79	20.94		
3	64QAM	1	14	20.59	20.64	20.58		
3	64QAM	8	0	19.55	19.63	19.38	21	3
3	64QAM	8	4	19.49	19.47	19.49		
3	64QAM	8	7	19.70	19.58	19.55		
3	64QAM	15	0	19.49	19.65	19.60		
3	256QAM	1	0	17.57	17.71	17.72	19	5
3	256QAM	1	8	17.68	17.66	17.59		
3	256QAM	1	14	17.58	17.56	17.75		
3	256QAM	8	0	17.68	17.48	17.70	19	5
3	256QAM	8	4	17.50	17.58	17.53		
3	256QAM	8	7	17.79	17.70	17.56		
3	256QAM	15	0	17.48	17.65	17.57		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.77	22.83	22.75	24	0
1.4	QPSK	1	3	22.69	22.80	22.52		
1.4	QPSK	1	5	22.62	22.71	22.53		
1.4	QPSK	3	0	22.84	22.91	22.66		
1.4	QPSK	3	1	22.68	22.75	22.44		
1.4	QPSK	3	3	22.66	22.73	22.54		
1.4	QPSK	6	0	21.68	21.74	21.55	23	1
1.4	16QAM	1	0	21.64	21.67	21.53	23	1
1.4	16QAM	1	3	21.61	21.73	21.59		
1.4	16QAM	1	5	21.39	21.57	21.61		
1.4	16QAM	3	0	21.73	21.74	21.61		
1.4	16QAM	3	1	21.44	21.66	21.47		
1.4	16QAM	3	3	21.74	21.59	21.56		
1.4	16QAM	6	0	20.67	20.75	20.61	22	2
1.4	64QAM	1	0	20.54	20.74	20.64	22	2
1.4	64QAM	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.09	23.18	23.02	24	0
20	QPSK	1	49	23.05	22.97	22.75		
20	QPSK	1	99	22.93	23.01	22.69		
20	QPSK	50	0	22.06	22.10	22.05	23	1
20	QPSK	50	24	21.81	22.04	22.01		
20	QPSK	50	50	21.72	22.02	21.94		
20	QPSK	100	0	21.97	22.10	21.88		
20	16QAM	1	0	21.83	21.85	21.84	23	1
20	16QAM	1	49	21.61	21.65	21.67		
20	16QAM	1	99	21.65	21.68	21.59		
20	16QAM	50	0	20.82	20.89	20.86	22	2
20	16QAM	50	24	20.54	20.91	20.65		
20	16QAM	50	50	20.66	20.90	20.75		
20	16QAM	100	0	20.85	21.04	20.68		
20	64QAM	1	0	20.66	20.86	20.84	22	2
20	64QAM	1	49	20.61	20.72	20.44		
20	64QAM	1	99	20.50	20.83	20.56		
20	64QAM	50	0	19.85	19.84	19.72	21	3
20	64QAM	50	24	19.75	19.79	19.56		
20	64QAM	50	50	19.73	19.94	19.76		
20	64QAM	100	0	19.73	19.95	19.74		
20	256QAM	1	0	18.02	18.09	17.97	19	5
20	256QAM	1	49	17.89	18.04	17.84		
20	256QAM	1	99	17.90	18.15	17.80		
20	256QAM	50	0	18.09	18.13	18.02	19	5
20	256QAM	50	24	17.98	17.74	18.15		
20	256QAM	50	50	17.98	17.81	18.06		
20	256QAM	100	0	18.05	17.96	18.12		
Channel				37825	38000	38173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.94	23.00	22.85	24	0
15	QPSK	1	37	23.03	22.77	22.62		
15	QPSK	1	74	22.79	22.81	22.56		
15	QPSK	36	0	21.88	21.98	21.99	23	1
15	QPSK	36	20	21.71	21.87	21.82		
15	QPSK	36	39	21.63	22.02	21.74		
15	QPSK	75	0	21.89	22.04	21.85		
15	16QAM	1	0	21.78	21.78	21.64	23	1
15	16QAM	1	37	21.54	21.65	21.58		
15	16QAM	1	74	21.58	21.58	21.46		
15	16QAM	36	0	20.62	20.82	20.70	22	2
15	16QAM	36	20	20.78	20.73	20.74		
15	16QAM	36	39	20.90	20.92	20.85		
15	16QAM	75	0	20.75	20.83	20.88		
15	64QAM	1	0	20.53	20.86	20.79	22	2
15	64QAM	1	37	20.48	20.52	20.36		
15	64QAM	1	74	20.51	20.74	20.45		
15	64QAM	36	0	19.79	19.86	19.72	21	3
15	64QAM	36	20	19.59	19.70	19.50		
15	64QAM	36	39	19.66	19.73	19.61		
15	64QAM	75	0	19.69	19.74	19.73		
15	256QAM	1	0	17.97	17.99	17.86	19	5
15	256QAM	1	37	17.77	17.93	17.70		
15	256QAM	1	74	17.91	18.02	17.74		
15	256QAM	36	0	17.89	18.14	17.89	19	5
15	256QAM	36	20	17.98	17.74	18.09		
15	256QAM	36	39	17.76	17.70	18.04		
15	256QAM	75	0	17.86	17.77	18.10		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.99	23.11	22.97	24	0
10	QPSK	1	25	22.87	22.94	22.67		
10	QPSK	1	49	22.72	22.80	22.62		
10	QPSK	25	0	21.87	22.11	21.98	23	1
10	QPSK	25	12	22.04	21.85	21.90		
10	QPSK	25	25	22.06	21.98	21.95		
10	QPSK	50	0	21.79	21.97	21.75		
10	16QAM	1	0	21.82	21.74	21.62	23	1
10	16QAM	1	25	21.62	21.63	21.62		
10	16QAM	1	49	21.53	21.60	21.56		
10	16QAM	25	0	20.60	20.70	20.71	22	2
10	16QAM	25	12	20.45	20.87	20.44		
10	16QAM	25	25	20.59	20.68	20.65		
10	16QAM	50	0	20.66	20.87	20.59		
10	64QAM	1	0	20.52	20.78	20.84	22	2
10	64QAM	1	25	20.50	20.70	20.34		
10	64QAM	1	49	20.41	20.80	20.47		
10	64QAM	25	0	19.65	19.67	19.64	21	3
10	64QAM	25	12	19.63	19.65	19.49		
10	64QAM	25	25	19.57	19.73	19.71		
10	64QAM	50	0	19.68	19.85	19.53		
10	256QAM	1	0	18.01	17.92	17.78	19	5
10	256QAM	1	25	17.83	17.84	17.86		
10	256QAM	1	49	17.89	18.15	17.65		
10	256QAM	25	0	17.98	18.07	17.82	19	5
10	256QAM	25	12	17.95	17.70	18.07		
10	256QAM	25	25	17.77	17.83	17.94		
10	256QAM	50	0	18.01	17.92	18.11		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.94	22.96	22.89	24	0
5	QPSK	1	12	22.84	22.97	22.61		
5	QPSK	1	24	22.91	22.99	22.62		
5	QPSK	12	0	21.98	22.11	21.86	23	1
5	QPSK	12	7	21.78	22.05	22.00		
5	QPSK	12	13	21.71	21.84	21.89		
5	QPSK	25	0	21.96	21.98	21.75		
5	16QAM	1	0	21.76	21.73	21.77	23	1
5	16QAM	1	12	21.40	21.62	21.46		
5	16QAM	1	24	21.51	21.65	21.39		
5	16QAM	12	0	20.71	20.86	20.78	22	2
5	16QAM	12	7	20.51	20.87	20.47		
5	16QAM	12	13	20.62	20.70	20.76		
5	16QAM	25	0	20.82	20.99	20.57		
5	64QAM	1	0	20.49	20.68	20.74	22	2
5	64QAM	1	12	20.47	20.63	20.33		
5	64QAM	1	24	20.51	20.62	20.49		
5	64QAM	12	0	19.74	19.86	19.58	21	3
5	64QAM	12	7	19.63	19.74	19.66		
5	64QAM	12	13	19.62	19.92	19.75		
5	64QAM	25	0	19.63	19.86	19.61		
5	256QAM	1	0	17.85	18.07	17.95	19	5
5	256QAM	1	12	17.90	18.02	17.69		
5	256QAM	1	24	17.71	18.04	17.75		
5	256QAM	12	0	18.00	17.98	18.04	19	5
5	256QAM	12	7	17.89	17.74	18.02		
5	256QAM	12	13	17.97	17.63	17.86		
5	256QAM	25	0	17.87	17.75	18.12		

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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	22.37	22.62	22.34	22.50	24	0
20	QPSK	1	49	22.30	22.54	22.59	22.58	22.61		
20	QPSK	1	99	22.33	22.39	22.60	22.29	22.42		
20	QPSK	50	0	21.31	21.26	21.43	21.23	21.40	23	1
20	QPSK	50	24	21.09	21.08	21.35	21.18	21.33		
20	QPSK	50	50	21.05	21.06	21.34	21.16	21.30		
20	QPSK	100	0	21.10	21.12	21.38	21.13	21.31		
20	16QAM	1	0	21.08	21.07	21.43	21.10	21.34	23	1
20	16QAM	1	49	21.05	21.02	21.33	21.06	21.30		
20	16QAM	1	99	21.03	21.10	21.28	21.02	21.29		
20	16QAM	50	0	20.19	20.07	20.51	20.22	20.47	22	2
20	16QAM	50	24	20.07	20.20	20.54	20.12	20.44		
20	16QAM	50	50	20.10	20.19	20.49	20.20	20.34		
20	16QAM	100	0	20.25	20.15	20.35	20.29	20.32		
20	64QAM	1	0	20.27	20.21	20.52	20.08	20.51	22	2
20	64QAM	1	49	20.12	20.11	20.49	20.06	20.28		
20	64QAM	1	99	20.25	20.28	20.38	20.28	20.32		
20	64QAM	50	0	19.19	19.16	19.32	19.10	19.42	21	3
20	64QAM	50	24	19.20	19.18	19.42	19.19	19.37		
20	64QAM	50	50	19.16	19.27	19.53	19.08	19.29		
20	64QAM	100	0	19.20	19.13	19.48	19.09	19.50		
20	256QAM	1	0	17.25	17.07	17.40	17.25	17.39	19	5
20	256QAM	1	49	17.15	17.27	17.34	17.16	17.52		
20	256QAM	1	99	17.16	17.08	17.34	17.07	17.33		
20	256QAM	50	0	17.06	17.13	17.36	17.21	17.29	19	5
20	256QAM	50	24	17.25	17.07	17.45	17.07	17.47		
20	256QAM	50	50	17.24	17.07	17.34	17.15	17.46		
20	256QAM	100	0	17.22	17.08	17.36	17.10	17.29		
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	22.29	22.30	22.54	22.19	22.37	24.00	0
15	QPSK	1	37	22.20	22.35	22.47	22.53	22.55		
15	QPSK	1	74	22.27	22.19	22.43	22.10	22.33		
15	QPSK	36	0	21.20	21.16	21.41	21.21	21.33	23	1
15	QPSK	36	20	21.01	21.10	21.32	21.13	21.35		
15	QPSK	36	39	21.14	21.06	21.37	21.23	21.30		
15	QPSK	75	0	21.00	21.06	21.47	21.06	21.39		
15	16QAM	1	0	21.17	21.10	21.42	21.02	21.33	23	1
15	16QAM	1	37	21.02	21.05	21.42	21.01	21.34		
15	16QAM	1	74	21.10	21.15	21.27	21.05	21.37		
15	16QAM	36	0	20.15	20.04	20.50	20.21	20.39	22	2
15	16QAM	36	20	20.13	20.11	20.49	20.08	20.41		
15	16QAM	36	39	20.08	20.27	20.44	20.30	20.40		
15	16QAM	75	0	20.29	20.14	20.35	20.39	20.34		
15	64QAM	1	0	20.22	20.23	20.46	20.13	20.45	22	2
15	64QAM	1	37	20.07	20.01	20.43	20.06	20.29		
15	64QAM	1	74	20.19	20.35	20.29	20.20	20.27		
15	64QAM	36	0	19.11	19.18	19.23	19.32	19.34	21	3
15	64QAM	36	20	19.16	19.15	19.50	19.28	19.40		
15	64QAM	36	39	19.14	19.20	19.61	19.50	19.31		
15	64QAM	75	0	19.22	19.34	19.42	19.51	19.59		
15	256QAM	1	0	17.21	17.06	17.46	17.26	17.48	19	5
15	256QAM	1	37	17.19	17.34	17.35	17.25	17.43		
15	256QAM	1	74	17.18	17.15	17.27	17.12	17.35		
15	256QAM	36	0	17.02	17.04	17.30	17.13	17.25	19	5
15	256QAM	36	20	17.27	17.27	17.41	17.14	17.43		
15	256QAM	36	39	17.29	17.02	17.28	17.10	17.46		
15	256QAM	75	0	17.17	17.07	17.42	17.18	17.22		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.28	22.26	22.53	22.23	22.32	24.00	0
10	QPSK	1	25	22.16	22.44	22.35	22.34	22.53		
10	QPSK	1	49	22.09	22.33	22.49	22.05	22.31		
10	QPSK	25	0	21.19	21.11	21.51	21.13	21.41	23	1
10	QPSK	25	12	21.17	21.15	21.43	21.25	21.34		
10	QPSK	25	25	21.01	21.12	21.28	21.16	21.20		
10	QPSK	50	0	21.00	21.10	21.37	21.15	21.28		
10	16QAM	1	0	21.16	21.16	21.46	21.03	21.37	23	1
10	16QAM	1	25	21.02	21.02	21.29	21.01	21.36		
10	16QAM	1	49	21.11	21.02	21.29	21.04	21.20		
10	16QAM	25	0	20.21	20.47	20.58	20.26	20.45	22	2
10	16QAM	25	12	20.52	20.54	20.45	20.54	20.39		
10	16QAM	25	25	20.48	20.61	20.53	20.52	20.38		
10	16QAM	50	0	20.30	20.06	20.45	20.31	20.33		
10	64QAM	1	0	20.36	20.45	20.52	20.15	20.59	22	2
10	64QAM	1	25	20.46	20.49	20.55	20.50	20.26		
10	64QAM	1	49	20.35	20.30	20.32	20.30	20.39		
10	64QAM	25	0	19.16	19.22	19.23	19.13	19.47	21	3
10	64QAM	25	12	19.13	19.14	19.51	19.16	19.31		
10	64QAM	25	25	19.21	19.21	19.61	19.15	19.36		
10	64QAM	50	0	19.14	19.17	19.46	19.21	19.57		
10	256QAM	1	0	17.19	17.16	17.42	17.31	17.39	19	5
10	256QAM	1	25	17.16	17.33	17.33	17.43	17.53		
10	256QAM	1	49	17.28	17.26	17.27	17.41	17.34		
10	256QAM	25	0	17.06	17.21	17.42	17.14	17.20	19	5
10	256QAM	25	12	17.21	17.11	17.40	17.17	17.49		
10	256QAM	25	25	17.16	17.05	17.33	17.11	17.53		
10	256QAM	50	0	17.30	17.12	17.42	17.17	17.29		
Channel				39675	40135	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.30	22.16	22.61	22.24	22.39	24.00	0
5	QPSK	1	12	22.23	22.45	22.34	22.52	22.51		
5	QPSK	1	24	22.22	22.16	22.51	22.19	22.21		
5	QPSK	12	0	21.17	21.11	21.33	21.15	21.47	23	1
5	QPSK	12	7	21.17	21.09	21.36	21.18	21.27		
5	QPSK	12	13	21.09	21.15	21.38	21.22	21.33		
5	QPSK	25	0	21.02	21.14	21.39	21.21	21.22		
5	16QAM	1	0	21.03	21.16	21.40	21.19	21.29	23	1
5	16QAM	1	12	21.09	21.03	21.38	21.05	21.31		
5	16QAM	1	24	21.02	21.01	21.37	21.09	21.25		
5	16QAM	12	0	20.27	20.22	20.41	20.13	20.53	22	2
5	16QAM	12	7	20.20	20.25	20.50	20.27	20.44		
5	16QAM	12	13	20.32	20.15	20.45	20.20	20.25		
5	16QAM	25	0	20.27	20.10	20.34	20.39	20.28		
5	64QAM	1	0	20.32	20.16	20.55	20.12	20.42	22	2
5	64QAM	1	12	20.07	20.15	20.43	20.12	20.31		
5	64QAM	1	24	20.18	20.37	20.35	20.29	20.40		
5	64QAM	12	0	19.16	19.23	19.31	19.08	19.50	21	3
5	64QAM	12	7	19.19	19.28	19.49	19.25	19.41		
5	64QAM	12	13	19.18	19.19	19.55	19.10	19.33		
5	64QAM	25	0	19.24	19.21	19.43	19.12	19.57		
5	256QAM	1	0	17.18	17.14	17.41	17.34	17.39	19	5
5	256QAM	1	12	17.26	17.30	17.37	17.41	17.56		
5	256QAM	1	24	17.33	17.26	17.40	17.35	17.31		
5	256QAM	12	0	17.15	17.04	17.45	17.30	17.21	19	5
5	256QAM	12	7	17.35	17.08	17.43	17.15	17.37		
5	256QAM	12	13	17.17	17.16	17.33	17.07	17.50		
5	256QAM	25	0	17.20	17.13	17.27	17.19	17.34		

Band 41 Ant 0 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.35	25.23	25.45	25.28	25.39	27	0
20	QPSK	1	49	25.20	25.23	25.39	25.12	25.27		
20	QPSK	1	99	25.26	25.13	25.31	25.16	25.36		
20	QPSK	50	0	24.17	24.13	24.38	24.08	24.22	26	1
20	QPSK	50	24	24.14	24.14	24.30	24.10	24.24		
20	QPSK	50	50	24.15	24.22	24.29	24.11	24.27		
20	QPSK	100	0	24.17	24.18	24.29	24.09	24.25		
20	16QAM	1	0	24.20	24.12	24.20	24.00	24.08	26	1
20	16QAM	1	49	24.17	24.10	24.29	24.08	24.26		
20	16QAM	1	99	24.04	24.14	24.29	24.16	24.27		
20	16QAM	50	0	23.20	23.21	23.09	23.14	23.08	25	2
20	16QAM	50	24	23.17	23.08	23.15	23.20	23.13		
20	16QAM	50	50	23.04	23.22	23.06	23.22	23.14		
20	16QAM	100	0	23.13	23.03	23.06	23.22	23.09		
20	64QAM	1	0	23.23	23.06	23.12	23.21	23.09	25	2
20	64QAM	1	49	23.18	23.12	23.16	23.13	23.02		
20	64QAM	1	99	23.09	23.00	23.14	23.09	23.17		
20	64QAM	50	0	22.18	22.12	22.28	22.23	22.30	24	3
20	64QAM	50	24	22.26	22.17	22.31	22.17	22.17		
20	64QAM	50	50	22.30	22.12	22.15	22.28	22.30		
20	64QAM	100	0	22.13	22.31	22.18	22.12	22.32		
20	256QAM	1	0	20.20	20.16	20.23	20.20	20.13	22	5
20	256QAM	1	49	20.11	20.18	20.11	20.25	20.11		
20	256QAM	1	99	20.13	20.11	20.11	20.27	20.21		
20	256QAM	50	0	20.24	20.14	20.19	20.11	20.18	22	5
20	256QAM	50	24	20.17	20.29	20.28	20.27	20.27		
20	256QAM	50	50	20.23	20.10	20.28	20.23	20.32		
20	256QAM	100	0	20.28	20.16	20.30	20.09	20.18		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.33	25.31	25.42	25.21	25.42	27	0
15	QPSK	1	37	25.14	25.33	25.34	25.13	25.35		
15	QPSK	1	74	25.21	25.14	25.37	25.19	25.41		
15	QPSK	36	0	24.16	24.12	24.44	24.01	24.14	26	1
15	QPSK	36	20	24.08	24.11	24.21	24.13	24.27		
15	QPSK	36	39	24.15	24.13	24.21	24.21	24.25		
15	QPSK	75	0	24.21	24.20	24.29	24.15	24.23		
15	16QAM	1	0	24.25	24.10	24.14	24.01	24.07	26	1
15	16QAM	1	37	24.10	24.07	24.26	24.09	24.35		
15	16QAM	1	74	24.13	24.08	24.32	24.21	24.26		
15	16QAM	36	0	23.11	23.15	23.13	23.12	23.06	25	2
15	16QAM	36	20	23.19	23.11	23.13	23.22	23.09		
15	16QAM	36	39	23.06	23.19	23.15	23.30	23.21		
15	16QAM	75	0	23.05	23.03	23.09	23.18	23.05		
15	64QAM	1	0	23.24	23.11	23.20	23.31	23.02	25	2
15	64QAM	1	37	23.17	23.21	23.08	23.17	23.11		
15	64QAM	1	74	23.07	23.03	23.23	23.07	23.12		
15	64QAM	36	0	22.10	22.21	22.30	22.15	22.38	24	3
15	64QAM	36	20	22.31	22.17	22.37	22.26	22.09		
15	64QAM	36	39	22.31	22.17	22.05	22.31	22.34		
15	64QAM	75	0	22.20	22.25	22.12	22.09	22.22		
15	256QAM	1	0	20.26	20.09	20.19	20.23	20.21	22	5
15	256QAM	1	37	20.07	20.13	20.09	20.22	20.14		
15	256QAM	1	74	20.11	20.16	20.09	20.36	20.29		
15	256QAM	36	0	20.20	20.21	20.10	20.08	20.13	22	5
15	256QAM	36	20	20.25	20.29	20.18	20.32	20.32		
15	256QAM	36	39	20.31	20.08	20.25	20.31	20.35		
15	256QAM	75	0	20.26	20.17	20.23	20.04	20.15		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.38	25.17	25.35	25.21	25.37	27	0
10	QPSK	1	25	25.15	25.16	25.35	25.12	25.26		
10	QPSK	1	49	25.17	25.12	25.32	25.23	25.26		
10	QPSK	25	0	24.14	24.20	24.33	24.04	24.31	26	1
10	QPSK	25	12	24.16	24.10	24.35	24.18	24.31		
10	QPSK	25	25	24.14	24.27	24.32	24.19	24.18		
10	QPSK	50	0	24.16	24.16	24.19	24.18	24.30		
10	16QAM	1	0	24.21	24.15	24.14	24.04	24.01	26	1
10	16QAM	1	25	24.26	24.10	24.36	24.13	24.27		
10	16QAM	1	49	24.09	24.14	24.38	24.18	24.35		
10	16QAM	25	0	23.20	23.20	23.14	23.17	23.17	25	2
10	16QAM	25	12	23.09	23.01	23.10	23.27	23.08		
10	16QAM	25	25	23.12	23.30	23.12	23.13	23.12		
10	16QAM	50	0	23.23	23.09	23.06	23.16	23.00		
10	64QAM	1	0	23.17	23.15	23.05	23.17	23.17	25	2
10	64QAM	1	25	23.27	23.14	23.26	23.07	23.09		
10	64QAM	1	49	23.16	23.03	23.12	23.18	23.26		
10	64QAM	25	0	22.20	22.19	22.24

Band		WCDMA II Ant 1			Tune-up Limit (dBm)	WCDMA IV Ant 1			Tune-up Limit (dBm)	WCDMA V Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	15.33	15.44	15.41	16.70	17.53	17.50	17.45	18.60	23.31	23.42	23.29	24.00
3GPP Rel 99	RMC 12.2Kbps	15.51	15.57	15.46	16.70	17.45	17.55	17.49	18.60	23.39	23.44	23.32	24.00
3GPP Rel 6	HSDPA Subtest-1	14.45	14.60	14.37	15.70	16.37	16.62	16.57	17.60	22.35	22.49	22.31	23.00
3GPP Rel 6	HSDPA Subtest-2	14.51	14.49	14.48	15.70	16.46	16.52	16.46	17.60	22.39	22.51	22.33	23.00
3GPP Rel 6	HSDPA Subtest-3	13.92	14.01	13.95	15.20	15.90	16.03	15.92	17.10	21.95	21.91	21.85	22.50
3GPP Rel 6	HSDPA Subtest-4	14.04	14.13	13.87	15.20	15.91	15.98	15.97	17.10	21.84	21.93	21.84	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	14.55	14.61	14.49	15.70	16.44	16.47	16.44	17.60	22.41	22.39	22.25	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	14.53	14.66	14.39	15.70	16.48	16.47	16.52	17.60	22.36	22.51	22.23	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	14.00	14.06	13.96	15.20	15.94	16.11	16.05	17.10	21.96	21.90	21.84	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	13.97	13.99	13.94	15.20	16.03	16.14	16.02	17.10	21.89	21.88	21.76	22.50
3GPP Rel 6	HSUPA Subtest-1	14.43	14.56	14.41	15.70	16.42	16.56	16.57	17.60	22.45	22.48	22.24	23.00
3GPP Rel 6	HSUPA Subtest-2	12.55	12.50	12.45	13.70	14.46	14.61	14.43	15.60	20.38	20.51	20.39	21.00
3GPP Rel 6	HSUPA Subtest-3	13.54	13.50	13.47	14.70	15.54	15.54	15.55	16.60	21.46	21.48	21.28	22.00
3GPP Rel 6	HSUPA Subtest-4	12.42	12.54	12.37	13.70	14.48	14.52	14.49	15.60	20.33	20.38	20.27	21.00
3GPP Rel 6	HSUPA Subtest-5	14.43	14.49	14.50	15.70	16.46	16.56	16.56	17.60	22.42	22.38	22.35	23.00

Band 2 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.47	16.55	16.51		
20	QPSK	1	49	16.39	16.26	16.49	18	0
20	QPSK	1	99	16.29	16.47	16.44		
20	QPSK	50	0	16.33	16.53	16.44		
20	QPSK	50	24	16.35	16.14	16.44	18	0
20	QPSK	50	50	16.28	16.32	16.35		
20	QPSK	100	0	16.34	16.48	16.38		
20	16QAM	1	0	16.25	16.23	16.36		
20	16QAM	1	49	16.17	16.39	16.39	18	0
20	16QAM	1	99	16.29	16.47	16.49		
20	16QAM	50	0	16.36	16.14	16.41		
20	16QAM	50	24	16.15	16.46	16.35	18	0
20	16QAM	50	50	16.41	16.39	16.38		
20	16QAM	100	0	16.22	16.13	16.32		
20	64QAM	1	0	16.20	16.41	16.34		
20	64QAM	1	49	16.37	16.42	16.41	18	0
20	64QAM	1	99	16.32	16.16	16.43		
20	64QAM	50	0	16.24	16.36	16.36		
20	64QAM	50	24	16.44	16.48	16.37	18	0
20	64QAM	50	50	16.30	16.07	16.37		
20	64QAM	100	0	16.21	16.43	16.42		
20	256QAM	1	0	16.41	16.39	16.35		
20	256QAM	1	49	16.22	16.18	16.33	18	0
20	256QAM	1	99	16.26	16.37	16.39		
20	256QAM	50	0	16.40	16.49	16.33		
20	256QAM	50	24	16.39	16.41	16.36	18	0
20	256QAM	50	50	16.32	16.23	16.31		
20	256QAM	100	0	16.20	16.44	16.33		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.34	16.54	16.43		
15	QPSK	1	37	16.31	16.13	16.38	18	0
15	QPSK	1	74	16.26	16.40	16.33		
15	QPSK	36	0	16.15	16.39	16.42		
15	QPSK	36	20	16.18	16.00	16.31	18	0
15	QPSK	36	39	16.14	16.26	16.26		
15	QPSK	75	0	16.24	16.30	16.34		
15	16QAM	1	0	16.24	16.11	16.28		
15	16QAM	1	37	16.06	16.33	16.24	18	0
15	16QAM	1	74	16.25	16.40	16.33		
15	16QAM	36	0	16.35	16.01	16.39		
15	16QAM	36	20	16.08	16.45	16.21	18	0
15	16QAM	36	39	16.25	16.30	16.25		
15	16QAM	75	0	16.08	16.09	16.25		
15	64QAM	1	0	16.17	16.23	16.22		
15	64QAM	1	37	16.26	16.37	16.37	18	0
15	64QAM	1	74	16.15	16.06	16.41		
15	64QAM	36	0	16.20	16.31	16.25		
15	64QAM	36	20	16.31	16.41	16.27	18	0
15	64QAM	36	39	16.26	16.02	16.23		
15	64QAM	75	0	16.09	16.32	16.37		
15	256QAM	1	0	16.38	16.27	16.22		
15	256QAM	1	37	16.09	16.14	16.18	18	0
15	256QAM	1	74	16.19	16.25	16.38		
15	256QAM	36	0	16.38	16.34	16.25		
15	256QAM	36	20	16.27	16.27	16.22	18	0
15	256QAM	36	39	16.18	16.12	16.30		
15	256QAM	75	0	16.16	16.27	16.22		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.29	16.38	16.35		
10	QPSK	1	25	16.21	16.18	16.31	18	0
10	QPSK	1	49	16.20	16.43	16.39		
10	QPSK	25	0	16.18	16.49	16.28		
10	QPSK	25	12	16.23	16.03	16.37	18	0
10	QPSK	25	25	16.26	16.16	16.22		
10	QPSK	50	0	16.21	16.46	16.31		
10	16QAM	1	0	16.07	16.05	16.22		
10	16QAM	1	25	16.15	16.26	16.34	18	0
10	16QAM	1	49	16.15	16.38	16.39		
10	16QAM	25	0	16.25	16.10	16.26		
10	16QAM	25	12	16.13	16.35	16.26	18	0
10	16QAM	25	25	16.39	16.32	16.21		
10	16QAM	50	0	16.13	16.27	16.15		
10	64QAM	1	0	16.01	16.36	16.32		
10	64QAM	1	25	16.29	16.27	16.35	18	0
10	64QAM	1	49	16.19	16.06	16.41		
10	64QAM	25	0	16.07	16.17	16.20		
10	64QAM	25	12	16.42	16.38	16.23	18	0
10	64QAM	25	25	16.25	16.25	16.21		
10	64QAM	50	0	16.17	16.31	16.28		
10	256QAM	1	0	16.39	16.36	16.32		
10	256QAM	1	25	16.03	16.12	16.30	18	0
10	256QAM	1	49	16.20	16.30	16.27		
10	256QAM	25	0	16.31	16.44	16.14		
10	256QAM	25	12	16.28	16.29	16.23	18	0
10	256QAM	25	25	16.13	16.07	16.25		
10	256QAM	50	0	16.10	16.35	16.26		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.32	16.53	16.46		
5	QPSK	1	12	16.37	16.12	16.47	18	0
5	QPSK	1	24	16.26	16.46	16.26		
5	QPSK	12	0	16.27	16.40	16.39		
5	QPSK	12	7	16.20	16.27	16.35	18	0
5	QPSK	12	13	16.17	16.20	16.32		
5	QPSK	25	0	16.23	16.46	16.32		
5	16QAM	1	0	16.12	16.11	16.28		
5	16QAM	1	12	16.15	16.21	16.25	18	0
5	16QAM	1	24	16.11	16.40	16.46		
5	16QAM	12	0	16.35	16.04	16.39		
5	16QAM	12	7	16.10	16.29	16.21	18	0
5	16QAM	12	13	16.38	16.29	16.20		
5	16QAM	25	0	16.05	16.03	16.30		
5	64QAM	1	0	16.17	16.38	16.17		
5	64QAM	1	12	16.30	16.38	16.35	18	0
5	64QAM	1	24	16.16	16.00	16.36		
5	64QAM	12	0	16.15	16.28	16.18		
5	64QAM	12	7	16.29	16.35	16.24	18	0
5	64QAM	12	13	16.15	16.02	16.28		
5	64QAM	25	0	16.14	16.30	16.33		
5	256QAM	1	0	16.25	16.35	16.21		
5	256QAM	1	12	16.20	16.13	16.21	18	0
5	256QAM	1	24	16.14	16.35	16.24		
5	256QAM	12	0	16.33	16.31	16.30		
5	256QAM	12	7	16.32	16.23	16.35	18	0
5	256QAM	12	13	16.22	16.09	16.25		
5	256QAM	25	0	16.06	16.34	16.32		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.28	16.38	16.46		
3	QPSK	1	8	16.22	16.12	16.43	18	0
3	QPSK	1	14	16.23	16.31	16.42		
3	QPSK	8	0	16.21	16.42	16.39		
3	QPSK	8	4	16.18	16.05	16.27	18	0
3	QPSK	8	7	16.18	16.29	16.19		
3	QPSK	15	0	16.31	16.45	16.23		
3	16QAM	1	0	16.12	16.18	16.24		
3	16QAM	1	8	16.04	16.21	16.37	18	0
3	16QAM	1	14	16.18	16.43	16.31		
3	16QAM	8	0	16.22	16.02	16.39		
3	16QAM	8	4	16.06	16.31	16.28	18	0
3	16QAM	8	7	16.34	16.27	16.36		
3	16QAM	15	0	16.17	16.03	16.17		
3	64QAM	1	0	16.02	16.29	16.16		
3	64QAM	1	8	16.33	16.29	16.35	18	0
3	64QAM	1	14	16.15	16.08	16.40		
3	64QAM	8	0	16.05	16.30	16.33		
3	64QAM	8	4	16.42	16.38	16.36	18	0
3	64QAM	8	7	16.21	16.16	16.29		
3	64QAM	15	0	16.12	16.37	16.39		
3	256QAM	1	0	16.24	16.34	16.31		
3	256QAM	1	8	16.03	16.08	16.16	18	0
3	256QAM	1	14	16.24	16.25	16.23		
3	256QAM	8	0	16.34	16.35	16.29		
3	256QAM	8	4	16.25	16.36	16.24	18	0
3	256QAM	8	7	16.24	16.18	16.24		
3	256QAM	15	0	16.05	16.38	16.14		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.45	16.48	16.39		
1.4	QPSK	1	3	16.28	16.14	16.32		
1.4	QPSK	1	5	16.12	16.35	16.37	18	0
1.4	QPSK	3	0	16.25	16.38	16.30		
1.4	QPSK	3	1	16.20	16.16	16.35		
1.4	QPSK	3	3	16.14	16.29	16.32		
1.4	QPSK	6	0	16.30	16.39	16.34	18	0
1.4	16QAM	1	0	16.11	16.04	16.28		
1.4	16QAM	1	3	16.11	16.21	16.34		
1.4	16QAM	1	5	16.17	16.30	16.40	18	0
1.4	16QAM	3	0	16.33	16.06	16.32		
1.4	16QAM	3	1	16.20	16.35	16.33		
1.4	16QAM	3	3	16.24	16.32	16.25		
1.4	16QAM	6	0	16.18	16.15	16.20	18	0
1.4	64QAM	1	0	16.04	16.39	16.24		
1.4	64QAM	1	3	16.33	16.34	16.40		
1.4	64QAM	1	5	16.30	16.01	16.29	18	0
1.4	64QAM	3	0	16.12	16.22	16.28		
1.4	64QAM	3	1	16.38	16.47	16.21		
1.4	64QAM	3	3	16.18	16.04	16.35		
1.4	64QAM	6	0	16.18	16.40	16.40	18	0
1.4	256QAM	1	0	16.25	16.32	16.24		
1.4	256QAM	1	3	16.05	16.15	16.19		
1.4	256QAM	1	5	16.24	16.29	16.33	18	0
1.4	256QAM	3	0	16.38	16.43	16.18		
1.4	256QAM	3	1	16.31	16.30	16.22		
1.4	256QAM	3	3	16.28	16.19	16.15		
1.4	256QAM	6	0	16.06	16.36	16.18	18	0

Band 4 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.34	15.47	15.31		
20	QPSK	1	49	15.29	15.35	15.14	17.1	0
20	QPSK	1	99	15.23	15.26	15.43		
20	QPSK	50	0	15.33	15.39	15.18		
20	QPSK	50	24	15.21	15.35	15.24	17.1	0
20	QPSK	50	50	15.32	15.23	15.22		
20	QPSK	100	0	15.32	15.19	15.22		
20	16QAM	1	0	15.19	15.28	15.26		
20	16QAM	1	49	15.25	15.14	15.24	17.1	0
20	16QAM	1	99	15.24	15.35	15.15		
20	16QAM	50	0	15.31	15.25	15.20		
20	16QAM	50	24	15.32	15.28	15.28	17.1	0
20	16QAM	50	50	15.42	15.26	15.21		
20	16QAM	100	0	15.37	15.21	15.13		
20	64QAM	1	0	15.23	15.45	15.12		
20	64QAM	1	49	15.15	15.31	15.22	17.1	0
20	64QAM	1	99	15.26	15.34	15.13		
20	64QAM	50	0	15.16	15.16	15.24		
20	64QAM	50	24	15.40	15.20	15.29	17.1	0
20	64QAM	50	50	15.34	15.22	15.13		
20	64QAM	100	0	15.21	15.21	15.22		
20	256QAM	1	0	15.16	15.40	15.25		
20	256QAM	1	49	15.28	15.28	15.27	17.1	0
20	256QAM	1	99	15.21	15.19	15.38		
20	256QAM	50	0	15.35	15.29	15.16		
20	256QAM	50	24	15.30	15.39	15.26	17.1	0
20	256QAM	50	50	15.24	15.30	15.14		
20	256QAM	100	0	15.26	15.36	15.26		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.30	15.44	15.21		
15	QPSK	1	37	15.19	15.49	15.25	17.1	0
15	QPSK	1	74	15.19	15.37	15.19		
15	QPSK	36	0	15.17	15.22	15.14		
15	QPSK	36	20	15.26	15.39	15.28	17.1	0
15	QPSK	36	39	15.26	15.43	15.16		
15	QPSK	75	0	15.17	15.23	15.10		
15	16QAM	1	0	15.10	15.13	15.18		
15	16QAM	1	37	15.30	15.29	15.15	17.1	0
15	16QAM	1	74	15.16	15.24	15.14		
15	16QAM	36	0	15.30	15.19	15.10		
15	16QAM	36	20	15.15	15.27	15.15	17.1	0
15	16QAM	36	39	15.41	15.12	15.18		
15	16QAM	75	0	15.17	15.17	15.11		
15	64QAM	1	0	15.27	15.34	15.16		
15	64QAM	1	37	15.19	15.37	15.19	17.1	0
15	64QAM	1	74	15.18	15.31	15.19		
15	64QAM	36	0	15.32	15.35	15.21		
15	64QAM	36	20	15.16	15.45	15.22	17.1	0
15	64QAM	36	39	15.24	15.38	15.13		
15	64QAM	75	0	15.19	15.44	15.15		
15	256QAM	1	0	15.23	15.37	15.24		
15	256QAM	1	37	15.21	15.19	15.18	17.1	0
15	256QAM	1	74	15.21	15.44	15.27		
15	256QAM	36	0	15.22	15.46	15.27		
15	256QAM	36	20	15.25	15.43	15.19	17.1	0
15	256QAM	36	39	15.31	15.31	15.17		
15	256QAM	75	0	15.12	15.22	15.23		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.19	15.32	15.28		
10	QPSK	1	25	15.19	15.42	15.21	17.1	0
10	QPSK	1	49	15.27	15.31	15.25		
10	QPSK	25	0	15.20	15.34	15.16		
10	QPSK	25	12	15.16	15.43	15.14	17.1	0
10	QPSK	25	25	15.27	15.36	15.13		
10	QPSK	50	0	15.19	15.36	15.18		
10	16QAM	1	0	15.25	15.32	15.27		
10	16QAM	1	25	15.24	15.30	15.22	17.1	0
10	16QAM	1	49	15.15	15.24	15.13		
10	16QAM	25	0	15.18	15.21	15.12		
10	16QAM	25	12	15.28	15.23	15.19	17.1	0
10	16QAM	25	25	15.17	15.36	15.21		
10	16QAM	50	0	15.18	15.37	15.18		
10	64QAM	1	0	15.25	15.41	15.22		
10	64QAM	1	25	15.29	15.42	15.13	17.1	0
10	64QAM	1	49	15.17	15.42	15.28		
10	64QAM	25	0	15.26	15.36	15.26		
10	64QAM	25	12	15.24	15.34	15.18	17.1	0
10	64QAM	25	25	15.17	15.38	15.14		
10	64QAM	50	0	15.16	15.37	15.29		
10	256QAM	1	0	15.29	15.38	15.16		
10	256QAM	1	25	15.12	15.19	15.16	17.1	0
10	256QAM	1	49	15.15	15.29	15.17		
10	256QAM	25	0	15.23	15.33	15.17		
10	256QAM	25	12	15.23	15.36	15.21	17.1	0
10	256QAM	25	25	15.22	15.11	15.10		
10	256QAM	50	0	15.24	15.33	15.17		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.15	15.40	15.16		
5	QPSK	1	12	15.26	15.44	15.19	17.1	0
5	QPSK	1	24	15.20	15.39	15.30		
5	QPSK	12	0	15.20	15.42	15.24		
5	QPSK	12	7	15.13	15.21	15.17	17.1	0
5	QPSK	12	13	15.20	15.43	15.27		
5	QPSK	25	0	15.27	15.21	15.19		
5	16QAM	1	0	15.16	15.32	15.19		
5	16QAM	1	12	15.27	15.37	15.20	17.1	0
5	16QAM	1	24	15.31	15.39	15.29		
5	16QAM	12	0	15.16	15.44	15.17		
5	16QAM	12	7	15.15	15.13	15.25	17.1	0
5	16QAM	12	13	15.19	15.21	15.13		
5	16QAM	25	0	15.31	15.46	15.23		
5	64QAM	1	0	15.24	15.31	15.16		
5	64QAM	1	12	15.16	15.45	15.29	17.1	0
5	64QAM	1	24	15.19	15.29	15.19		
5	64QAM	12	0	15.28	15.34	15.17		
5	64QAM	12	7	15.23	15.44	15.19	17.1	0
5	64QAM	12	13	15.24	15.12	15.10		
5	64QAM	25	0	15.19	15.20	15.17		
5	256QAM	1	0	15.23	15.36	15.16		
5	256QAM	1	12	15.30	15.29	15.12	17.1	0
5	256QAM	1	24	15.19	15.39	15.23		
5	256QAM	12	0	15.33	15.31	15.10		
5	256QAM	12	7	15.24	15.42	15.26	17.1	0
5	256QAM	12	13	15.31	15.40	15.14		
5	256QAM	25	0	15.22	15.24	15.13		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.33	15.35	15.25		
3	QPSK	1	8	15.25	15.45	15.18	17.1	0
3	QPSK	1	14	15.32	15.32	15.22		
3	QPSK	8	0	15.18	15.35	15.15		
3	QPSK	8	4	15.14	15.37	15.18	17.1	0
3	QPSK	8	7	15.13	15.20	15.20		
3	QPSK	15	0	15.28	15.34	15.21		
3	16QAM	1	0	15.10	15.11	15.21		
3	16QAM	1	8	15.26	15.41	15.29	17.1	0
3	16QAM	1	14	15.14	15.25	15.13		
3	16QAM	8	0	15.17	15.11	15.12		
3	16QAM	8	4	15.17	15.20	15.12	17.1	0
3	16QAM	8	7	15.18	15.38	15.21		
3	16QAM	15	0	15.20	15.29	15.23		
3	64QAM	1	0	15.16	15.36	15.25		
3	64QAM	1	8	15.21	15.41	15.25	17.1	0
3	64QAM	1	14	15.13	15.31	15.10		
3	64QAM	8	0	15.28	15.31	15.16		
3	64QAM	8	4	15.23	15.28	15.13	17.1	0
3	64QAM	8	7	15.18	15.34	15.13		
3	64QAM	15	0	15.19	15.44	15.17		
3	256QAM	1	0	15.13	15.24	15.10		
3	256QAM	1	8	15.10	15.24	15.14	17.1	0
3	256QAM	1	14	15.29	15.36	15.16		
3	256QAM	8	0	15.22	15.23	15.11		
3	256QAM	8	4	15.13	15.28	15.15	17.1	0
3	256QAM	8	7	15.22	15.32	15.14		
3	256QAM	15	0	15.20	15.30	15.21		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.19	15.34	15.18		
1.4	QPSK	1	3	15.18	15.17	15.30		
1.4	QPSK	1	5	15.14	15.12	15.37	17.1	0
1.4	QPSK	3	0	15.18	15.32	15.11		
1.4	QPSK	3	1	15.19	15.28	15.23		
1.4	QPSK	3	3	15.24	15.22	15.16		
1.4	QPSK	6	0	15.27	15.30	15.13	17.1	0
1.4	16QAM	1	0	15.17	15.23	15.23		
1.4	16QAM	1	3	15.10	15.13	15.26		
1.4	16QAM	1	5	15.18	15.23	15.33	17.1	0
1.4	16QAM	3	0	15.11	15.13	15.34		
1.4	16QAM	3	1	15.22	15.16	15.27		
1.4	16QAM	3	3	15.39	15.15	15.11		
1.4	16QAM	6	0	15.19	15.22	15.33	17.1	0
1.4	64QAM	1	0	15.15	15.18	15.36		
1.4	64QAM	1	3	15.17	15.10	15.40		
1.4	64QAM	1	5	15.17	15.12	15.31	17.1	0
1.4	64QAM	3	0	15.19	15.22	15.31		
1.4	64QAM	3	1	15.33	15.16	15.24		
1.4	64QAM	3	3	15.11	15.15	15.32		
1.4	64QAM	6	0	15.16	15.22	15.39	17.1	0
1.4	256QAM	1	0	15.11	15.38	15.18		
1.4	256QAM	1	3	15.11	15.23	15.20		
1.4	256QAM	1	5	15.21	15.19	15.38	17.1	0
1.4	256QAM	3	0	15.25	15.21	15.14		
1.4	256QAM	3	1	15.11	15.30	15.13		
1.4	256QAM	3	3	15.20	15.18	15.12		
1.4	256QAM	6	0	15.18	15.25	15.16	17.1	0

Band 5 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.06	22.29	22.21		
10	QPSK	1	25	22.10	22.24	22.11	23.5	0
10	QPSK	1	49	22.18	22.12	21.96		
10	QPSK	25	0	21.39	21.48	21.47		
10	QPSK	25	12	21.22	21.31	21.46	23	0.5
10	QPSK	25	25	21.17	21.33	21.29		
10	QPSK	50	0	21.12	21.44	21.18		
10	16QAM	1	0	21.09	21.17	21.40		
10	16QAM	1	25	21.38	21.28	21.28	23	0.5
10	16QAM	1	49	21.27	21.23	21.15		
10	16QAM	25	0	20.27	20.25	20.29		
10	16QAM	25	12	20.19	20.18	20.31	22

Band 7 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.09	17.14	17.05	18.2	0
20	QPSK	1	49	16.98	17.00	16.92		
20	QPSK	1	99	17.04	17.00	17.01		
20	QPSK	50	0	16.96	17.07	16.93	18.2	0
20	QPSK	50	24	16.90	16.97	16.87		
20	QPSK	50	50	17.04	17.03	17.02		
20	QPSK	100	0	17.00	17.04	16.94		
20	16QAM	1	0	17.03	17.01	16.89	18.2	0
20	16QAM	1	49	16.91	17.07	16.86		
20	16QAM	1	99	17.08	17.11	17.03		
20	16QAM	50	0	16.98	17.13	16.95	18.2	0
20	16QAM	50	24	17.04	16.97	16.98		
20	16QAM	50	50	17.07	17.07	16.87		
20	16QAM	100	0	16.92	17.11	16.95		
20	64QAM	1	0	17.05	17.10	16.99	18.2	0
20	64QAM	1	49	17.07	16.98	16.99		
20	64QAM	1	99	16.96	16.96	16.87		
20	64QAM	50	0	17.01	16.95	17.04	18.2	0
20	64QAM	50	24	16.92	17.01	16.87		
20	64QAM	50	50	17.04	17.07	17.02		
20	64QAM	100	0	16.98	17.00	17.03		
20	256QAM	1	0	17.03	16.96	16.91	18.2	0
20	256QAM	1	49	16.95	17.04	16.96		
20	256QAM	1	99	17.01	16.99	17.04		
20	256QAM	50	0	17.05	16.97	16.92	18.2	0
20	256QAM	50	24	17.07	16.98	16.90		
20	256QAM	50	50	16.95	17.11	16.94		
20	256QAM	100	0	16.96	17.04	17.00		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.00	17.11	16.92	18.2	0
15	QPSK	1	37	16.82	16.83	16.84		
15	QPSK	1	74	16.86	16.87	17.00		
15	QPSK	36	0	16.77	16.97	16.90	18.2	0
15	QPSK	36	20	16.85	16.93	16.71		
15	QPSK	36	39	17.02	16.94	16.86		
15	QPSK	75	0	16.94	16.98	16.85		
15	16QAM	1	0	16.88	16.88	16.82	18.2	0
15	16QAM	1	37	16.78	17.01	16.69		
15	16QAM	1	74	16.91	16.99	16.85		
15	16QAM	36	0	16.87	17.05	16.94	18.2	0
15	16QAM	36	20	16.94	16.93	16.96		
15	16QAM	36	39	16.88	16.94	16.84		
15	16QAM	75	0	16.89	17.03	16.92		
15	64QAM	1	0	16.95	17.05	16.80	18.2	0
15	64QAM	1	37	16.88	16.91	16.95		
15	64QAM	1	74	16.81	16.79	16.70		
15	64QAM	36	0	16.96	16.88	17.03	18.2	0
15	64QAM	36	20	16.90	16.95	16.78		
15	64QAM	36	39	16.96	16.88	16.90		
15	64QAM	75	0	16.90	16.86	16.87		
15	256QAM	1	0	16.96	16.90	16.77	18.2	0
15	256QAM	1	37	16.88	16.91	16.87		
15	256QAM	1	74	16.86	16.97	16.93		
15	256QAM	36	0	16.96	16.92	16.85	18.2	0
15	256QAM	36	20	17.01	16.96	16.76		
15	256QAM	36	39	16.90	16.96	16.83		
15	256QAM	75	0	16.86	17.00	16.82		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.03	17.05	16.97	18.2	0
10	QPSK	1	25	16.94	16.81	16.83		
10	QPSK	1	49	16.93	16.85	16.85		
10	QPSK	25	0	16.82	16.97	16.82	18.2	0
10	QPSK	25	12	16.83	16.94	16.86		
10	QPSK	25	25	16.98	16.94	17.00		
10	QPSK	50	0	16.83	16.96	16.84		
10	16QAM	1	0	16.91	16.97	16.72	18.2	0
10	16QAM	1	25	16.86	17.05	16.68		
10	16QAM	1	49	16.89	17.01	16.92		
10	16QAM	25	0	16.93	17.02	16.86	18.2	0
10	16QAM	25	12	16.97	16.79	16.91		
10	16QAM	25	25	16.97	17.03	16.82		
10	16QAM	50	0	16.81	16.94	16.91		
10	64QAM	1	0	17.02	17.00	16.82	18.2	0
10	64QAM	1	25	16.95	16.95	16.96		
10	64QAM	1	49	16.90	16.87	16.71		
10	64QAM	25	0	16.94	16.81	16.88	18.2	0
10	64QAM	25	12	16.76	16.84	16.72		
10	64QAM	25	25	16.89	17.02	17.00		
10	64QAM	50	0	16.88	16.84	17.02		
10	256QAM	1	0	16.87	16.94	16.74	18.2	0
10	256QAM	1	25	16.80	16.91	16.92		
10	256QAM	1	49	17.00	16.88	16.96		
10	256QAM	25	0	16.87	16.84	16.90	18.2	0
10	256QAM	25	12	16.90	16.90	16.82		
10	256QAM	25	25	16.81	16.95	16.92		
10	256QAM	50	0	16.90	16.93	16.82		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.97	17.01	16.88	18.2	0
5	QPSK	1	12	16.86	16.95	16.74		
5	QPSK	1	24	16.94	16.99	16.93		
5	QPSK	12	0	16.84	17.02	16.85	18.2	0
5	QPSK	12	7	16.86	16.81	16.71		
5	QPSK	12	13	17.00	16.96	16.83		
5	QPSK	25	0	16.97	16.95	16.82		
5	16QAM	1	0	16.99	16.82	16.76	18.2	0
5	16QAM	1	12	16.88	16.90	16.74		
5	16QAM	1	24	16.91	16.97	16.91		
5	16QAM	12	0	16.81	17.03	16.79	18.2	0
5	16QAM	12	7	16.86	16.95	16.84		
5	16QAM	12	13	17.05	16.92	16.78		
5	16QAM	25	0	16.87	16.96	16.81		
5	64QAM	1	0	16.89	17.02	16.86	18.2	0
5	64QAM	1	12	16.90	16.85	16.88		
5	64QAM	1	24	16.90	16.93	16.77		
5	64QAM	12	0	16.87	16.93	16.86	18.2	0
5	64QAM	12	7	16.84	16.94	16.83		
5	64QAM	12	13	16.98	17.03	16.92		
5	64QAM	25	0	16.82	16.88	16.87		
5	256QAM	1	0	16.91	16.97	16.76	18.2	0
5	256QAM	1	12	16.87	16.90	16.87		
5	256QAM	1	24	16.89	16.91	16.98		
5	256QAM	12	0	16.96	16.96	16.75	18.2	0
5	256QAM	12	7	16.92	16.81	16.80		
5	256QAM	12	13	16.87	17.08	16.90		
5	256QAM	25	0	16.93	16.96	16.92		

Band 12 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.63	22.75	22.66	24	0
10	QPSK	1	25	22.57	22.64	22.50		
10	QPSK	1	49	22.50	22.60	22.54		
10	QPSK	25	0	21.68	21.77	21.75	23	1
10	QPSK	25	12	21.48	21.71	21.60		
10	QPSK	25	25	21.61	21.63	21.57		
10	QPSK	50	0	21.61	21.70	21.67		
10	16QAM	1	0	21.67	21.73	21.71	23	1
10	16QAM	1	25	21.47	21.77	21.56		
10	16QAM	1	49	21.48	21.65	21.69		
10	16QAM	25	0	20.65	20.65	20.62	22	2
10	16QAM	25	12	20.58	20.61	20.64		
10	16QAM	25	25	20.77	20.58	20.58		
10	16QAM	50	0	20.60	20.54	20.62		
10	64QAM	1	0	20.66	20.64	20.77	22	2
10	64QAM	1	25	20.69	20.76	20.53		
10	64QAM	1	49	20.55	20.61	20.71		
10	64QAM	25	0	19.69	19.66	19.62	21	3
10	64QAM	25	12	19.66	19.69	19.65		
10	64QAM	25	25	19.60	19.51	19.60		
10	64QAM	50	0	19.60	19.49	19.49		
10	256QAM	1	0	17.59	17.63	17.66	19	5
10	256QAM	1	25	17.59	17.49	17.50		
10	256QAM	1	49	17.70	17.58	17.60		
10	256QAM	25	0	17.53	17.50	17.60	19	5
10	256QAM	25	12	17.53	17.54	17.61		
10	256QAM	25	25	17.61	17.55	17.53		
10	256QAM	50	0	17.54	17.50	17.63		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.48	22.65	22.50	24	0
5	QPSK	1	12	22.48	22.59	22.37		
5	QPSK	1	24	22.44	22.43	22.33		
5	QPSK	12	0	21.55	21.63	21.67	23	1
5	QPSK	12	7	21.28	21.52	21.54		
5	QPSK	12	13	21.45	21.47	21.50		
5	QPSK	25	0	21.45	21.55	21.45		
5	16QAM	1	0	21.57	21.55	21.57	23	1
5	16QAM	1	12	21.33	21.55	21.41		
5	16QAM	1	24	21.28	21.56	21.49		
5	16QAM	12	0	20.47	20.49	20.48	22	2
5	16QAM	12	7	20.47	20.54	20.45		
5	16QAM	12	13	20.62	20.52	20.39		
5	16QAM	25	0	20.45	20.48	20.44		
5	64QAM	1	0	20.61	20.59	20.65	22	2
5	64QAM	1	12	20.58	20.57	20.46		
5	64QAM	1	24	20.46	20.50	20.66		
5	64QAM	12	0	19.53	19.58	19.40	21	3
5	64QAM	12	7	19.61	19.62	19.44		
5	64QAM	12	13	19.40	19.36	19.54		
5	64QAM	25	0	19.47	19.37	19.38		
5	256QAM	1	0	17.39	17.50	17.50	19	5
5	256QAM	1	12	17.49	17.42	17.33		
5	256QAM	1	24	17.64	17.53	17.46		
5	256QAM	12	0	17.38	17.43	17.44	19	5
5	256QAM	12	7	17.41	17.43	17.57		
5	256QAM	12	13	17.57	17.37	17.40		
5	256QAM	25	0	17.33	17.34	17.49		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.56	22.70	22.54	24	0
3	QPSK	1	8	22.52	22.60	22.40		
3	QPSK	1	14	22.30	22.45	22.35		
3	QPSK	8	0	21.52	21.61	21.58	23	1
3	QPSK	8	4	21.38	21.64	21.43		
3	QPSK	8	7	21.52	21.52	21.50		
3	QPSK	15	0	21.52	21.66	21.50		
3	16QAM	1	0	21.48	21.65	21.49	23	1
3	16QAM	1	8	21.28	21.65	21.41		
3	16QAM	1	14	21.32	21.59	21.48		
3	16QAM	8	0	20.44	20.47	20.53	22	2
3	16QAM	8	4	20.47	20.56	20.55		
3	16QAM	8	7	20.61	20.51	20.40		
3	16QAM	15	0	20.53	20.39	20.47		
3	64QAM	1	0	20.46	20.56	20.60	22	2
3	64QAM	1	8	20.63	20.65	20.45		
3	64QAM	1	14	20.46	20.45	20.50		
3	64QAM	8	0	19.61	19.52	19.41	21	3
3	64QAM	8	4	19.48	19.65	19.44		
3	64QAM	8	7	19.39	19.43	19.41		
3	64QAM	15	0	19.44	19.43	19.45		
3	256QAM	1	0	17.52	17.42	17.52	19	5
3	256QAM	1	8	17.43	17.34	17.30		
3	256QAM	1	14	17.53	17.38	17.56		
3	256QAM	8	0	17.45	17.38	17.50	19	5
3	256QAM	8	4	17.45	17.42	17.42		
3	256QAM	8	7	17.45	17.34	17.34		
3	256QAM	15	0	17.49	17.34	17.42		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.44	22.55	22.52	24	0
1.4	QPSK	1	3	22.51	22.49	22.32		
1.4	QPSK	1	5	22.39	22.44	22.45		
1.4	QPSK	3	0	22.57	22.70	22.62		
1.4	QPSK	3	1	22.50	22.53	22.44		
1.4	QPSK	3	3	22.44	22.45	22.43		
1.4	QPSK	6	0	21.52	21.58	21.60	23	1
1.4	16QAM	1	0	21.54	21.55	21.51	23	1
1.4	16QAM	1	3	21.38	21.69	21.39		
1.4	16QAM	1	5	21.38	21.57	21.53		
1.4	16QAM	3	0	21.55	21.66	21.57		
1.4	16QAM	3	1	21.40	21.54	21.38		
1.4	16QAM	3	3	21.49	21.58	21.49		
1.4	16QAM	6	0	20.45	20.41	20.50	22	2
1.4	64QAM	1	0	20.53	20.52	20.56	22	2
1.4	64QAM	1	3	20.59	20.65	20.39		
1.4	64QAM	1	5	20.35	20.41	20.54		
1.4	64QAM	3	0	20.51	20.54	20.46		
1.4	64QAM	3	1	20.37	20.41	20.45		
1.4	64QAM	3	3	20.64	20.40	20.42		
1.4	64QAM	6	0	19.44	19.35	19.35	21	3
1.4	256QAM	1	0	17.44	17.41	17.51	19	5
1.4	256QAM	1	3	17.44	17.28	17.45		
1.4	256QAM	1	5	17.63	17.37	17.46		
1.4	256QAM	3	0	17.34	17.44	17.54		
1.4	256QAM	3	1	17.44	17.35	17.45		
1.4	256QAM	3	3	17.41	17.47	17.37		
1.4	256QAM	6	0	17.35	17.32	17.58	19	5

Band 13 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.44		23.5	0
10	QPSK	1	25		22.39			
10	QPSK	1	49		22.27			
10	QPSK	25	0		21.91		23	0.5
10	QPSK	25	12		21.74			
10	QPSK	25	25		21.84			
10	QPSK	50	0		21.86			
10	16QAM	1	0		21.82		23	0.5
10	16QAM	1	25		21.83			
10	16QAM	1	49		21.90			
10	16QAM	25	0		20.88		22	1.5
10	16QAM	25	12		20.80			
10	16QAM	25	25		20.70			
10	16QAM	50	0		20.83			
10	64QAM	1	0		20.79		22	1.5
10	64QAM	1	25		20.85			
10	64QAM	1	49		20.67			
10	64QAM	25	0		19.85		21	2.5
10	64QAM	25	12		19.66			
10	64QAM	25	25		19.79			
10	64QAM	50	0		19.81			
10	256QAM	1	0		18.06		19	4.5
10	256QAM	1	25		17.96			
10	256QAM	1	49		18.03			
10	256QAM	25	0		17.89		19	4.5
10	256QAM	25	12		17.90			
10	256QAM	25	25		17.92			
10	256QAM	50	0		17.81			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.28	22.34	22.29	23.5	0
5	QPSK	1	12	22.02	22.11	22.30		
5	QPSK	1	24	22.06	22.08	22.16		
5	QPSK	12	0	21.76	21.81	21.70	23	0.5
5	QPSK	12	7	21.59	21.61	21.66		
5	QPSK	12	13	21.71	21.67	21.80		
5	QPSK	25	0	21.71	21.79	21.72		
5	16QAM	1	0	21.63	21.66	21.70	23	0.5
5	16QAM	1	12	21.62	21.71	21.77		
5	16QAM	1	24	21.74	21.78	21.79		
5	16QAM	12	0	20.81	20.81	20.75	22	1.5
5	16QAM	12	7	20.70	20.68	20.70		
5	16QAM	12	13	20.57	20.56	20.60		
5	16QAM	25	0	20.78	20.70	20.73		
5	64QAM	1	0	20.63	20.64	20.69	22	1.5
5	64QAM	1	12	20.69	20.81	20.73		
5	64QAM	1	24	20.47	20.63	20.52		
5	64QAM	12	0	19.71	19.64	19.73	21	2.5
5	64QAM	12	7	19.46	19.53	19.45		
5	64QAM	12	13	19.67	19.63	19.65		
5	64QAM	25	0	19.64	19.64	19.62		
5	256QAM	1	0	17.88	17.98	17.86	19	4.5
5	256QAM	1	12	17.84	17.92	17.84		
5	256QAM	1	24	17.97	17.82	17.88		
5	256QAM	12	0	17.76	17.79	17.83	19	4.5
5	256QAM	12	7	17.71	17.82	17.76		
5	256QAM	12	13	17.80	17.88	17.81		
5	256QAM	25	0	17.65	17.61	17.72		

Band 17 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.50	22.66	22.62	24	0
10	QPSK	1	49	22.42	22.64	22.51		
10	QPSK	1	49	22.37	22.47	22.57		
10	QPSK	25	0	21.56	21.66	21.64		
10	QPSK	25	12	21.37	21.50	21.55	23	1
10	QPSK	25	25	21.54	21.43	21.59		
10	QPSK	50	0	21.53	21.62	21.59		
10	16QAM	1	0	21.43	21.41	21.60		
10	16QAM	1	25	21.49	21.58	21.58	23	1
10	16QAM	1	49	21.45	21.52	21.61		
10	16QAM	25	0	20.69	20.63	20.48		
10	16QAM	25	12	20.66	20.53	20.63	22	2
10	16QAM	25	25	20.63	20.48	20.70		
10	16QAM	50	0	20.47	20.58	20.47		
10	64QAM	1	0	20.56	20.66	20.49		
10	64QAM	1	25	20.56	20.51	20.47	22	2
10	64QAM	1	49	20.47	20.55	20.48		
10	64QAM	25	0	19.41	19.36	19.53		
10	64QAM	25	12	19.39	19.47	19.49	21	3
10	64QAM	25	25	19.39	19.46	19.45		
10	64QAM	50	0	19.38	19.50	19.49		
10	256QAM	1	0	17.44	17.42	17.40		
10	256QAM	1	25	17.39	17.37	17.44	19	5
10	256QAM	1	49	17.47	17.48	17.46		
10	256QAM	25	0	17.55	17.32	17.50		
10	256QAM	25	12	17.43	17.34	17.41	19	5
10	256QAM	25	25	17.38	17.55	17.41		
10	256QAM	50	0	17.50	17.56	17.41		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.32	22.53	22.50	24	0
5	QPSK	1	12	22.31	22.50	22.30		
5	QPSK	1	24	22.23	22.34	22.36		
5	QPSK	12	0	21.39	21.47	21.60		
5	QPSK	12	7	21.24	21.37	21.45	23	1
5	QPSK	12	13	21.48	21.22	21.47		
5	QPSK	25	0	21.35	21.44	21.48		
5	16QAM	1	0	21.37	21.26	21.46		
5	16QAM	1	12	21.40	21.42	21.54	23	1
5	16QAM	1	24	21.26	21.43	21.57		
5	16QAM	12	0	20.54	20.53	20.37		
5	16QAM	12	7	20.60	20.46	20.49	22	2
5	16QAM	12	13	20.44	20.29	20.48		
5	16QAM	25	0	20.27	20.52	20.34		
5	64QAM	1	0	20.42	20.45	20.31		
5	64QAM	1	12	20.50	20.34	20.27	22	2
5	64QAM	1	24	20.41	20.42	20.39		
5	64QAM	12	0	19.20	19.20	19.45		
5	64QAM	12	7	19.17	19.32	19.37	21	3
5	64QAM	12	13	19.17	19.29	19.34		
5	64QAM	25	0	19.18	19.36	19.40		
5	256QAM	1	0	17.37	17.32	17.23		
5	256QAM	1	12	17.28	17.29	17.38	19	5
5	256QAM	1	24	17.34	17.41	17.26		
5	256QAM	12	0	17.46	17.23	17.40		
5	256QAM	12	7	17.29	17.13	17.20	19	5
5	256QAM	12	13	17.33	17.47	17.34		
5	256QAM	25	0	17.37	17.40	17.33		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.25	22.32	22.31	23.5	0
15	QPSK	1	37	22.21	22.29	22.19		
15	QPSK	1	74	22.21	22.24	22.14		
15	QPSK	36	0	21.49	21.54	21.51	23	0.5
15	QPSK	36	20	21.46	21.38	21.48		
15	QPSK	36	39	21.36	21.51	21.40		
15	QPSK	75	0	21.37	21.51	21.46		
15	16QAM	1	0	21.38	21.45	21.49	23	0.5
15	16QAM	1	37	21.49	21.42	21.37		
15	16QAM	1	74	21.33	21.38	21.53		
15	16QAM	36	0	20.52	20.46	20.44	22	1.5
15	16QAM	36	20	20.40	20.41	20.52		
15	16QAM	36	39	20.33	20.49	20.46		
15	16QAM	75	0	20.49	20.50	20.49		
15	64QAM	1	0	20.55	20.54	20.37	22	1.5
15	64QAM	1	37	20.42	20.47	20.31		
15	64QAM	1	74	20.37	20.31	20.40		
15	64QAM	36	0	19.38	19.35	19.45	21	2.5
15	64QAM	36	20	19.45	19.28	19.40		
15	64QAM	36	39	19.37	19.33	19.43		
15	64QAM	75	0	19.28	19.29	19.48		
15	256QAM	1	0	17.34	17.32	17.33	19	4.5
15	256QAM	1	37	17.53	17.41	17.55		
15	256QAM	1	74	17.45	17.37	17.41		
15	256QAM	36	0	17.49	17.37	17.37	19	4.5
15	256QAM	36	20	17.53	17.34	17.38		
15	256QAM	36	39	17.31	17.52	17.45		
15	256QAM	75	0	17.45	17.47	17.54		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.22	22.16	22.29	23.5	0
10	QPSK	1	25	22.03	22.03	22.17		
10	QPSK	1	49	22.11	22.08	22.06		
10	QPSK	25	0	21.44	21.50	21.42	23	0.5
10	QPSK	25	12	21.37	21.19	21.37		
10	QPSK	25	25	21.27	21.32	21.30		
10	QPSK	50	0	21.17	21.44	21.35		
10	16QAM	1	0	21.29	21.25	21.34	23	0.5
10	16QAM	1	25	21.41	21.30	21.29		
10	16QAM	1	49	21.20	21.34	21.41		
10	16QAM	25	0	20.47	20.33	20.29	22	1.5
10	16QAM	25	12	20.29	20.27	20.38		
10	16QAM	25	25	20.11	20.40	20.33		
10	16QAM	50	0	20.44	20.38	20.34		
10	64QAM	1	0	20.42	20.49	20.19	22	1.5
10	64QAM	1	25	20.36	20.42	20.18		
10	64QAM	1	49	20.30	20.20	20.23		
10	64QAM	25	0	19.20	19.22	19.24	21	2.5
10	64QAM	25	12	19.36	19.18	19.20		
10	64QAM	25	25	19.33	19.12	19.32		
10	64QAM	50	0	19.12	19.21	19.36		
10	256QAM	1	0	17.19	17.19	17.12	19	4.5
10	256QAM	1	25	17.43	17.33	17.35		
10	256QAM	1	49	17.26	17.28	17.20		
10	256QAM	25	0	17.44	17.31	17.28	19	4.5
10	256QAM	25	12	17.44	17.18	17.19		
10	256QAM	25	25	17.18	17.37	17.34		
10	256QAM	50	0	17.32	17.27	17.43		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.24	22.30	22.27	23.5	0
5	QPSK	1	12	22.05	22.23	22.01		
5	QPSK	1	24	22.09	22.13	22.12		
5	QPSK	12	0	21.30	21.45	21.42	23	0.5
5	QPSK	12	7	21.30	21.25	21.33		
5	QPSK	12	13	21.22	21.35	21.29		
5	QPSK	25	0	21.28	21.47	21.36		
5	16QAM	1	0	21.25	21.34	21.31	23	0.5
5	16QAM	1	12	21.29	21.23	21.32		
5	16QAM	1	24	21.25	21.31	21.44		
5	16QAM	12	0	20.34	20.38	20.33	22	1.5
5	16QAM	12	7	20.19	20.29	20.35		
5	16QAM	12	13	20.19	20.38	20.41		
5	16QAM	25	0	20.33	20.40	20.45		
5	64QAM	1	0	20.35	20.44	20.24	22	1.5
5	64QAM	1	12	20.24	20.35	20.11		
5	64QAM	1	24	20.16	20.24	20.30		
5	64QAM	12	0	19.16	19.19	19.31	21	2.5
5	64QAM	12	7	19.38	19.10	19.31		
5	64QAM	12	13	19.29	19.25	19.37		
5	64QAM	25	0	19.21	19.10	19.38		
5	256QAM	1	0	17.26	17.26	17.16	19	4.5
5	256QAM	1	12	17.32	17.30	17.38		
5	256QAM	1	24	17.27	17.24	17.26		
5	256QAM	12	0	17.34	17.18	17.26	19	4.5
5	256QAM	12	7	17.45	17.27	17.22		
5	256QAM	12	13	17.21	17.31	17.39		
5	256QAM	25	0	17.33	17.26	17.41		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.12	22.30	22.12	23.5	0
3	QPSK	1	8	22.03	22.27	22.05		
3	QPSK	1	14	22.19	22.18	22.02		
3	QPSK	8	0	21.36	21.36	21.46	23	0.5
3	QPSK	8	4	21.40	21.17	21.38		
3	QPSK	8	7	21.25	21.29	21.30		
3	QPSK	15	0	21.32	21.34	21.38		
3	16QAM	1	0	21.19	21.26	21.43	23	0.5
3	16QAM	1	8	21.36	21.36	21.18		
3	16QAM	1	14	21.17	21.24	21.32		
3	16QAM	8	0	20.42	20.35	20.28	22	1.5
3	16QAM	8	4	20.28	20.36	20.44		
3	16QAM	8	7	20.16	20.40	20.31		
3	16QAM	15	0	20.32	20.46	20.43		
3	64QAM	1	0	20.50	20.42	20.27	22	1.5
3	64QAM	1	8	20.34	20.34	20.18		
3	64QAM	1	14	20.23	20.18	20.34		
3	64QAM	8	0	19.29	19.30	19.33	21	2.5
3	64QAM	8	4	19.29	19.24	19.21		
3	64QAM	8	7	19.28	19.21	19.30		
3	64QAM	15	0	19.12	19.09	19.29		
3	256QAM	1	0	17.14	17.11	17.22	19	4.5
3	256QAM	1	8	17.32	17.32	17.47		
3	256QAM	1	14	17.33	17.17	17.32		
3	256QAM	8	0	17.29	17.25	17.16	19	4.5
3	256QAM	8	4	17.43	17.22	17.24		
3	256QAM	8	7	17.09	17.44	17.39		
3	256QAM	15	0	17.26	17.34	17.33		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.16	22.23	22.13	23.5	0
1.4	QPSK	1	3	22.03	22.12	22.17		
1.4	QPSK	1	5	22.10	22.19	21.99		
1.4	QPSK	3	0	22.05	22.21	22.06		
1.4	QPSK	3	1	22.08	22.03	22.10		
1.4	QPSK	3	3	21.96	22.11	22.09		
1.4	QPSK	6	0	21.20	21.33	21.40	23	0.5
1.4	16QAM	1	0	21.33	21.36	21.34	23	0.5
1.4	16QAM	1	3	21.32	21.22	21.29		
1.4	16QAM	1	5	21.15	21.30	21.41		
1.4	16QAM	3	0	21.44	21.37	21.46		
1.4	16QAM	3	1	21.24	21.18	21.29		
1.4	16QAM	3	3	21.31	21.45	21.31		
1.4	16QAM	6	0	20.36	20.43	20.41	22	1.5
1.4	64QAM	1	0	20.42	20.45	20.17	22	1.5
1.4	64QAM	1	3	20.21	20.42	20.25		
1.4	64QAM	1	5	20.28	20.24	20.27		
1.4	64QAM	3	0	20.42	20.41	20.23		
1.4	64QAM	3	1	20.34	20.35	20.30		
1.4	64QAM	3	3	20.17	20.44	20.28		
1.4	64QAM	6	0	19.18	19.19	19.39	21	2.5
1.4	256QAM	1	0	17.16	17.25	17.26	19	4.5
1.4	256QAM	1	3	17.42	17.20	17.49		
1.4	256QAM	1	5	17.33	17.29	17.30		
1.4	256QAM	3	0	17.37	17.23	17.24		
1.4	256QAM	3	1	17.48	17.15	17.20		
1.4	256QAM	3	3	17.09	17.38	17.30		
1.4	256QAM	6	0	17.32	17.28	17.42	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	15.49	15.51	15.37	17.1	0
20	QPSK	1	49	15.46	15.47	15.32		
20	QPSK	1	99	15.41	15.39	15.45		
20	QPSK	50	0	15.38	15.45	15.29		
20	QPSK	50	24	15.34	15.39	15.25		
20	QPSK	50	50	15.37	15.24	15.38		
20	QPSK	100	0	15.39	15.41	15.33		
20	16QAM	1	0	15.38	15.40	15.22		
20	16QAM	1	49	15.30	15.21	15.29	17.1	0
20	16QAM	1	99	15.30	15.38	15.27		
20	16QAM	50	0	15.33	15.40	15.27		
20	16QAM	50	24	15.37	15.36	15.36	17.1	0
20	16QAM	50	50	15.48	15.37	15.35		
20	16QAM	100	0	15.44	15.37	15.29		
20	64QAM	1	0	15.29	15.31	15.27		
20	64QAM	1	49	15.32	15.33	15.20	17.1	0
20	64QAM	1	99	15.30	15.38	15.18		
20	64QAM	50	0	15.25	15.27	15.43		
20	64QAM	50	24	15.47	15.37	15.33	17.1	0
20	64QAM	50	50	15.35	15.39	15.20		
20	64QAM	100	0	15.27	15.25	15.28		
20	256QAM	1	0	15.32	15.47	15.20		
20	256QAM	1	49	15.38	15.41	15.17	17.1	0
20	256QAM	1	99	15.34	15.23	15.39		
20	256QAM	50	0	15.39	15.44	15.21		
20	256QAM	50	24	15.44	15.44	15.29	17.1	0
20	256QAM	50	50	15.28	15.42	15.18		
20	256QAM	100	0	15.26	15.23	15.41		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.42	15.42	15.24	17.1	0
15	QPSK	1	37	15.27	15.34	15.23		
15	QPSK	1	74	15.25	15.30	15.28		
15	QPSK	36	0	15.31	15.41	15.14		
15	QPSK	36	20	15.19	15.22	15.19		
15	QPSK	36	39	15.27	15.13	15.35		
15	QPSK	75	0	15.26	15.35	15.19		
15	16QAM	1	0	15.31	15.35	15.43		
15	16QAM	1	37	15.40	15.31	15.27	17.1	0
15	16QAM	1	74	15.31	15.33	15.20		
15	16QAM	36	0	15.29	15.32	15.21		
15	16QAM	36	20	15.19	15.31	15.33	17.1	0
15	16QAM	36	39	15.39	15.33	15.28		
15	16QAM	75	0	15.43	15.19	15.22		
15	64QAM	1	0	15.11	15.19	15.28		
15	64QAM	1	37	15.28	15.19	15.42	17.1	0
15	64QAM	1	74	15.18	15.22	15.26		
15	64QAM	36	0	15.17	15.15	15.33		
15	64QAM	36	20	15.44	15.22	15.23	17.1	0
15	64QAM	36	39	15.18	15.22	15.34		
15	64QAM	75	0	15.22	15.14	15.14		
15	256QAM	1	0	15.27	15.36	15.12	17.1	0
15	256QAM	1	37	15.28	15.24	15.30		
15	256QAM	1	74	15.30	15.34	15.33		
15	256QAM	36	0	15.37	15.27	15.29		
15	256QAM	36	20	15.35	15.37	15.19	17.1	0
15	256QAM	36	39	15.16	15.35	15.14		
15	256QAM	75	0	15.23	15.12	15.38		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.38	15.48	15.19	17.1	0
10	QPSK	1	25	15.43	15.30	15.14		
10	QPSK	1	49	15.34	15.32	15.43		
10	QPSK	25	0	15.23	15.37	15.24		
10	QPSK	25	12	15.16	15.38	15.14		
10	QPSK	25	25	15.19	15.21	15.24		
10	QPSK	50	0	15.20	15.38	15.22		
10	16QAM	1	0	15.25	15.37	15.29		
10	16QAM	1	25	15.28	15.11	15.21		
10	16QAM	1	49	15.20	15.26	15.15		
10	16QAM	25	0	15.25	15.32	15.26		
10	16QAM	25	12	15.20	15.35	15.33		
10	16QAM	25	25	15.38	15.21	15.20		
10	16QAM	50	0	15.40	15.27	15.16		
10	64QAM	1	0	15.19	15.23	15.16		
10	64QAM	1	25	15.25	15.15	15.18		
10	64QAM	1	49	15.23	15.33	15.28		
10	64QAM	25	0	15.21	15.17	15.29		
10	64QAM	25	12	15.39	15.34	15.27		
10	64QAM	25	25	15.20	15.36	15.31		
10	64QAM	50	0	15.17	15.11	15.11		
10	256QAM	1	0	15.24	15.32	15.15		
10	256QAM	1	25	15.34	15.36	15.28	17.1	0
10	256QAM	1	49	15.16	15.22	15.21		
10	256QAM	25	0	15.33	15.35	15.30		
10	256QAM	25	12	15.34	15.31	15.22		
10	256QAM	25	25	15.16	15.32	15.10		
10	256QAM	50	0	15.43	15.14	15.26		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.45	15.37	15.32	17.1	0
5	QPSK	1	12	15.27	15.41	15.16		
5	QPSK	1	24	15.38	15.35	15.32		
5	QPSK	12	0	15.32	15.36	15.12		
5	QPSK	12	7	15.16	15.37	15.15		
5	QPSK	12	13	15.31	15.30	15.31		
5	QPSK	25	0	15.32	15.35	15.26		
5	16QAM	1	0	15.23	15.38	15.18		
5	16QAM	1	12	15.19	15.17	15.13		
5	16QAM	1	24	15.20	15.25	15.24		
5	16QAM	12	0	15.31	15.24	15.19		
5	16QAM	12	7	15.28	15.35	15.22		
5	16QAM	12	13	15.39	15.19	15.30		
5	16QAM	25	0	15.26	15.33	15.23		
5	64QAM	1	0	15.20	15.27	15.17		
5	64QAM	1	12	15.26	15.15	15.15		
5	64QAM	1	24	15.27	15.21	15.31		
5	64QAM	12	0	15.14	15.24	15.40		
5	64QAM	12	7	15.38	15.35	15.30		
5	64QAM	12	13	15.28	15.29	15.43		
5	64QAM	25	0	15.15	15.13	15.11		
5	256QAM	1	0	15.16	15.31	15.28		
5	256QAM	1	12	15.37	15.23	15.13	17.1	0
5	256QAM	1	24	15.17	15.19	15.37		
5	256QAM	12	0	15.30	15.38	15.17		
5	256QAM	12	7	15.26	15.35	15.19	17.1	0
5	256QAM	12	13	15.12	15.37	15.29		
5	256QAM	25	0	15.15	15.37	15.38		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.35	15.38	15.19	17.1	0
3	QPSK	1	8	15.34	15.37	15.24		
3	QPSK	1	14	15.30	15.37	15.33		
3	QPSK	8	0	15.20	15.33	15.17		
3	QPSK	8	4	15.18	15.23	15.24		
3	QPSK	8	7	15.22	15.22	15.25		
3	QPSK	15	0	15.25	15.33	15.24		
3	16QAM	1	0	15.32	15.24	15.10	17.1	0
3	16QAM	1	8	15.17	15.27	15.20		
3	16QAM	1	14	15.24	15.21	15.17		
3	16QAM	8	0	15.16	15.32	15.16	17.1	0
3	16QAM	8	4	15.26	15.25	15.28		
3	16QAM	8	7	15.34	15.27	15.19		
3	16QAM	15	0	15.42	15.26	15.25		
3	64QAM	1	0	15.15	15.19	15.14	17.1	0
3	64QAM	1	8	15.21	15.17	15.27		
3	64QAM	1	14	15.14	15.36	15.27		
3	64QAM	8	0	15.27	15.24	15.26	17.1	0
3	64QAM	8	4	15.37	15.34	15.15		
3	64QAM	8	7	15.31	15.29	15.18		
3	64QAM	15	0	15.12	15.18	15.16		
3	256QAM	1	0	15.18	15.43	15.13	17.1	0
3	256QAM	1	8	15.22	15.24	15.39		
3	256QAM	1	14	15.17	15.31	15.20		
3	256QAM	8	0	15.24	15.34	15.15	17.1	0
3	256QAM	8	4	15.25	15.35	15.20		
3	256QAM	8	7	15.23	15.29	15.15		
3	256QAM	15	0	15.34	15.19	15.36		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.42	15.39	15.19	17.1	0
1.4	QPSK	1	3	15.41	15.44	15.15		
1.4	QPSK	1	5	15.23	15.29	15.31		
1.4	QPSK	3	0	15.20	15.32	15.19		
1.4	QPSK	3	1	15.28	15.23	15.13		
1.4	QPSK	3	3	15.24	15.35	15.32		
1.4	QPSK	6	0	15.31	15.36	15.27	17.1	0
1.4	16QAM	1	0	15.36	15.26	15.32	17.1	0
1.4	16QAM	1	3	15.22	15.11	15.23		
1.4	16QAM	1	5	15.24	15.26	15.22		
1.4	16QAM	3	0	15.15	15.26	15.22		
1.4	16QAM	3	1	15.30	15.20	15.30		
1.4	16QAM	3	3	15.43	15.30	15.32		
1.4	16QAM	6	0	15.39	15.21	15.27	17.1	0
1.4

Band 38 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.95	19.06	19.01	20.3	0
20	QPSK	1	49	18.97	18.97	18.96		
20	QPSK	1	99	18.99	18.94	19.03		
20	QPSK	50	0	18.86	19.04	18.95	20.3	0
20	QPSK	50	24	18.90	18.84	18.89		
20	QPSK	50	50	18.90	18.80	18.91		
20	QPSK	100	0	18.80	19.03	18.99		
20	16QAM	1	0	18.93	18.94	18.80	20.3	0
20	16QAM	1	49	18.89	18.80	18.90		
20	16QAM	1	99	18.92	19.04	18.94		
20	16QAM	50	0	18.93	18.79	18.90	20.3	0
20	16QAM	50	24	18.92	18.75	18.94		
20	16QAM	50	50	18.92	19.04	18.90		
20	16QAM	100	0	18.94	18.80	18.85		
20	64QAM	1	0	18.89	18.80	18.86	20.3	0
20	64QAM	1	49	18.93	19.02	18.83		
20	64QAM	1	99	18.89	18.83	18.86		
20	64QAM	50	0	18.93	18.92	18.86	20.3	0
20	64QAM	50	24	18.81	19.04	18.85		
20	64QAM	50	50	18.81	18.82	18.78		
20	64QAM	100	0	18.91	18.90	18.96		
20	256QAM	1	0	17.49	17.40	17.49	19	1.3
20	256QAM	1	49	17.42	17.30	17.42		
20	256QAM	1	99	17.35	17.62	17.33		
20	256QAM	50	0	17.51	17.53	17.48	19	1.3
20	256QAM	50	24	17.51	17.49	17.39		
20	256QAM	50	50	17.23	17.44	17.44		
20	256QAM	100	0	17.53	17.50	17.37		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.89	18.92	18.92	20.3	0
15	QPSK	1	37	18.87	18.81	18.78		
15	QPSK	1	74	18.83	18.76	18.98		
15	QPSK	36	0	18.72	18.87	18.89	20.3	0
15	QPSK	36	20	18.78	18.68	18.71		
15	QPSK	36	39	18.79	18.71	18.77		
15	QPSK	75	0	18.68	18.93	18.88		
15	16QAM	1	0	18.86	18.82	18.64	20.3	0
15	16QAM	1	37	18.87	18.77	18.88		
15	16QAM	1	74	18.88	18.98	18.80		
15	16QAM	36	0	18.78	18.77	18.87	20.3	0
15	16QAM	36	20	18.83	18.73	18.81		
15	16QAM	36	39	18.86	18.88	18.82		
15	16QAM	75	0	18.88	18.66	18.79		
15	64QAM	1	0	18.73	18.68	18.75	20.3	0
15	64QAM	1	37	18.92	18.95	18.69		
15	64QAM	1	74	18.82	18.74	18.76		
15	64QAM	36	0	18.76	18.83	18.67	20.3	0
15	64QAM	36	20	18.75	18.87	18.68		
15	64QAM	36	39	18.63	18.66	18.69		
15	64QAM	75	0	18.83	18.89	18.79		
15	256QAM	1	0	17.28	17.33	17.51	19	1.3
15	256QAM	1	37	17.41	17.22	17.44		
15	256QAM	1	74	17.21	17.48	17.14		
15	256QAM	36	0	17.41	17.50	17.43	19	1.3
15	256QAM	36	20	17.32	17.45	17.36		
15	256QAM	36	39	17.13	17.32	17.36		
15	256QAM	75	0	17.41	17.29	17.26		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.89	19.05	18.91	20.3	0
10	QPSK	1	25	18.79	18.86	18.83		
10	QPSK	1	49	18.88	18.88	18.92		
10	QPSK	25	0	18.79	18.99	18.77	20.3	0
10	QPSK	25	12	18.81	18.77	18.81		
10	QPSK	25	25	18.81	18.75	18.76		
10	QPSK	50	0	18.61	18.89	18.83		
10	16QAM	1	0	18.82	18.80	18.78	20.3	0
10	16QAM	1	25	18.88	18.63	18.84		
10	16QAM	1	49	18.77	18.91	18.86		
10	16QAM	25	0	18.80	18.73	18.82	20.3	0
10	16QAM	25	12	18.83	18.56	18.81		
10	16QAM	25	25	18.79	19.01	18.88		
10	16QAM	50	0	18.80	18.71	18.72		
10	64QAM	1	0	18.72	18.81	18.74	20.3	0
10	64QAM	1	25	18.81	18.95	18.66		
10	64QAM	1	49	18.84	18.77	18.69		
10	64QAM	25	0	18.76	18.77	18.80	20.3	0
10	64QAM	25	12	18.65	18.86	18.76		
10	64QAM	25	25	18.65	18.67	18.59		
10	64QAM	50	0	18.72	18.76	18.83		
10	256QAM	1	0	17.33	17.20	17.51	19	1.3
10	256QAM	1	25	17.33	17.20	17.31		
10	256QAM	1	49	17.32	17.61	17.32		
10	256QAM	25	0	17.49	17.50	17.47	19	1.3
10	256QAM	25	12	17.49	17.44	17.32		
10	256QAM	25	25	17.19	17.32	17.32		
10	256QAM	50	0	17.50	17.39	17.16		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.81	18.98	18.94	20.3	0
5	QPSK	1	12	18.96	18.85	18.84		
5	QPSK	1	24	18.89	18.91	18.87		
5	QPSK	12	0	18.74	18.92	18.91	20.3	0
5	QPSK	12	7	18.77	18.76	18.86		
5	QPSK	12	13	18.73	18.73	18.82		
5	QPSK	25	0	18.70	18.89	18.91		
5	16QAM	1	0	18.83	18.79	18.74	20.3	0
5	16QAM	1	12	18.78	18.77	18.79		
5	16QAM	1	24	18.89	18.91	18.76		
5	16QAM	12	0	18.82	18.72	18.83	20.3	0
5	16QAM	12	7	18.81	18.57	18.83		
5	16QAM	12	13	18.91	18.90	18.82		
5	16QAM	25	0	18.75	18.71	18.66		
5	64QAM	1	0	18.77	18.71	18.78	20.3	0
5	64QAM	1	12	18.83	18.94	18.79		
5	64QAM	1	24	18.72	18.80	18.71		
5	64QAM	12	0	18.90	18.82	18.70	20.3	0
5	64QAM	12	7	18.63	18.86	18.66		
5	64QAM	12	13	18.64	18.78	18.73		
5	64QAM	25	0	18.87	18.80	18.88		
5	256QAM	1	0	17.48	17.37	17.33	19	1.3
5	256QAM	1	12	17.34	17.31	17.34		
5	256QAM	1	24	17.15	17.58	17.29		
5	256QAM	12	0	17.48	17.46	17.36	19	1.3
5	256QAM	12	7	17.48	17.46	17.22		
5	256QAM	12	13	17.12	17.27	17.25		
5	256QAM	25	0	17.48	17.46	17.19		

Band 41 Ant 1

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	20.31	20.07	20.34	20.02	20.32	21.3	0
20	QPSK	1	49	20.31	20.11	20.28	19.93	20.05		
20	QPSK	1	99	20.26	20.08	20.30	20.00	20.12		
20	QPSK	50	0	20.12	19.92	20.30	19.84	20.25	21.3	0
20	QPSK	50	24	20.26	19.94	20.14	19.83	20.03		
20	QPSK	50	50	20.11	19.89	20.27	19.99	20.03		
20	QPSK	100	0	20.12	19.95	20.22	19.97	20.14		
20	16QAM	1	0	20.25	20.06	20.16	19.85	20.22	21.3	0
20	16QAM	1	49	20.17	20.09	20.16	19.80	19.88		
20	16QAM	1	99	20.17	20.02	20.21	19.88	20.01		
20	16QAM	50	0	19.81	19.72	19.86	19.48	19.82	21	0.3
20	16QAM	50	24	19.79	19.50	19.86	19.44	19.88		
20	16QAM	50	50	19.85	19.62	19.90	19.70	19.93		
20	16QAM	100	0	19.77	19.58	19.77	19.56	19.87		
20	64QAM	1	0	19.79	19.45	19.72	19.72	19.61	21	0.3
20	64QAM	1	49	19.81	19.61	19.78	19.67	19.63		
20	64QAM	1	99	19.57	19.46	19.67	19.51	19.71		
20	64QAM	50	0	18.50	18.20	18.62	18.15	18.45	20	1.3
20	64QAM	50	24	18.43	18.18	18.61	18.25	18.51		
20	64QAM	50	50	18.39	18.15	18.48	18.17	18.49		
20	64QAM	100	0	18.53	18.20	18.61	18.16	18.44		
20	256QAM	1	0	16.44	16.22	16.51	16.24	16.54	18	3.3
20	256QAM	1	49	16.53	16.16	16.56	16.21	16.59		
20	256QAM	1	99	16.49	16.11	16.56	16.23	16.60		
20	256QAM	50	0	16.38	16.16	16.58	16.20	16.50	18	3.3
20	256QAM	50	24	16.38	16.21	16.60	16.22	16.55		
20	256QAM	50	50	16.37	16.22	16.53	16.15	16.42		
20	256QAM	100	0	16.52	16.18	16.45	16.17	16.60		
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	20.18	19.98	20.21	20.01	20.29	21.30	0
15	QPSK	1	37	20.12	20.04	20.27	19.81	19.96		
15	QPSK	1	74	20.10	19.94	20.23	19.91	20.04		
15	QPSK	36	0	19.94	19.91	20.16	19.76	20.10	21.3	0
15	QPSK	36	20	20.08	19.77	20.00	19.71	19.97		
15	QPSK	36	39	20.07	19.78	20.11	19.90	19.94		
15	QPSK	75	0	20.00	19.90	20.16	19.91	19.99		
15	16QAM	1	0	20.14	19.92	20.13	19.78	20.05	21.3	0
15	16QAM	1	37	20.13	20.04	20.04	19.64	19.81		
15	16QAM	1	74	19.99	19.95	20.13	19.84	19.90		
15	16QAM	36	0	19.36	19.19	19.27	19.09	19.47	21	0.3
15	16QAM	36	20	19.48	19.09	19.48	19.08	19.38		
15	16QAM	36	39	19.24	19.00	19.44	19.00	19.45		
15	16QAM	75	0	19.25	19.05	19.38	19.01	19.34		
15	64QAM	1	0	19.31	19.12	19.45	19.14	19.30	21	0.3
15	64QAM	1	37	19.44	19.36	19.60	19.12	19.31		
15	64QAM	1	74	19.43	19.19	19.42	19.19	19.48		
15	64QAM	36	0	18.34	18.13	18.58	18.19	18.29	20	1.3
15	64QAM	36	20	18.29	18.16	18.47	18.11	18.33		
15	64QAM	36	39	18.37	18.15	18.39	18.14	18.36		
15	64QAM	75	0	18.38	18.20	18.50	18.10	18.43		
15	256QAM	1	0	16.44	16.07	16.42	16.24	16.49	18	3.3
15	256QAM	1	37	16.42	16.14	16.51	16.15	16.57		
15	256QAM	1	74	16.41	16.20	16.38	16.22	16.50		
15	256QAM	36	0	16.22	16.15	16.51	16.08	16.40	18	3.3
15	256QAM	36	20	16.32	16.15	16.54	16.16	16.39		
15	256QAM	36	39	16.19	16.12	16.46	16.10	16.31		
15	256QAM	75	0	16.36	16.09	16.45	16.09	16.53		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.17	20.03	20.29	19.96	20.26	21.30	0
10	QPSK	1	25	20.27	20.04	20.26	19.89	19.99		
10	QPSK	1	49	20.08	20.02	20.14	19.98	19.98		
10	QPSK	25	0	20.03	19.80	20.21	19.83	20.22	21.3	0
10	QPSK	25	12	20.12	19.87	19.99	19.74	19.87		
10	QPSK	25	25	19.98	19.75	20.17	19.92	19.95		
10	QPSK	50	0	20.01	19.84	20.16	19.81	20.03		
10	16QAM	1	0	20.14	20.03	20.14	19.83	20.05	21.3	0
10	16QAM	1	25	20.01	20.02	20.13	19.71	19.71		
10	16QAM	1	49	20.10	19.93	20.13	19.77	20.00		
10	16QAM	25	0	19.61	19.51	19.67	19.46	19.71	21	0.3
10	16QAM	25	12	19.63	19.46	19.41	19.44	19.41		
10	16QAM	25	25	19.76	19.45	19.32	19.60	19.43		
10	16QAM	50	0	19.74	19.46	19.74	19.46	19.79		
10	64QAM	1	0	19.61	19.38	19.71	19.61	19.41	21	0.3
10	64QAM	1	25	19.36	19.62	19.63	19.57	19.60		
10	64QAM	1	49	19.44	19.39	19.46	19.31	19.51		
10	64QAM	25	0	18.38	18.42	18.59	18.36	18.51	20	1.3
10	64QAM	25	12	18.31	18.44	18.63	18.32	18.37		
10	64QAM	25	25	18.27	18.15	18.43	18.51	18.44		
10	64QAM	50	0	18.39	18.48	18.60	18.46	18.43		
10	256QAM	1	0	16.22	16.38	16.37	16.24	16.40	18	3.3
10	256QAM	1	25	16.31	16.45	16.54	16.19	16.58		
10	256QAM	1	49	16.47	16.10	16.52	16.48	16.52		
10	256QAM	25	0	16.35	16.16	16.43	16.42	16.36	18	3.3
10	256QAM	25	12	16.31	16.32	16.44	16.34	16.48		
10	256QAM	25	25	16.31	16.35	16.53	16.37	16.30		
10	256QAM	50	0	16.31	16.13	16.36	16.05	16.43		
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	20.17	20.00	20.19	19.95	20.19	21.30	0
5	QPSK	1	12	20.13	20.04	20.26	19.84	19.94		
5	QPSK	1	24	20.22	20.05	20.15	19.90	20.09		
5	QPSK	12	0	19.93	19.84	20.15	19.72	20.20	21.3	0
5	QPSK	12	7	20.12	19.89	19.97	19.75	19.96		
5	QPSK	12	13	20.09	19.80	20.11	19.93	19.86		
5	QPSK	25	0	19.95	19.89	20.07	19.84	19.99		
5	16QAM	1	0	20.08	19.89	20.04	19.69	20.07	21.3	0
5	16QAM	1	12	19.99	19.95	19.98	19.69	19.80		
5	16QAM	1	24	20.01	19.94	20.11	19.71	19.88		
5	16QAM	12	0	19.57	19.51	19.50	19.41	19.73	21	0.3
5	16QAM	12	7	19.54	19.42	19.23	19.29	19.37		
5	16QAM	12	13	19.67	19.47	19.64	19.58	19.31		
5	16QAM	25	0	19.66	19.37	19.59	19.44	19.60		
5	64QAM	1	0	19.39	19.20	19.58	19.60	19.39	21	0.3
5	64QAM	1	12	19.16	19.62	19.50	19.59	19.55		
5	64QAM	1	24	19.43	19.27	19.33	19.27	19.51		
5	64QAM	12	0	18.25	18.25	18.54	18.14	18.32	20	1.3
5	64QAM	12	7	18.27	18.43	18.45	18.30	18.32		
5	64QAM	12	13	18.25	18.15	18.43	18.35	18.44		
5	64QAM	25	0	18.32	18.37	18.47	18.29	18.38		
5	256QAM	1	0	16.17	16.40	16.18	16.37	16.34	18	3.3
5	256QAM	1	12	16.16	16.34	16.53	16.22	16.43		
5	256QAM	1	24	16.37	16.14	16.35	16.40	16.43		
5	256QAM	12	0	16.17	16.14	16.32	16.27	16.31	18	3.3
5	256QAM	12	7	16.32	16.23	16.36	16.17	16.49		
5	256QAM	12	13	16.29	16.24	16.55	16.31	16.16		
5	256QAM	25	0	16.20	16.13	16.37	16.22	16.31		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.96	22.25	22.29	22.15	22.12	22.9	0
20	QPSK	1	49	21.87	22.12	22.20	22.07	22.01		
20	QPSK	1	99	21.88	22.12	22.23	22.08	22.05		
20	QPSK	50	0	21.85	22.08	22.21	22.10	22.00	22.9	0
20	QPSK	50	24	21.87	22.16	22.19	21.97	21.95		
20	QPSK	50	50	21.80	22.10	22.18	22.03	22.00		
20	QPSK	100	0	21.87	22.12	22.20	22.12	22.11		
20	16QAM	1	0	21.88	22.22	22.16	22.12	21.98	22.9	0
20	16QAM	1	49	21.87	22.15	22.23	22.10	22.08		
20	16QAM	1	99	21.90	22.21	22.23	22.08	21.99		
20	16QAM	50	0	21.88	22.09	22.25	22.11	22.04	22.9	0
20	16QAM	50	24	21.78	22.14	22.14	22.08	22.08		
20	16QAM	50	50	21.91	22.10	22.27	22.13	21.98		
20	16QAM	100	0	21.86	22.22	22.20	22.01	22.06		
20	64QAM	1	0	21.95	22.14	22.13	22.11	22.04	22.9	0
20	64QAM	1	49	21.81	22.15	22.11	21.98	22.06		
20	64QAM	1	99	21.83	22.16	22.17	22.06	22.04		
20	64QAM	50	0	21.85	22.07	22.10	22.08	22.07	22.9	0
20	64QAM	50	24	21.89	22.21	22.23	22.00	22.04		
20	64QAM	50	50	21.85	22.09	22.16	22.14	22.06		
20	64QAM	100	0	21.85	22.07	22.15	22.05	21.98		
20	256QAM	1	0	19.51	19.66	19.66	19.63	19.66	21	1.9
20	256QAM	1	49	19.58	19.70	19.82	19.79	19.79		
20	256QAM	1	99	19.62	19.76	19.88	19.80	19.85		
20	256QAM	50	0	19.66	19.70	19.75	19.65	19.76	21	1.9
20	256QAM	50	24	19.63	19.69	19.85	19.69	19.76		
20	256QAM	50	50	19.52	19.83	19.81	19.70	19.72		
20	256QAM	100	0	19.50	19.67	19.75	19.66	19.87		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.92	22.08	22.11	21.97	22.09	22.9	0
15	QPSK	1	37	21.73	22.08	22.10	21.95	21.92		
15	QPSK	1	74	21.84	22.07	22.16	22.00	22.00		
15	QPSK	36	0	21.80	22.02	22.18	21.97	21.81	22.9	0
15	QPSK	36	20	21.71	21.97	22.00	21.84	21.81		
15	QPSK	36	39	21.71	21.97	22.12	21.95	21.94		
15	QPSK	75	0	21.76	22.05	22.15	22.08	22.06		
15	16QAM	1	0	21.77	22.03	22.05	22.00	21.83	22.9	0
15	16QAM	1	37	21.84	22.02	22.21	22.07	22.00		
15	16QAM	1	74	21.86	22.06	22.20	22.03	21.92		
15	16QAM	36	0	21.84	22.10	22.27	22.10	21.97	22.9	0
15	16QAM	36	20	21.95	22.23	22.13	21.99	22.00		
15	16QAM	36	39	21.93	22.22	22.28	22.00	22.07		
15	16QAM	75	0	21.95	22.16	22.23	22.03	22.10		
15	64QAM	1	0	21.83	22.06	22.16	22.13	21.98	22.9	0
15	64QAM	1	37	21.90	22.14	22.20	22.00	22.07		
15	64QAM	1	74	21.78	22.13	22.17	22.02	22.01		
15	64QAM	36	0	21.68	22.06	21.98	21.96	21.90	22.9	0
15	64QAM	36	20	21.78	22.10	22.17	21.82	21.89		
15	64QAM	36	39	21.82	22.05	22.03	22.11	21.88		
15	64QAM	75	0	21.82	21.94	22.04	21.90	21.88		
15	256QAM	1	0	19.42	19.36	19.62	19.34	19.51	21	1.9
15	256QAM	1	37	19.53	19.45	19.74	19.59	19.71		
15	256QAM	1	74	19.58	19.55	19.79	19.64	19.74		
15	256QAM	36	0	19.60	19.47	19.54	19.47	19.59	21	1.9
15	256QAM	36	20	19.63	19.66	19.74	19.44	19.77		
15	256QAM	36	39	19.43	19.55	19.76	19.39	19.68		
15	256QAM	75	0	19.45	19.42	19.65	19.34	19.84		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.88	22.20	22.18	21.98	22.06	23	0
10	QPSK	1	25	21.73	22.07	22.07	21.98	21.99		
10	QPSK	1	49	21.74	21.94	22.21	22.03	22.01		
10	QPSK	25	0	21.71	22.06	22.14	22.01	21.86	22.9	0
10	QPSK	25	12	21.86	22.03	22.07	21.80	21.84		
10	QPSK	25	25	21.73	22.03	22.11	21.98	21.92		
10	QPSK	50	0	21.77	22.07	22.14	21.94	22.05		
10	16QAM	1	0	21.73	22.04	22.14	22.11	21.95	22.9	0
10	16QAM	1	25	21.82	22.10	22.05	21.98	22.04		
10	16QAM	1	49	21.74	22.11	22.21	22.02	21.97		
10	16QAM	25	0	21.77	22.07	22.15	22.05	21.93	22.9	0
10	16QAM	25	12	21.69	21.98	22.02	21.96	22.01		
10	16QAM	25	25	21.78	22.05	22.10	22.03	21.86		
10	16QAM	50	0	21.78	22.18	22.09	21.91	21.95		
10	64QAM	1	0	21.93	22.04	21.98	22

Band 42 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.47	22.56	22.42	24	0
20	QPSK	1	49	22.37	22.21	22.20		
20	QPSK	1	99	22.12	22.50	22.08		
20	QPSK	50	0	21.56	21.60	21.51	23	1
20	QPSK	50	24	21.51	21.47	21.34		
20	QPSK	50	50	21.43	21.53	21.36		
20	QPSK	100	0	21.34	21.45	21.31		
20	16QAM	1	0	21.31	21.68	21.36	23	1
20	16QAM	1	49	21.41	21.49	21.23		
20	16QAM	1	99	21.59	21.44	21.41		
20	16QAM	50	0	20.80	20.78	20.71	22	2
20	16QAM	50	24	20.65	20.66	20.56		
20	16QAM	50	50	20.47	20.69	20.68		
20	16QAM	100	0	20.69	20.63	20.65		
20	64QAM	1	0	20.69	20.51	20.52	22	2
20	64QAM	1	49	20.44	20.57	20.48		
20	64QAM	1	99	20.52	20.53	20.49		
20	64QAM	50	0	19.52	19.70	19.78	21	3
20	64QAM	50	24	19.52	19.62	19.62		
20	64QAM	50	50	19.55	19.78	19.56		
20	64QAM	100	0	19.60	19.66	19.50		
20	256QAM	1	0	17.76	17.66	17.74	19	5
20	256QAM	1	49	17.50	17.69	17.56		
20	256QAM	1	99	17.51	17.57	17.42		
20	256QAM	50	0	17.57	17.68	17.56	19	5
20	256QAM	50	24	17.42	17.57	17.43		
20	256QAM	50	50	17.54	17.57	17.49		
20	256QAM	100	0	17.51	17.52	17.45		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.29	22.44	22.28	24	0
15	QPSK	1	37	22.36	22.16	22.10		
15	QPSK	1	74	22.05	22.48	22.23		
15	QPSK	36	0	21.46	21.54	21.44	23	1
15	QPSK	36	20	21.32	21.38	21.34		
15	QPSK	36	39	21.37	21.48	21.17		
15	QPSK	75	0	21.15	21.36	21.19		
15	16QAM	1	0	21.14	21.60	21.36	23	1
15	16QAM	1	37	21.40	21.39	21.11		
15	16QAM	1	74	21.53	21.39	21.34		
15	16QAM	36	0	20.77	20.67	20.67	22	2
15	16QAM	36	20	20.49	20.56	20.43		
15	16QAM	36	39	20.44	20.66	20.52		
15	16QAM	75	0	20.68	20.43	20.60		
15	64QAM	1	0	20.64	20.47	20.45	22	2
15	64QAM	1	37	20.40	20.56	20.42		
15	64QAM	1	74	20.41	20.37	20.39		
15	64QAM	36	0	19.33	19.64	19.72	21	3
15	64QAM	36	20	19.48	19.46	19.43		
15	64QAM	36	39	19.50	19.67	19.47		
15	64QAM	75	0	19.44	19.48	19.46		
15	256QAM	1	0	17.61	17.54	17.58	19	5
15	256QAM	1	37	17.36	17.52	17.54		
15	256QAM	1	74	17.41	17.52	17.27		
15	256QAM	36	0	17.48	17.50	17.44	19	5
15	256QAM	36	20	17.24	17.41	17.25		
15	256QAM	36	39	17.47	17.39	17.31		
15	256QAM	75	0	17.41	17.48	17.27		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.32	22.55	22.26	24	0
10	QPSK	1	25	22.21	22.19	22.19		
10	QPSK	1	49	22.08	22.36	22.27		
10	QPSK	25	0	21.55	21.55	21.32	23	1
10	QPSK	25	12	21.37	21.44	21.33		
10	QPSK	25	25	21.36	21.39	21.33		
10	QPSK	50	0	21.23	21.35	21.19		
10	16QAM	1	0	21.21	21.57	21.25	23	1
10	16QAM	1	25	21.40	21.39	21.17		
10	16QAM	1	49	21.54	21.42	21.38		
10	16QAM	25	0	20.61	20.67	20.68	22	2
10	16QAM	25	12	20.57	20.63	20.47		
10	16QAM	25	25	20.31	20.69	20.57		
10	16QAM	50	0	20.67	20.44	20.63		
10	64QAM	1	0	20.52	20.42	20.50	22	2
10	64QAM	1	25	20.43	20.49	20.42		
10	64QAM	1	49	20.35	20.47	20.47		
10	64QAM	25	0	19.38	19.62	19.70	21	3
10	64QAM	25	12	19.48	19.45	19.58		
10	64QAM	25	25	19.55	19.64	19.54		
10	64QAM	50	0	19.51	19.52	19.46		
10	256QAM	1	0	17.68	17.59	17.59	19	5
10	256QAM	1	25	17.46	17.56	17.41		
10	256QAM	1	49	17.37	17.45	17.27		
10	256QAM	25	0	17.40	17.53	17.45	19	5
10	256QAM	25	12	17.27	17.42	17.32		
10	256QAM	25	25	17.46	17.38	17.48		
10	256QAM	50	0	17.42	17.49	17.37		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.38	22.40	22.42	24	0
5	QPSK	1	12	22.18	22.10	22.00		
5	QPSK	1	24	22.30	22.50	22.32		
5	QPSK	12	0	21.54	21.41	21.32	23	1
5	QPSK	12	7	21.35	21.43	21.19		
5	QPSK	12	13	21.26	21.50	21.23		
5	QPSK	25	0	21.31	21.44	21.23		
5	16QAM	1	0	21.28	21.63	21.22	23	1
5	16QAM	1	12	21.31	21.40	21.15		
5	16QAM	1	24	21.52	21.27	21.30		
5	16QAM	12	0	20.73	20.66	20.51	22	2
5	16QAM	12	7	20.63	20.62	20.52		
5	16QAM	12	13	20.28	20.65	20.55		
5	16QAM	25	0	20.59	20.49	20.61		
5	64QAM	1	0	20.50	20.41	20.50	22	2
5	64QAM	1	12	20.25	20.38	20.37		
5	64QAM	1	24	20.51	20.49	20.36		
5	64QAM	12	0	19.44	19.53	19.62	21	3
5	64QAM	12	7	19.48	19.56	19.45		
5	64QAM	12	13	19.43	19.74	19.46		
5	64QAM	25	0	19.42	19.47	19.35		
5	256QAM	1	0	17.61	17.58	17.73	19	5
5	256QAM	1	12	17.48	17.64	17.48		
5	256QAM	1	24	17.47	17.51	17.29		
5	256QAM	12	0	17.56	17.62	17.37	19	5
5	256QAM	12	7	17.41	17.41	17.29		
5	256QAM	12	13	17.43	17.41	17.43		
5	256QAM	25	0	17.37	17.34	17.33		

Band 42 Ant 4

BW [MHz]	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	19.75	19.87	19.79	20.6	0
20	QPSK	1	49	19.64	19.69	19.63		
20	QPSK	1	99	19.60	19.77	19.67		
20	QPSK	50	0	19.60	19.84	19.68	20.6	0
20	QPSK	50	24	19.66	19.83	19.65		
20	QPSK	50	50	19.62	19.72	19.75		
20	QPSK	100	0	19.57	19.71	19.66		
20	16QAM	1	0	19.73	19.81	19.62	20.6	0
20	16QAM	1	49	19.69	19.73	19.78		
20	16QAM	1	99	19.60	19.84	19.70		
20	16QAM	50	0	19.62	19.72	19.69	20.6	0
20	16QAM	50	24	19.70	19.86	19.71		
20	16QAM	50	50	19.69	19.72	19.76		
20	16QAM	100	0	19.56	19.77	19.74		
20	64QAM	1	0	19.57	19.81	19.70	20.6	0
20	64QAM	1	49	19.74	19.81	19.61		
20	64QAM	1	99	19.73	19.81	19.69		
20	64QAM	50	0	19.56	19.73	19.67	20.6	0
20	64QAM	50	24	19.74	19.80	19.61		
20	64QAM	50	50	19.70	19.80	19.72		
20	64QAM	100	0	19.73	19.85	19.63		
20	256QAM	1	0	18.06	18.07	17.97	19	1.6
20	256QAM	1	49	17.83	17.95	18.14		
20	256QAM	1	99	18.08	17.97	18.00		
20	256QAM	50	0	17.98	18.03	17.99	19	1.6
20	256QAM	50	24	18.11	18.06	17.99		
20	256QAM	50	50	18.05	17.98	18.08		
20	256QAM	100	0	17.96	17.94	17.93		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.67	19.82	19.72	20.6	0
15	QPSK	1	37	19.46	19.63	19.60		
15	QPSK	1	74	19.49	19.66	19.56		
15	QPSK	36	0	19.46	19.72	19.57	20.6	0
15	QPSK	36	20	19.62	19.78	19.50		
15	QPSK	36	39	19.52	19.53	19.59		
15	QPSK	75	0	19.52	19.68	19.53		
15	16QAM	1	0	19.71	19.66	19.51	20.6	0
15	16QAM	1	37	19.68	19.61	19.72		
15	16QAM	1	74	19.49	19.75	19.53		
15	16QAM	36	0	19.60	19.69	19.63	20.6	0
15	16QAM	36	20	19.60	19.75	19.61		
15	16QAM	36	39	19.60	19.65	19.60		
15	16QAM	75	0	19.53	19.63	19.67		
15	64QAM	1	0	19.43	19.65	19.68	20.6	0
15	64QAM	1	37	19.71	19.73	19.46		
15	64QAM	1	74	19.68	19.70	19.56		
15	64QAM	36	0	19.49	19.61	19.64	20.6	0
15	64QAM	36	20	19.62	19.64	19.55		
15	64QAM	36	39	19.53	19.70	19.61		
15	64QAM	75	0	19.69	19.69	19.61		
15	256QAM	1	0	17.93	18.01	17.89	19	1.6
15	256QAM	1	37	17.86	18.02	17.81		
15	256QAM	1	74	17.89	18.00	17.94		
15	256QAM	36	0	17.80	17.92	17.80	19	1.6
15	256QAM	36	20	17.76	18.04	17.88		
15	256QAM	36	39	17.84	18.01	17.83		
15	256QAM	75	0	17.86	17.92	17.79		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.58	19.80	19.78	20.6	0
10	QPSK	1	25	19.58	19.52	19.60		
10	QPSK	1	49	19.55	19.71	19.64		
10	QPSK	25	0	19.41	19.81	19.53	20.6	0
10	QPSK	25	12	19.64	19.81	19.63		
10	QPSK	25	25	19.53	19.64	19.72		
10	QPSK	50	0	19.52	19.59	19.63		
10	16QAM	1	0	19.66	19.71	19.46	20.6	0
10	16QAM	1	25	19.65	19.69	19.69		
10	16QAM	1	49	19.42	19.78	19.60		
10	16QAM	25	0	19.51	19.68	19.51	20.6	0
10	16QAM	25	12	19.67	19.68	19.57		
10	16QAM	25	25	19.53	19.71	19.57		
10	16QAM	50	0	19.44	19.65	19.66		
10	64QAM	1	0	19.53	19.68	19.56	20.6	0
10	64QAM	1	25	19.65	19.68	19.56		
10	64QAM	1	49	19.63	19.63	19.53		
10	64QAM	25	0	19.54	19.60	19.60	20.6	0
10	64QAM	25	12	19.64	19.63	19.59		
10	64QAM	25	25	19.57	19.65	19.68		
10	64QAM	50	0	19.65	19.67	19.48		
10	256QAM	1	0	17.99	17.94	17.86	19	1.6
10	256QAM	1	25	17.80	18.00	17.84		
10	256QAM	1	49	17.84	17.99	17.92		
10	256QAM	25	0	17.81	17.87	17.87	19	1.6
10	256QAM	25	12	17.90	17.98	17.83		
10	256QAM	25	25	17.86	18.10	17.99		
10	256QAM	50	0	17.84	18.01	17.76		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.58	19.82	19.77	20.6	0
5	QPSK	1	12	19.45	19.58	19.59		
5	QPSK	1	24	19.52	19.76	19.51		
5	QPSK	12	0	19.56	19.68	19.63	20.6	0
5	QPSK	12	7	19.50	19.74	19.62		
5	QPSK	12	13	19.52	19.55	19.73		
5	QPSK	25	0	19.47	19.66	19.56		
5	16QAM	1	0	19.68	19.74	19.54	20.6	0
5	16QAM	1	12	19.60	19.71	19.63		
5	16QAM	1	24	19.45	19.69	19.59		
5	16QAM	12	0	19.49	19.60	19.65	20.6	0
5	16QAM	12	7	19.55	19.76	19.70		
5	16QAM	12	13	19.59	19.69	19.75		
5	16QAM	25	0	19.52	19.70	19.68		
5	64QAM	1	0	19.42	19.78	19.66	20.6	0
5	64QAM	1	12	19.68	19.74	19.46		
5	64QAM	1	24	19.68	19.69	19.64		
5	64QAM	12	0	19.45	19.67	19.57	20.6	0
5	64QAM	12	7	19.73	19.69	19.51		
5	64QAM	12	13	19.54	19.72	19.64		
5	64QAM	25	0	19.59	19.72	19.61		
5	256QAM	1	0	17.89	17.91	17.79	19	1.6
5	256QAM	1	12	17.82	17.97	17.82		
5	256QAM	1	24	17.85	18.12	17.81		
5	256QAM	12	0	17.82	17.97	17.82	19	1.6
5	256QAM	12	7	17.81	18.03	17.83		
5	256QAM	12	13	17.84	17.97	17.84		
5	256QAM	25	0	17.87	17.97	17.90		

Band 42 Ant 7

BW [MHz]	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	16.67	16.74	16.66	17.7	0
20	QPSK	1	49	16.42	16.53	16.51		
20	QPSK	1	99	16.54	16.68	16.54		
20	QPSK	50	0	16.54	16.65	16.48	17.7	0
20	QPSK	50	24	16.46	16.54	16.47		
20	QPSK	50	50	16.51	16.60	16.53		
20	QPSK	100	0	16.43	16.55	16.48		
20	16QAM	1	0	16.54	16.57	16.55	17.7	0
20	16QAM	1	49	16.52	16.56	16.57		
20	16QAM	1	99	16.44	16.69	16.57		
20	16QAM	50	0	16.45	16.66	16.48	17.7	0
20	16QAM	50	24	16.58	16.56	16.56		
20	16QAM	50	50	16.52	16.49	16.68		
20	16QAM	100	0	16.46	16.55	16.62		
20	64QAM	1	0	16.40	16.58	16.59	17.7	0
20	64QAM	1	49	16.57	16.60	16.38		
20	64QAM	1	99	16.52	16.61	16.48		
20	64QAM	50	0	16.36	16.62	16.53	17.7	0
20	64QAM	50	24	16.51	16.56	16.37		
20	64QAM	50	50	16.63	16.58	16.55		
20	64QAM	100	0	16.60	16.73	16.51		
20	256QAM	1	0	16.58	16.62	16.57	17.7	0
20	256QAM	1	49	16.38	16.68	16.48		
20	256QAM	1	99	16.52	16.65	16.57		
20	256QAM	50	0	16.44	16.49	16.61	17.7	0
20	256QAM	50	24	16.42	16.55	16.50		
20	256QAM	50	50	16.51	16.64	16.60		
20	256QAM	100	0	16.48	16.66	16.53		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.5	3500	3542.5		
15	QPSK	1	0	16.49	16.69	16.56	17.7	0
15	QPSK	1	37	16.34	16.37	16.45		
15	QPSK	1	74	16.51	16.63	16.43		
15	QPSK	36	0	16.44	16.62	16.43	17.7	0
15	QPSK	36	20	16.33	16.52	16.44		
15	QPSK	36	39	16.33	16.54	16.45		
15	QPSK	75	0	16.29	16.37	16.39		
15	16QAM	1	0	16.47	16.47	16.49	17.7	0
15	16QAM	1	37	16.42	16.40	16.44		
15	16QAM	1	74	16.42	16.59	16.53		
15	16QAM	36	0	16.29	16.64	16.41	17.7	0
15	16QAM	36	20	16.44	16.52	16.39		
15	16QAM	36	39	16.47	16.37	16.57		
15	16QAM	75	0	16.27	16.46	16.45		
15	64QAM	1	0	16.23	16.40	16.48	17.7	0
15	64QAM	1	37	16.40	16.57	16.31		
15	64QAM	1	74	16.48	16.42	16.41		
15	64QAM	36	0	16.25	16.49	16.40	17.7	0
15	64QAM	36	20	16.40	16.45	16.19		
15	64QAM	36	39	16.49	16.46	16.39		
15	64QAM	75	0	16.46	16.59	16.43		
15	256QAM	1	0	16.50	16.51	16.44	17.7	0
15	256QAM	1	37	16.24	16.67	16.36		
15	256QAM	1	74	16.37	16.57	16.48		
15	256QAM	36	0	16.29	16.38	16.48	17.7	0
15	256QAM	36	20	16.36	16.46	16.48		
15	256QAM	36	39	16.38	16.52	16.49		
15	256QAM	75	0	16.38	16.56	16.45		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	16.50	16.64	16.61	17.7	0
10	QPSK	1	25	16.39	16.34	16.47		
10	QPSK	1	49	16.53	16.65	16.52		
10	QPSK	25	0	16.43	16.58	16.45	17.7	0
10	QPSK	25	12	16.35	16.44	16.28		
10	QPSK	25	25	16.38	16.43	16.41		
10	QPSK	50	0	16.37	16.36	16.30		
10	16QAM	1	0	16.49	16.41	16.38	17.7	0
10	16QAM	1	25	16.44	16.49	16.54		
10	16QAM	1	49	16.38	16.58	16.46		
10	16QAM	25	0	16.35	16.50	16.33	17.7	0
10	16QAM	25	12	16.53	16.46	16.53		
10	16QAM	25	25	16.47	16.43	16.52		
10	16QAM	50	0	16.41	16.53	16.48		
10	64QAM	1	0	16.25	16.47	16.51	17.7	0
10	64QAM	1	25	16.47	16.46	16.19		
10	64QAM	1	49	16.45	16.57	16.43		
10	64QAM	25	0	16.30	16.60	16.50	17.7	0
10	64QAM	25	12	16.32	16.43	16.28		
10	64QAM	25	25	16.62	16.50	16.51		
10	64QAM	50	0	16.44	16.59	16.34		
10	256QAM	1	0	16.57	16.47	16.47	17.7	0
10	256QAM	1	25	16.36	16.64	16.38		
10	256QAM	1	49	16.44	16.49	16.54		
10	256QAM	25	0	16.31	16.45	16.49	17.7	0
10	256QAM	25	12	16.31	16.41	16.49		
10	256QAM	25	25	16.33	16.50	16.45		
10	256QAM	50	0	16.40	16.50	16.46		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	16.59	16.68	16.53	17.7	0
5	QPSK	1	12	16.35	16.49	16.38		
5	QPSK	1	24	16.36	16.51	16.44		
5	QPSK	12	0	16.53	16.50	16.32	17.7	0
5	QPSK	12	7	16.37	16.50	16.44		
5	QPSK	12	13	16.44	16.48	16.52		
5	QPSK	25	0	16.29	16.40	16.31		
5	16QAM	1	0	16.39	16.40	16.52	17.7	0
5	16QAM	1	12	16.34	16.44	16.56		
5	16QAM	1	24	16.34	16.52	16.44		
5	16QAM	12	0	16.30	16.58	16.34	17.7	0
5	16QAM	12	7	16.53	16.38	16.39		
5	16QAM	12	13	16.50	16.42	16.59		
5	16QAM	25	0	16.36	16.44	16.44		
5	64QAM	1	0	16.28	16.49	16.51	17.7	0
5	64QAM	1	12	16.44	16.44	16.22		
5	64QAM	1	24	16.42	16.53	16.36		
5	64QAM	12	0	16.24	16.59	16.46	17.7	0
5	64QAM	12	7	16.42	16.49	16.25		
5	64QAM	12	13	16.50	16.52	16.48		
5	64QAM	25	0	16.57	16.65	16.34		
5	256QAM	1	0	16.42	16.54	16.56	17.7	0
5	256QAM	1	12	16.19	16.65	16.40		
5	256QAM	1	24	16.50	16.47	16.48		
5	256QAM	12	0	16.37	16.34	16.48	17.7	0
5	256QAM	12	7	16.29	16.45	16.41		
5	256QAM	12	13	16.44	16.63	16.54		
5	256QAM	25	0	16.32	16.56	16.50		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	16.93	17.03	16.75	18.2	0
20	QPSK	1	49	16.82	16.87	16.61		
20	QPSK	1	99	16.91	16.58	16.75		
20	QPSK	50	0	16.85	16.91	16.79	18.2	0
20	QPSK	50	24	16.73	16.77	16.62		
20	QPSK	50	50	16.85	16.74	16.67		
20	QPSK	100	0	16.85	16.95	16.60		
20	16QAM	1	0	16.70	16.58	16.69	18.2	0
20	16QAM	1	49	16.87	16.55	16.45		
20	16QAM	1	99	16.82	16.86	16.66		
20	16QAM	50	0	16.93	17.01	16.74	18.2	0
20	16QAM	50	24	16.86	16.99	16.55		
20	16QAM	50	50	16.87	16.93	16.68		
20	16QAM	100	0	16.77	16.66	16.54		
20	64QAM	1	0	16.62	16.67	16.62	18.2	0
20	64QAM	1	49	16.77	16.75	16.46		
20	64QAM	1	99	16.81	16.71	16.55		
20	64QAM	50	0	16.81	16.70	16.75	18.2	0
20	64QAM	50	24	16.65	16.94	16.62		
20	64QAM	50	50	16.78	16.74	16.78		
20	64QAM	100	0	16.99	16.91	16.51		
20	256QAM	1	0	16.84	16.84	16.53	18	0.2
20	256QAM	1	49	16.93	16.87	16.59		
20	256QAM	1	99	16.81	16.87	16.64		
20	256QAM	50	0	16.71	16.90	16.58	18	0.2
20	256QAM	50	24	16.79	16.98	16.56		
20	256QAM	50	50	16.94	16.89	16.58		
20	256QAM	100	0	16.91	16.93	16.62		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.5	3500	3542.5		
15	QPSK	1	0	16.89	16.85	16.53	18.2	0
15	QPSK	1	37	16.81	16.87	16.45		
15	QPSK	1	74	16.88	16.42	16.58		
15	QPSK	36	0	16.68	16.84	16.58	18.2	0
15	QPSK	36	20	16.58	16.63	16.54		
15	QPSK	36	39	16.77	16.63	16.55		
15	QPSK	75	0	16.84	16.94	16.55		
15	16QAM	1	0	16.54	16.58	16.58	18.2	0
15	16QAM	1	37	16.70	16.37	16.41		
15	16QAM	1	74	16.64	16.74	16.53		
15	16QAM	36	0	16.88	16.86	16.72	18.2	0
15	16QAM	36	20	16.87	17.01	16.75		
15	16QAM	36	39	16.80	17.01	16.56		
15	16QAM	75	0	16.74	16.54	16.47		
15	64QAM	1	0	16.41	16.51	16.63	18.2	0
15	64QAM	1	37	16.78	16.62	16.35		
15	64QAM	1	74	16.61	16.57	16.39		
15	64QAM	36	0	16.77	16.59	16.69	18.2	0
15	64QAM	36	20	16.50	16.96	16.58		
15	64QAM	36	39	16.68	16.74	16.59		
15	64QAM	75	0	16.86	16.84	16.37		
15	256QAM	1	0	16.80	16.97	16.66	18	0.2
15	256QAM	1	37	16.80	16.99	16.67		
15	256QAM	1	74	16.89	16.83	16.55		
15	256QAM	36	0	16.88	16.91	16.62	18	0.2
15	256QAM	36	20	16.89	16.92	16.66		
15	256QAM	36	39	16.77	17.03	16.66		
15	256QAM	75	0	16.80	16.91	16.63		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	16.72	16.53	16.58	18.2	0
10	QPSK	1	25	16.74	16.79	16.45		
10	QPSK	1	49	16.83	16.49	16.56		
10	QPSK	25	0	16.77	16.78	16.73	18.2	0
10	QPSK	25	12	16.60	16.59	16.47		
10	QPSK	25	25	16.77	16.63	16.57		
10	QPSK	50	0	16.63	16.88	16.38		
10	16QAM	1	0	16.63	16.54	16.53	18.2	0
10	16QAM	1	25	16.67	16.49	16.31		
10	16QAM	1	49	16.75	16.79	16.54		
10	16QAM	25	0	16.81	16.79	16.58	18.2	0
10	16QAM	25	12	16.75	16.60	16.32		
10	16QAM	25	25	16.73	16.67	16.39		
10	16QAM	50	0	16.58	16.57	16.35		
10	64QAM	1	0	16.59	16.68	16.63	18.2	0
10	64QAM	1	25	16.72	16.76	16.43		
10	64QAM	1	49	16.72	16.66	16.49		
10	64QAM	25	0	16.71	16.51	16.60	18.2	0
10	64QAM	25	12	16.67	16.44	16.41		
10	64QAM	25	25	16.71	16.56	16.70		
10	64QAM	50	0	16.86	16.87	16.48		
10	256QAM	1	0	16.71	17.02	16.74	18	0.2
10	256QAM	1	25	16.84	16.95	16.68		
10	256QAM	1	49	16.72	16.88	16.58		
10	256QAM	25	0	16.89	16.82	16.67	18	0.2
10	256QAM	25	12	16.76	16.94	16.54		
10	256QAM	25	25	16.87	16.92	16.63		
10	256QAM	50	0	16.81	16.88	16.57		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	16.89	16.46	16.57	18.2	0
5	QPSK	1	12	16.78	16.76	16.47		
5	QPSK	1	24	16.81	16.55	16.68		
5	QPSK	12	0	16.72	16.84	16.58	18.2	0
5	QPSK	12	7	16.53	16.57	16.61		
5	QPSK	12	13	16.70	16.66	16.60		
5	QPSK	25	0	16.73	16.89	16.46		
5	16QAM	1	0	16.69	16.54	16.58	18.2	0
5	16QAM	1	12	16.71	16.42	16.40		
5	16QAM	1	24	16.80	16.64	16.68		
5	16QAM	12	0	16.84	16.71	16.48	18.2	0
5	16QAM	12	7	16.74	16.78	16.45		
5	16QAM	12	13	16.67	16.79	16.37		
5	16QAM	25	0	16.77	16.65	16.44		
5	64QAM	1	0	16.43	16.51	16.40	18.2	0
5	64QAM	1	12	16.56	16.72	16.32		
5	64QAM	1	24	16.82	16.69	16.35		
5	64QAM	12	0	16.78	16.60	16.53	18.2	0
5	64QAM	12	7	16.52	16.93	16.54		
5	64QAM	12	13	16.69	16.75	16.67		
5	64QAM	25	0	16.81	16.71	16.39		
5	256QAM	1	0	16.78	16.93	16.77	18	0.2
5	256QAM	1	12	16.94	16.88	16.70		
5	256QAM	1	24	16.78	16.95	16.69		
5	256QAM	12	0	16.88	16.84	16.67	18	0.2
5	256QAM	12	7	16.94	16.99	16.72		
5	256QAM	12	13	16.82	16.85	16.57		
5	256QAM	25	0	16.93	16.90	16.54		

Reduced Power Mode for Main PA ECI3

GSM850 Ant 0	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	30.16	30.42	30.23	31.50	21.16	21.42	21.23	22.50
GPRS 1 Tx slot	29.98	30.22	30.26	31.50	20.98	21.22	21.26	22.50
GPRS 2 Tx slots	27.40	27.42	27.29	28.50	21.40	21.42	21.29	22.50
GPRS 3 Tx slots	25.65	25.69	25.67	26.50	21.39	21.43	21.41	22.24
GPRS 4 Tx slots	24.49	24.56	24.35	25.50	21.49	21.56	21.35	22.50
EDGE 1 Tx slot	27.05	27.13	27.08	27.50	18.05	18.13	18.08	18.50
EDGE 2 Tx slots	25.66	25.82	25.77	26.50	19.66	19.82	19.77	20.50
EDGE 3 Tx slots	23.43	23.56	23.49	24.50	19.17	19.30	19.23	20.24
EDGE 4 Tx slots	22.24	22.33	22.26	23.00	19.24	19.33	19.26	20.00

GSM1900 Ant 0	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	27.42	27.49	27.15	29.00	18.42	18.49	18.15	20.00
GPRS 1 Tx slot	27.28	27.40	27.19	29.00	18.28	18.40	18.19	20.00
GPRS 2 Tx slots	24.22	24.50	24.03	26.00	18.22	18.50	18.03	20.00
GPRS 3 Tx slots	22.66	22.75	22.61	24.00	18.40	18.49	18.35	19.74
GPRS 4 Tx slots	21.35	21.48	21.44	23.00	18.35	18.48	18.44	20.00
EDGE 1 Tx slot	25.62	25.65	25.58	26.50	16.62	16.65	16.58	17.50
EDGE 2 Tx slots	24.45	24.48	24.40	25.50	18.45	18.48	18.40	19.50
EDGE 3 Tx slots	22.05	22.12	22.09	23.50	17.79	17.86	17.83	19.24
EDGE 4 Tx slots	20.64	20.73	20.68	21.50	17.64	17.73	17.68	18.50

Band		WCDMA II Ant 0			Tune-up Limit (dBm)	WCDMA IV Ant 0			Tune-up Limit (dBm)	WCDMA V Ant 0			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	17.98	18.13	18.02	19.30	18.64	18.76	18.54	19.90	23.34	23.40	23.19	24.00
3GPP Rel 99	RMC 12.2Kbps	18.16	18.19	17.98	19.30	18.73	18.77	18.66	19.90	23.39	23.45	23.23	24.00
3GPP Rel 6	HSDPA Subtest-1	16.98	17.18	17.11	18.30	17.71	17.81	17.45	18.90	22.43	22.35	22.16	23.00
3GPP Rel 6	HSDPA Subtest-2	17.11	17.09	16.93	18.30	17.74	17.84	17.59	18.90	22.40	22.33	22.21	23.00
3GPP Rel 6	HSDPA Subtest-3	16.62	16.60	16.60	17.80	17.02	17.32	17.02	18.40	21.90	21.94	21.64	22.50
3GPP Rel 6	HSDPA Subtest-4	16.55	16.76	16.52	17.80	17.22	17.22	16.98	18.40	21.77	21.88	21.68	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.03	17.15	17.14	18.30	17.70	17.67	17.64	18.90	22.38	22.41	22.17	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.11	17.08	17.03	18.30	17.54	17.63	17.63	18.90	22.29	22.41	22.21	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.61	16.63	16.56	17.80	17.09	17.19	16.97	18.40	21.76	21.97	21.77	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.50	16.50	16.57	17.80	17.27	17.26	17.04	18.40	21.83	21.83	21.77	22.50
3GPP Rel 6	HSUPA Subtest-1	17.12	17.16	17.09	18.30	17.57	17.67	17.72	18.90	22.35	22.32	22.24	23.00
3GPP Rel 6	HSUPA Subtest-2	15.13	15.04	15.01	16.30	15.70	15.82	15.56	16.90	20.30	20.50	20.16	21.00
3GPP Rel 6	HSUPA Subtest-3	16.09	16.21	16.05	17.30	16.83	16.74	16.61	17.90	21.43	21.38	21.15	22.00
3GPP Rel 6	HSUPA Subtest-4	15.15	15.02	15.02	16.30	15.58	15.79	15.67	16.90	20.36	20.46	20.16	21.00
3GPP Rel 6	HSUPA Subtest-5	17.19	17.08	17.24	18.30	17.66	17.62	17.46	18.90	22.43	22.48	22.23	23.00

Band 2 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.31	18.44	18.39	19.8	0
20	QPSK	1	49	18.25	18.37	18.29		
20	QPSK	50	49	18.18	18.35	18.24		
20	QPSK	50	0	18.27	18.40	18.30		
20	QPSK	50	24	18.18	18.31	18.29	19.8	0
20	QPSK	50	50	18.27	18.26	18.34		
20	QPSK	100	0	18.27	18.36	18.24		
20	16QAM	1	0	18.15	18.28	18.21		
20	16QAM	1	49	18.25	18.25	18.28	19.8	0
20	16QAM	1	99	18.13	18.37	18.24		
20	16QAM	50	0	18.19	18.35	18.23		
20	16QAM	50	24	18.21	18.28	18.31	19.8	0
20	16QAM	50	50	18.16	18.32	18.29		
20	16QAM	100	0	18.24	18.32	18.25		
20	64QAM	1	0	18.24	18.42	18.22		
20	64QAM	1	49	18.21	18.39	18.24	19.8	0
20	64QAM	1	99	18.28	18.37	18.38		
20	64QAM	50	0	18.24	18.32	18.33		
20	64QAM	50	24	18.22	18.41	18.29	19.8	0
20	64QAM	50	50	18.29	18.36	18.32		
20	64QAM	100	0	18.24	18.29	18.20		
20	256QAM	1	0	17.47	17.50	17.46		
20	256QAM	1	49	17.50	17.46	17.50	19	0.8
20	256QAM	1	99	17.38	17.45	17.42		
20	256QAM	50	0	17.52	17.49	17.54		
20	256QAM	50	24	17.32	17.48	17.44	19	0.8
20	256QAM	50	50	17.40	17.52	17.54		
20	256QAM	100	0	17.47	17.40	17.43		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.13	18.42	18.21	19.8	0
15	QPSK	1	37	18.11	18.31	18.11		
15	QPSK	1	74	18.13	18.34	18.21		
15	QPSK	36	0	18.08	18.30	18.25		
15	QPSK	36	20	18.07	18.29	18.16	19.8	0
15	QPSK	36	39	18.20	18.13	18.28		
15	QPSK	75	0	18.17	18.17	18.19		
15	16QAM	1	0	17.97	18.11	18.08		
15	16QAM	1	37	18.22	18.18	18.25	19.8	0
15	16QAM	1	74	17.97	18.29	18.22		
15	16QAM	36	0	18.10	18.21	18.05		
15	16QAM	36	20	18.14	18.22	18.17	19.8	0
15	16QAM	36	39	18.12	18.19	18.14		
15	16QAM	75	0	18.22	18.27	18.10		
15	64QAM	1	0	18.20	18.36	18.08		
15	64QAM	1	37	18.18	18.35	18.13	19.8	0
15	64QAM	1	74	18.12	18.21	18.20		
15	64QAM	36	0	18.06	18.14	18.27		
15	64QAM	36	20	18.17	18.26	18.10	19.8	0
15	64QAM	36	39	18.26	18.29	18.14		
15	64QAM	75	0	18.12	18.12	18.09		
15	256QAM	1	0	17.28	17.30	17.37		
15	256QAM	1	37	17.51	17.25	17.46	19	0.8
15	256QAM	1	74	17.19	17.24	17.35		
15	256QAM	36	0	17.40	17.40	17.46		
15	256QAM	36	20	17.22	17.26	17.36	19	0.8
15	256QAM	36	39	17.36	17.35	17.45		
15	256QAM	75	0	17.37	17.39	17.34		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.15	18.36	18.36	19.8	0
10	QPSK	1	25	18.18	18.22	18.13		
10	QPSK	1	49	18.06	18.17	18.12		
10	QPSK	25	0	18.10	18.25	18.15		
10	QPSK	25	12	18.12	18.14	18.16	19.8	0
10	QPSK	25	25	18.10	18.22	18.24		
10	QPSK	50	0	18.09	18.30	18.14		
10	16QAM	1	0	18.08	18.11	18.07		
10	16QAM	1	25	18.21	18.15	18.20	19.8	0
10	16QAM	1	49	17.99	18.21	18.20		
10	16QAM	25	0	18.10	18.26	18.22		
10	16QAM	25	12	18.16	18.19	18.25	19.8	0
10	16QAM	25	25	18.15	18.29	18.27		
10	16QAM	50	0	18.19	18.22	18.23		
10	64QAM	1	0	18.15	18.33	18.19		
10	64QAM	1	25	18.02	18.37	18.13	19.8	0
10	64QAM	1	49	18.21	18.31	18.32		
10	64QAM	25	0	18.06	18.27	18.32		
10	64QAM	25	12	18.13	18.38	18.24	19.8	0
10	64QAM	25	25	18.22	18.34	18.17		
10	64QAM	50	0	18.20	18.13	18.01		
10	256QAM	1	0	17.45	17.40	17.26		
10	256QAM	1	25	17.40	17.24	17.38	19	0.8
10	256QAM	1	49	17.18	17.30	17.40		
10	256QAM	25	0	17.47	17.36	17.50		
10	256QAM	25	12	17.25	17.29	17.43	19	0.8
10	256QAM	25	25	17.36	17.42	17.41		
10	256QAM	50	0	17.26	17.19	17.22		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.21	18.41	18.37	19.8	0
5	QPSK	1	12	18.07	18.22	18.15		
5	QPSK	1	24	18.08	18.21	18.08		
5	QPSK	12	0	18.15	18.36	18.13		
5	QPSK	12	7	18.08	18.26	18.13	19.8	0
5	QPSK	12	13	18.23	18.11	18.32		
5	QPSK	25	0	18.19	18.29	18.05		
5	16QAM	1	0	18.04	18.26	18.19		
5	16QAM	1	12	18.24	18.09	18.14	19.8	0
5	16QAM	1	24	17.99	18.25	18.11		
5	16QAM	12	0	18.08	18.19	18.13		
5	16QAM	12	7	18.15	18.12	18.25	19.8	0
5	16QAM	12	13	18.04	18.22	18.04		
5	16QAM	25	0	18.09	18.31	18.16		
5	64QAM	1	0	18.07	18.33	18.08		
5	64QAM	1	12	18.12	18.27	18.11	19.8	0
5	64QAM	1	24	18.11	18.31	18.27		
5	64QAM	12	0	18.22	18.26	18.23		
5	64QAM	12	7	18.15	18.33	18.28	19.8	0
5	64QAM	12	13	18.17	18.31	18.16		
5	64QAM	25	0	18.06	18.22	18.07		
5	256QAM	1	0	17.26	17.32	17.35		
5	256QAM	1	12	17.40	17.38	17.38	19	0.8
5	256QAM	1	24	17.36	17.30	17.24		
5	256QAM	12	0	17.52	17.48	17.54		
5	256QAM	12	7	17.26	17.46	17.31	19	0.8
5	256QAM	12	13	17.21	17.44	17.43		
5	256QAM	25	0	17.40	17.26	17.26		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.16	18.31	18.32	19.8	0
3	QPSK	1	8	18.17	18.20	18.15		
3	QPSK	1	14	18.16	18.21	18.17		
3	QPSK	8	0	18.19	18.34	18.15		
3	QPSK	8	4	18.16	18.21	18.15	19.8	0
3	QPSK	8	7	18.20	18.17	18.30		
3	QPSK	15	0	18.13	18.28	18.19		
3	16QAM	1	0	18.06	18.15	18.06		
3	16QAM	1	8	18.17	18.10	18.25	19.8	0
3	16QAM	1	14	18.00	18.36	18.16		
3	16QAM	8	0	18.14	18.19	18.15		
3	16QAM	8	4	18.14	18.14	18.20	19.8	0
3	16QAM	8	7	18.14	18.16	18.18		
3	16QAM	15	0	18.21	18.25	18.15		
3	64QAM	1	0	18.11	18.37	18.18		
3	64QAM	1	8	18.16	18.32	18.06	19.8	0
3	64QAM	1	14	18.09	18.36	18.23		
3	64QAM	8	0	18.10	18.21	18.31		
3	64QAM	8	4	18.09	18.26	18.23	19.8	0
3	64QAM	8	7	18.11	18.23	18.28		
3	64QAM	15	0	18.10	18.24	18.13		
3	256QAM	1	0	17.38	17.50	17.33		
3	256QAM	1	8	17.50	17.28	17.49	19	0.8
3	256QAM	1	14	17.36	17.23	17.31		
3	256QAM	8	0	17.46	17.34	17.34		
3	256QAM	8	4	17.10	17.36	17.22	19	0.8
3	256QAM	8	7	17.32	17.45	17.36		
3	256QAM	15	0	17.36	17.28	17.45		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.22	18.28	18.34	19.8	0
1.4	QPSK	1	3	18.14	18.31	18.17		
1.4	QPSK	1	5	18.06	18.18	18.21		
1.4	QPSK	3	0	18.14	18.35	18.11		
1.4	QPSK	3	1	18.01	18.14	18.28		
1.4	QPSK	3	3	18.26	18.22	18.19		
1.4	QPSK	6	0	18.17	18.24	18.11	19.8	0
1.4	16QAM	1	0	17.98	18.10	18.03	19.8	0
1.4	16QAM	1	3	18.21	18.23	18.27		
1.4	16QAM	1	5	17.95	18.28	18.10		
1.4	16QAM	3	0	18.12	18.23	18.20		
1.4	16QAM	3	1	18.04	18.10	18.19		
1.4	16QAM	3	3	17.99	18.25	18.22		
1.4	16QAM	6	0	18.13	18.24	18.15	19.8	0
1.4	64QAM	1	0	18.10	18.29	18.04	19.8	0
1.4	64QAM	1	3	18.18	18.32	18.20		
1.4	64QAM	1	5	18.12	18.26	18.21		
1.4	64QAM	3	0	18.21	18.20	18.25		
1.4	64QAM	3	1	18.07	18.38	18.22		
1.4	64QAM	3	3	18.19	18.27	18.30		
1.4	64QAM	6	0	18.19	18.28	18.16	19.8	0
1.4	256QAM	1	0	17.28	17.45	17.33	19	0.8
1.4	256QAM	1	3	17.44	17.26	17.47		
1.4	256QAM	1	5	17.23	17.31	17.28		
1.4	256QAM	3	0	17.44	17.47	17.40		
1.4	256QAM	3	1	17.30	17.42	17.34		
1.4	256QAM	3	3	17.37	17.45	17.47		
1.4	256QAM	6	0	17.30	17.22	17.30	19	0.8

Band 4 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.67	18.85	18.59	20.1	0
20	QPSK	1	49	18.58	18.68	18.56		
20	QPSK	50	99	18.65	18.55	18.69		
20	QPSK	50	0	18.43	18.69	18.61		
20	QPSK	50	24	18.53	18.55	18.60		
20	QPSK	50	50	18.57	18.57	18.59		
20	QPSK	100	0	18.59	18.77	18.50		
20	16QAM	1	0	18.55	18.55	18.63		
20	16QAM	1	49	18.54	18.76	18.63		
20	16QAM	1	99	18.47	18.73	18.43		
20	16QAM	50	0	18.60	18.69	18.55		
20	16QAM	50	24	18.53	18.81	18.65		
20	16QAM	50	50	18.47	18.73	18.56		
20	16QAM	100	0	18.58	18.76	18.54		
20	64QAM	1	0	18.53	18.77	18.53		
20	64QAM	1	49	18.62	18.68	18.39		
20	64QAM	1	99	18.46	18.54	18.57		
20	64QAM	50	0	18.63	18.77	18.58		
20	64QAM	50	24	18.48	18.71	18.63		
20	64QAM	50	50	18.46	18.59	18.60		
20	64QAM	100	0	18.46	18.72	18.59		
20	256QAM	1	0	17.86	17.93	17.82		
20	256QAM	1	49	18.00	17.93	17.87	19	1.1
20	256QAM	1	99	17.81	17.78	17.73		
20	256QAM	50	0	17.89	17.96	17.93		
20	256QAM	50	24	17.64	17.88	17.77	19	1.1
20	256QAM	50	50	17.89	17.99	17.88		
20	256QAM	100	0	17.90	17.91	17.83		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.61	18.73	18.55	20.1	0
15	QPSK	1	37	18.52	18.65	18.46		
15	QPSK	1	74	18.46	18.48	18.65		
15	QPSK	36	0	18.38	18.68	18.59		
15	QPSK	36	20	18.38	18.53	18.49		
15	QPSK	36	39	18.47	18.55	18.55		
15	QPSK	75	0	18.51	18.62	18.35		
15	16QAM	1	0	18.52	18.42	18.45		
15	16QAM	1	37	18.46	18.58	18.45		
15	16QAM	1	74	18.29	18.55	18.36		
15	16QAM	36	0	18.46	18.59	18.48		
15	16QAM	36	20	18.35	18.72	18.59		
15	16QAM	36	39	18.44	18.55	18.47		
15	16QAM	75	0	18.50	18.57	18.50		
15	64QAM	1	0	18.46	18.67	18.50		
15	64QAM	1	37	18.51	18.63	18.31	20.1	0
15	64QAM	1	74	18.32	18.47	18.55		
15	64QAM	36	0	18.58	18.64	18.41		
15	64QAM	36	20	18.41	18.57	18.51		
15	64QAM	36	39	18.44	18.49	18.43		
15	64QAM	75	0	18.27	18.70	18.43		
15	256QAM	1	0	17.75	17.81	17.88		
15	256QAM	1	37	17.89	17.81	17.92	19	1.1
15	256QAM	1	74	17.72	17.80	17.93		
15	256QAM	36	0	17.91	17.92	17.91		
15	256QAM	36	20	17.61	17.78	17.82	19	1.1
15	256QAM	36	39	17.76	17.88	17.98		
15	256QAM	75	0	17.81	17.87	17.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.52	18.76	18.42	20.1	0
10	QPSK	1	25	18.42	18.52	18.53		
10	QPSK	1	49	18.51	18.39	18.62		
10	QPSK	25	0	18.36	18.65	18.44		
10	QPSK	25	12	18.44	18.43	18.56		
10	QPSK	25	25	18.42	18.55	18.44		
10	QPSK	50	0	18.54	18.57	18.38		
10	16QAM	1	0	18.42	18.39	18.48		
10	16QAM	1	25	18.50	18.72	18.57		
10	16QAM	1	49	18.33	18.69	18.24		
10	16QAM	25	0	18.51	18.51	18.41		
10	16QAM	25	12	18.39	18.76	18.64		
10	16QAM	25	25	18.42	18.55	18.47		
10	16QAM	50	0	18.45	18.74	18.51		
10	64QAM	1	0	18.34	18.65	18.48		
10	64QAM	1	25	18.55	18.59	18.31	20.1	0
10	64QAM	1	49	18.27	18.45	18.43		
10	64QAM	25	0	18.52	18.70	18.49		
10	64QAM	25	12	18.37	18.64	18.49		
10	64QAM	25	25	18.44	18.45	18.46		
10	64QAM	50	0	18.41	18.66	18.46		
10	256QAM	1	0	17.97	17.81	17.90		
10	256QAM	1	25	17.83	17.84	17.97	19	1.1
10	256QAM	1	49	17.88	17.78	17.73		
10	256QAM	25	0	17.96	17.82	17.92		
10	256QAM	25	12	17.75	17.82	17.91	19	1.1
10	256QAM	25	25	17.82	17.96	17.98		
10	256QAM	50	0	17.93	17.88	17.93		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.49	18.80	18.40	20.1	0
5	QPSK	1	12	18.51	18.54	18.41		
5	QPSK	1	24	18.54	18.43	18.68		
5	QPSK	12	0	18.26	18.61	18.60		
5	QPSK	12	7	18.52	18.50	18.51		
5	QPSK	12	13	18.56	18.54	18.48		
5	QPSK	25	0	18.44	18.60	18.33		
5	16QAM	1	0	18.44	18.50	18.50		
5	16QAM	1	12	18.40	18.72	18.58	20.1	0
5	16QAM	1	24	18.44	18.66	18.28		
5	16QAM	12	0	18.45	18.55	18.54		
5	16QAM	12	7	18.39	18.70	18.53		
5	16QAM	12	13	18.53	18.62	18.49		
5	16QAM	25	0	18.45	18.74	18.49		
5	64QAM	1	0	18.36	18.68	18.46		
5	64QAM	1	12	18.60	18.57	18.26	20.1	0
5	64QAM	1	24	18.46	18.40	18.48		
5	64QAM	12	0	18.58	18.69	18.44		
5	64QAM	12	7	18.45	18.65	18.45		
5	64QAM	12	13	18.38	18.55	18.45		
5	64QAM	25	0	18.36	18.70	18.53		
5	256QAM	1	0	17.96	17.91	17.98		
5	256QAM	1	12	17.85	17.82	17.96	19	1.1
5	256QAM	1	24	17.73	17.93	17.85		
5	256QAM	12	0	17.89	17.91	17.85		
5	256QAM	12	7	17.79	17.95	17.78	19	1.1
5	256QAM	12	13	17.82	17.99	18.01		
5	256QAM	25	0	17.91	17.73	17.87		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.51	18.78	18.45	20.1	0
3	QPSK	1	8	18.45	18.64	18.42		
3	QPSK	1	14	18.36	18.53	18.53		
3	QPSK	8	0	18.31	18.55	18.49		
3	QPSK	8	4	18.51	18.44	18.56		
3	QPSK	8	7	18.54	18.49	18.43		
3	QPSK	15	0	18.53	18.52	18.44		
3	16QAM	1	0	18.46	18.44	18.61		
3	16QAM	1	8	18.35	18.64	18.54	20.1	0
3	16QAM	1	14	18.29	18.59	18.35		
3	16QAM	8	0	18.41	18.56	18.48		
3	16QAM	8	4	18.47	18.62	18.54	20.1	0
3	16QAM	8	7	18.40	18.65	18.50		
3	16QAM	15	0	18.52	18.69	18.42		
3	64QAM	1	0	18.43	18.64	18.43		
3	64QAM	1	8	18.46	18.56	18.22	20.1	0
3	64QAM	1	14	18.37	18.48	18.50		
3	64QAM	8	0	18.58	18.65	18.42		
3	64QAM	8	4	18.37	18.64	18.49	20.1	0
3	64QAM	8	7	18.39	18.42	18.54		
3	64QAM	15	0	18.36	18.53	18.44		
3	256QAM	1	0	17.92	17.99	17.76		
3	256QAM	1	8	17.79	17.81	17.82	19	1.1
3	256QAM	1	14	17.83	17.91	17.80		
3	256QAM	8	0	17.85	17.89	17.95		
3	256QAM	8	4	17.79	17.92	17.83	19	1.1
3	256QAM	8	7	17.89	17.90	17.84		
3	256QAM	15	0	17.86	17.72	17.90		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.64	18.70	18.48	20.1	0
1.4	QPSK	1	3	18.57	18.55	18.44		
1.4	QPSK	1	5	18.51	18.41	18.67		
1.4	QPSK	3	0	18.38	18.58	18.44		
1.4	QPSK	3	1	18.35	18.50	18.49		
1.4	QPSK	3	3	18.54	18.39	18.57		
1.4	QPSK	6	0	18.57	18.48	18.41	20.1	0
1.4	16QAM	1	0	18.42	18.37	18.61	20.1	0
1.4	16QAM	1	3	18.50	18.60	18.45		
1.4	16QAM	1	5	18.37	18.56	18.41		
1.4	16QAM	3	0	18.59	18.66	18.45		
1.4	16QAM	3	1	18.43	18.73	18.55		
1.4	16QAM	3	3	18.29	18.60	18.52		
1.4	16QAM	6	0	18.48	18.59	18.44	20.1	0
1.4	64QAM	1	0	18.35	18.74	18.35	20.1	0
1.4	64QAM	1	3	18.60	18.59	18.32		
1.4	64QAM	1	5	18.32	18.45	18.51		
1.4	64QAM	3	0	18.53	18.61	18.46		
1.4	64QAM	3	1	18.36	18.59	18.50		
1.4	64QAM	3	3	18.40	18.42	18.42		
1.4	64QAM	6	0	18.33	18.65	18.50	20.1	0
1.4	256QAM	1	0	17.73	17.85	17.83	19.3	0.8
1.4	256QAM	1	3	18.00	17.71	17.66		
1.4	256QAM	1	5	17.71	17.63	17.55		
1.4	256QAM	3	0	17.86	17.95	17.82		
1.4	256QAM	3	1	17.59	17.90	17.75		
1.4	256QAM	3	3	17.84	17.83	17.84		
1.4	256QAM	6	0	17.75	17.78	17.67	19.3	0.8

Band 5 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.92	22.97	22.95	24	0
10	QPSK	1	25	22.72	22.94	22.81		
10	QPSK	1	49	22.88	22.85	22.94		
10	QPSK	25	0	21.93	21.97	21.89	23	1
10	QPSK	25	12	21.94	21.91	21.83		
10	QPSK	25	25	21.75	21.85	21.88		
10	QPSK	50	0	21.88	21.95	21.90		
10	16QAM	1	0	21.89	21.90	21.81		
10	16QAM	1	25	21.95	21.80	21.69	23	1
10	16QAM	1	49	21.78	21.80	21.82		
10	16QAM	25	0	20.95	20.90	20.83		
10	16QAM	25	12	20.83	20.88	20.91	22	2
10	16QAM	25	25	20.96	20.81	21.00

Band 7 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.27	18.41	18.36		
20	QPSK	1	49	18.12	18.28	18.19	19.9	0
20	QPSK	1	99	18.22	18.38	18.31		
20	QPSK	50	0	18.12	18.38	18.31		
20	QPSK	50	24	18.24	18.31	18.20	19.9	0
20	QPSK	50	50	18.16	18.35	18.22		
20	QPSK	100	0	18.18	18.22	18.17		
20	16QAM	1	0	18.22	18.39	18.20		
20	16QAM	1	49	18.25	18.33	18.32	19.9	0
20	16QAM	1	99	18.09	18.26	18.18		
20	16QAM	50	0	18.22	18.32	18.34		
20	16QAM	50	24	18.22	18.30	18.34	19.9	0
20	16QAM	50	50	18.10	18.33	18.32		
20	16QAM	100	0	18.21	18.26	18.33		
20	64QAM	1	0	18.12	18.36	18.23		
20	64QAM	1	49	18.14	18.34	18.26	19.9	0
20	64QAM	1	99	18.14	18.36	18.34		
20	64QAM	50	0	18.19	18.27	18.18		
20	64QAM	50	24	18.25	18.23	18.20	19.9	0
20	64QAM	50	50	18.21	18.40	18.33		
20	64QAM	100	0	18.09	18.36	18.20		
20	256QAM	1	0	17.92	18.29	17.97		
20	256QAM	1	49	17.84	17.85	17.85	19	0.9
20	256QAM	1	99	17.93	17.99	17.88		
20	256QAM	50	0	17.98	18.26	17.90		
20	256QAM	50	24	18.01	18.11	17.78	19	0.9
20	256QAM	50	50	17.95	18.05	17.92		
20	256QAM	100	0	17.82	18.17	17.90		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.15	18.39	18.26		
15	QPSK	1	37	17.95	18.11	18.08	19.9	0
15	QPSK	1	74	18.13	18.22	18.19		
15	QPSK	36	0	17.97	18.27	18.16		
15	QPSK	36	20	18.12	18.13	18.15	19.9	0
15	QPSK	36	39	18.05	18.27	18.03		
15	QPSK	75	0	18.01	18.18	18.15		
15	16QAM	1	0	18.12	18.23	18.03		
15	16QAM	1	37	18.22	18.26	18.17	19.9	0
15	16QAM	1	74	17.95	18.14	18.05		
15	16QAM	36	0	18.16	18.28	18.16		
15	16QAM	36	20	18.10	18.18	18.17	19.9	0
15	16QAM	36	39	18.04	18.22	18.14		
15	16QAM	75	0	18.15	18.20	18.26		
15	64QAM	1	0	18.00	18.31	18.10		
15	64QAM	1	37	18.07	18.18	18.20	19.9	0
15	64QAM	1	74	18.00	18.22	18.30		
15	64QAM	36	0	18.04	18.24	18.04		
15	64QAM	36	20	18.11	18.15	18.02	19.9	0
15	64QAM	36	39	18.12	18.35	18.21		
15	64QAM	75	0	18.01	18.18	18.04		
15	256QAM	1	0	18.19	18.25	17.96		
15	256QAM	1	37	18.22	18.30	18.19	19	0.9
15	256QAM	1	74	18.22	18.08	18.13		
15	256QAM	36	0	17.92	18.15	17.79		
15	256QAM	36	20	18.02	18.02	17.80	19	0.9
15	256QAM	36	39	17.81	17.89	17.93		
15	256QAM	75	0	17.63	18.10	17.82		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.25	18.28	18.25		
10	QPSK	1	25	17.93	18.25	18.03	19.9	0
10	QPSK	1	49	18.12	18.37	18.20		
10	QPSK	25	0	18.07	18.19	18.16		
10	QPSK	25	12	18.23	18.30	18.10	19.9	0
10	QPSK	25	25	18.03	18.25	18.11		
10	QPSK	50	0	18.01	18.15	18.03		
10	16QAM	1	0	18.16	18.31	18.03		
10	16QAM	1	25	18.16	18.29	18.26	19.9	0
10	16QAM	1	49	18.05	18.17	17.99		
10	16QAM	25	0	18.09	18.15	18.22		
10	16QAM	25	12	18.15	18.11	18.23	19.9	0
10	16QAM	25	25	17.92	18.16	18.16		
10	16QAM	50	0	18.16	18.17	18.27		
10	64QAM	1	0	18.06	18.26	18.05		
10	64QAM	1	25	17.96	18.23	18.11	19.9	0
10	64QAM	1	49	18.02	18.20	18.24		
10	64QAM	25	0	18.10	18.18	18.15		
10	64QAM	25	12	18.12	18.10	18.15	19.9	0
10	64QAM	25	25	18.19	18.29	18.27		
10	64QAM	50	0	18.01	18.19	18.13		
10	256QAM	1	0	17.90	18.13	17.95		
10	256QAM	1	25	17.70	17.81	17.71	19	0.9
10	256QAM	1	49	17.73	17.88	17.72		
10	256QAM	25	0	17.95	18.17	17.92		
10	256QAM	25	12	17.80	18.00	18.03	19	0.9
10	256QAM	25	25	17.91	18.03	18.01		
10	256QAM	50	0	17.72	17.98	17.71		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.13	18.26	18.30		
5	QPSK	1	12	18.07	18.16	18.08	19.9	0
5	QPSK	1	24	18.06	18.23	18.19		
5	QPSK	12	0	18.03	18.34	18.13		
5	QPSK	12	7	18.20	18.26	18.15	19.9	0
5	QPSK	12	13	18.12	18.27	18.07		
5	QPSK	25	0	18.00	18.16	18.03		
5	16QAM	1	0	18.16	18.20	18.09		
5	16QAM	1	12	18.14	18.22	18.17	19.9	0
5	16QAM	1	24	18.07	18.14	18.08		
5	16QAM	12	0	18.05	18.29	18.25		
5	16QAM	12	7	18.11	18.22	18.28	19.9	0
5	16QAM	12	13	17.92	18.18	18.26		
5	16QAM	25	0	18.06	18.18	18.21		
5	64QAM	1	0	18.01	18.26	18.18		
5	64QAM	1	12	18.09	18.17	18.11	19.9	0
5	64QAM	1	24	17.95	18.18	18.23		
5	64QAM	12	0	18.17	18.12	18.01		
5	64QAM	12	7	18.11	18.10	18.15	19.9	0
5	64QAM	12	13	18.06	18.25	18.30		
5	64QAM	25	0	18.06	18.19	18.13		
5	256QAM	1	0	17.89	18.12	17.92		
5	256QAM	1	12	17.85	17.71	17.68	19	0.9
5	256QAM	1	24	17.82	17.83	17.85		
5	256QAM	12	0	17.94	18.13	17.80		
5	256QAM	12	7	18.01	18.08	17.79	19	0.9
5	256QAM	12	13	17.86	17.85	17.79		
5	256QAM	25	0	18.02	18.14	17.90		

Band 12 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.12	23.16	23.07		
10	QPSK	1	25	23.05	23.11	22.89	24	0
10	QPSK	1	49	22.95	23.00	22.98		
10	QPSK	25	0	22.10	22.13	22.02		
10	QPSK	25	12	21.89	22.01	21.80	23	1
10	QPSK	25	25	22.10	21.97	21.98		
10	QPSK	50	0	22.04	22.08	21.97		
10	16QAM	1	0	22.07	22.00	21.90		
10	16QAM	1	25	22.03	22.12	21.99	23	1
10	16QAM	1	49	21.95	22.05	21.95		
10	16QAM	25	0	21.25	21.05	21.20		
10	16QAM	25	12	21.05	21.14	21.06	22	2
10	16QAM	25	25	21.24	21.05	21.10		
10	16QAM	50	0	21.07	21.15	21.06		
10	64QAM	1	0	21.11	21.24	21.24		
10	64QAM	1	25	21.11	21.08	21.13	22	2
10	64QAM	1	49	21.20	21.15	21.21		
10	64QAM	25	0	20.11	20.05	20.11		
10	64QAM	25	12	19.95	20.08	19.97	21	3
10	64QAM	25	25	19.91	19.97	19.92		
10	64QAM	50	0	20.00	20.09	19.95		
10	256QAM	1	0	18.07	18.08	18.04		
10	256QAM	1	25	18.05	18.16	18.16	19	5
10	256QAM	1	49	18.20	18.03	18.02		
10	256QAM	25	0	18.12	18.12	18.06		
10	256QAM	25	12	18.19	18.23	18.11	19	5
10	256QAM	25	25	18.15	18.02	18.09		
10	256QAM	50	0	18.15	18.08	18.13		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.06	22.96	22.93		
5	QPSK	1	12	22.84	23.04	22.85	24	0
5	QPSK	1	24	22.79	22.79	22.94		
5	QPSK	12	0	21.89	22.00	21.82		
5	QPSK	12	7	21.79	21.84	21.75	23	1
5	QPSK	12	13	22.05	21.82	21.91		
5	QPSK	25	0	21.95	21.90	21.88		
5	16QAM	1	0	21.98	21.93	21.82		
5	16QAM	1	12	21.96	21.96	21.92	23	1
5	16QAM	1	24	21.82	21.84	21.74		
5	16QAM	12	0	21.18	20.97	21.11		
5	16QAM	12	7	20.94	21.05	20.96	22	2
5	16QAM	12	13	21.03	20.99	21.01		
5	16QAM	25	0	20.91	21.02	20.88		
5	64QAM	1	0	20.95	21.19	21.07		
5	64QAM	1	12	21.00	20.95	20.98	22	2
5	64QAM	1	24	21.10	21.08	20.99		
5	64QAM	12	0	19.93	20.01	20.03		
5	64QAM	12	7	19.84	19.93	19.83	21	3
5	64QAM	12	13	19.70	19.80	19.71		
5	64QAM	25	0	19.95	20.04	19.79		
5	256QAM	1	0	18.01	17.87	17.87		
5	256QAM	1	12	17.93	17.99	18.11	19	5
5	256QAM	1	24	18.05	17.96	17.85		
5	256QAM	12	0	17.97	18.05	17.84		
5	256QAM	12	7	18.07	18.16	17.97	19	5
5	256QAM	12	13	17.99	17.88	17.89		
5	256QAM	25	0	18.00	17.88	18.03		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.96	23.06	22.87		
3	QPSK	1	8	22.86	22.94	22.75	24	0
3	QPSK	1	14	22.73	22.93	22.86		
3	QPSK	8	0	21.98	21.98	21.90		
3	QPSK	8	4	21.73	21.79	21.75	23	1
3	QPSK	8	7	22.00	21.85	21.78		
3	QPSK	15	0	21.92	21.93	21.89		
3	16QAM	1	0	21.94	21.88	21.73		
3	16QAM	1	8	21.86	22.01	21.82	23	1
3	16QAM	1	14	21.81	21.96	21.75		
3	16QAM	8	0	21.12	20.87	21.01		
3	16QAM	8	4	21.00	21.03	20.95	22	2
3	16QAM	8	7	21.08	20.98	20.99		
3	16QAM	15	0	20.95	21.09	20.90		
3	64QAM	1	0	20.97	21.18	21.13		
3	64QAM	1	8	20.91	21.00	20.91	22	2
3	64QAM	1	14	21.03	21.08	21.00		
3	64QAM	8	0	20.00	19.83	19.92		
3	64QAM	8	4	19.81	20.01	19.85	21	3
3	64QAM	8	7	19.73	19.80	19.77		
3	64QAM	15	0	19.93	20.01	19.83		
3	256QAM	1	0	17.92	17.90	17.93		
3	256QAM	1	8	17.89	17.96	18.02	19	5
3	256QAM	1	14	18.10	17.87	17.93		
3	256QAM	8	0	18.00	18.03	17.86		
3	256QAM	8	4	18.14	18.13	18.04	19	5
3	256QAM	8	7	18.06	17.91	18.01		
3	256QAM	15	0	18.11	17.89	18.01		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.97	23.01	22.99		
1.4	QPSK	1	3	22.86	23.01	22.82		
1.4	QPSK	1	5	22.88	22.95	22.89	24	0
1.4	QPSK	3	0	23.04	23.01	23.02		
1.4	QPSK	3	1	22.90	22.96	22.84		
1.4	QPSK	3	3	22.87	22.94	22.81		
1.4	QPSK	6	0	21.88	21.91	21.89	23	1
1.4	16QAM	1	0	21.86	21.90	21.73		
1.4	16QAM	1	3	21.96	22.01	21.87		
1.4	16QAM	1	5	21.86	21.97	21.85	23	1
1.4	16QAM	3	0	21.96	22.04	21.89		
1.4	16QAM	3	1	21.79	21.87	21.65		
1.4	16QAM	3	3	21.88	21.77	21.87		
1.4	16QAM	6	0	20.98	21.01	20.94	22	2
1.4	64QAM	1	0	20.99	21.04	21.08		
1.4	64QAM	1	3	20.94	20.95	21.03		
1.4	64QAM	1	5	21.11	20.95	21.04	22	2
1.4	64QAM	3	0	20.92	20.92	20.91		
1.4	64QAM	3	1	21.07	20.96	20.88		
1.4	64QAM	3	3	21.00	21.05	20.85		
1.4	64QAM	6	0	19.88	20.04	19.90	21	3
1.4	256QAM	1	0	17.89	17.88	17.99		
1.4	256QAM	1	3	17.93	18.01	18.07		
1.4	256QAM	1	5	18.13	17.82	17.96	19	5
1.4	256QAM	3	0	18.05	17.94	17.86		
1.4	256QAM	3	1	18.00	18.12	17.91		
1.4	256QAM	3	3	17.98	17.86	17.91		
1.4	256QAM	6	0	18.09	17.99	17.95	19	5

Band 13 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.44			
10	QPSK	1	25		23.35		24	0
10	QPSK	1	49		23.30			
10	QPSK	25	0		22.48			
10	QPSK	25	12		22.37		23	1
10	QPSK	25	25		22.44			
10	QPSK	50	0		22.41			
10	16QAM	1	0		22.39			
10	16QAM	1	25		22.49		23	1
10	16QAM	1	49		22.32			
10	16QAM	25	0		21.54			
10	16QAM	25	12		21.55		22	2
10	16QAM	25	25		21.42			
10	16QAM	50	0		21.47			
10	64QAM	1	0		21.43			
10	64QAM	1	25		21.48		22	2
10	64QAM	1	49		21.55			
10	64QAM	25	0		20.46			
10	64QAM	25	12		20.36		21	3
10	64QAM	25	25		20.44			
10	64QAM	50	0		20.40			
10	256QAM	1	0		18.57			
10	256QAM	1	25		18.37		19	5
10	256QAM	1	49		18.42			
10	256QAM	25	0		18.51			
10	256QAM	25	12		18.48		19	5
10	256QAM	25	25		18.37			
10	256QAM	50	0		18.42			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.33	23.35	23.26		
5	QPSK	1	12	23.21	23.20	23.18	24	0
5	QPSK	1	24	23.22	23.17	23.20		
5	QPSK	12	0	22.43	22.35	22.41		
5	QPSK	12	7	22.23	22.18	22.22	23	1
5	QPSK	12	13	22.32	22.30	22.29		
5	QPSK	25	0	22.36	22.25	22.37		
5	16QAM	1	0	22.18	22.24	22.32		
5	16QAM	1	12	22.30	22.30	22.38	23	1
5	16QAM	1	24	22.15	22.14	22.14		
5	16QAM	12	0	21.43	21.48	21.48		
5	16QAM	12	7	21.43	21.43	21.49	22	2
5	16QAM	12	13	21.36	21.26	21.37		
5	16QAM	25	0	21.30	21.35	21.43		
5	64QAM	1	0	21.30	21.33	21.23		
5	64QAM	1	12	21.31	21.29	21.31	22	2
5	64QAM	1	24	21.42	21.39	21.35		
5	64QAM	12	0	20.26	20.39	20.41		
5	64QAM	12	7	20.25	20.16	20.15	21	3
5	64QAM	12	13	20.36	20.23	20.27		
5	64QAM	25	0	20.24	20.19	20.35		
5	256QAM	1	0	18.36	18.41	18.49		
5	256QAM	1	12	18.15	18.15	18.16	19	5
5	256QAM	1	24	18.37	18.24	18.26		
5	256QAM	12	0	18.47	18.41	18.40		
5	256QAM	12	7	18.41	18.28	18.32	19	5
5	256QAM	12	13	18.23	18.32	18.17		
5	256QAM	25	0	18.35	18.33	18.31		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.04	23.13	23.00	24	0
10	QPSK	1	25	22.86	23.01	22.81		
10	QPSK	1	49	22.86	23.06	23.02		
10	QPSK	25	0	22.01	22.06	21.98	23	1
10	QPSK	25	12	21.92	21.87	21.83		
10	QPSK	25	25	21.84	21.96	21.84		
10	QPSK	50	0	21.96	22.05	21.92		
10	16QAM	1	0	21.80	22.06	21.85	23	1
10	16QAM	1	25	21.92	22.06	21.91		
10	16QAM	1	49	21.93	22.04	21.89		
10	16QAM	25	0	21.05	20.96	21.13	22	2
10	16QAM	25	12	21.09	21.04	21.07		
10	16QAM	25	25	20.92	21.01	21.12		
10	16QAM	50	0	21.12	21.12	21.10		
10	64QAM	1	0	20.92	21.08	20.90	22	2
10	64QAM	1	25	20.91	21.09	21.10		
10	64QAM	1	49	20.90	21.03	21.03		
10	64QAM	25	0	19.99	20.00	20.01	21	3
10	64QAM	25	12	19.94	19.94	20.07		
10	64QAM	25	25	20.10	19.92	20.00		
10	64QAM	50	0	19.98	19.94	20.06		
10	256QAM	1	0	18.01	18.13	18.07	19	5
10	256QAM	1	25	18.02	18.11	18.12		
10	256QAM	1	49	18.15	18.08	17.97		
10	256QAM	25	0	18.01	17.99	17.94	19	5
10	256QAM	25	12	18.08	18.11	18.05		
10	256QAM	25	25	18.03	17.99	17.95		
10	256QAM	50	0	18.02	18.05	17.95		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.98	23.06	22.80	24	0
5	QPSK	1	12	22.76	22.82	22.73		
5	QPSK	1	24	22.66	22.85	22.80		
5	QPSK	12	0	21.87	21.86	21.83	23	1
5	QPSK	12	7	21.78	21.75	21.73		
5	QPSK	12	13	21.79	21.89	21.78		
5	QPSK	25	0	21.85	21.92	21.83		
5	16QAM	1	0	21.59	21.89	21.72	23	1
5	16QAM	1	12	21.72	21.99	21.71		
5	16QAM	1	24	21.76	21.86	21.85		
5	16QAM	12	0	20.89	20.86	21.05	22	2
5	16QAM	12	7	20.88	20.94	20.94		
5	16QAM	12	13	20.78	20.94	20.95		
5	16QAM	25	0	20.93	20.93	20.98		
5	64QAM	1	0	20.76	20.97	20.80	22	2
5	64QAM	1	12	20.84	20.93	21.05		
5	64QAM	1	24	20.70	20.83	20.98		
5	64QAM	12	0	19.79	19.79	19.85	21	3
5	64QAM	12	7	19.86	19.88	19.86		
5	64QAM	12	13	19.95	19.77	19.82		
5	64QAM	25	0	19.85	19.84	19.89		
5	256QAM	1	0	17.82	17.92	18.00	19	5
5	256QAM	1	12	17.94	17.98	18.06		
5	256QAM	1	24	18.02	17.91	17.91		
5	256QAM	12	0	17.81	17.93	17.72	19	5
5	256QAM	12	7	18.01	18.03	17.84		
5	256QAM	12	13	17.97	17.85	17.82		
5	256QAM	25	0	17.89	17.89	17.80		

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BW [MHz]	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	22.98	23.05	23.03	24	0
15	QPSK	1	37	22.96	23.04	23.01		
15	QPSK	1	74	22.96	22.84	22.97		
15	QPSK	36	0	22.01	22.09	21.96	23	1
15	QPSK	36	20	21.92	22.01	21.86		
15	QPSK	36	39	22.00	21.99	21.94		
15	QPSK	75	0	21.97	22.04	21.94		
15	16QAM	1	0	21.89	21.89	21.87	23	1
15	16QAM	1	37	21.86	21.93	21.86		
15	16QAM	1	74	21.79	22.10	21.92		
15	16QAM	36	0	21.06	20.96	20.97	22	2
15	16QAM	36	20	21.09	21.12	20.92		
15	16QAM	36	39	21.11	20.92	21.10		
15	16QAM	75	0	21.07	20.97	21.07		
15	64QAM	1	0	21.10	20.96	20.99	22	2
15	64QAM	1	37	21.08	20.96	20.99		
15	64QAM	1	74	20.98	21.08	20.91		
15	64QAM	36	0	20.03	20.00	20.09	21	3
15	64QAM	36	20	19.96	19.93	19.93		
15	64QAM	36	39	20.00	19.91	20.10		
15	64QAM	75	0	19.98	19.96	20.02		
15	256QAM	1	0	18.08	18.19	18.14	19	5
15	256QAM	1	37	18.24	18.22	18.06		
15	256QAM	1	74	18.12	18.14	18.16		
15	256QAM	36	0	18.20	18.23	18.17	19	5
15	256QAM	36	20	18.23	18.05	18.11		
15	256QAM	36	39	18.12	18.16	18.25		
15	256QAM	75	0	18.19	18.18	18.16		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.86	22.86	22.92	24	0
10	QPSK	1	25	22.81	22.85	22.88		
10	QPSK	1	49	22.75	22.64	22.91		
10	QPSK	25	0	21.84	21.88	21.89	23	1
10	QPSK	25	12	21.81	21.80	21.67		
10	QPSK	25	25	21.90	21.90	21.85		
10	QPSK	50	0	21.76	21.90	21.84		
10	16QAM	1	0	21.81	21.80	21.75	23	1
10	16QAM	1	25	21.79	21.84	21.74		
10	16QAM	1	49	21.64	22.01	21.86		
10	16QAM	25	0	21.00	20.80	20.88	22	2
10	16QAM	25	12	21.04	20.96	20.86		
10	16QAM	25	25	20.91	20.72	20.98		
10	16QAM	50	0	20.94	20.85	20.99		
10	64QAM	1	0	20.89	20.84	20.79	22	2
10	64QAM	1	25	20.91	20.89	20.92		
10	64QAM	1	49	20.92	21.02	20.87		
10	64QAM	25	0	19.81	19.81	19.93	21	3
10	64QAM	25	12	19.76	19.75	19.76		
10	64QAM	25	25	19.89	19.79	19.90		
10	64QAM	50	0	19.92	19.83	19.98		
10	256QAM	1	0	17.89	18.12	17.98	19	5
10	256QAM	1	25	18.15	18.04	17.87		
10	256QAM	1	49	18.06	18.06	18.02		
10	256QAM	25	0	18.04	18.08	18.13	19	5
10	256QAM	25	12	18.13	17.95	17.89		
10	256QAM	25	25	18.02	17.98	18.06		
10	256QAM	50	0	18.11	17.97	17.98		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.88	22.89	22.83	24	0
5	QPSK	1	12	22.84	22.89	22.89		
5	QPSK	1	24	22.85	22.62	22.80		
5	QPSK	12	0	21.81	21.99	21.90	23	1
5	QPSK	12	7	21.83	21.94	21.74		
5	QPSK	12	13	21.90	21.91	21.88		
5	QPSK	25	0	21.76	21.94	21.88		
5	16QAM	1	0	21.68	21.76	21.78	23	1
5	16QAM	1	12	21.67	21.79	21.68		
5	16QAM	1	24	21.58	21.98	21.82		
5	16QAM	12	0	21.01	20.82	20.81	22	2
5	16QAM	12	7	20.87	20.95	20.85		
5	16QAM	12	13	20.92	20.86	20.90		
5	16QAM	25	0	20.88	20.84	20.96		
5	64QAM	1	0	21.03	20.90	20.87	22	2
5	64QAM	1	12	20.86	20.81	20.93		
5	64QAM	1	24	20.89	21.01	20.81		
5	64QAM	12	0	19.97	19.87	19.94	21	3
5	64QAM	12	7	19.91	19.86	19.71		
5	64QAM	12	13	19.93	19.83	19.94		
5	64QAM	25	0	19.92	19.82	19.90		
5	256QAM	1	0	17.91	18.08	18.06	19	5
5	256QAM	1	12	18.02	18.02	17.94		
5	256QAM	1	24	18.02	18.00	18.05		
5	256QAM	12	0	18.00	18.17	18.08	19	5
5	256QAM	12	7	18.03	17.86	18.07		
5	256QAM	12	13	17.93	17.98	18.17		
5	256QAM	25	0	18.08	18.14	18.08		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.87	22.94	22.85	24	0
3	QPSK	1	8	22.84	22.95	22.84		
3	QPSK	1	14	22.69	22.70	22.76		
3	QPSK	8	0	21.93	21.93	21.79	23	1
3	QPSK	8	4	21.80	21.91	21.71		
3	QPSK	8	7	21.85	21.89	21.79		
3	QPSK	15	0	21.83	21.86	21.83		
3	16QAM	1	0	21.69	21.79	21.87	23	1
3	16QAM	1	8	21.81	21.72	21.72		
3	16QAM	1	14	21.73	21.90	21.87		
3	16QAM	8	0	20.99	20.90	20.78	22	2
3	16QAM	8	4	20.98	20.94	20.80		
3	16QAM	8	7	20.96	20.71	21.03		
3	16QAM	15	0	20.97	20.89	20.88		
3	64QAM	1	0	21.02	20.74	20.92	22	2
3	64QAM	1	8	20.88	20.78	20.94		
3	64QAM	1	14	20.84	20.95	20.72		
3	64QAM	8	0	19.82	19.87	19.99	21	3
3	64QAM	8	4	19.76	19.80	19.81		
3	64QAM	8	7	19.88	19.70	19.92		
3	64QAM	15	0	19.84	19.84	19.93		
3	256QAM	1	0	17.96	18.07	18.09	19	5
3	256QAM	1	8	18.18	18.07	18.01		
3	256QAM	1	14	17.91	18.05	17.96		
3	256QAM	8	0	17.99	18.03	18.06	19	5
3	256QAM	8	4	18.08	17.97	18.01		
3	256QAM	8	7	17.99	18.07	18.06		
3	256QAM	15	0	18.08	18.11	17.94		
Channel				26667	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.91	22.90	22.85	24	0
1.4	QPSK	1	3	22.83	22.84	22.91		
1.4	QPSK	1	5	22.83	22.67	22.90		
1.4	QPSK	3	0	22.93	22.93	22.86		
1.4	QPSK	3	1	22.85	22.99	22.82		
1.4	QPSK	3	3	22.82	22.69	22.91		
1.4	QPSK	6	0	21.87	21.98	21.77	23	1
1.4	16QAM	1	0	21.79	21.81	21.80	23	1
1.4	16QAM	1	3	21.67	21.86	21.73		
1.4	16QAM	1	5	21.64	21.95	21.85		
1.4	16QAM	3	0	21.83	21.97	21.80		
1.4	16QAM	3	1	21.72	21.87	21.73		
1.4	16QAM	3	3	21.91	21.81	21.86		
1.4	16QAM	6	0	20.87	20.84	21.02	22	2
1.4	64QAM	1	0	20.97	20.86	20.80	22	2
1.4	64QAM	1	3	20.91	20.81	20.92		
1.4	64QAM	1	5	20.94	20.98	20.72		
1.4	64QAM	3	0	20.87	20.76	20.82		
1.4	64QAM	3	1	20.90	20.99	20.75		
1.4	64QAM	3	3	20.93	20.80	20.95		
1.4	64QAM	6	0	19.84	19.76	19.95	21	3
1.4	256QAM	1	0	18.01	18.04	18.03	19	5
1.4	256QAM	1	3	18.17	18.03	17.94		
1.4	256QAM	1	5	18.04	18.08	18.06		
1.4	256QAM	3	0	18.01	18.11	18.05		
1.4	256QAM	3	1	18.19	17.97	18.03		
1.4	256QAM	3	3	18.03	17.96	18.18		
1.4	256QAM	6	0	18.05	18.13	18.04	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	18.93	19.08	18.95	20.1	0
20	QPSK	1	49	18.79	18.99	18.81		
20	QPSK	1	99	18.88	18.90	18.94		
20	QPSK	50	0	18.78	18.96	18.91	20.1	0
20	QPSK	50	24	18.83	18.90	18.85		
20	QPSK	50	50	18.83	18.94	18.82		
20	QPSK	100	0	18.84	18.88	18.85		
20	16QAM	1	0	18.88	18.89	18.94	20.1	0
20	16QAM	1	49	18.92	19.04	18.89		
20	16QAM	1	99	18.79	19.04	18.79		
20	16QAM	50	0	18.92	18.91	18.90	20.1	0
20	16QAM	50	24	18.80	19.07	18.91		
20	16QAM	50	50	18.74	19.04	18.90		
20	16QAM	100	0	18.84	19.07	18.89		
20	64QAM	1	0	18.75	19.05	18.83	20.1	0
20	64QAM	1	49	18.88	19.01	18.76		
20	64QAM	1	99	18.75	18.91	18.81		
20	64QAM	50	0	18.86	18.98	18.83	20.1	0
20	64QAM	50	24	18.77	18.94	18.86		
20	64QAM	50	50	18.84	18.92	18.83		
20	64QAM	100	0	18.78	19.06	18.82		
20	256QAM	1	0	17.71	17.83	17.84	19	1.1
20	256QAM	1	49	17.82	17.80	17.71		
20	256QAM	1	99	17.66	17.68	17.81		
20	256QAM	50	0	17.74	17.65	17.77	19	1.1
20	256QAM	50	24	17.69	17.74	17.75		
20	256QAM	50	50	17.85	17.76	17.65		
20	256QAM	100	0	17.68	17.74	17.79		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.87	18.94	18.80	20.1	0
15	QPSK	1	37	18.70	18.97	18.73		
15	QPSK	1	74	18.87	18.78	18.89		
15	QPSK	36	0	18.66	18.88	18.83	20.1	0
15	QPSK	36	20	18.68	18.74	18.80		
15	QPSK	36	39	18.65	18.79	18.64		
15	QPSK	75	0	18.79	18.83	18.75		
15	16QAM	1	0	18.78	18.77	18.90	20.1	0
15	16QAM	1	37	18.76	19.03	18.85		
15	16QAM	1	74	18.70	18.92	18.63		
15	16QAM	36	0	18.84	18.79	18.86	20.1	0
15	16QAM	36	20	18.67	18.98	18.77		
15	16QAM	36	39	18.69	18.98	18.88		
15	16QAM	75	0	18.72	18.93	18.76		
15	64QAM	1	0	18.57	18.99	18.81	20.1	0
15	64QAM	1	37	18.80	18.98	18.64		
15	64QAM	1	74	18.74	18.73	18.68		
15	64QAM	36	0	18.70	18.92	18.66	20.1	0
15	64QAM	36	20	18.76	18.86	18.81		
15	64QAM	36	39	18.72	18.79	18.74		
15	64QAM	75	0	18.60	18.88	18.67		
15	256QAM	1	0	17.65	17.73	17.76	19	1.1
15	256QAM	1	37	17.62	17.72	17.51		
15	256QAM	1	74	17.52	17.63	17.69		
15	256QAM	36	0	17.56	17.49	17.59	19	1.1
15	256QAM	36	20	17.50	17.66	17.70		
15	256QAM	36	39	17.77	17.60	17.46		
15	256QAM	75	0	17.63	17.59	17.69		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.79	18.97	18.94	20.1	0
10	QPSK	1	25	18.62	18.85	18.77		
10	QPSK	1	49	18.81	18.78	18.88		
10	QPSK	25	0	18.63	18.78	18.84	20.1	0
10	QPSK	25	12	18.77	18.86	18.70		
10	QPSK	25	25	18.68	18.88	18.75		
10	QPSK	50	0	18.73	18.87	18.76		
10	16QAM	1	0	18.82	18.75	18.80	20.1	0
10	16QAM	1	25	18.87	18.96	18.83		
10	16QAM	1	49	18.70	18.97	18.74		
10	16QAM	25	0	18.84	18.76	18.76	20.1	0
10	16QAM	25	12	18.70	18.98	18.79		
10	16QAM	25	25	18.55	18.97	18.75		
10	16QAM	50	0	18.81	18.95	18.86		
10	64QAM	1	0	18.60	18.87	18.70	20.1	0
10	64QAM	1	25	18.74	18.92	18.60		
10	64QAM	1	49	18.57	18.78	18.77		
10	64QAM	25	0	18.81	18.82	18.69	20.1	0
10	64QAM	25	12	18.67	18.81	18.83		
10	64QAM	25	25	18.68	18.77	18.81		
10	64QAM	50	0	18.75	18.93	18.79		
10	256QAM	1	0	17.50	17.73	17.67	19	1.1
10	256QAM	1	25	17.69	17.70	17.61		
10	256QAM	1	49	17.58	17.51	17.64		
10	256QAM	25	0	17.53	17.55	17.59	19	1.1
10	256QAM	25	12	17.61	17.61	17.70		
10	256QAM	25	25	17.72	17.73	17.45		
10	256QAM	50	0	17.47	17.64	17.73		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.84	18.92	18.79	20.1	0
5	QPSK	1	12	18.65	18.90	18.65		
5	QPSK	1	24	18.81	18.86	18.76		
5	QPSK	12	0	18.63	18.84	18.69	20.1	0
5	QPSK	12	7	18.72	18.83	18.72		
5	QPSK	12	13	18.65	18.87	18.67		
5	QPSK	25	0	18.68	18.92	18.78		
5	16QAM	1	0	18.73	18.73	18.75	20.1	0
5	16QAM	1	12	18.87	18.89	18.72		
5	16QAM	1	24	18.70	18.97	18.70		
5	16QAM	12	0	18.86	18.81	18.81	20.1	0
5	16QAM	12	7	18.75	18.93	18.75		
5	16QAM	12	13	18.71	19.00	18.89		
5	16QAM	25	0	18.67	18.95	18.72		
5	64QAM	1	0	18.70	19.02	18.75	20.1	0
5	64QAM	1	12	18.94	18.93	18.60		
5	64QAM	1	24	18.62	18.88	18.73		
5	64QAM	12	0	18.76	18.85	18.75	20.1	0
5	64QAM	12	7	18.67	18.77	18.79		
5	64QAM	12	13	18.73	18.89	18.69		
5	64QAM	25	0	18.76	18.90	18.77		
5	256QAM	1	0	17.56	17.63	17.77	19	1.1
5	256QAM	1	12	17.68	17.75	17.56		
5	256QAM	1	24	17.54	17.50	17.77		
5	256QAM	12	0	17.64	17.61	17.58	19	1.1
5	256QAM	12	7	17.54	17.54	17.66		
5	256QAM	12	13	17.76	17.67	17.43		
5	256QAM	25	0	17.51	17.56	17.74		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.81	18.97	18.83	20.1	0
3	QPSK	1	8	18.70	18.80	18.62		
3	QPSK	1	14	18.82	18.71	18.90		
3	QPSK	8	0	18.63	18.89	18.85	20.1	0
3	QPSK	8	4	18.69	18.74	18.83		
3	QPSK	8	7	18.79	18.93	18.78		
3	QPSK	15	0	18.78	18.90	18.78	20.1	0
3	16QAM	1	0	18.78	18.78	18.90		
3	16QAM	1	8	18.78	18.98	18.82		
3	16QAM	1	14	18.69	18.98	18.65		
3	16QAM	8	0	18.76	18.90	18.79	20.1	0
3	16QAM	8	4	18.62	18.95	18.74		
3	16QAM	8	7	18.63	18.89	18.72		
3	16QAM	15	0	18.83	19.05	18.86	20.1	0
3	64QAM	1	0	18.61	18.96	18.73		
3	64QAM	1	8	18.73	18.86	18.74		
3	64QAM	1	14	18.57	18.79	18.71		
3	64QAM	8	0	18.69	18.82	18.78	20.1	0
3	64QAM	8	4	18.66	18.84	18.81		
3	64QAM	8	7	18.74	18.83	18.79		
3	64QAM	15	0	18.74	18.90	18.65		
3	256QAM	1	0	17.57	17.71	17.72	19	1.1
3	256QAM	1	8	17.68	17.66	17.59		
3	256QAM	1	14	17.58	17.56	17.75		
3	256QAM	8	0	17.68	17.48	17.70	19	1.1
3	256QAM	8	4	17.50	17.58	17.53		
3	256QAM	8	7	17.79	17.70	17.56		
3	256QAM	15	0	17.48	17.65	17.57		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.92	18.92	18.91	20.1	0
1.4	QPSK	1	3	18.81	18.86	18.82		
1.4	QPSK	1	5	18.83	18.76	18.89		
1.4	QPSK	3	0	18.75	18.89	18.87		
1.4	QPSK	3	1	18.80	18.80	18.77		
1.4	QPSK	3	3	18.74	18.92	18.71		
1.4	QPSK	6	0	18.78	18.84	18.77	20.1	0
1.4	16QAM	1	0	18.76	18.79	18.90	20.1	0
1.4	16QAM	1	3	18.86	18.99	18.82		
1.4	16QAM	1	5	18.69	18.95	18.66		
1.4	16QAM	3	0	18.90	18.77	18.73		
1.4	16QAM	3	1	18.67	18.97	18.85		
1.4	16QAM	3	3	18.65	18.86	18.77		
1.4	16QAM	6	0	18.73

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.03	20.17	20.06	21.4	0
20	QPSK	1	49	19.97	20.02	19.88		
20	QPSK	1	99	19.90	20.01	19.90		
20	QPSK	50	0	20.02	20.16	19.93	21.4	0
20	QPSK	50	24	19.94	20.07	19.90		
20	QPSK	50	50	19.96	20.11	19.97		
20	QPSK	100	0	19.84	20.13	20.01		
20	16QAM	1	0	19.93	19.99	19.90	21.4	0
20	16QAM	1	49	19.95	20.10	20.05		
20	16QAM	1	99	19.87	20.00	19.87		
20	16QAM	50	0	19.85	20.06	19.95	21.4	0
20	16QAM	50	24	19.90	20.11	20.00		
20	16QAM	50	50	19.90	20.08	19.87		
20	16QAM	100	0	19.88	20.13	20.00		
20	64QAM	1	0	19.90	20.13	20.00	21.4	0
20	64QAM	1	49	19.96	20.06	19.95		
20	64QAM	1	99	19.97	20.06	20.00		
20	64QAM	50	0	19.85	19.84	19.72	21	0.4
20	64QAM	50	24	19.75	19.79	19.56		
20	64QAM	50	50	19.73	19.94	19.76		
20	64QAM	100	0	19.73	19.95	19.74		
20	256QAM	1	0	18.02	18.09	17.97	19	2.4
20	256QAM	1	49	17.89	18.04	17.84		
20	256QAM	1	99	17.90	18.15	17.80		
20	256QAM	50	0	18.09	18.13	18.02	19	2.4
20	256QAM	50	24	17.98	17.74	18.15		
20	256QAM	50	50	17.98	17.81	18.06		
20	256QAM	100	0	18.05	17.96	18.12		
Channel				37825	38000	38173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.97	20.11	20.03	21.4	0
15	QPSK	1	37	19.93	19.96	19.74		
15	QPSK	1	74	19.79	19.90	19.81		
15	QPSK	36	0	19.84	20.02	19.76	21.4	0
15	QPSK	36	20	19.83	19.98	19.80		
15	QPSK	36	39	19.77	20.07	19.85		
15	QPSK	75	0	19.70	20.06	19.92		
15	16QAM	1	0	19.77	19.91	19.73	21.4	0
15	16QAM	1	37	19.84	19.96	20.00		
15	16QAM	1	74	19.77	19.95	19.69		
15	16QAM	36	0	19.69	19.95	19.91	21.4	0
15	16QAM	36	20	19.84	20.10	19.89		
15	16QAM	36	39	19.73	20.03	19.81		
15	16QAM	75	0	19.76	19.98	19.83		
15	64QAM	1	0	19.84	19.94	19.91	21.4	0
15	64QAM	1	37	19.85	19.88	19.81		
15	64QAM	1	74	19.95	19.89	19.88		
15	64QAM	36	0	19.79	19.86	19.72	21	0.4
15	64QAM	36	20	19.59	19.70	19.50		
15	64QAM	36	39	19.66	19.73	19.61		
15	64QAM	75	0	19.69	19.74	19.73		
15	256QAM	1	0	17.97	17.99	17.86	19	2.4
15	256QAM	1	37	17.77	17.93	17.70		
15	256QAM	1	74	17.91	18.02	17.74		
15	256QAM	36	0	17.98	18.14	17.89	19	2.4
15	256QAM	36	20	17.98	17.74	18.09		
15	256QAM	36	39	17.76	17.70	18.04		
15	256QAM	75	0	17.86	17.77	18.10		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.94	20.00	19.91	21.4	0
10	QPSK	1	25	19.78	19.99	19.74		
10	QPSK	1	49	19.89	19.99	19.81		
10	QPSK	25	0	19.86	20.01	19.84	21.4	0
10	QPSK	25	12	19.92	19.97	19.83		
10	QPSK	25	25	19.85	19.98	19.83		
10	QPSK	50	0	19.81	20.00	19.85		
10	16QAM	1	0	19.83	19.83	19.88	21.4	0
10	16QAM	1	25	19.85	20.07	20.02		
10	16QAM	1	49	19.72	19.82	19.75		
10	16QAM	25	0	19.80	19.99	19.82	21.4	0
10	16QAM	25	12	19.87	20.03	19.93		
10	16QAM	25	25	19.86	19.98	19.71		
10	16QAM	50	0	19.74	20.10	19.85		
10	64QAM	1	0	19.86	20.06	19.87	21.4	0
10	64QAM	1	25	19.87	20.00	19.76		
10	64QAM	1	49	19.88	20.00	19.91		
10	64QAM	25	0	19.65	19.67	19.64	21	0.4
10	64QAM	25	12	19.63	19.65	19.49		
10	64QAM	25	25	19.57	19.73	19.71		
10	64QAM	50	0	19.68	19.85	19.53		
10	256QAM	1	0	18.01	17.92	17.78	19	2.4
10	256QAM	1	25	17.83	17.84	17.86		
10	256QAM	1	49	17.89	18.15	17.65		
10	256QAM	25	0	17.98	18.07	17.82	19	2.4
10	256QAM	25	12	17.95	17.70	18.07		
10	256QAM	25	25	17.77	17.83	17.94		
10	256QAM	50	0	18.01	17.92	18.11		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.88	20.01	19.98	21.4	0
5	QPSK	1	12	19.88	19.85	19.86		
5	QPSK	1	24	19.74	19.96	19.79		
5	QPSK	12	0	19.87	20.00	19.84	21.4	0
5	QPSK	12	7	19.93	19.90	19.79		
5	QPSK	12	13	19.95	20.01	19.91		
5	QPSK	25	0	19.76	20.10	19.82		
5	16QAM	1	0	19.84	19.93	19.88	21.4	0
5	16QAM	1	12	19.80	20.05	19.91		
5	16QAM	1	24	19.84	19.90	19.77		
5	16QAM	12	0	19.68	20.00	19.80	21.4	0
5	16QAM	12	7	19.89	19.96	19.85		
5	16QAM	12	13	19.83	20.05	19.83		
5	16QAM	25	0	19.85	20.00	19.82		
5	64QAM	1	0	19.73	19.98	19.85	21.4	0
5	64QAM	1	12	19.80	19.96	19.93		
5	64QAM	1	24	19.89	19.94	19.95		
5	64QAM	12	0	19.74	19.86	19.58	21	0.4
5	64QAM	12	7	19.63	19.74	19.66		
5	64QAM	12	13	19.62	19.92	19.75		
5	64QAM	25	0	19.63	19.86	19.61		
5	256QAM	1	0	17.85	18.07	17.95	19	2.4
5	256QAM	1	12	17.90	18.02	17.69		
5	256QAM	1	24	17.71	18.04	17.75		
5	256QAM	12	0	18.00	17.98	18.04	19	2.4
5	256QAM	12	7	17.89	17.74	18.02		
5	256QAM	12	13	17.97	17.63	17.86		
5	256QAM	25	0	17.87	17.75	18.12		

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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	21.69	21.79	22.03	21.71	21.93	23.1	0
20	QPSK	1	49	21.73	21.76	21.86	21.56	21.91		
20	QPSK	1	99	21.82	21.62	21.94	21.63	21.91		
20	QPSK	50	0	21.31	21.26	21.43	21.23	21.40	23	0.1
20	QPSK	50	24	21.09	21.08	21.35	21.18	21.33		
20	QPSK	50	50	21.05	21.06	21.34	21.16	21.30		
20	QPSK	100	0	21.10	21.12	21.38	21.13	21.31		
20	16QAM	1	0	21.08	21.07	21.43	21.10	21.34	23	0.1
20	16QAM	1	49	21.05	21.02	21.33	21.06	21.30		
20	16QAM	1	99	21.03	21.10	21.28	21.02	21.29		
20	16QAM	50	0	20.19	20.07	20.51	20.22	20.47	22	1.1
20	16QAM	50	24	20.07	20.20	20.54	20.12	20.44		
20	16QAM	50	50	20.10	20.19	20.49	20.20	20.34		
20	16QAM	100	0	20.25	20.15	20.35	20.29	20.32		
20	64QAM	1	0	20.27	20.21	20.52	20.08	20.51	22	1.1
20	64QAM	1	49	20.12	20.11	20.49	20.06	20.28		
20	64QAM	1	99	20.25	20.28	20.38	20.28	20.32		
20	64QAM	50	0	19.19	19.16	19.32	19.10	19.42	21	2.1
20	64QAM	50	24	19.20	19.18	19.42	19.19	19.37		
20	64QAM	50	50	19.16	19.27	19.53	19.08	19.29		
20	64QAM	100	0	19.20	19.13	19.48	19.09	19.50		
20	256QAM	1	0	17.25	17.07	17.40	17.25	17.39	19	4.1
20	256QAM	1	49	17.15	17.27	17.34	17.16	17.52		
20	256QAM	1	99	17.16	17.08	17.34	17.07	17.33		
20	256QAM	50	0	17.06	17.13	17.36	17.21	17.29	19	4.1
20	256QAM	50	24	17.25	17.07	17.45	17.07	17.47		
20	256QAM	50	50	17.24	17.07	17.34	17.15	17.46		
20	256QAM	100	0	17.22	17.08	17.36	17.10	17.29		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.51	21.70	21.86	21.63	21.81	23.10	0
15	QPSK	1	37	21.56	21.71	21.74	21.46	21.82		
15	QPSK	1	74	21.45	21.48	21.88	21.58	21.89		
15	QPSK	36	0	21.20	21.16	21.41	21.21	21.33	23	0.1
15	QPSK	36	20	21.01	21.10	21.32	21.13	21.35		
15	QPSK	36	39	21.14	21.06	21.37	21.23	21.30		
15	QPSK	75	0	21.00	21.06	21.47	21.06	21.39		
15	16QAM	1	0	21.17	21.10	21.42	21.02	21.33	23	0.1
15	16QAM	1	37	21.02	21.05	21.42	21.01	21.34		
15	16QAM	1	74	21.10	21.15	21.27	21.05	21.37		
15	16QAM	36	0	20.15	20.04	20.50	20.21	20.39	22	1.1
15	16QAM	36	20	20.13	20.11	20.49	20.08	20.41		
15	16QAM	36	39	20.08	20.27	20.44	20.30	20.40		
15	16QAM	75	0	20.29	20.14	20.35	20.39	20.34		
15	64QAM	1	0	20.22	20.23	20.46	20.13	20.45	22	1.1
15	64QAM	1	37	20.07	20.01	20.43	20.06	20.29		
15	64QAM	1	74	20.19	20.35	20.29	20.20	20.27		
15	64QAM	36	0	19.11	19.18	19.23	19.32	19.34	21	2.1
15	64QAM	36	20	19.16	19.15	19.50	19.28	19.40		
15	64QAM	36	39	19.14	19.20	19.61	19.50	19.31		
15	64QAM	75	0	19.22	19.34	19.42	19.51	19.59		
15	256QAM	1	0	17.21	17.06	17.46	17.26	17.48	19	4.1
15	256QAM	1	37	17.19	17.34	17.35	17.25	17.43		
15	256QAM	1	74	17.18	17.15	17.27	17.12	17.35		
15	256QAM	36	0	17.02	17.04	17.30	17.13	17.25	19	4.1
15	256QAM	36	20	17.27	17.27	17.41	17.14	17.43		
15	256QAM	36	39	17.29	17.02	17.28	17.10	17.46		
15	256QAM	75	0	17.17	17.07	17.42	17.18	17.22		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.52	21.66	21.89	21.60	21.86	23.10	0
10	QPSK	1	25	21.56	21.71	21.80	21.48	21.85		
10	QPSK	1	49	21.47	21.52	21.87	21.53	21.89		
10	QPSK	25	0	21.19	21.11	21.51	21.13	21.41	23	0.1
10	QPSK	25	12	21.17	21.15	21.43	21.25	21.34		
10	QPSK	25	25	21.01	21.12	21.28	21.16	21.20		
10	QPSK	50	0	21.00	21.10	21.37	21.15	21.28		
10	16QAM	1	0	21.16	21.16	21.46	21.03	21.37	23	0.1
10	16QAM	1	25	21.02	21.02	21.29	21.01	21.36		
10	16QAM	1	49	21.11	21.02	21.29	21.04	21.20		
10	16QAM	25	0	20.21	20.47	20.58	20.26	20.45	22	1.1
10	16QAM	25	12	20.52	20.54	20.45	20.54	20.39		
10	16QAM	25	25	20.48	20.61	20.53	20.52	20.38		
10	16QAM	50	0	20.30	20.06	20.45	20.31	20.33		
10	64QAM	1	0	20.36	20.45	20.52	20.15	20.59	22	1.1
10	64QAM	1	25	20.46	20.49	20.55	20.50	20.26		
10	64QAM	1	49	20.35	20.30	20.32	20.30	20.39		
10	64QAM	25	0	19.16	19.22	19.23	19.13	19.47	21	2.1
10	64QAM	25	12	19.13	19.14	19.51	19.16	19.31		
10	64QAM	25	25	19.21	19.21	19.61	19.15	19.36		
10	64QAM	50	0	19.14	19.17	19.46	19.21	19.57		
10	256QAM	1	0	17.19	17.16	17.42	17.31	17.39	19	4.1
10	256QAM	1	25	17.16	17.33	17.33	17.43	17.53		
10	256QAM	1	49	17.28	17.26	17.27	17.41	17.34		
10	256QAM	25	0	17.06	17.21	17.42	17.14	17.20	19	4.1
10	256QAM	25	12	17.21	17.11	17.40	17.17	17.49		
10	256QAM	25	25	17.16	17.05	17.33	17.11	17.53		
10	256QAM	50	0	17.30	17.12	17.42	17.17	17.29		
Channel				39675	40143	40620	41093	41563	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.58	21.73	21.93	21.53	21.81	23.10	0
5	QPSK	1	12	21.58	21.63	21.81	21.45	21.72		
5	QPSK	1	24	21.48	21.58	21.81	21.46	21.88		
5	QPSK	12	0	21.17	21.11	21.33	21.15	21.47	23	0.1
5	QPSK	12	7	21.17	21.09	21.36	21.18	21.27		
5	QPSK	12	13	21.09	21.15	21.38	21.22	21.33		
5	QPSK	25	0	21.02	21.14	21.39	21.21	21.22		
5	16QAM	1	0	21.03	21.16	21.40	21.19	21.29	23	0.1
5	16QAM	1	12	21.09	21.03	21.38	21.05	21.31		
5	16QAM	1	24	21.02	21.01	21.37	21.09	21.25		
5	16QAM	12	0	20.27	20.22	20.41	20.13	20.53	22	1.1
5	16QAM	12	7	20.20	20.25	20.50	20.27	20.44		
5	16QAM	12	13	20.32	20.15	20.45	20.20	20.25		
5	16QAM	25	0	20.27	20.10	20.34	20.39	20.28		
5	64QAM	1	0	20.32	20.16	20.55	20.12	20.42	22	1.1
5	64QAM	1	12	20.07	20.15	20.43	20.12	20.31		
5	64QAM	1	24	20.18	20.37	20.35	20.29	20.40		
5	64QAM	12	0	19.16	19.23	19.31	19.08	19.50	21	2.1
5	64QAM	12	7	19.19	19.28	19.49	19.25	19.41		
5	64QAM	12	13	19.18	19.19	19.55	19.10	19.33		
5	64QAM	25	0	19.24	19.21	19.43	19.12	19.57		
5	256QAM	1	0	17.18	17.14	17.41	17.34	17.39	19	4.1
5	256QAM	1	12	17.26	17.30	17.37	17.41	17.56		
5	256QAM	1	24	17.33	17.26	17.40	17.35	17.31		
5	256QAM	12	0	17.15	17.04	17.45	17.30	17.21	19	4.1
5	256QAM	12	7	17.35	17.08	17.43	17.15	17.37		
5	256QAM	12	13	17.17	17.16	17.33	17.07	17.50		
5	256QAM	25	0	17.20	17.13	17.27	17.19	17.34		

Band 41 Ant 0 HPUE

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	23.29	23.36	23.55	23.37	23.47	24.7	0
20	QPSK	1	49	23.25	23.27	23.46	23.34	23.28		
20	QPSK	1	99	23.27	23.19	23.46	23.20	23.29		
20	QPSK	50	0	23.16	23.32	23.52	23.32	23.42	24.7	0
20	QPSK	50	24	23.11	23.24	23.43	23.23	23.39		
20	QPSK	50	50	23.11	23.31	23.36	23.26	23.33		
20	QPSK	100	0	23.13	23.31	23.38	23.33	23.30		
20	16QAM	1	0	23.10	23.29	23.52	23.23	23.35	24.7	0
20	16QAM	1	49	23.21	23.18	23.53	23.22	23.31		
20	16QAM	1	99	23.24	23.23	23.41	23.24	23.32		
20	16QAM	50	0	23.27	23.23	23.51	23.35	23.36	24.7	0
20	16QAM	50	24	23.20	23.27	23.38	23.32	23.34		
20	16QAM	50	50	23.24	23.19	23.41	23.30	23.28		
20	16QAM	100	0	23.17	23.29	23.51	23.23	23.45		
20	64QAM	1	0	23.22	23.35	23.50	23.31	23.38	24.7	0
20	64QAM	1	49	23.13	23.33	23.49	23.25	23.45		
20	64QAM	1	99	23.13	23.31	23.48	23.24	23.43		
20	64QAM	50	0	22.18	22.12	22.28	22.23	22.30	24	0.7
20	64QAM	50	24	22.26	22.17	22.31	22.17	22.17		
20	64QAM	50	50	22.30	22.12	22.15	22.28	22.30		
20	64QAM	100	0	22.13	22.31	22.18	22.12	22.32		
20	256QAM	1	0	20.20	20.16	20.23	20.20	20.13	22	2.7
20	256QAM	1	49	20.11	20.18	20.11	20.25	20.11		
20	256QAM	1	99	20.13	20.11	20.11	20.27	20.21		
20	256QAM	50	0	20.24	20.14	20.19	20.11	20.18	22	2.7
20	256QAM	50	24	20.17	20.29	20.28	20.27	20.27		
20	256QAM	50	50	20.23	20.10	20.28	20.23	20.32		
20	256QAM	100	0	20.28	20.16	20.30	20.09	20.18		
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	23.17	23.30	23.47	23.32	23.35	24.7	0
15	QPSK	1	37	23.16	23.25	23.42	23.33	23.13		
15	QPSK	1	74	23.17	23.18	23.32	23.02	23.11		
15	QPSK	36	0	23.03	23.31	23.50	23.26	23.29	24.7	0
15	QPSK	36	20	23.09	23.11	23.25	23.11	23.37		
15	QPSK	36	39	23.09	23.16	23.34	23.20	23.29		
15	QPSK	75	0	23.08	23.23	23.27	23.16	23.11		
15	16QAM	1	0	23.03	23.21	23.48	23.08	23.28	24.7	0
15	16QAM	1	37	23.15	23.12	23.43	23.19	23.18		
15	16QAM	1	74	23.19	23.09	23.30	23.09	23.14		
15	16QAM	36	0	23.17	23.09	23.35	23.20	23.22	24.7	0
15	16QAM	36	20	23.09	23.18	23.33	23.17	23.27		
15	16QAM	36	39	23.19	23.03	23.25	23.14	23.17		
15	16QAM	75	0	23.14	23.26	23.36	23.21	23.27		
15	64QAM	1	0	23.12	23.32	23.45	23.17	23.27	24.7	0
15	64QAM	1	37	22.96	23.28	23.41	23.07	23.41		
15	64QAM	1	74	23.10	23.12	23.33	23.13	23.42		
15	64QAM	36	0	22.10	22.21	22.30	22.15	22.38	24	0.7
15	64QAM	36	20	22.31	22.17	22.37	22.26	22.09		
15	64QAM	36	39	22.31	22.17	22.05	22.31	22.34		
15	64QAM	75	0	22.20	22.25	22.12	22.09	22.22		
15	256QAM	1	0	20.26	20.09	20.19	20.23	20.21	22	2.7
15	256QAM	1	37	20.07	20.13	20.09	20.22	20.14		
15	256QAM	1	74	20.11	20.16	20.09	20.36	20.29		
15	256QAM	36	0	20.20	20.21	20.10	20.08	20.13	22	2.7
15	256QAM	36	20	20.25	20.29	20.18	20.32	20.32		
15	256QAM	36	39	20.31	20.08	20.25	20.31	20.35		
15	256QAM	75	0	20.26	20.17	20.23	20.04	20.15		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.25	23.22	23.38	23.29	23.29	25	0
10	QPSK	1	25	23.07	23.13	23.32	23.15	23.19		
10	QPSK	1	49	23.21	23.09	23.44	23.09	23.25		
10	QPSK	25	0	23.14	23.19	23.41	23.16	23.37	24.7	0
10	QPSK	25	12	22.94	23.10	23.38	23.20	23.20		
10	QPSK	25	25	22.94	23.19	23.17	23.09	23.16		
10	QPSK	50	0	22.98	23.20	23.31	23.30	23.18		
10	16QAM	1	0	22.96	23.26	23.40	23.10	23.31	24.7	0
10	16QAM	1	25	23.06	23.11	23.43	23.08	23.15		
10	16QAM	1	49	23.08	23.12	23.33	23.14	23.31		
10	16QAM	25	0	23.19	23.16	23.34	23.34	23.26	24.7	0
10	16QAM	25	12	23.07	23.19	23.29	23.22	23.17		
10	16QAM	25	25	23.14	23.15	23.33	23.26	23.18		
10	16QAM	50	0	23.12	23.15	23.36	23.11	23.29		
10	64QAM	1	0	23.09	23.33	23.41	23

Band		WCDMA II Ant 1			Tune-up Limit (dBm)	WCDMA IV Ant 1			Tune-up Limit (dBm)	WCDMA V Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	15.02	15.11	15.05	16.40	16.87	17.10	17.03	17.90	23.31	23.42	23.29	24.00
3GPP Rel 99	RMC 12.2Kbps	15.07	15.12	15.04	16.40	17.12	17.15	17.04	17.90	23.39	23.44	23.32	24.00
3GPP Rel 6	HSDPA Subtest-1	14.14	14.06	14.14	15.40	16.01	16.09	15.96	16.90	22.35	22.49	22.31	23.00
3GPP Rel 6	HSDPA Subtest-2	13.97	14.16	14.05	15.40	15.98	16.15	15.87	16.90	22.39	22.51	22.33	23.00
3GPP Rel 6	HSDPA Subtest-3	13.70	13.51	13.73	14.90	15.51	15.60	15.53	16.40	21.95	21.91	21.85	22.50
3GPP Rel 6	HSDPA Subtest-4	13.64	13.60	13.63	14.90	15.59	15.53	15.51	16.40	21.84	21.93	21.84	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	14.00	14.17	13.98	15.40	15.94	16.06	15.94	16.90	22.41	22.39	22.25	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	13.96	14.19	14.17	15.40	16.10	16.31	15.98	16.90	22.36	22.51	22.23	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	13.62	13.55	13.70	14.90	15.40	15.60	15.33	16.40	21.96	21.90	21.84	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	13.66	13.71	13.57	14.90	15.69	15.55	15.47	16.40	21.89	21.88	21.76	22.50
3GPP Rel 6	HSUPA Subtest-1	14.08	14.18	14.04	15.40	16.08	16.12	16.06	16.90	22.45	22.48	22.24	23.00
3GPP Rel 6	HSUPA Subtest-2	11.95	12.14	12.02	13.40	14.03	14.10	13.74	14.90	20.38	20.51	20.39	21.00
3GPP Rel 6	HSUPA Subtest-3	13.10	13.06	13.09	14.40	15.04	15.17	14.85	15.90	21.46	21.48	21.28	22.00
3GPP Rel 6	HSUPA Subtest-4	12.02	12.17	12.14	13.40	14.24	14.03	13.97	14.90	20.33	20.38	20.27	21.00
3GPP Rel 6	HSUPA Subtest-5	14.09	14.13	14.00	15.40	15.99	16.03	15.84	16.90	22.42	22.38	22.35	23.00

Band 2 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.98	16.04	16.02		
20	QPSK	1	49	15.90	15.92	15.84	17.4	0
20	QPSK	1	99	15.91	15.97	15.88		
20	QPSK	50	0	15.79	15.94	15.90		
20	QPSK	50	24	15.83	15.92	15.89	17.4	0
20	QPSK	50	50	15.92	15.91	15.93		
20	QPSK	100	0	15.87	15.92	15.89		
20	16QAM	1	0	15.88	16.02	15.97		
20	16QAM	1	49	15.91	15.88	15.99	17.4	0
20	16QAM	1	99	15.92	16.02	15.98		
20	16QAM	50	0	15.91	15.93	15.97		
20	16QAM	50	24	15.91	16.00	15.88	17.4	0
20	16QAM	50	50	15.81	15.95	15.95		
20	16QAM	100	0	15.81	15.96	15.97		
20	64QAM	1	0	15.87	15.98	15.94		
20	64QAM	1	49	15.92	16.00	15.90	17.4	0
20	64QAM	1	99	15.90	15.97	15.83		
20	64QAM	50	0	15.84	16.01	15.90		
20	64QAM	50	24	15.90	15.93	16.00	17.4	0
20	64QAM	50	50	15.84	15.86	15.95		
20	64QAM	100	0	15.96	16.02	15.83		
20	256QAM	1	0	15.97	15.98	15.96		
20	256QAM	1	49	15.94	15.91	16.00	17.4	0
20	256QAM	1	99	15.92	15.88	15.95		
20	256QAM	50	0	15.90	15.98	15.97		
20	256QAM	50	24	15.84	15.92	15.83	17.4	0
20	256QAM	50	50	15.81	15.99	15.89		
20	256QAM	100	0	15.83	16.01	15.89		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.82	15.97	15.83		
15	QPSK	1	37	15.81	15.90	15.71	17.4	0
15	QPSK	1	74	15.83	15.80	15.74		
15	QPSK	36	0	15.67	15.92	15.87		
15	QPSK	36	20	15.67	15.85	15.75	17.4	0
15	QPSK	36	39	15.90	15.81	15.81		
15	QPSK	75	0	15.73	15.87	15.71		
15	16QAM	1	0	15.79	15.95	15.93		
15	16QAM	1	37	15.89	15.82	15.83	17.4	0
15	16QAM	1	74	15.81	15.91	15.80		
15	16QAM	36	0	15.87	15.82	15.82		
15	16QAM	36	20	15.76	15.85	15.86	17.4	0
15	16QAM	36	39	15.64	15.83	15.89		
15	16QAM	75	0	15.76	15.87	15.79		
15	64QAM	1	0	15.81	15.93	15.77		
15	64QAM	1	37	15.89	15.96	15.85	17.4	0
15	64QAM	1	74	15.80	15.78	15.79		
15	64QAM	36	0	15.69	15.83	15.79		
15	64QAM	36	20	15.86	15.85	15.96	17.4	0
15	64QAM	36	39	15.67	15.78	15.78		
15	64QAM	75	0	15.89	15.95	15.67		
15	256QAM	1	0	15.85	15.90	15.83		
15	256QAM	1	37	15.90	15.88	15.88	17.4	0
15	256QAM	1	74	15.87	15.70	15.90		
15	256QAM	36	0	15.82	15.80	15.94		
15	256QAM	36	20	15.73	15.85	15.80	17.4	0
15	256QAM	36	39	15.63	15.88	15.72		
15	256QAM	75	0	15.80	15.93	15.81		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.82	16.03	15.97		
10	QPSK	1	25	15.73	15.87	15.67	17.4	0
10	QPSK	1	49	15.84	15.77	15.77		
10	QPSK	25	0	15.68	15.92	15.87		
10	QPSK	25	12	15.64	15.84	15.85	17.4	0
10	QPSK	25	25	15.78	15.74	15.82		
10	QPSK	50	0	15.70	15.83	15.72		
10	16QAM	1	0	15.75	15.98	15.82		
10	16QAM	1	25	15.73	15.70	15.85	17.4	0
10	16QAM	1	49	15.74	15.99	15.83		
10	16QAM	25	0	15.79	15.91	15.96		
10	16QAM	25	12	15.85	15.92	15.82	17.4	0
10	16QAM	25	25	15.73	15.88	15.82		
10	16QAM	50	0	15.72	15.80	15.95		
10	64QAM	1	0	15.72	15.86	15.84		
10	64QAM	1	25	15.84	15.92	15.74	17.4	0
10	64QAM	1	49	15.83	15.87	15.74		
10	64QAM	25	0	15.81	15.90	15.77		
10	64QAM	25	12	15.79	15.76	15.93	17.4	0
10	64QAM	25	25	15.82	15.72	15.89		
10	64QAM	50	0	15.77	15.98	15.80		
10	256QAM	1	0	15.90	15.83	15.80		
10	256QAM	1	25	15.81	15.80	15.87	17.4	0
10	256QAM	1	49	15.86	15.84	15.82		
10	256QAM	25	0	15.82	15.87	15.90		
10	256QAM	25	12	15.81	15.77	15.69	17.4	0
10	256QAM	25	25	15.71	15.92	15.78		
10	256QAM	50	0	15.79	15.88	15.83		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.80	15.94	15.89	17.4	0
5	QPSK	1	12	15.86	15.76	15.74		
5	QPSK	1	24	15.88	15.74	15.69		
5	QPSK	12	0	15.67	15.75	15.86		
5	QPSK	12	7	15.65	15.83	15.76	17.4	0
5	QPSK	12	13	15.84	15.73	15.83		
5	QPSK	25	0	15.68	15.81	15.83		
5	16QAM	1	0	15.78	15.96	15.82		
5	16QAM	1	12	15.90	15.76	15.95	17.4	0
5	16QAM	1	24	15.87	15.95	15.95		
5	16QAM	12	0	15.88	15.82	15.89		
5	16QAM	12	7	15.85	15.99	15.78	17.4	0
5	16QAM	12	13	15.76	15.85	15.89		
5	16QAM	25	0	15.73	15.79	15.96		
5	64QAM	1	0	15.73	15.93	15.89		
5	64QAM	1	12	15.87	15.95	15.88	17.4	0
5	64QAM	1	24	15.82	15.79	15.78		
5	64QAM	12	0	15.75	15.92	15.87		
5	64QAM	12	7	15.76	15.80	15.96	17.4	0
5	64QAM	12	13	15.71	15.68	15.82		
5	64QAM	25	0	15.91	15.90	15.71		
5	256QAM	1	0	15.94	15.97	15.80		
5	256QAM	1	12	15.91	15.85	15.94	17.4	0
5	256QAM	1	24	15.77	15.74	15.87		
5	256QAM	12	0	15.82	15.87	15.91		
5	256QAM	12	7	15.82	15.88	15.79	17.4	0
5	256QAM	12	13	15.71	15.95	15.77		
5	256QAM	25	0	15.74	15.95	15.78		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.89	16.02	15.93		
3	QPSK	1	8	15.88	15.89	15.75	17.4	0
3	QPSK	1	14	15.86	15.73	15.73		
3	QPSK	8	0	15.66	15.85	15.86		
3	QPSK	8	4	15.78	15.77	15.73	17.4	0
3	QPSK	8	7	15.79	15.73	15.74		
3	QPSK	15	0	15.72	15.78	15.73		
3	16QAM	1	0	15.85	15.87	15.81		
3	16QAM	1	8	15.76	15.73	15.97	17.4	0
3	16QAM	1	14	15.74	15.92	15.91		
3	16QAM	8	0	15.78	15.87	15.93		
3	16QAM	8	4	15.72	15.91	15.81	17.4	0
3	16QAM	8	7	15.77	15.88	15.90		
3	16QAM	15	0	15.64	15.88	15.85		
3	64QAM	1	0	15.85	15.84	15.85		
3	64QAM	1	8	15.80	15.84	15.73	17.4	0
3	64QAM	1	14	15.76	15.84	15.81		
3	64QAM	8	0	15.77	15.95	15.77		
3	64QAM	8	4	15.72	15.76	15.92	17.4	0
3	64QAM	8	7	15.66	15.79	15.88		
3	64QAM	15	0	15.88	15.94	15.64		
3	256QAM	1	0	15.84	15.80	15.87		
3	256QAM	1	8	15.86	15.73	15.88	17.4	0
3	256QAM	1	14	15.87	15.80	15.80		
3	256QAM	8	0	15.87	15.80	15.79		
3	256QAM	8	4	15.78	15.75	15.82	17.4	0
3	256QAM	8	7	15.75	15.94	15.78		
3	256QAM	15	0	15.68	15.83	15.83		
Channel				18607	18350	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.79	15.97	15.83		
1.4	QPSK	1	3	15.79	15.84	15.74		
1.4	QPSK	1	5	15.84	15.85	15.74	17.4	0
1.4	QPSK	3	0	15.66	15.77	15.75		
1.4	QPSK	3	1	15.71	15.86	15.85		
1.4	QPSK	3	3	15.90	15.80	15.90		
1.4	QPSK	6	0	15.77	15.81	15.77	17.4	0
1.4	16QAM	1	0	15.72	15.87	15.89		
1.4	16QAM	1	3	15.80	15.85	15.93		
1.4	16QAM	1	5	15.73	15.92	15.90	17.4	0
1.4	16QAM	3	0	15.89	15.81	15.85		
1.4	16QAM	3	1	15.74	15.94	15.73		
1.4	16QAM	3	3	15.78	15.87	15.77		
1.4	16QAM	6	0	15.76	15.77	15.87	17.4	0
1.4	64QAM	1	0	15.85	15.88	15.75		
1.4	64QAM	1	3	15.85	15.97	15.86		
1.4	64QAM	1	5	15.74	15.87	15.68	17.4	0
1.4	64QAM	3	0	15.71	15.92	15.83		
1.4	64QAM	3	1	15.79	15.85	15.82		
1.4	64QAM	3	3	15.74	15.81	15.82		
1.4	64QAM	6	0	15.91	15.85	15.80	17.4	0
1.4	256QAM	1	0	15.95	15.86	15.82		
1.4	256QAM	1	3	15.77	15.86	15.93		
1.4	256QAM	1	5	15.82	15.83	15.85	17.4	0
1.4	256QAM	3	0	15.74	15.95	15.82		
1.4	256QAM	3	1	15.72	15.82	15.76		
1.4	256QAM	3	3	15.64	15.95	15.86		
1.4	256QAM	6	0	15.74	15.95	15.76	17.4	0

Band 4 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.52	15.70	15.67		
20	QPSK	1	49	15.39	15.60	15.54	17	0
20	QPSK	1	99	15.38	15.56	15.64		
20	QPSK	50	0	15.56	15.69	15.48		
20	QPSK	50	24	15.32	15.40	15.62	17	0
20	QPSK	50	50	15.40	15.52	15.45		
20	QPSK	100	0	15.27	15.54	15.52		
20	16QAM	1	0	15.38	15.56	15.42		
20	16QAM	1	49	15.43	15.46	15.55	17	0
20	16QAM	1	99	15.51	15.52	15.51		
20	16QAM	50	0	15.47	15.56	15.47		
20	16QAM	50	24	15.30	15.63	15.58	17	0
20	16QAM	50	50	15.47	15.48	15.34		
20	16QAM	100	0	15.42	15.56	15.51		
20	64QAM	1	0	15.27	15.56	15.54		
20	64QAM	1	49	15.41	15.60	15.54	17	0
20	64QAM	1	99	15.38	15.51	15.51		
20	64QAM	50	0	15.42	15.53	15.38		
20	64QAM	50	24	15.40	15.38	15.56	17	0
20	64QAM	50	50	15.42	15.67	15.47		
20	64QAM	100	0	15.32	15.47	15.40		
20	256QAM	1	0	15.42	15.54	15.45		
20	256QAM	1	49	15.36	15.66	15.53	17	0
20	256QAM	1	99	15.30	15.63	15.50		
20	256QAM	50	0	15.33	15.50	15.49		
20	256QAM	50	24	15.39	15.52	15.54	17	0
20	256QAM	50	50	15.48	15.66	15.45		
20	256QAM	100	0	15.44	15.55	15.58		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.48	15.64	15.64		
15	QPSK	1	37	15.28	15.56	15.43	17	0
15	QPSK	1	74	15.28	15.57	15.45		
15	QPSK	36	0	15.50	15.54	15.38		
15	QPSK	36	20	15.19	15.38	15.45	17	0
15	QPSK	36	39	15.39	15.49	15.32		
15	QPSK	75	0	15.10	15.36	15.35		
15	16QAM	1	0	15.20	15.46	15.39		
15	16QAM	1	37	15.40	15.34	15.41	17	0
15	16QAM	1	74	15.41	15.34	15.34		
15	16QAM	36	0	15.38	15.45	15.43		
15	16QAM	36	20	15.14	15.49	15.47	17	0
15	16QAM	36	39	15.41	15.37	15.22		
15	16QAM	75	0	15.20	15.40	15.34		
15	64QAM	1	0	15.18	15.37	15.37		
15	64QAM	1	37	15.27	15.47	15.39	17	0
15	64QAM	1	74	15.33	15.40	15.39		
15	64QAM	36	0	15.26	15.36	15.26		
15	64QAM	36	20	15.36	15.36	15.53	17	0
15	64QAM	36	39	15.34	15.55	15.29		
15	64QAM	75	0	15.30	15.46	15.28		
15	256QAM	1	0	15.37	15.39	15.32		
15	256QAM	1	37	15.27	15.51	15.46	17	0
15	256QAM	1	74	15.16	15.52	15.43		
15	256QAM	36	0	15.24	15.44	15.34		
15	256QAM	36	20	15.33	15.47	15.47	17	0
15	256QAM	36	39	15.47	15.65	15.28		
15	256QAM	75	0	15.30	15.46	15.47		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.39	15.60	15.52		
10	QPSK	1	25	15.28	15.48	15.45	17	0
10	QPSK	1	49	15.37	15.54	15.61		
10	QPSK	25	0	15.42	15.64	15.29		
10	QPSK	25	12	15.21	15.32	15.55	17	0
10	QPSK	25	25	15.28	15.41	15.30		
10	QPSK	50	0	15.22	15.38	15.33		
10	16QAM	1	0	15.32	15.41	15.23		
10	16QAM	1	25	15.28	15.44	15.42	17	0
10	16QAM	1	49	15.35	15.44	15.48		
10	16QAM	25	0	15.39	15.51	15.39		
10	16QAM	25	12	15.25	15.60	15.44	17	0
10	16QAM	25	25	15.42	15.37	15.28		
10	16QAM	50	0	15.24	15.43	15.33		
10	64QAM	1	0	15.21	15.28	15.47		
10	64QAM	1	25	15.39	15.49	15.36	17	0
10	64QAM	1	49	15.24	15.37	15.35		
10	64QAM	25	0	15.27	15.38	15.25		
10	64QAM	25	12	15.35	15.32	15.51	17	0
10	64QAM	25	25	15.36	15.54	15.40		
10	64QAM	50	0	15.17	15.40	15.23		
10	256QAM	1	0	15.39	15.43	15.30		
10	256QAM	1	25	15.34	15.65	15.47	17	0
10	256QAM	1	49	15.18	15.60	15.48		
10	256QAM	25	0	15.30	15.37	15.38		
10	256QAM	25	12	15.37	15.37	15.48	17	0
10	256QAM	25	25	15.41	15.62	15.31		
10	256QAM	50	0	15.38	15.48	15.52		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1713.5	1732.5	1752.5		
5	QPSK	1	0	15.45	15.60	15.65		
5	QPSK	1	12	15.25	15.49	15.38	17	0
5	QPSK	1	24	15.36	15.55	15.52		
5	QPSK	12	0	15.55	15.51	15.44		
5	QPSK	12	7	15.18	15.33	15.46	17	0
5	QPSK	12	13	15.26	15.35	15.33		
5	QPSK	25	0	15.14	15.41	15.40		
5	16QAM	1	0	15.36	15.49	15.34		
5	16QAM	1	12	15.35	15.32	15.49	17	0
5	16QAM	1	24	15.34	15.51	15.35		
5	16QAM	12	0	15.42	15.38	15.45		
5	16QAM	12	7	15.28	15.50	15.47	17	0
5	16QAM	12	13	15.31	15.38	15.24		
5	16QAM	25	0	15.25	15.41	15.35		
5	64QAM	1	0	15.12	15.21	15.40		
5	64QAM	1	12	15.38	15.44	15.46	17	0
5	64QAM	1	24	15.28	15.37	15.36		
5	64QAM	12	0	15.41	15.35	15.21		
5	64QAM	12	7	15.28	15.27	15.45	17	0
5	64QAM	12	13	15.36	15.62	15.45		
5	64QAM	25	0	15.21	15.30	15.27		
5	256QAM	1	0	15.36	15.39	15.41		
5	256QAM	1	12	15.20	15.55	15.39	17	0
5	256QAM	1	24	15.23	15.47	15.33		
5	256QAM	12	0	15.26	15.38	15.32		
5	256QAM	12	7	15.20	15.44	15.50	17	0
5	256QAM	12	13	15.44	15.60	15.32		
5	256QAM	25	0	15.42	15.42	15.52		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.40	15.59	15.65		
3	QPSK	1	8	15.20	15.48	15.50	17	0
3	QPSK	1	14	15.30	15.42	15.61		
3	QPSK	8	0	15.51	15.52	15.34		
3	QPSK	8	4	15.15	15.32	15.49	17	0
3	QPSK	8	7	15.38	15.41	15.44		
3	QPSK	15	0	15.17	15.37	15.44		
3	16QAM	1	0	15.23	15.46	15.39		
3	16QAM	1	8	15.35	15.40	15.51	17	0
3	16QAM	1	14	15.40	15.36	15.40		
3	16QAM	8	0	15.42	15.47	15.35		
3	16QAM	8	4	15.28	15.49	15.53	17	0
3	16QAM	8	7	15.42	15.34	15.30		
3	16QAM	15	0	15.24	15.53	15.37		
3	64QAM	1	0	15.12	15.37	15.44		
3	64QAM	1	8	15.35	15.45	15.42	17	0
3	64QAM	1	14	15.37	15.46	15.42		
3	64QAM	8	0	15.37	15.37	15.37		
3	64QAM	8	4	15.23	15.33	15.43	17	0
3	64QAM	8	7	15.32	15.50	15.45		
3	64QAM	15	0	15.28	15.34	15.32		
3	256QAM	1	0	15.36	15.39	15.44		
3	256QAM	1	8	15.25	15.54	15.39	17	0
3	256QAM	1	14	15.13	15.61	15.48		
3	256QAM	8	0	15.28	15.38	15.43		
3	256QAM	8	4	15.22	15.44	15.38	17	0
3	256QAM	8	7	15.41	15.59	15.37		
3	256QAM	15	0	15.36	15.53	15.48		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.51	15.67	15.48		
1.4	QPSK	1	3	15.23	15.44	15.39		
1.4	QPSK	1	5	15.37	15.51	15.63	17	0
1.4	QPSK	3	0	15.41	15.57	15.40		
1.4	QPSK	3	1	15.20	15.23	15.48		
1.4	QPSK	3	3	15.24	15.35	15.41		
1.4	QPSK	6	0	15.12	15.36	15.33	17	0
1.4	16QAM	1	0	15.23	15.40	15.23		
1.4	16QAM	1	3	15.31	15.38	15.47		
1.4	16QAM	1	5	15.40	15.45	15.34	17	0
1.4	16QAM	3	0	15.34	15.43	15.45		
1.4	16QAM	3	1	15.27	15.45	15.51		
1.4	16QAM	3	3	15.43	15.38	15.26		
1.4	16QAM	6	0	15.26	15.44	15.45	17	0
1.4	64QAM	1	0	15.23	15.28	15.45		
1.4	64QAM	1	3	15.35	15.47	15.36		
1.4	64QAM	1	5	15.37	15.36	15.48	17	0
1.4	64QAM	3	0	15.34	15.51	15.32		
1.4	64QAM	3	1	15.21	15.26	15.38		
1.4	64QAM	3	3	15.29	15.59	15.36		
1.4	64QAM	6	0	15.14	15.29	15.24	17	0
1.4	256QAM	1	0	15.27	15.44	15.33		
1.4	256QAM	1	3	15.27	15.47	15.36		
1.4	256QAM	1	5	15.13	15.58	15.44	17	0
1.4	256QAM	3	0	15.18	15.47	15.39		
1.4	256QAM	3	1	15.32	15.41	15.48		
1.4	256QAM	3	3	15.44	15.60	15.32		
1.4	256QAM	6	0	15.36	15.46	15.54	17	0

Band 5 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.57	22.67	22.41		
10	QPSK	1	25	22.38	22.59	22.39	24	0
10	QPSK	1	49	22.49	22.47	22.44		
10	QPSK	25	0	21.43	21.48	21.45		
10	QPSK	25	12	21.22	21.35	21.46	23	1
10	QPSK	25	25	21.22	21.44	21.30		
10	QPSK	50	0	21.25	21.46	21.37		
10	16QAM	1	0	21.24	21.33	21.44		
10	16QAM	1	25	21.41	21.30	21.27	23	1
10	16QAM	1	49	21.29	21.44	21.24		
10	16QAM	25	0	20.47	20.47	20.43		
10	16QAM	25	12	20.34	20.40	20.37	22	2

Band 7 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.05	18.13	18.09	19.2	0
20	QPSK	1	49	17.90	17.96	17.99		
20	QPSK	1	99	17.96	18.02	18.02		
20	QPSK	50	0	17.99	18.10	17.95	19.2	0
20	QPSK	50	24	17.93	18.02	18.06		
20	QPSK	50	50	17.94	17.98	17.95		
20	QPSK	100	0	17.98	18.08	17.96		
20	16QAM	1	0	17.87	17.95	18.05	19.2	0
20	16QAM	1	49	17.95	18.01	18.05		
20	16QAM	1	99	18.04	18.08	17.98		
20	16QAM	50	0	18.02	18.05	17.92	19.2	0
20	16QAM	50	24	17.98	18.00	17.97		
20	16QAM	50	50	17.93	18.03	18.08		
20	16QAM	100	0	17.99	17.96	17.97		
20	64QAM	1	0	18.01	18.01	18.03	19.2	0
20	64QAM	1	49	18.01	18.11	18.06		
20	64QAM	1	99	17.93	18.06	18.02		
20	64QAM	50	0	17.95	18.04	17.93	19.2	0
20	64QAM	50	24	17.95	18.01	17.97		
20	64QAM	50	50	17.98	18.09	17.93		
20	64QAM	100	0	17.92	17.99	18.04		
20	256QAM	1	0	17.86	17.94	18.07	19	0.2
20	256QAM	1	49	17.91	18.05	18.08		
20	256QAM	1	99	17.96	17.99	17.94		
20	256QAM	50	0	17.97	18.05	18.01	19	0.2
20	256QAM	50	24	17.87	18.02	18.01		
20	256QAM	50	50	17.90	18.08	18.01		
20	256QAM	100	0	17.93	17.96	17.90		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.95	18.00	17.91	19.2	0
15	QPSK	1	37	17.72	17.91	17.92		
15	QPSK	1	74	17.79	17.93	17.84		
15	QPSK	36	0	17.84	17.87	17.83	19.2	0
15	QPSK	36	20	17.84	18.01	17.95		
15	QPSK	36	39	17.91	17.92	17.91		
15	QPSK	75	0	17.96	17.93	17.92		
15	16QAM	1	0	17.86	17.85	17.98	19.2	0
15	16QAM	1	37	17.84	17.91	17.96		
15	16QAM	1	74	17.98	17.99	17.92		
15	16QAM	36	0	17.90	18.00	17.74	19.2	0
15	16QAM	36	20	17.91	17.86	17.93		
15	16QAM	36	39	17.92	17.90	17.93		
15	16QAM	75	0	17.83	17.93	17.81		
15	64QAM	1	0	17.97	17.99	17.98	19.2	0
15	64QAM	1	37	17.96	17.98	17.92		
15	64QAM	1	74	17.80	18.03	17.83		
15	64QAM	36	0	17.78	17.86	17.80	19.2	0
15	64QAM	36	20	17.88	17.92	17.78		
15	64QAM	36	39	17.82	17.90	17.84		
15	64QAM	75	0	17.79	17.97	17.97		
15	256QAM	1	0	17.68	17.88	18.05	19	0.2
15	256QAM	1	37	17.86	17.92	17.93		
15	256QAM	1	74	17.85	17.87	17.92		
15	256QAM	36	0	17.96	17.97	17.83	19	0.2
15	256QAM	36	20	17.82	17.99	17.88		
15	256QAM	36	39	17.74	17.93	17.83		
15	256QAM	75	0	17.87	17.78	17.88		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.94	18.02	18.07	19.2	0
10	QPSK	1	25	17.72	17.79	17.86		
10	QPSK	1	49	17.91	17.85	18.01		
10	QPSK	25	0	17.91	17.89	17.83	19.2	0
10	QPSK	25	12	17.82	18.08	17.97		
10	QPSK	25	25	17.88	17.91	17.81		
10	QPSK	50	0	17.93	17.98	17.87		
10	16QAM	1	0	17.83	17.79	17.97	19.2	0
10	16QAM	1	25	17.86	17.92	17.98		
10	16QAM	1	49	17.92	18.01	17.91		
10	16QAM	25	0	17.94	17.93	17.82	19.2	0
10	16QAM	25	12	17.94	17.90	17.87		
10	16QAM	25	25	17.94	17.96	17.91		
10	16QAM	50	0	17.94	17.90	17.91		
10	64QAM	1	0	17.88	17.90	17.90	19.2	0
10	64QAM	1	25	17.89	17.96	17.96		
10	64QAM	1	49	17.82	17.88	17.99		
10	64QAM	25	0	17.80	17.86	17.75	19.2	0
10	64QAM	25	12	17.90	17.86	17.94		
10	64QAM	25	25	17.91	18.05	17.77		
10	64QAM	50	0	17.86	17.83	18.01		
10	256QAM	1	0	17.70	17.86	18.02	19	0.2
10	256QAM	1	25	17.88	17.94	17.92		
10	256QAM	1	49	17.77	17.84	17.92		
10	256QAM	25	0	17.93	17.87	17.91	19	0.2
10	256QAM	25	12	17.70	17.88	17.96		
10	256QAM	25	25	17.85	18.00	17.91		
10	256QAM	50	0	17.75	17.79	17.79		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.96	18.04	18.03	19.2	0
5	QPSK	1	12	17.71	17.87	17.89		
5	QPSK	1	24	17.87	17.97	17.89		
5	QPSK	12	0	17.98	17.95	17.79	19.2	0
5	QPSK	12	7	17.78	17.93	18.02		
5	QPSK	12	13	17.75	17.92	17.86		
5	QPSK	25	0	17.87	18.06	17.94		
5	16QAM	1	0	17.82	17.80	17.93	19.2	0
5	16QAM	1	12	17.86	17.85	18.04		
5	16QAM	1	24	17.97	17.95	17.79		
5	16QAM	12	0	17.92	17.97	17.78	19.2	0
5	16QAM	12	7	17.94	17.84	17.81		
5	16QAM	12	13	17.90	17.86	18.06		
5	16QAM	25	0	17.81	17.78	17.91		
5	64QAM	1	0	17.94	17.99	17.90	19.2	0
5	64QAM	1	12	17.91	17.99	18.01		
5	64QAM	1	24	17.75	17.96	18.00		
5	64QAM	12	0	17.91	17.85	17.79	19.2	0
5	64QAM	12	7	17.84	17.94	17.92		
5	64QAM	12	13	17.83	17.91	17.89		
5	64QAM	25	0	17.85	17.97	17.91		
5	256QAM	1	0	17.67	17.81	17.89	19	0.2
5	256QAM	1	12	17.75	17.97	17.98		
5	256QAM	1	24	17.90	17.96	17.81		
5	256QAM	12	0	17.93	18.02	17.93	19	0.2
5	256QAM	12	7	17.71	18.00	17.91		
5	256QAM	12	13	17.74	17.94	17.95		
5	256QAM	25	0	17.86	17.82	17.88		

Band 12 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	20.64	20.77	20.69	21.9	0
10	QPSK	1	25	20.54	20.74	20.63		
10	QPSK	1	49	20.51	20.70	20.64		
10	QPSK	25	0	20.49	20.74	20.52	21.9	0
10	QPSK	25	12	20.61	20.71	20.58		
10	QPSK	25	25	20.61	20.67	20.54		
10	QPSK	50	0	20.54	20.70	20.58		
10	16QAM	1	0	20.45	20.71	20.50	21.9	0
10	16QAM	1	25	20.47	20.75	20.52		
10	16QAM	1	49	20.56	20.76	20.57		
10	16QAM	25	0	20.58	20.66	20.68	21.9	0
10	16QAM	25	12	20.56	20.68	20.56		
10	16QAM	25	25	20.62	20.73	20.56		
10	16QAM	50	0	20.54	20.60	20.55		
10	64QAM	1	0	20.61	20.72	20.67	21.9	0
10	64QAM	1	25	20.55	20.74	20.56		
10	64QAM	1	49	20.61	20.73	20.56		
10	64QAM	25	0	19.69	19.66	19.62	21	0.9
10	64QAM	25	12	19.66	19.69	19.65		
10	64QAM	25	25	19.60	19.51	19.60		
10	64QAM	50	0	19.60	19.49	19.49		
10	256QAM	1	0	17.59	17.63	17.66	19	2.9
10	256QAM	1	25	17.59	17.49	17.50		
10	256QAM	1	49	17.70	17.58	17.60		
10	256QAM	25	0	17.53	17.50	17.60	19	2.9
10	256QAM	25	12	17.53	17.54	17.61		
10	256QAM	25	25	17.61	17.55	17.53		
10	256QAM	50	0	17.54	17.50	17.63		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	20.51	20.62	20.61	21.9	0
5	QPSK	1	12	20.40	20.60	20.48		
5	QPSK	1	24	20.49	20.66	20.49		
5	QPSK	12	0	20.45	20.52	20.47	21.9	0
5	QPSK	12	7	20.59	20.62	20.57		
5	QPSK	12	13	20.53	20.51	20.44		
5	QPSK	25	0	20.48	20.59	20.44		
5	16QAM	1	0	20.30	20.53	20.49	21.9	0
5	16QAM	1	12	20.42	20.64	20.46		
5	16QAM	1	24	20.49	20.68	20.45		
5	16QAM	12	0	20.44	20.59	20.61	21.9	0
5	16QAM	12	7	20.53	20.56	20.42		
5	16QAM	12	13	20.59	20.72	20.45		
5	16QAM	25	0	20.51	20.57	20.46		
5	64QAM	1	0	20.48	20.59	20.61	21.9	0
5	64QAM	1	12	20.54	20.59	20.44		
5	64QAM	1	24	20.50	20.58	20.41		
5	64QAM	12	0	19.53	19.58	19.40	21	0.9
5	64QAM	12	7	19.61	19.62	19.44		
5	64QAM	12	13	19.40	19.36	19.54		
5	64QAM	25	0	19.47	19.37	19.38		
5	256QAM	1	0	17.39	17.50	17.50	19	2.9
5	256QAM	1	12	17.49	17.42	17.33		
5	256QAM	1	24	17.64	17.53	17.46		
5	256QAM	12	0	17.38	17.43	17.44	19	2.9
5	256QAM	12	7	17.41	17.43	17.57		
5	256QAM	12	13	17.57	17.37	17.40		
5	256QAM	25	0	17.33	17.34	17.49		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	20.63	20.59	20.57	21.9	0
3	QPSK	1	8	20.45	20.63	20.62		
3	QPSK	1	14	20.45	20.68	20.54		
3	QPSK	8	0	20.37	20.51	20.34	21.9	0
3	QPSK	8	4	20.50	20.56	20.46		
3	QPSK	8	7	20.49	20.55	20.50		
3	QPSK	15	0	20.46	20.67	20.55		
3	16QAM	1	0	20.36	20.61	20.41	21.9	0
3	16QAM	1	8	20.33	20.68	20.35		
3	16QAM	1	14	20.53	20.65	20.55		
3	16QAM	8	0	20.49	20.54	20.49	21.9	0
3	16QAM	8	4	20.41	20.60	20.41		
3	16QAM	8	7	20.51	20.54	20.54		
3	16QAM	15	0	20.51	20.45	20.53		
3	64QAM	1	0	20.53	20.64	20.63	21.9	0
3	64QAM	1	8	20.37	20.56	20.43		
3	64QAM	1	14	20.44	20.58	20.39		
3	64QAM	8	0	19.61	19.52	19.41	21	0.9
3	64QAM	8	4	19.48	19.65	19.44		
3	64QAM	8	7	19.39	19.43	19.41		
3	64QAM	15	0	19.44	19.43	19.45		
3	256QAM	1	0	17.52	17.42	17.52	19	2.9
3	256QAM	1	8	17.43	17.34	17.30		
3	256QAM	1	14	17.53	17.38	17.56		
3	256QAM	8	0	17.45	17.38	17.50	19	2.9
3	256QAM	8	4	17.45	17.42	17.42		
3	256QAM	8	7	17.45	17.34	17.34		
3	256QAM	15	0	17.49	17.34	17.42		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	20.49	20.75	20.57	21.9	0
1.4	QPSK	1	3	20.39	20.69	20.50		
1.4	QPSK	1	5	20.39	20.59	20.53		
1.4	QPSK	3	0	20.31	20.45	20.41		
1.4	QPSK	3	1	20.48	20.59	20.56		
1.4	QPSK	3	3	20.52	20.52	20.36		
1.4	QPSK	6	0	20.37	20.70	20.41	21.9	0
1.4	16QAM	1	0	20.39	20.54	20.32	21.9	0
1.4	16QAM	1	3	20.32	20.65	20.49		
1.4	16QAM	1	5	20.43	20.61	20.45		
1.4	16QAM	3	0	20.48	20.53	20.62		
1.4	16QAM	3	1	20.39	20.60	20.39		
1.4	16QAM	3	3	20.48	20.65	20.41		
1.4	16QAM	6	0	20.37	20.48	20.39	21.9	0
1.4	64QAM	1	0	20.47	20.54	20.55	21.9	0
1.4	64QAM	1	3	20.36	20.56	20.50		
1.4	64QAM	1	5	20.45	20.72	20.46		
1.4	64QAM	3	0	20.51	20.54	20.46		
1.4	64QAM	3	1	20.37	20.41	20.45		
1.4	64QAM	3	3	20.64	20.40	20.42		
1.4	64QAM	6	0	19.44	19.35	19.35	21	0.9
1.4	256QAM	1	0	17.44	17.41	17.51	19	2.9
1.4	256QAM	1	3	17.44	17.28	17.45		
1.4	256QAM	1	5	17.63	17.37	17.46		
1.4	256QAM	3	0	17.34	17.44	17.54		
1.4	256QAM	3	1	17.44	17.35	17.45		
1.4	256QAM	3	3	17.41	17.47	17.37		
1.4	256QAM	6	0	17.35	17.32	17.58	19	2.9

Band 13 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.44		23.5	0
10	QPSK	1	25		22.39			
10	QPSK	1	49		22.27			
10	QPSK	25	0		21.91		23	0.5
10	QPSK	25	12		21.74			
10	QPSK	25	25		21.84			
10	QPSK	50	0		21.86			
10	16QAM	1	0		21.82		23	0.5
10	16QAM	1	25		21.83			
10	16QAM	1	49		21.90			
10	16QAM	25	0		20.88		22	1.5
10	16QAM	25	12		20.80			
10	16QAM	25	25		20.70			
10	16QAM	50	0		20.83			
10	64QAM	1	0		20.79		22	1.5
10	64QAM	1	25		20.85			
10	64QAM	1	49		20.67			
10	64QAM	25	0		19.85		21	2.5
10	64QAM	25	12		19.66			
10	64QAM	25	25		19.79			
10	64QAM	50	0		19.81			
10	256QAM	1	0		18.06		19	4.5
10	256QAM	1	25		17.96			
10	256QAM	1	49		18.03			
10	256QAM	25	0		17.89		19	4.5
10	256QAM	25	12		17.90			
10	256QAM	25	25		17.92			
10	256QAM	50	0		17.81			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.28	22.34	22.29	23.5	0
5	QPSK	1	12	22.02	22.11	22.30		
5	QPSK	1	24	22.06	22.08	22.16		
5	QPSK	12	0	21.76	21.81	21.70	23	0.5
5	QPSK	12	7	21.59	21.61	21.66		
5	QPSK	12	13	21.71	21.67	21.80		
5	QPSK	25	0	21.71	21.79	21.72		
5	16QAM	1	0	21.63	21.66	21.70	23	0.5
5	16QAM	1	12	21.62	21.71	21.77		
5	16QAM	1	24	21.74	21.78	21.79		
5	16QAM	12	0	20.81	20.81	20.75	22	1.5
5	16QAM	12	7	20.70	20.68	20.70		
5	16QAM	12	13	20.57	20.56	20.60		
5	16QAM	25	0	20.78	20.70	20.73		
5	64QAM	1	0	20.63	20.64	20.69	22	1.5
5	64QAM	1	12	20.69	20.81	20.73		
5	64QAM	1	24	20.47	20.63	20.52		
5	64QAM	12	0	19.71	19.64	19.73	21	2.5
5	64QAM	12	7	19.46	19.53	19.45		
5	64QAM	12	13	19.67	19.63	19.65		
5	64QAM	25	0	19.64	19.64	19.62		
5	256QAM	1	0	17.88	17.98	17.86	19	4.5
5	256QAM	1	12	17.84	17.92	17.84		
5	256QAM	1	24	17.97	17.82	17.88		
5	256QAM	12	0	17.76	17.79	17.83	19	4.5
5	256QAM	12	7	17.71	17.82	17.76		
5	256QAM	12	13	17.80	17.88	17.81		
5	256QAM	25	0	17.65	17.61	17.72		

Band 17 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	20.38	20.63	20.47		
10	QPSK	1	25	20.29	20.55	20.44	21.9	0
10	QPSK	1	49	20.25	20.42	20.51		
10	QPSK	25	0	20.27	20.54	20.40		
10	QPSK	25	12	20.34	20.53	20.35	21.9	0
10	QPSK	25	25	20.33	20.43	20.35		
10	QPSK	50	0	20.37	20.53	20.39		
10	16QAM	1	0	20.24	20.54	20.36		
10	16QAM	1	25	20.18	20.59	20.30	21.9	0
10	16QAM	1	49	20.43	20.62	20.30		
10	16QAM	25	0	20.39	20.48	20.41		
10	16QAM	25	12	20.45	20.44	20.42	21.9	0
10	16QAM	25	25	20.40	20.61	20.29		
10	16QAM	50	0	20.41	20.35	20.36		
10	64QAM	1	0	20.46	20.46	20.42		
10	64QAM	1	25	20.32	20.60	20.44	21.9	0
10	64QAM	1	49	20.35	20.55	20.30		
10	64QAM	25	0	19.41	19.36	19.53		
10	64QAM	25	12	19.39	19.47	19.49	21	0.9
10	64QAM	25	25	19.39	19.46	19.45		
10	64QAM	50	0	19.38	19.50	19.49		
10	256QAM	1	0	17.44	17.42	17.40		
10	256QAM	1	25	17.39	17.37	17.44	19	2.9
10	256QAM	1	49	17.47	17.48	17.46		
10	256QAM	25	0	17.55	17.32	17.50		
10	256QAM	25	12	17.43	17.34	17.41	19	2.9
10	256QAM	25	25	17.38	17.55	17.41		
10	256QAM	50	0	17.50	17.56	17.41		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	20.13	20.47	20.29		
5	QPSK	1	12	20.03	20.29	20.20	21.9	0
5	QPSK	1	24	19.97	20.27	20.31		
5	QPSK	12	0	20.04	20.34	20.28		
5	QPSK	12	7	20.16	20.29	20.12	21.9	0
5	QPSK	12	13	20.21	20.26	20.09		
5	QPSK	25	0	20.13	20.35	20.23		
5	16QAM	1	0	20.05	20.39	20.18		
5	16QAM	1	12	20.06	20.41	20.03	21.9	0
5	16QAM	1	24	20.18	20.42	20.06		
5	16QAM	12	0	20.13	20.21	20.13		
5	16QAM	12	7	20.17	20.25	20.28	21.9	0
5	16QAM	12	13	20.25	20.33	20.13		
5	16QAM	25	0	20.27	20.13	20.17		
5	64QAM	1	0	20.23	20.22	20.19		
5	64QAM	1	12	20.09	20.45	20.22	21.9	0
5	64QAM	1	24	20.11	20.32	20.07		
5	64QAM	12	0	19.20	19.20	19.45		
5	64QAM	12	7	19.17	19.32	19.37	21	0.9
5	64QAM	12	13	19.17	19.29	19.34		
5	64QAM	25	0	19.18	19.36	19.40		
5	256QAM	1	0	17.37	17.32	17.23		
5	256QAM	1	12	17.28	17.29	17.38	19	2.9
5	256QAM	1	24	17.34	17.41	17.26		
5	256QAM	12	0	17.46	17.23	17.40		
5	256QAM	12	7	17.29	17.13	17.20	19	2.9
5	256QAM	12	13	17.33	17.47	17.34		
5	256QAM	25	0	17.37	17.40	17.33		

Band 26 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.58	22.71	22.56		
15	QPSK	1	37	22.43	22.67	22.45	24	0
15	QPSK	1	74	22.47	22.52	22.47		
15	QPSK	36	0	21.49	21.54	21.51		
15	QPSK	36	20	21.46	21.38	21.48	23	1
15	QPSK	36	39	21.36	21.51	21.40		
15	QPSK	75	0	21.37	21.51	21.46		
15	16QAM	1	0	21.38	21.45	21.49		
15	16QAM	1	37	21.49	21.42	21.37	23	1
15	16QAM	1	74	21.33	21.38	21.53		
15	16QAM	36	0	20.52	20.46	20.44		
15	16QAM	36	20	20.40	20.41	20.52	22	2
15	16QAM	36	39	20.33	20.49	20.46		
15	16QAM	75	0	20.49	20.50	20.49		
15	64QAM	1	0	20.51	20.54	20.37		
15	64QAM	1	37	20.42	20.47	20.31	22	2
15	64QAM	1	74	20.37	20.31	20.40		
15	64QAM	36	0	19.38	19.35	19.45		
15	64QAM	36	20	19.45	19.28	19.40	21	3
15	64QAM	36	39	19.37	19.33	19.43		
15	64QAM	75	0	19.28	19.29	19.48		
15	256QAM	1	0	17.34	17.32	17.33		
15	256QAM	1	37	17.53	17.41	17.55	19	5
15	256QAM	1	74	17.45	17.37	17.41		
15	256QAM	36	0	17.49	17.37	17.37		
15	256QAM	36	20	17.53	17.34	17.38	19	5
15	256QAM	36	39	17.31	17.52	17.45		
15	256QAM	75	0	17.45	17.47	17.54		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.49	22.63	22.43		
10	QPSK	1	25	22.22	22.55	22.26	24	0
10	QPSK	1	49	22.38	22.41	22.42		
10	QPSK	25	0	21.44	21.50	21.42		
10	QPSK	25	12	21.37	21.19	21.37	23	1
10	QPSK	25	25	21.27	21.32	21.30		
10	QPSK	50	0	21.17	21.44	21.35		
10	16QAM	1	0	21.29	21.25	21.34		
10	16QAM	1	25	21.41	21.30	21.29	23	1
10	16QAM	1	49	21.20	21.34	21.41		
10	16QAM	25	0	20.47	20.33	20.29		
10	16QAM	25	12	20.29	20.27	20.38	22	2
10	16QAM	25	25	20.11	20.40	20.33		
10	16QAM	50	0	20.44	20.38	20.34		
10	64QAM	1	0	20.42	20.49	20.19		
10	64QAM	1	25	20.36	20.42	20.18	22	2
10	64QAM	1	49	20.30	20.20	20.23		
10	64QAM	25	0	19.20	19.22	19.24		
10	64QAM	25	12	19.36	19.18	19.20	21	3
10	64QAM	25	25	19.33	19.12	19.32		
10	64QAM	50	0	19.12	19.21	19.36		
10	256QAM	1	0	17.19	17.19	17.12		
10	256QAM	1	25	17.43	17.33	17.35	19	5
10	256QAM	1	49	17.26	17.28	17.20		
10	256QAM	25	0	17.44	17.31	17.28		
10	256QAM	25	12	17.44	17.18	17.19	19	5
10	256QAM	25	25	17.18	17.37	17.34		
10	256QAM	50	0	17.32	17.27	17.43		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.43	22.59	22.36		
5	QPSK	1	12	22.24	22.49	22.34	24	0
5	QPSK	1	24	22.31	22.36	22.25		
5	QPSK	12	0	21.30	21.45	21.42		
5	QPSK	12	7	21.30	21.25	21.33	23	1
5	QPSK	12	13	21.22	21.35	21.29		
5	QPSK	25	0	21.28	21.47	21.36		
5	16QAM	1	0	21.25	21.34	21.31		
5	16QAM	1	12	21.29	21.23	21.32	23	1
5	16QAM	1	24	21.25	21.31	21.44		
5	16QAM	12	0	20.34	20.38	20.33		
5	16QAM	12	7	20.19	20.29	20.35	22	2
5	16QAM	12	13	20.19	20.38	20.41		
5	16QAM	25	0	20.33	20.41	20.45		
5	64QAM	1	0	20.35	20.44	20.24		
5	64QAM	1	12	20.24	20.35	20.11	22	2
5	64QAM	1	24	20.16	20.24	20.30		
5	64QAM	12	0	19.16	19.19	19.31		
5	64QAM	12	7	19.38	19.10	19.31	21	3
5	64QAM	12	13	19.29	19.25	19.37		
5	64QAM	25	0	19.21	19.10	19.38		
5	256QAM	1	0	17.26	17.26	17.16		
5	256QAM	1	12	17.32	17.30	17.38	19	5
5	256QAM	1	24	17.27	17.24	17.26		
5	256QAM	12	0	17.34	17.18	17.26		
5	256QAM	12	7	17.45	17.27	17.22	19	5
5	256QAM	12	13	17.21	17.31	17.39		
5	256QAM	25	0	17.33	17.26	17.41		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.37	22.61	22.41		
3	QPSK	1	8	22.21	22.61	22.39	24	0
3	QPSK	1	14	22.36	22.45	22.36		
3	QPSK	8	0	21.36	21.36	21.46		
3	QPSK	8	4	21.40	21.17	21.38	23	1
3	QPSK	8	7	21.25	21.29	21.30		
3	QPSK	15	0	21.32	21.34	21.38		
3	16QAM	1	0	21.19	21.26	21.43		
3	16QAM	1	8	21.36	21.36	21.18	23	1
3	16QAM	1	14	21.17	21.24	21.32		
3	16QAM	8	0	20.42	20.35	20.28		
3	16QAM	8	4	20.28	20.36	20.44	22	2
3	16QAM	8	7	20.16	20.40	20.31		
3	16QAM	15	0	20.32	20.46	20.43		
3	64QAM	1	0	20.50	20.42	20.27		
3	64QAM	1	8	20.34	20.34	20.18	22	2
3	64QAM	1	14	20.23	20.18	20.34		
3	64QAM	8	0	19.29	19.30	19.33		
3	64QAM	8	4	19.29	19.24	19.21	21	3
3	64QAM	8	7	19.28	19.21	19.30		
3	64QAM	15	0	19.12	19.09	19.29		
3	256QAM	1	0	17.14	17.11	17.22		
3	256QAM	1	8	17.32	17.32	17.47	19	5
3	256QAM	1	14	17.33	17.17	17.32		
3	256QAM	8	0	17.29	17.25	17.16		
3	256QAM	8	4	17.43	17.22	17.24	19	5
3	256QAM	8	7	17.09	17.44	17.39		
3	256QAM	15	0	17.26	17.34	17.33		
Channel				26607	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.45	22.54	22.49		
1.4	QPSK	1	3	22.23	22.46	22.29		
1.4	QPSK	1	5	22.39	22.48	22.41	24	0
1.4	QPSK	3	0	22.49	22.59	22.38		
1.4	QPSK	3	1	22.31	22.58	22.28		
1.4	QPSK	3	3	22.37	22.47	22.33		
1.4	QPSK	6	0	21.20	21.33	21.40	23	1
1.4	16QAM	1	0	21.33	21.36	21.34		
1.4	16QAM	1	3	21.32	21.22	21.29		
1.4	16QAM	1	5	21.15	21.30	21.41	23	1
1.4	16QAM	3	0	21.44	21.37	21.46		
1.4	16QAM	3	1	21.24	21.18	21.29		
1.4	16QAM	3	3	21.31	21.45	21.31		
1.4	16QAM	6	0	20.36	20.43	20.41	22	2
1.4	64QAM	1	0	20.42	20.45	20.17		
1.4	64QAM	1	3	20.21	20.42	20.25		
1.4	64QAM	1	5	20.28	20.24	20.27	22	2
1.4	64QAM	3	0	20.42	20.41	20.23		
1.4	64QAM	3	1	20.34	20.35	20.30		
1.4	64QAM	3	3	20.17	20.44	20.28		
1.4	64QAM	6	0	19.18	19.19	19.39	21	3
1.4	256QAM	1	0	17.16	17.25	17.26		
1.4	256QAM	1	3	17.42	17.20	17.49		
1.4	256QAM	1	5	17.33	17.29	17.30	19	5
1.4	256QAM	3	0	17.37	17.23	17.24		
1.4	256QAM	3	1	17.48	17.15	17.20		
1.4	256QAM	3	3	17.09	17.38	17.30		
1.4	256QAM	6	0	17.32	17.28	17.42	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.81	15.93	15.89		
20	QPSK	1	49	15.65	15.85	15.88	17	0
20	QPSK	1	99	15.71	15.88	15.86		
20	QPSK	50	0	15.78	15.90	15.80		
20	QPSK	50	24	15.64	15.76	15.84	17	0
20	QPSK	50	50	15.64	15.80	15.73		
20	QPSK	100	0	15.66	15.84	15.77		
20	16QAM	1	0	15.63	15.86	15.72		
20	16QAM	1	49	15.74	15.85	15.84	17	0
20	16QAM	1	99	15.77	15.88	15.85		
20	16QAM	50	0	15.72	15.86	15.80		
20	16QAM	50	24	15.66	15.89	15.81	17	0
20	16QAM	50	50	15.70	15.84	15.72		
20	16QAM	100	0	15.75	15.90	15.79		
20	64QAM	1	0	15.65	15.75	15.75		
20	64QAM	1	49	15.68	15.89	15.83	17	0
20	64QAM	1	99	15.68	15.86	15.86		
20	64QAM	50	0	15.74	15.74	15.75		
20	64QAM	50	24	15.69	15.75	15.80	17	0
20	64QAM	50	50	15.70	15.90	15.75		
20	64QAM	100	0	15.65	15.83	15.72		
20	256QAM	1	0	15.75	15.86	15.71		
20	256QAM	1	49	15.73	15.88	15.75	17	0
20	256QAM	1	99	15.65	15.91	15.85		
20	256QAM	50	0	15.64	15.87	15.82		
20	256QAM	50	24	15.76	15.86	15.78	17	0
20	256QAM	50	50	15.73	15.90	15.74		
20	256QAM	100	0	15.67	15.83	15.82		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.67	15.84	15.76		
15	QPSK	1	37	15.50	15.80	15.81	17	0
15	QPSK	1	74	15.63	15.84	15.69		
15	QPSK	36	0	15.68	15.81	15.62		
15	QPSK	36	20	15.46	15.69	15.81	17	0
15	QPSK	36	39	15.58	15.69	15.56		
15	QPSK	75	0	15.55	15.67	15.68		
15	16QAM	1	0	15.62	15.81	15.59		
15	16QAM	1	37	15.69	15.75	15.82	17	0
15	16QAM	1	74	15.66	15.85	15.82		
15	16QAM	36	0	15.57	15.78	15.70		
15	16QAM	36	20	15.57	15.78	15.73	17	0
15	16QAM	36	39	15.52	15.82	15.64		
15	16QAM	75	0	15.57	15.82	15.71		
15	64QAM	1	0	15.53	15.58	15.73		
15	64QAM	1	37	15.52	15.86	15.65	17	0
15	64QAM	1	74	15.49	15.74	15.79		
15	64QAM	36	0	15.70	15.60	15.68		
15	64QAM	36	20	15.62	15.74	15.78	17	0
15	64QAM	36	39	15.61	15.87	15.68		
15	64QAM	75	0	15.55	15.71	15.66		
15	256QAM	1	0	15.67	15.77	15.55		
15	256QAM	1	37	15.54	15.81	15.68	17	0
15	256QAM	1	74	15.59	15.74	15.66		
15	256QAM	36	0	15.61	15.79	15.76		
15	256QAM	36	20	15.63	15.85	15.67	17	0
15	256QAM	36	39	15.69	15.73	15.61		
15	256QAM	75	0	15.54	15.69	15.65		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.78	15.89	15.80		
10	QPSK	1	25	15.47	15.84	15.80	17	0
10	QPSK	1	49	15.62	15.83	15.74		
10	QPSK	25	0	15.77	15.72	15.65		
10	QPSK	25	12	15.56	15.72	15.82	17	0
10	QPSK	25	25	15.61	15.67	15.56		
10	QPSK	50	0	15.53	15.66	15.68		
10	16QAM	1	0	15.44	15.70	15.65		
10	16QAM	1	25	15.67	15.67	15.66	17	0
10	16QAM	1	49	15.64	15.73	15.71		
10	16QAM	25	0	15.62	15.68	15.65		
10	16QAM	25	12	15.58	15.77	15.63	17	0
10	16QAM	25	25	15.55	15.67	15.64		
10	16QAM	50	0	15.62	15.78	15.65		
10	64QAM	1	0	15.53	15.69	15.74		
10	64QAM	1	25	15.65	15.88	15.69	17	0
10	64QAM	1	49	15.66	15.68	15.84		
10	64QAM	25	0	15.66	15.67	15.65		
10	64QAM	25	12	15.67	15.67	15.64	17	0
10	64QAM	25	25	15.66	15.87	15.65		
10	64QAM	50	0	15.47	15.68	15.62		
10	256QAM	1	0	15.60	15.85	15.64		
10	256QAM	1	25	15.70	15.86	15.70	17	0
10	256QAM	1	49	15.53	15.82	15.80		
10	256QAM	25	0	15.55	15.76	15.75		
10	256QAM	25	12	15.68	15.82	15.69	17	0
10	256QAM	25	25	15.56	15.81	15.68		
10	256QAM	50	0	15.50	15.78	15.73		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.73	15.80	15.87		
5	QPSK	1	12	15.61	15.74	15.72	17	0
5	QPSK	1	24	15.56	15.85	15.80		
5	QPSK	12	0	15.68	15.83	15.74		
5	QPSK	12	7	15.62	15.58	15.75	17	0
5	QPSK	12	13	15.50	15.74	15.70		
5	QPSK	25	0	15.47	15.72	15.60		
5	16QAM	1	0	15.50	15.69	15.70		
5	16QAM	1	12	15.63	15.79	15.74	17	0
5	16QAM	1	24	15.58	15.78	15.82		
5	16QAM	12	0	15.61	15.79	15.71		
5	16QAM	12	7	15.50	15.71	15.65	17	0
5	16QAM	12	13	15.69	15.67	15.55		
5	16QAM	25	0	15.63	15.80	15.73		
5	64QAM	1	0	15.47	15.62	15.64		
5	64QAM	1	12	15.55	15.71	15.67	17	0
5	64QAM	1	24	15.61	15.72	15.68		
5	64QAM	12	0	15.63	15.62	15.68		
5	64QAM	12	7	15.58	15.64	15.78	17	0
5	64QAM	12	13	15.64	15.89	15.63		
5	64QAM	25	0	15.63	15.75	15.70		
5	256QAM	1	0	15.62	15.81	15.65		
5	256QAM	1	12	15.60	15.76	15.70	17	0
5	256QAM	1	24	15.53	15.79	15.84		
5	256QAM	12	0	15.50	15.83	15.75		
5	256QAM	12	7	15.67	15.71	15.62	17	0
5	256QAM	12	13	15.60	15.73	15.64		
5	256QAM	25	0	15.57	15.76	15.65		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.79	15.88	15.76		
3	QPSK	1	8	15.57	15.77	15.74	17	0
3	QPSK	1	14	15.65	15.83	15.80		
3	QPSK	8	0	15.73	15.84	15.62		
3	QPSK	8	4	15.60	15.65	15.68	17	0
3	QPSK	8	7	15.55	15.67	15.65		
3	QPSK	15	0	15.53	15.67	15.64		
3	16QAM	1	0	15.49	15.84	15.66		
3	16QAM	1	8	15.71	15.77	15.80	17	0
3	16QAM	1	14	15.58	15.73	15.76		
3	16QAM	8	0	15.55	15.77	15.76		
3	16QAM	8	4	15.50	15.80	15.65	17	0
3	16QAM	8	7	15.60	15.78	15.61		
3	16QAM	15	0	15.59	15.87	15.75		
3	64QAM	1	0	15.60	15.67	15.61		
3	64QAM	1	8	15.49	15.81	15.80	17	0
3	64QAM	1	14	15.57	15.79	15.79		
3	64QAM	8	0	15.57	15.72	15.69		
3	64QAM	8	4	15.50	15.60	15.73	17	0
3	64QAM	8	7	15.66	15.88	15.60		
3	64QAM	15	0	15.54	15.66	15.60		
3	256QAM	1	0	15.65	15.80	15.57		
3	256QAM	1	8	15.71	15.85	15.73	17	0
3	256QAM	1	14	15.47	15.90	15.79		
3	256QAM	8	0	15.47	15.83	15.76		
3	256QAM	8	4	15.58	15.74	15.65	17	0
3	256QAM	8	7	15.59	15.80	15.60		
3	256QAM	15	0	15.58	15.69	15.80		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.74	15.82	15.84		
1.4	QPSK	1	3	15.50	15.76	15.70	17	0
1.4	QPSK	1	5	15.61	15.80	15.85		
1.4	QPSK	3	0	15.76	15.88	15.73		
1.4	QPSK	3	1	15.47	15.59	15.75		
1.4	QPSK	3	3	15.55	15.71	15.61		
1.4	QPSK	6	0	15.47	15.79	15.67	17	0
1.4	16QAM	1	0	15.57	15.71	15.64		
1.4	16QAM	1	3	15.66	15.72	15.70	17	0
1.4	16QAM	1	5	15.63	15.87	15.67		
1.4	16QAM	3	0	15.55	15.77	15.66		
1.4	16QAM	3	1	15.59	15.71	15.73		
1.4	16QAM	3	3	15.60	15.66	15.58		
1.4	16QAM	6	0	15.73	15.74	15.62	17	0
1.4	64QAM	1	0	15.63	15.62

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.95	20.03	19.97	21	0
20	QPSK	1	49	19.85	19.90	19.89		
20	QPSK	1	99	19.82	19.94	19.92		
20	QPSK	50	0	19.93	19.96	19.83	21	0
20	QPSK	50	24	19.88	19.84	19.86		
20	QPSK	50	50	19.80	19.87	19.91		
20	QPSK	100	0	19.83	19.94	19.81		
20	16QAM	1	0	19.80	19.88	19.90	21	0
20	16QAM	1	49	19.86	19.85	19.90		
20	16QAM	1	99	19.79	19.94	19.90		
20	16QAM	50	0	19.87	19.88	19.82	21	0
20	16QAM	50	24	19.89	19.95	19.86		
20	16QAM	50	50	19.78	19.85	19.85		
20	16QAM	100	0	19.77	19.90	19.84		
20	64QAM	1	0	19.80	19.87	19.90	21	0
20	64QAM	1	49	19.86	19.95	19.93		
20	64QAM	1	99	19.88	19.99	19.94		
20	64QAM	50	0	19.86	19.94	19.92	21	0
20	64QAM	50	24	19.90	19.98	19.90		
20	64QAM	50	50	19.87	19.91	19.80		
20	64QAM	100	0	19.78	19.90	19.95		
20	256QAM	1	0	17.49	17.40	17.49	19	2
20	256QAM	1	49	17.42	17.30	17.42		
20	256QAM	1	99	17.35	17.62	17.33		
20	256QAM	50	0	17.51	17.53	17.48	19	2
20	256QAM	50	24	17.51	17.49	17.39		
20	256QAM	50	50	17.23	17.44	17.44		
20	256QAM	100	0	17.53	17.50	17.37		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.87	19.94	19.78	21	0
15	QPSK	1	37	19.76	19.87	19.75		
15	QPSK	1	74	19.63	19.87	19.86		
15	QPSK	36	0	19.84	19.78	19.81	21	0
15	QPSK	36	20	19.75	19.69	19.68		
15	QPSK	36	39	19.77	19.72	19.74		
15	QPSK	75	0	19.66	19.82	19.64		
15	16QAM	1	0	19.71	19.86	19.79	21	0
15	16QAM	1	37	19.72	19.69	19.83		
15	16QAM	1	74	19.76	19.80	19.75		
15	16QAM	36	0	19.80	19.82	19.80	21	0
15	16QAM	36	20	19.75	19.76	19.75		
15	16QAM	36	39	19.60	19.67	19.82		
15	16QAM	75	0	19.60	19.87	19.81		
15	64QAM	1	0	19.72	19.80	19.86	21	0
15	64QAM	1	37	19.84	19.87	19.83		
15	64QAM	1	74	19.76	19.90	19.83		
15	64QAM	36	0	19.77	19.82	19.84	21	0
15	64QAM	36	20	19.89	19.91	19.88		
15	64QAM	36	39	19.75	19.76	19.75		
15	64QAM	75	0	19.63	19.73	19.94		
15	256QAM	1	0	17.28	17.33	17.51	19	2
15	256QAM	1	37	17.41	17.22	17.44		
15	256QAM	1	74	17.21	17.48	17.14		
15	256QAM	36	0	17.41	17.50	17.43	19	2
15	256QAM	36	20	17.32	17.45	17.36		
15	256QAM	36	39	17.13	17.32	17.36		
15	256QAM	75	0	17.41	17.29	17.26		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.86	19.95	19.81	21	0
10	QPSK	1	25	19.66	19.77	19.70		
10	QPSK	1	49	19.67	19.88	19.91		
10	QPSK	25	0	19.90	19.91	19.82	21	0
10	QPSK	25	12	19.75	19.66	19.80		
10	QPSK	25	25	19.76	19.84	19.73		
10	QPSK	50	0	19.64	19.76	19.68		
10	16QAM	1	0	19.76	19.76	19.82	21	0
10	16QAM	1	25	19.73	19.70	19.87		
10	16QAM	1	49	19.67	19.92	19.76		
10	16QAM	25	0	19.84	19.82	19.64	21	0
10	16QAM	25	12	19.87	19.82	19.80		
10	16QAM	25	25	19.74	19.67	19.69		
10	16QAM	50	0	19.63	19.79	19.78		
10	64QAM	1	0	19.71	19.70	19.84	21	0
10	64QAM	1	25	19.72	19.78	19.90		
10	64QAM	1	49	19.72	19.90	19.79		
10	64QAM	25	0	19.76	19.77	19.89	21	0
10	64QAM	25	12	19.83	19.82	19.73		
10	64QAM	25	25	19.72	19.92	19.69		
10	64QAM	50	0	19.65	19.82	19.76		
10	256QAM	1	0	17.33	17.20	17.51	19	2
10	256QAM	1	25	17.33	17.20	17.31		
10	256QAM	1	49	17.32	17.61	17.32		
10	256QAM	25	0	17.49	17.50	17.47	19	2
10	256QAM	25	12	17.49	17.44	17.32		
10	256QAM	25	25	17.19	17.32	17.32		
10	256QAM	50	0	17.50	17.39	17.16		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.78	19.92	19.96	21	0
5	QPSK	1	12	19.75	19.72	19.85		
5	QPSK	1	24	19.63	19.91	19.85		
5	QPSK	12	0	19.75	19.94	19.64	21	0
5	QPSK	12	7	19.70	19.72	19.70		
5	QPSK	12	13	19.69	19.85	19.73		
5	QPSK	25	0	19.69	19.87	19.67		
5	16QAM	1	0	19.77	19.80	19.79	21	0
5	16QAM	1	12	19.74	19.66	19.86		
5	16QAM	1	24	19.63	19.87	19.84		
5	16QAM	12	0	19.73	19.87	19.75	21	0
5	16QAM	12	7	19.75	19.88	19.77		
5	16QAM	12	13	19.73	19.68	19.74		
5	16QAM	25	0	19.70	19.73	19.67		
5	64QAM	1	0	19.81	19.78	19.84	21	0
5	64QAM	1	12	19.74	19.80	19.84		
5	64QAM	1	24	19.77	19.85	19.85		
5	64QAM	12	0	19.80	19.84	19.75	21	0
5	64QAM	12	7	19.88	19.87	19.79		
5	64QAM	12	13	19.83	19.73	19.62		
5	64QAM	25	0	19.64	19.82	19.85		
5	256QAM	1	0	17.48	17.37	17.33	19	2
5	256QAM	1	12	17.34	17.31	17.34		
5	256QAM	1	24	17.15	17.58	17.29		
5	256QAM	12	0	17.48	17.46	17.36	19	2
5	256QAM	12	7	17.48	17.46	17.22		
5	256QAM	12	13	17.12	17.27	17.25		
5	256QAM	25	0	17.48	17.46	17.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.59	20.38	20.61	20.59	20.43	21.6	0
20	QPSK	1	49	20.49	20.27	20.46	20.41	20.30		
20	QPSK	1	99	20.51	20.28	20.52	20.43	20.28		
20	QPSK	50	0	20.49	20.21	20.59	20.49	20.38	21.6	0
20	QPSK	50	24	20.45	20.19	20.52	20.48	20.35		
20	QPSK	50	50	20.44	20.36	20.57	20.48	20.34		
20	QPSK	100	0	20.44	20.31	20.54	20.40	20.33		
20	16QAM	1	0	20.44	20.21	20.55	20.51	20.25	21.6	0
20	16QAM	1	49	20.56	20.27	20.43	20.53	20.42		
20	16QAM	1	99	20.55	20.22	20.53	20.43	20.41		
20	16QAM	50	0	19.81	19.72	19.86	19.48	19.82	21	0.6
20	16QAM	50	24	19.79	19.50	19.86	19.44	19.88		
20	16QAM	50	50	19.85	19.62	19.90	19.70	19.93		
20	16QAM	100	0	19.77	19.58	19.77	19.56	19.87		
20	64QAM	1	0	19.79	19.45	19.72	19.72	19.61	21	0.6
20	64QAM	1	49	19.81	19.61	19.78	19.67	19.63		
20	64QAM	1	99	19.57	19.46	19.67	19.51	19.71		
20	64QAM	50	0	18.50	18.20	18.62	18.15	18.45	20	1.6
20	64QAM	50	24	18.43	18.18	18.61	18.25	18.51		
20	64QAM	50	50	18.39	18.15	18.48	18.17	18.49		
20	64QAM	100	0	18.53	18.20	18.61	18.16	18.44		
20	256QAM	1	0	16.44	16.22	16.51	16.24	16.54	18	3.6
20	256QAM	1	49	16.53	16.16	16.56	16.21	16.59		
20	256QAM	1	99	16.49	16.11	16.56	16.23	16.60		
20	256QAM	50	0	16.38	16.16	16.58	16.20	16.50	18	3.6
20	256QAM	50	24	16.38	16.21	16.60	16.22	16.55		
20	256QAM	50	50	16.37	16.22	16.53	16.15	16.42		
20	256QAM	100	0	16.52	16.18	16.45	16.17	16.60		
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	20.47	20.30	20.53	20.58	20.40	21.60	0
15	QPSK	1	37	20.30	20.18	20.30	20.39	20.26		
15	QPSK	1	74	20.36	20.11	20.35	20.31	20.18		
15	QPSK	36	0	20.32	20.03	20.47	20.34	20.36	21.6	0
15	QPSK	36	20	20.41	20.10	20.38	20.46	20.25		
15	QPSK	36	39	20.38	20.23	20.39	20.37	20.18		
15	QPSK	75	0	20.33	20.22	20.47	20.25	20.25		
15	16QAM	1	0	20.29	20.15	20.49	20.37	20.15	21.6	0
15	16QAM	1	37	20.39	20.24	20.24	20.43	20.38		
15	16QAM	1	74	20.52	20.09	20.45	20.25	20.24		
15	16QAM	36	0	19.36	19.19	19.27	19.09	19.47	21	0.6
15	16QAM	36	20	19.48	19.09	19.48	19.08	19.38		
15	16QAM	36	39	19.24	19.00	19.44	19.00	19.45		
15	16QAM	75	0	19.25	19.05	19.38	19.01	19.34		
15	64QAM	1	0	19.31	19.12	19.45	19.14	19.30	21	0.6
15	64QAM	1	37	19.44	19.36	19.60	19.12	19.31		
15	64QAM	1	74	19.43	19.19	19.42	19.19	19.48		
15	64QAM	36	0	18.34	18.13	18.58	18.19	18.29	20	1.6
15	64QAM	36	20	18.29	18.16	18.47	18.11	18.33		
15	64QAM	36	39	18.37	18.15	18.39	18.14	18.36		
15	64QAM	75	0	18.38	18.20	18.50	18.10	18.43		
15	256QAM	1	0	16.44	16.07	16.42	16.24	16.49	18	3.6
15	256QAM	1	37	16.42	16.14	16.51	16.15	16.57		
15	256QAM	1	74	16.41	16.20	16.38	16.22	16.50		
15	256QAM	36	0	16.22	16.15	16.51	16.08	16.40	18	3.6
15	256QAM	36	20	16.32	16.15	16.54	16.16	16.39		
15	256QAM	36	39	16.19	16.12	16.46	16.10	16.31		
15	256QAM	75	0	16.36	16.09	16.45	16.09	16.53		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.52	20.36	20.48	20.42	20.27	21.60	0
10	QPSK	1	25	20.43	20.25	20.37	20.29	20.22		
10	QPSK	1	49	20.47	20.15	20.50	20.28	20.26		
10	QPSK	25	0	20.46	20.09	20.57	20.35	20.25	21.6	0
10	QPSK	25	12	20.36	20.17	20.36	20.42	20.24		
10	QPSK	25	25	20.41	20.20	20.44	20.29	20.19		
10	QPSK	50	0	20.42	20.28	20.48	20.33	20.20		
10	16QAM	1	0	20.35	20.12	20.44	20.49	20.21	21.6	0
10	16QAM	1	25	20.43	20.09	20.26	20.36	20.34		
10	16QAM	1	49	20.54	20.18	20.43	20.24	20.32		
10	16QAM	25	0	19.61	19.51	19.67	19.46	19.71	21	0.6
10	16QAM	25	12	19.63	19.46	19.41	19.44	19.41		
10	16QAM	25	25	19.76	19.45	19.32	19.60	19.43		
10	16QAM	50	0	19.74	19.46	19.74	19.46	19.79		
10	64QAM	1	0	19.61	19.38	19.71	19.61	19.41	21	0.6
10	64QAM	1	25	19.36	19.62	19.63	19.57	19.60		
10	64QAM	1	49	19.44	19.39	19.46	19.31	19.51		
10	64QAM	25	0	18.38	18.42	18.59	18.36	18.51	20	1.6
10	64QAM	25	12	18.31	18.44	18.63	18.32	18.37		
10	64QAM	25	25	18.27	18.15	18.43	18.51	18.44		
10	64QAM	50	0	18.39	18.48	18.60	18.46	18.43		
10	256QAM	1	0	16.22	16.38	16.37	16.24	16.40	18	3.6
10	256QAM	1	25	16.31	16.45	16.54	16.19	16.58		
10	256QAM	1	49	16.47	16.10	16.52	16.48	16.52		
10	256QAM	25	0	16.35	16.16	16.43	16.42	16.36	18	3.6
10	256QAM	25	12	16.31	16.32	16.44	16.34	16.48		
10	256QAM	25	25	16.31	16.35	16.53	16.37	16.30		
10	256QAM	50	0	16.31	16.13	16.36	16.05	16.43		
Channel				39675	40140	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.56	20.22	20.59	20.46	20.35	21.60	0
5	QPSK	1	12	20.41	20.16	20.30	20.35	20.27		
5	QPSK	1	24	20.46	20.26	20.48	20.37	20.26		
5	QPSK	12	0	20.33	20.19	20.52	20.38	20.26	21.6	0
5	QPSK	12	7	20.29	20.15	20.44	20.41	20.23		
5	QPSK	12	13	20.40	20.28	20.56	20.30	20.18		
5	QPSK	25	0	20.38	20.20	20.43	20.29	20.31		
5	16QAM	1	0	20.33	20.13	20.39	20.48	20.24	21.6	0
5	16QAM	1	12	20.45	20.24	20.40	20.40	20.36		
5	16QAM	1	24	20.49	20.14	20.39	20.29	20.26		
5	16QAM	12	0	19.57	19.51	19.50	19.41	19.73	21	0.6
5	16QAM	12	7	19.54	19.42	19.23	19.29	19.37		
5	16QAM	12	13	19.67	19.47	19.64	19.58	19.31		
5	16QAM	25	0	19.66	19.37	19.59	19.44	19.60		
5	64QAM	1	0	19.39	19.20	19.58	19.60	19.39	21	0.6
5	64QAM	1	12	19.16	19.62	19.50	19.59	19.55		
5	64QAM	1	24	19.43	19.27	19.33	19.27	19.51		
5	64QAM	12	0	18.25	18.25	18.54	18.14	18.32	20	1.6
5	64QAM	12	7	18.27	18.43	18.45	18.30	18.32		
5	64QAM	12	13	18.25	18.15	18.43	18.35	18.44		
5	64QAM	25	0	18.32	18.37	18.47	18.29	18.38		
5	256QAM	1	0	16.17	16.40	16.18	16.37	16.34	18	3.6
5	256QAM	1	12	16.16	16.34	16.53	16.22	16.43		
5	256QAM	1	24	16.37	16.14	16.35	16.40	16.43		
5	256QAM	12	0	16.17	16.14	16.32	16.27	16.31	18	3.6
5	256QAM	12	7	16.32	16.23	16.36	16.17	16.49		
5	256QAM	12	13	16.29	16.24	16.55	16.31	16.16		
5	256QAM	25	0	16.20	16.13	16.37	16.22	16.31		

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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	22.17	21.91	22.26	21.89	22.15	23.2	0
20	QPSK	1	49	22.06	21.88	22.13	21.83	22.14		
20	QPSK	1	99	22.04	21.89	22.13	21.78	22.07		
20	QPSK	50	0	22.10	21.80	22.24	22.22	22.02	23.2	0
20	QPSK	50	24	22.07	21.83	22.18	22.16	22.04		
20	QPSK	50	50	22.09	21.88	22.08	21.83	21.82		
20	QPSK	100	0	22.06	21.87	22.17	21.75	22.03		
20	16QAM	1	0	22.13	22.15	22.24	22.15	22.08	23.2	0
20	16QAM	1	49	22.01	22.13	22.24	22.18	22.12		
20	16QAM	1	99	22.14	22.23	22.10	22.07	22.05		
20	16QAM	50	0	22.24	22.24	22.14	22.21	22.12	23.2	0
20	16QAM	50	24	22.04	22.21	22.09	22.20	22.01		
20	16QAM	50	50	22.14	21.85	22.10	21.82	22.02		
20	16QAM	100	0	22.03	21.75	22.17	21.72	22.07		
20	64QAM	1	0	22.04	21.77	22.09	21.87	22.09	23.2	0
20	64QAM	1	49	22.13	21.76	22.23	21.81	22.10		
20	64QAM	1	99	21.99	21.86	22.12	21.86	22.02		
20	64QAM	50	0	21.53	21.69	21.84	21.68	21.83	23	0.2
20	64QAM	50	24	21.74	21.81	21.88	21.78	21.85		
20	64QAM	50	50	21.55	21.87	21.87	21.72	21.72		
20	64QAM	100	0	21.59	21.78	21.85	21.87	21.69		
20	256QAM	1	0	19.51	19.66	19.66	19.63	19.66	21	2.2
20	256QAM	1	49	19.58	19.70	19.82	19.79	19.79		
20	256QAM	1	99	19.62	19.76	19.88	19.80	19.85		
20	256QAM	50	0	19.66	19.70	19.75	19.65	19.76	21	2.2
20	256QAM	50	24	19.63	19.69	19.85	19.69	19.76		
20	256QAM	50	50	19.52	19.83	19.81	19.70	19.72		
20	256QAM	100	0	19.50	19.67	19.75	19.66	19.87		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.07	21.73	22.10	21.85	21.97	23.2	0
15	QPSK	1	37	21.97	21.86	21.95	21.79	22.06		
15	QPSK	1	74	21.85	21.74	22.12	21.64	21.92		
15	QPSK	36	0	22.04	21.65	22.14	22.06	21.95	23.2	0
15	QPSK	36	20	22.01	21.77	22.06	22.02	21.96		
15	QPSK	36	39	21.92	21.83	22.01	21.74	21.80		
15	QPSK	75	0	22.00	21.83	22.08	21.68	21.93		
15	16QAM	1	0	22.07	22.08	22.19	22.01	21.92	23.2	0
15	16QAM	1	37	21.82	22.11	22.09	22.05	22.00		
15	16QAM	1	74	22.05	22.10	21.99	21.90	21.99		
15	16QAM	36	0	22.11	22.09	22.13	22.09	21.93	23.2	0
15	16QAM	36	20	21.91	22.18	22.07	22.07	21.97		
15	16QAM	36	39	22.02	22.16	21.91	21.70	21.85		
15	16QAM	75	0	22.01	22.09	22.08	22.10	21.96		
15	64QAM	1	0	21.87	22.04	21.96	21.82	21.95	23.2	0
15	64QAM	1	37	21.99	21.72	22.21	21.79	21.92		
15	64QAM	1	74	21.85	22.12	22.09	21.83	21.88		
15	64QAM	36	0	21.54	21.50	21.66	21.60	21.65	23	0.2
15	64QAM	36	20	21.67	21.67	21.74	21.57	21.74		
15	64QAM	36	39	21.42	21.49	21.70	21.53	21.56		
15	64QAM	75	0	21.42	21.56	21.68	21.49	21.64		
15	256QAM	1	0	19.42	19.36	19.62	19.34	19.51	21	2.2
15	256QAM	1	37	19.53	19.45	19.74	19.59	19.71		
15	256QAM	1	74	19.58	19.55	19.79	19.64	19.74		
15	256QAM	36	0	19.60	19.47	19.54	19.47	19.59	21	2.2
15	256QAM	36	20	19.63	19.66	19.74	19.44	19.77		
15	256QAM	36	39	19.43	19.55	19.76	19.39	19.68		
15	256QAM	75	0	19.45	19.42	19.65	19.34	19.84		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.06	21.81	22.10	21.73	22.09	23	0
10	QPSK	1	25	21.95	21.87	22.06	21.75	22.00		
10	QPSK	1	49	21.89	21.70	22.09	21.74	21.94		
10	QPSK	25	0	22.04	21.75	22.16	22.19	21.96	23.2	0
10	QPSK	25	12	21.99	22.13	21.99	22.08	21.98		
10	QPSK	25	25	21.95	22.14	21.92	21.73	22.16		
10	QPSK	50	0	21.99	22.14	22.14	21.71	21.92		
10	16QAM	1	0	22.10	22.04	22.13	22.01	22.06	23.2	0
10	16QAM	1	25	21.88	22.08	22.08	22.12	21.93		
10	16QAM	1	49	21.96	22.16	21.99	22.01	21.93		
10	16QAM	25	0	22.22	22.07	22.02	22.18	21.94	23.2	0
10	16QAM	25	12	21.90	22.11	22.00	22.17	21.98		
10	16QAM	25	25	21.97	22.01	22.04	22.04	22.05		
10	16QAM	50	0	22.11	22.14	22.11	22.12	21.91		
10	64QAM	1	0	21.85	21.75	21.98	21.75	21.98	23.2	0
10	64QAM	1	25	21.98	21.60	22.06	21.71

Band 42 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.47	22.56	22.42	24	0
20	QPSK	1	49	22.37	22.21	22.20		
20	QPSK	1	99	22.12	22.50	22.08		
20	QPSK	50	0	21.56	21.60	21.51	23	1
20	QPSK	50	24	21.51	21.47	21.34		
20	QPSK	50	50	21.43	21.53	21.36		
20	QPSK	100	0	21.34	21.45	21.31		
20	16QAM	1	0	21.31	21.68	21.36	23	1
20	16QAM	1	49	21.41	21.49	21.23		
20	16QAM	1	99	21.59	21.44	21.41		
20	16QAM	50	0	20.80	20.78	20.71	22	2
20	16QAM	50	24	20.65	20.66	20.56		
20	16QAM	50	50	20.47	20.69	20.68		
20	16QAM	100	0	20.69	20.63	20.65		
20	64QAM	1	0	20.69	20.51	20.52	22	2
20	64QAM	1	49	20.44	20.57	20.48		
20	64QAM	1	99	20.52	20.53	20.49		
20	64QAM	50	0	19.52	19.70	19.78	21	3
20	64QAM	50	24	19.52	19.62	19.62		
20	64QAM	50	50	19.55	19.78	19.56		
20	64QAM	100	0	19.60	19.66	19.50		
20	256QAM	1	0	17.76	17.66	17.74	19	5
20	256QAM	1	49	17.50	17.69	17.56		
20	256QAM	1	99	17.51	17.57	17.42		
20	256QAM	50	0	17.57	17.68	17.56	19	5
20	256QAM	50	24	17.42	17.57	17.43		
20	256QAM	50	50	17.54	17.57	17.49		
20	256QAM	100	0	17.51	17.52	17.45		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.29	22.44	22.28	24	0
15	QPSK	1	37	22.36	22.16	22.10		
15	QPSK	1	74	22.05	22.48	22.23		
15	QPSK	36	0	21.46	21.54	21.44	23	1
15	QPSK	36	20	21.32	21.38	21.34		
15	QPSK	36	39	21.37	21.48	21.17		
15	QPSK	75	0	21.15	21.36	21.19		
15	16QAM	1	0	21.14	21.60	21.36	23	1
15	16QAM	1	37	21.40	21.39	21.11		
15	16QAM	1	74	21.53	21.39	21.34		
15	16QAM	36	0	20.77	20.67	20.67	22	2
15	16QAM	36	20	20.49	20.56	20.43		
15	16QAM	36	39	20.44	20.66	20.52		
15	16QAM	75	0	20.68	20.43	20.60		
15	64QAM	1	0	20.64	20.47	20.45	22	2
15	64QAM	1	37	20.40	20.56	20.42		
15	64QAM	1	74	20.41	20.37	20.39		
15	64QAM	36	0	19.33	19.64	19.72	21	3
15	64QAM	36	20	19.48	19.46	19.43		
15	64QAM	36	39	19.50	19.67	19.47		
15	64QAM	75	0	19.44	19.48	19.46		
15	256QAM	1	0	17.61	17.54	17.58	19	5
15	256QAM	1	37	17.36	17.52	17.54		
15	256QAM	1	74	17.41	17.52	17.27		
15	256QAM	36	0	17.48	17.50	17.44	19	5
15	256QAM	36	20	17.24	17.41	17.25		
15	256QAM	36	39	17.47	17.39	17.31		
15	256QAM	75	0	17.41	17.48	17.27		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.32	22.55	22.26	24	0
10	QPSK	1	25	22.21	22.19	22.12		
10	QPSK	1	49	22.08	22.36	22.27		
10	QPSK	25	0	21.55	21.55	21.32	23	1
10	QPSK	25	12	21.37	21.44	21.33		
10	QPSK	25	25	21.36	21.39	21.33		
10	QPSK	50	0	21.23	21.35	21.19		
10	16QAM	1	0	21.21	21.57	21.25	23	1
10	16QAM	1	25	21.40	21.39	21.17		
10	16QAM	1	49	21.54	21.42	21.38		
10	16QAM	25	0	20.61	20.67	20.68	22	2
10	16QAM	25	12	20.57	20.63	20.47		
10	16QAM	25	25	20.31	20.69	20.57		
10	16QAM	50	0	20.67	20.44	20.63		
10	64QAM	1	0	20.52	20.42	20.50	22	2
10	64QAM	1	25	20.43	20.49	20.42		
10	64QAM	1	49	20.35	20.47	20.47		
10	64QAM	25	0	19.38	19.62	19.70	21	3
10	64QAM	25	12	19.48	19.45	19.58		
10	64QAM	25	25	19.55	19.64	19.54		
10	64QAM	50	0	19.51	19.52	19.46		
10	256QAM	1	0	17.68	17.59	17.59	19	5
10	256QAM	1	25	17.46	17.56	17.41		
10	256QAM	1	49	17.37	17.45	17.27		
10	256QAM	25	0	17.40	17.53	17.45	19	5
10	256QAM	25	12	17.27	17.42	17.32		
10	256QAM	25	25	17.46	17.38	17.48		
10	256QAM	50	0	17.42	17.49	17.37		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.38	22.40	22.42	24	0
5	QPSK	1	12	22.18	22.10	22.00		
5	QPSK	1	24	22.30	22.50	22.32		
5	QPSK	12	0	21.54	21.41	21.32	23	1
5	QPSK	12	7	21.35	21.43	21.19		
5	QPSK	12	13	21.26	21.50	21.23		
5	QPSK	25	0	21.31	21.44	21.23		
5	16QAM	1	0	21.28	21.63	21.22	23	1
5	16QAM	1	12	21.31	21.40	21.15		
5	16QAM	1	24	21.52	21.27	21.30		
5	16QAM	12	0	20.73	20.66	20.51	22	2
5	16QAM	12	7	20.63	20.62	20.52		
5	16QAM	12	13	20.28	20.65	20.55		
5	16QAM	25	0	20.59	20.49	20.61		
5	64QAM	1	0	20.50	20.41	20.50	22	2
5	64QAM	1	12	20.25	20.38	20.37		
5	64QAM	1	24	20.51	20.49	20.36		
5	64QAM	12	0	19.44	19.53	19.62	21	3
5	64QAM	12	7	19.48	19.56	19.45		
5	64QAM	12	13	19.43	19.74	19.46		
5	64QAM	25	0	19.42	19.47	19.35		
5	256QAM	1	0	17.61	17.58	17.73	19	5
5	256QAM	1	12	17.48	17.64	17.48		
5	256QAM	1	24	17.47	17.51	17.29		
5	256QAM	12	0	17.56	17.62	17.37	19	5
5	256QAM	12	7	17.41	17.41	17.29		
5	256QAM	12	13	17.43	17.41	17.43		
5	256QAM	25	0	17.37	17.34	17.33		

Band 42 Ant 4

BW [MHz]	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	18.28	18.36	18.33	19.4	0
20	QPSK	1	49	18.09	18.33	18.22		
20	QPSK	1	99	18.24	18.27	18.14		
20	QPSK	50	0	18.09	18.28	18.14	19.4	0
20	QPSK	50	24	18.12	18.21	18.25		
20	QPSK	50	50	18.09	18.27	18.16		
20	QPSK	100	0	18.10	18.20	18.18		
20	16QAM	1	0	18.21	18.33	18.20	19.4	0
20	16QAM	1	49	18.23	18.33	18.15		
20	16QAM	1	99	18.27	18.23	18.24		
20	16QAM	50	0	18.20	18.27	18.14	19.4	0
20	16QAM	50	24	18.19	18.26	18.24		
20	16QAM	50	50	18.14	18.34	18.22		
20	16QAM	100	0	18.26	18.26	18.32		
20	64QAM	1	0	18.16	18.31	18.15	19.4	0
20	64QAM	1	49	18.14	18.21	18.26		
20	64QAM	1	99	18.24	18.21	18.15		
20	64QAM	50	0	18.15	18.21	18.23	19.4	0
20	64QAM	50	24	18.12	18.23	18.20		
20	64QAM	50	50	18.15	18.30	18.26		
20	64QAM	100	0	18.23	18.26	18.22		
20	256QAM	1	0	18.26	18.33	18.21	19	0.4
20	256QAM	1	49	18.24	18.22	18.32		
20	256QAM	1	99	18.20	18.17	18.29		
20	256QAM	50	0	18.17	18.18	18.20	19	0.4
20	256QAM	50	24	18.21	18.31	18.31		
20	256QAM	50	50	18.10	18.31	18.27		
20	256QAM	100	0	18.27	18.26	18.26		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.16	18.21	18.31	19.4	0
15	QPSK	1	37	18.07	18.20	18.16		
15	QPSK	1	74	18.12	18.16	18.11		
15	QPSK	36	0	17.96	18.21	18.08	19.4	0
15	QPSK	36	20	18.01	18.09	18.11		
15	QPSK	36	39	17.93	18.24	18.03		
15	QPSK	75	0	18.05	18.16	18.03		
15	16QAM	1	0	18.09	18.28	18.07	19.4	0
15	16QAM	1	37	18.12	18.18	18.04		
15	16QAM	1	74	18.23	18.14	18.14		
15	16QAM	36	0	18.07	18.13	18.06	19.4	0
15	16QAM	36	20	18.14	18.25	18.14		
15	16QAM	36	39	18.01	18.32	18.19		
15	16QAM	75	0	18.08	18.18	18.30		
15	64QAM	1	0	17.98	18.27	18.13	19.4	0
15	64QAM	1	37	18.03	18.05	18.13		
15	64QAM	1	74	18.18	18.18	18.12		
15	64QAM	36	0	18.06	18.06	18.09	19.4	0
15	64QAM	36	20	17.96	18.13	18.05		
15	64QAM	36	39	18.02	18.28	18.16		
15	64QAM	75	0	18.11	18.20	18.03		
15	256QAM	1	0	18.08	18.31	18.06	19	0.4
15	256QAM	1	37	18.09	18.09	18.22		
15	256QAM	1	74	18.08	18.09	18.18		
15	256QAM	36	0	18.06	18.16	18.04	19	0.4
15	256QAM	36	20	18.17	18.21	18.18		
15	256QAM	36	39	18.05	18.26	18.12		
15	256QAM	75	0	18.21	18.21	18.21		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.13	18.18	18.23	19.4	0
10	QPSK	1	25	18.00	18.18	18.20		
10	QPSK	1	49	18.06	18.19	18.02		
10	QPSK	25	0	17.96	18.25	17.95	19.4	0
10	QPSK	25	12	18.06	18.08	18.15		
10	QPSK	25	25	17.92	18.13	18.04		
10	QPSK	50	0	18.04	18.16	18.00		
10	16QAM	1	0	18.14	18.29	18.11	19.4	0
10	16QAM	1	25	18.08	18.18	17.98		
10	16QAM	1	49	18.25	18.18	18.16		
10	16QAM	25	0	18.05	18.22	18.02	19.4	0
10	16QAM	25	12	18.04	18.10	18.17		
10	16QAM	25	25	17.99	18.30	18.12		
10	16QAM	50	0	18.24	18.13	18.14		
10	64QAM	1	0	17.98	18.12	18.04	19.4	0
10	64QAM	1	25	18.06	18.04	18.11		
10	64QAM	1	49	18.14	18.18	18.07		
10	64QAM	25	0	18.00	18.14	18.14	19.4	0
10	64QAM	25	12	17.96	18.13	18.07		
10	64QAM	25	25	18.12	18.26	18.11		
10	64QAM	50	0	18.20	18.24	18.11		
10	256QAM	1	0	18.07	18.24	18.14	19	0.4
10	256QAM	1	25	18.14	18.09	18.20		
10	256QAM	1	49	18.10	18.08	18.18		
10	256QAM	25	0	18.13	18.16	18.05	19	0.4
10	256QAM	25	12	18.19	18.23	18.17		
10	256QAM	25	25	18.04	18.16	18.19		
10	256QAM	50	0	18.10	18.08	18.14		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.14	18.19	18.28	19.4	0
5	QPSK	1	12	17.92	18.28	18.14		
5	QPSK	1	24	18.18	18.18	17.96		
5	QPSK	12	0	18.04	18.23	17.97	19.4	0
5	QPSK	12	7	18.01	18.17	18.08		
5	QPSK	12	13	18.02	18.20	18.13		
5	QPSK	25	0	17.96	18.16	18.00		
5	16QAM	1	0	18.15	18.24	18.04	19.4	0
5	16QAM	1	12	18.04	18.23	18.06		
5	16QAM	1	24	18.23	18.16	18.21		
5	16QAM	12	0	18.05	18.10	18.10	19.4	0
5	16QAM	12	7	18.06	18.14	18.15		
5	16QAM	12	13	18.04	18.30	18.13		
5	16QAM	25	0	18.16	18.15	18.18		
5	64QAM	1	0	18.00	18.29	18.12	19.4	0
5	64QAM	1	12	18.13	18.18	18.10		
5	64QAM	1	24	18.21	18.10	18.11		
5	64QAM	12	0	18.01	18.14	18.05	19.4	0
5	64QAM	12	7	18.01	18.21	18.12		
5	64QAM	12	13	18.04	18.16	18.21		
5	64QAM	25	0	18.17	18.19	18.15		
5	256QAM	1	0	18.21	18.25	18.07	19	0.4
5	256QAM	1	12	18.15	18.10	18.22		
5	256QAM	1	24	18.16	18.12	18.25		
5	256QAM	12	0	18.00	18.16	18.09	19	0.4
5	256QAM	12	7	18.03	18.22	18.15		
5	256QAM	12	13	18.08	18.23	18.18		
5	256QAM	25	0	18.13	18.10	18.15		

Band 42 Ant 7

BW [MHz]	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	18.63	18.79	18.67	19.8	0
20	QPSK	1	49	18.51	18.67	18.60		
20	QPSK	1	99	18.50	18.69	18.63		
20	QPSK	50	0	18.51	18.74	18.54	19.8	0
20	QPSK	50	24	18.52	18.72	18.56		
20	QPSK	50	50	18.47	18.70	18.66		
20	QPSK	100	0	18.59	18.61	18.58		
20	16QAM	1	0	18.55	18.74	18.57	19.8	0
20	16QAM	1	49	18.51	18.67	18.56		
20	16QAM	1	99	18.56	18.68	18.55		
20	16QAM	50	0	18.45	18.67	18.51	19.8	0
20	16QAM	50	24	18.51	18.69	18.51		
20	16QAM	50	50	18.56	18.60	18.53		
20	16QAM	100	0	18.54	18.71	18.59		
20	64QAM	1	0	18.53	18.62	18.56	19.8	0
20	64QAM	1	49	18.49	18.69	18.50		
20	64QAM	1	99	18.47	18.78	18.57		
20	64QAM	50	0	18.60	18.72	18.52	19.8	0
20	64QAM	50	24	18.56	18.71	18.48		
20	64QAM	50	50	18.45	18.61	18.54		
20	64QAM	100	0	18.46	18.61	18.59		
20	256QAM	1	0	18.31	18.32	18.36	19	0.8
20	256QAM	1	49	18.30	18.29	18.36		
20	256QAM	1	99	18.15	18.37	18.25		
20	256QAM	50	0	18.19	18.32	18.37	19	0.8
20	256QAM	50	24	18.26	18.31	18.18		
20	256QAM	50	50	18.22	18.22	18.24		
20	256QAM	100	0	18.20	18.24	18.22		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.50	18.77	18.64	19.8	0
15	QPSK	1	37	18.35	18.65	18.44		
15	QPSK	1	74	18.38	18.58	18.53		
15	QPSK	36	0	18.45	18.61	18.35	19.8	0
15	QPSK	36	20	18.47	18.64	18.43		
15	QPSK	36	39	18.42	18.60	18.55		
15	QPSK	75	0	18.51	18.49	18.44		
15	16QAM	1	0	18.51	18.64	18.54	19.8	0
15	16QAM	1	37	18.43	18.53	18.42		
15	16QAM	1	74	18.45	18.56	18.47		
15	16QAM	36	0	18.36	18.50	18.48	19.8	0
15	16QAM	36	20	18.34	18.51	18.36		
15	16QAM	36	39	18.42	18.48	18.38		
15	16QAM	75	0	18.44	18.70	18.55		
15	64QAM	1	0	18.45	18.52	18.53	19.8	0
15	64QAM	1	37	18.38	18.53	18.46		
15	64QAM	1	74	18.30	18.73	18.50		
15	64QAM	36	0	18.52	18.56	18.34	19.8	0
15	64QAM	36	20	18.50	18.70	18.30		
15	64QAM	36	39	18.36	18.57	18.48		
15	64QAM	75	0	18.28	18.58	18.44		
15	256QAM	1	0	18.28	18.23	18.21	19	0.8
15	256QAM	1	37	18.15	18.24	18.34		
15	256QAM	1	74	17.98	18.35	18.23		
15	256QAM	36	0	18.00	18.20	18.35	19	0.8
15	256QAM	36	20	18.27	18.14	18.11		
15	256QAM	36	39	18.20	18.07	18.21		
15	256QAM	75	0	18.08	18.23	18.18		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.55	18.77	18.60	19.8	0
10	QPSK	1	25	18.32	18.49	18.59		
10	QPSK	1	49	18.38	18.62	18.60		
10	QPSK	25	0	18.48	18.72	18.45	19.8	0
10	QPSK	25	12	18.34	18.65	18.42		
10	QPSK	25	25	18.46	18.61	18.53		
10	QPSK	50	0	18.50	18.43	18.43		
10	16QAM	1	0	18.47	18.57	18.42	19.8	0
10	16QAM	1	25	18.48	18.58	18.52		
10	16QAM	1	49	18.50	18.57	18.50		
10	16QAM	25	0	18.34	18.65	18.36	19.8	0
10	16QAM	25	12	18.48	18.51	18.41		
10	16QAM	25	25	18.46	18.49	18.38		
10	16QAM	50	0	18.36	18.67	18.48		
10	64QAM	1	0	18.40	18.59	18.44	19.8	0
10	64QAM	1	25	18.36	18.60	18.44		
10	64QAM	1	49	18.43	18.61	18.38		
10	64QAM	25	0	18.51	18.53	18.34	19.8	0
10	64QAM	25	12	18.48	18.70	18.37		
10	64QAM	25	25	18.33	18.45	18.52		
10	64QAM	50	0	18.40	18.55	18.46		
10	256QAM	1	0	18.14	18.11	18.15	19	0.8
10	256QAM	1	25	18.12	18.26	18.28		
10	256QAM	1	49	18.03	18.38	18.05		
10	256QAM	25	0	18.08	18.31	18.36	19	0.8
10	256QAM	25	12	18.08	18.11	18.07		
10	256QAM	25	25	18.06	18.05	18.14		
10	256QAM	50	0	18.15	18.09	18.07		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.54	18.67	18.63	19.8	0
5	QPSK	1	12	18.37	18.50	18.41		
5	QPSK	1	24	18.33	18.66	18.45		
5	QPSK	12	0	18.42	18.72	18.44	19.8	0
5	QPSK	12	7	18.45	18.63	18.47		
5	QPSK	12	13	18.45	18.55	18.54		
5	QPSK	25	0	18.49	18.47	18.55		
5	16QAM	1	0	18.48	18.63	18.44	19.8	0
5	16QAM	1	12	18.42	18.52	18.44		
5	16QAM	1	24	18.52	18.49	18.51		
5	16QAM	12	0	18.41	18.62	18.48	19.8	0
5	16QAM	12	7	18.43	18.54	18.48		
5	16QAM	12	13	18.48	18.45	18.50		
5	16QAM	25	0	18.45	18.56	18.53		
5	64QAM	1	0	18.39	18.59	18.53	19.8	0
5	64QAM	1	12	18.42	18.55	18.45		
5	64QAM	1	24	18.31	18.73	18.55		
5	64QAM	12	0	18.54	18.56	18.50	19.8	0
5	64QAM	12	7	18.41	18.64	18.45		
5	64QAM	12	13	18.34	18.44	18.38		
5	64QAM	25	0	18.27	18.44	18.50		
5	256QAM	1	0	18.25	18.17	18.30	19	0.8
5	256QAM	1	12	18.20	18.09	18.32		
5	256QAM	1	24	17.98	18.16	18.09		
5	256QAM	12	0	18.15	18.11	18.39	19	0.8
5	256QAM	12	7	18.27	18.23	18.11		
5	256QAM	12	13	18.15	18.04	18.23		
5	256QAM	25	0	18.11	18.24	18.18		

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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	17.87	17.96	17.71	19.3	0
20	QPSK	1	49	17.78	17.75	17.81		
20	QPSK	1	99	17.83	17.77	17.80		
20	QPSK	50	0	17.75	17.83	17.60	19.3	0
20	QPSK	50	24	17.70	17.78	17.66		
20	QPSK	50	50	17.68	17.79	17.69		
20	QPSK	100	0	17.88	17.95	17.66		
20	16QAM	1	0	17.77	17.76	17.62	19.3	0
20	16QAM	1	49	17.85	17.67	17.55		
20	16QAM	1	99	17.80	17.92	17.64		
20	16QAM	50	0	17.78	17.86	17.60	19.3	0
20	16QAM	50	24	17.65	17.93	17.54		
20	16QAM	50	50	17.86	17.82	17.52		
20	16QAM	100	0	17.72	17.79	17.56		
20	64QAM	1	0	17.73	17.78	17.67	19.3	0
20	64QAM	1	49	17.66	17.75	17.58		
20	64QAM	1	99	17.68	17.80	17.58		
20	64QAM	50	0	17.78	17.78	17.69	19.3	0
20	64QAM	50	24	17.73	17.86	17.55		
20	64QAM	50	50	17.71	17.76	17.67		
20	64QAM	100	0	17.84	17.88	17.60		
20	256QAM	1	0	17.20	17.18	17.10	18	1.3
20	256QAM	1	49	17.27	17.29	16.96		
20	256QAM	1	99	17.15	17.32	16.95		
20	256QAM	50	0	17.14	17.17	17.09	18	1.3
20	256QAM	50	24	17.13	17.26	17.02		
20	256QAM	50	50	17.11	17.32	16.97		
20	256QAM	100	0	17.15	17.24	16.97		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.70	17.93	17.52	19.3	0
15	QPSK	1	37	17.69	17.55	17.59		
15	QPSK	1	74	17.70	17.78	17.59		
15	QPSK	36	0	17.66	17.71	17.55	19.3	0
15	QPSK	36	20	17.56	17.60	17.52		
15	QPSK	36	39	17.62	17.80	17.53		
15	QPSK	75	0	17.78	17.80	17.53		
15	16QAM	1	0	17.73	17.77	17.57	19.3	0
15	16QAM	1	37	17.75	17.67	17.55		
15	16QAM	1	74	17.71	17.87	17.64		
15	16QAM	36	0	17.73	17.65	17.62	19.3	0
15	16QAM	36	20	17.66	17.76	17.36		
15	16QAM	36	39	17.68	17.72	17.36		
15	16QAM	75	0	17.69	17.76	17.38		
15	64QAM	1	0	17.60	17.56	17.60	19.3	0
15	64QAM	1	37	17.67	17.67	17.51		
15	64QAM	1	74	17.52	17.76	17.48		
15	64QAM	36	0	17.63	17.72	17.58	19.3	0
15	64QAM	36	20	17.59	17.71	17.42		
15	64QAM	36	39	17.55	17.75	17.58		
15	64QAM	75	0	17.77	17.74	17.49		
15	256QAM	1	0	17.01	17.08	17.00	18	1.3
15	256QAM	1	37	17.17	17.12	16.75		
15	256QAM	1	74	17.05	17.18	16.87		
15	256QAM	36	0	17.10	17.10	16.98	18	1.3
15	256QAM	36	20	17.10	17.27	16.86		
15	256QAM	36	39	16.96	17.32	16.91		
15	256QAM	75	0	17.08	17.11	16.94		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.70	17.91	17.52	19.3	0
10	QPSK	1	25	17.63	17.67	17.60		
10	QPSK	1	49	17.83	17.65	17.81		
10	QPSK	25	0	17.77	17.84	17.52	19.3	0
10	QPSK	25	12	17.64	17.62	17.61		
10	QPSK	25	25	17.51	17.70	17.52		
10	QPSK	50	0	17.90	17.91	17.56		
10	16QAM	1	0	17.62	17.56	17.52	19.3	0
10	16QAM	1	25	17.65	17.61	17.45		
10	16QAM	1	49	17.61	17.93	17.52		
10	16QAM	25	0	17.69	17.82	17.60	19.3	0
10	16QAM	25	12	17.44	17.94	17.52		
10	16QAM	25	25	17.87	17.66	17.44		
10	16QAM	50	0	17.55	17.79	17.56		
10	64QAM	1	0	17.64	17.75	17.68	19.3	0
10	64QAM	1	25	17.44	17.77	17.38		
10	64QAM	1	49	17.46	17.61	17.40		
10	64QAM	25	0	17.69	17.71	17.64	19.3	0
10	64QAM	25	12	17.70	17.65	17.38		
10	64QAM	25	25	17.59	17.62	17.63		
10	64QAM	50	0	17.84	17.80	17.54		
10	256QAM	1	0	17.13	17.12	16.94	18	1.3
10	256QAM	1	25	17.18	17.10	16.74		
10	256QAM	1	49	17.02	17.17	16.91		
10	256QAM	25	0	16.95	17.01	17.07	18	1.3
10	256QAM	25	12	17.14	17.23	16.82		
10	256QAM	25	25	16.97	17.17	16.85		
10	256QAM	50	0	17.02	17.26	16.87		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.83	17.92	17.52	19.3	0
5	QPSK	1	12	17.70	17.66	17.70		
5	QPSK	1	24	17.62	17.55	17.71		
5	QPSK	12	0	17.73	17.63	17.44	19.3	0
5	QPSK	12	7	17.64	17.58	17.47		
5	QPSK	12	13	17.52	17.77	17.68		
5	QPSK	25	0	17.86	17.92	17.53		
5	16QAM	1	0	17.67	17.68	17.44	19.3	0
5	16QAM	1	12	17.72	17.54	17.42		
5	16QAM	1	24	17.70	17.87	17.49		
5	16QAM	12	0	17.65	17.70	17.52	19.3	0
5	16QAM	12	7	17.65	17.90	17.46		
5	16QAM	12	13	17.65	17.76	17.47		
5	16QAM	25	0	17.59	17.80	17.57		
5	64QAM	1	0	17.53	17.58	17.66	19.3	0
5	64QAM	1	12	17.45	17.69	17.43		
5	64QAM	1	24	17.56	17.68	17.40		
5	64QAM	12	0	17.69	17.72	17.59	19.3	0
5	64QAM	12	7	17.59	17.65	17.53		
5	64QAM	12	13	17.62	17.59	17.62		
5	64QAM	25	0	17.67	17.82	17.41		
5	256QAM	1	0	17.17	17.20	17.01	18	1.3
5	256QAM	1	12	17.09	17.19	16.79		
5	256QAM	1	24	17.03	17.23	16.78		
5	256QAM	12	0	17.07	17.18	17.05	18	1.3
5	256QAM	12	7	17.10	17.14	16.97		
5	256QAM	12	13	16.99	17.12	16.92		
5	256QAM	25	0	17.09	17.17	16.75		

Reduced Power Mode for Main PA ECI6

GSM850 Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.52	32.63	32.57	33.50	23.52	23.63	23.57	24.50
GPRS 1 Tx slot	32.35	32.50	32.46	33.50	23.35	23.50	23.46	24.50
GPRS 2 Tx slots	30.93	31.06	30.88	32.00	24.93	25.06	24.88	26.00
GPRS 3 Tx slots	28.90	29.22	29.01	30.00	24.64	24.96	24.75	25.74
GPRS 4 Tx slots	27.90	28.01	27.98	29.00	24.90	25.01	24.98	26.00
EDGE 1 Tx slot	27.05	27.13	27.08	27.50	18.05	18.13	18.08	18.50
EDGE 2 Tx slots	25.66	25.82	25.77	26.50	19.66	19.82	19.77	20.50
EDGE 3 Tx slots	23.43	23.56	23.49	24.50	19.17	19.30	19.23	20.24
EDGE 4 Tx slots	22.24	22.33	22.26	23.00	19.24	19.33	19.26	20.00

GSM1900 Ant 0	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	27.42	27.49	27.15	29.00	18.42	18.49	18.15	20.00
GPRS 1 Tx slot	27.28	27.40	27.19	29.00	18.28	18.40	18.19	20.00
GPRS 2 Tx slots	24.22	24.50	24.03	26.00	18.22	18.50	18.03	20.00
GPRS 3 Tx slots	22.66	22.75	22.61	24.00	18.40	18.49	18.35	19.74
GPRS 4 Tx slots	21.35	21.48	21.44	23.00	18.35	18.48	18.44	20.00
EDGE 1 Tx slot	25.62	25.65	25.58	26.50	16.62	16.65	16.58	17.50
EDGE 2 Tx slots	24.45	24.48	24.40	25.50	18.45	18.48	18.40	19.50
EDGE 3 Tx slots	22.05	22.12	22.09	23.50	17.79	17.86	17.83	19.24
EDGE 4 Tx slots	20.64	20.73	20.68	21.50	17.64	17.73	17.68	18.50

Band		WCDMA II Ant 0			Tune-up Limit (dBm)	WCDMA IV Ant 0			Tune-up Limit (dBm)	WCDMA V Ant 0			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	18.49	18.54	18.44	19.50	20.26	20.31	20.22	21.40	23.34	23.40	23.19	24.00
3GPP Rel 99	RMC 12.2Kbps	18.53	18.57	18.48	19.50	20.36	20.38	20.30	21.40	23.39	23.45	23.23	24.00
3GPP Rel 6	HSDPA Subtest-1	17.54	17.64	17.54	18.50	19.21	19.41	19.10	20.40	22.43	22.35	22.16	23.00
3GPP Rel 6	HSDPA Subtest-2	17.55	17.72	17.42	18.50	19.32	19.39	19.25	20.40	22.40	22.33	22.21	23.00
3GPP Rel 6	HSDPA Subtest-3	17.03	17.16	17.05	18.00	18.60	18.80	18.68	19.90	21.90	21.94	21.64	22.50
3GPP Rel 6	HSDPA Subtest-4	17.05	17.32	17.05	18.00	18.79	18.73	18.50	19.90	21.77	21.88	21.68	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.48	17.63	17.67	18.50	19.17	19.27	19.26	20.40	22.38	22.41	22.17	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.62	17.57	17.54	18.50	19.27	19.25	19.14	20.40	22.29	22.41	22.21	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.06	17.13	17.18	18.00	18.74	18.78	18.72	19.90	21.76	21.97	21.77	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.14	17.04	17.22	18.00	18.83	18.75	18.62	19.90	21.83	21.83	21.77	22.50
3GPP Rel 6	HSUPA Subtest-1	17.50	17.65	17.54	18.50	19.13	19.26	19.30	20.40	22.35	22.32	22.24	23.00
3GPP Rel 6	HSUPA Subtest-2	15.64	15.49	15.51	16.50	17.39	17.34	17.15	18.40	20.30	20.50	20.16	21.00
3GPP Rel 6	HSUPA Subtest-3	16.56	16.57	16.55	17.50	18.33	18.28	18.29	19.40	21.43	21.38	21.15	22.00
3GPP Rel 6	HSUPA Subtest-4	15.50	15.52	15.57	16.50	17.33	17.47	17.22	18.40	20.36	20.46	20.16	21.00
3GPP Rel 6	HSUPA Subtest-5	17.55	17.64	17.63	18.50	19.33	19.32	19.04	20.40	22.43	22.48	22.23	23.00

Band 2 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.96	17.99	17.88	19.1	0
20	QPSK	1	49	17.88	17.84	17.84		
20	QPSK	1	99	17.82	17.94	17.98		
20	QPSK	50	0	17.86	17.94	17.91	19.1	0
20	QPSK	50	24	17.77	17.93	17.80		
20	QPSK	50	50	17.84	17.90	17.78		
20	QPSK	100	0	17.85	17.89	17.77		
20	16QAM	1	0	17.75	17.87	17.87	19.1	0
20	16QAM	1	49	17.71	17.84	17.84		
20	16QAM	1	99	17.69	17.75	17.71		
20	16QAM	50	0	17.77	17.75	17.70	19.1	0
20	16QAM	50	24	17.70	17.78	17.66		
20	16QAM	50	50	17.74	17.83	17.68		
20	16QAM	100	0	17.85	17.80	17.66		
20	64QAM	1	0	17.75	17.79	17.84	19.1	0
20	64QAM	1	49	17.68	17.71	17.70		
20	64QAM	1	99	17.64	17.69	17.67		
20	64QAM	50	0	17.87	17.94	17.90	19.1	0
20	64QAM	50	24	17.79	17.87	17.85		
20	64QAM	50	50	17.77	17.78	17.70		
20	64QAM	100	0	17.68	17.85	17.76		
20	256QAM	1	0	17.47	17.50	17.46	19	0.1
20	256QAM	1	49	17.50	17.46	17.50		
20	256QAM	1	99	17.38	17.45	17.42		
20	256QAM	50	0	17.52	17.49	17.54	19	0.1
20	256QAM	50	24	17.32	17.48	17.44		
20	256QAM	50	50	17.40	17.52	17.54		
20	256QAM	100	0	17.47	17.40	17.43		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.80	17.92	17.88	19.1	0
15	QPSK	1	37	17.85	17.82	17.71		
15	QPSK	1	74	17.72	17.77	17.80		
15	QPSK	36	0	17.83	17.80	17.83	19.1	0
15	QPSK	36	20	17.77	17.76	17.59		
15	QPSK	36	39	17.74	17.76	17.80		
15	QPSK	75	0	17.72	17.83	17.76		
15	16QAM	1	0	17.55	17.76	17.86	19.1	0
15	16QAM	1	37	17.64	17.78	17.72		
15	16QAM	1	74	17.60	17.75	17.75		
15	16QAM	36	0	17.60	17.54	17.59	19.1	0
15	16QAM	36	20	17.40	17.72	17.49		
15	16QAM	36	39	17.55	17.74	17.52		
15	16QAM	75	0	17.62	17.66	17.45		
15	64QAM	1	0	17.68	17.66	17.84	19.1	0
15	64QAM	1	37	17.58	17.54	17.53		
15	64QAM	1	74	17.65	17.70	17.72		
15	64QAM	36	0	17.68	17.93	17.74	19.1	0
15	64QAM	36	20	17.61	17.70	17.59		
15	64QAM	36	39	17.66	17.60	17.45		
15	64QAM	75	0	17.65	17.74	17.63		
15	256QAM	1	0	17.28	17.30	17.37	19	0.1
15	256QAM	1	37	17.51	17.25	17.46		
15	256QAM	1	74	17.19	17.24	17.35		
15	256QAM	36	0	17.40	17.40	17.46	19	0.1
15	256QAM	36	20	17.22	17.26	17.36		
15	256QAM	36	39	17.36	17.35	17.45		
15	256QAM	75	0	17.37	17.39	17.34		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.80	17.94	17.86	19.1	0
10	QPSK	1	25	17.80	17.64	17.79		
10	QPSK	1	49	17.52	17.95	17.97		
10	QPSK	25	0	17.86	17.80	17.80	19.1	0
10	QPSK	25	12	17.77	17.84	17.80		
10	QPSK	25	25	17.79	17.82	17.80		
10	QPSK	50	0	17.78	17.88	17.78		
10	16QAM	1	0	17.77	17.71	17.87	19.1	0
10	16QAM	1	25	17.65	17.82	17.64		
10	16QAM	1	49	17.43	17.58	17.82		
10	16QAM	25	0	17.64	17.67	17.64	19.1	0
10	16QAM	25	12	17.78	17.84	17.72		
10	16QAM	25	25	17.72	17.68	17.65		
10	16QAM	50	0	17.77	17.64	17.83		
10	64QAM	1	0	17.64	17.77	17.73	19.1	0
10	64QAM	1	25	17.66	17.56	17.65		
10	64QAM	1	49	17.64	17.90	17.75		
10	64QAM	25	0	17.73	17.82	17.88	19.1	0
10	64QAM	25	12	17.60	17.69	17.42		
10	64QAM	25	25	17.74	17.64	17.50		
10	64QAM	50	0	17.58	17.78	17.68		
10	256QAM	1	0	17.45	17.40	17.26	19	0.1
10	256QAM	1	25	17.40	17.24	17.38		
10	256QAM	1	49	17.18	17.30	17.40		
10	256QAM	25	0	17.47	17.36	17.50	19	0.1
10	256QAM	25	12	17.25	17.29	17.43		
10	256QAM	25	25	17.36	17.42	17.41		
10	256QAM	50	0	17.36	17.19	17.22		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.79	17.84	17.75	19.1	0
5	QPSK	1	12	17.67	17.64	17.77		
5	QPSK	1	24	17.66	17.93	17.97		
5	QPSK	12	0	17.78	17.81	17.79	19.1	0
5	QPSK	12	7	17.71	17.79	17.63		
5	QPSK	12	13	17.83	17.84	17.64		
5	QPSK	25	0	17.71	17.90	17.60	19.1	0
5	16QAM	1	0	17.72	17.79	17.86		
5	16QAM	1	12	17.60	17.67	17.75		
5	16QAM	1	24	17.59	17.73	17.85		
5	16QAM	12	0	17.68	17.69	17.65	19.1	0
5	16QAM	12	7	17.41	17.84	17.45		
5	16QAM	12	13	17.63	17.79	17.42		
5	16QAM	25	0	17.77	17.72	17.46		
5	64QAM	1	0	17.66	17.62	17.86	19.1	0
5	64QAM	1	12	17.75	17.71	17.68		
5	64QAM	1	24	17.61	17.92	17.64		
5	64QAM	12	0	17.66	17.85	17.75	19.1	0
5	64QAM	12	7	17.57	17.85	17.59		
5	64QAM	12	13	17.78	17.66	17.64		
5	64QAM	25	0	17.58	17.65	17.59		
5	256QAM	1	0	17.26	17.32	17.35	19	0.1
5	256QAM	1	12	17.40	17.38	17.38		
5	256QAM	1	24	17.36	17.30	17.24		
5	256QAM	12	0	17.52	17.48	17.54	19	0.1
5	256QAM	12	7	17.26	17.46	17.31		
5	256QAM	12	13	17.21	17.44	17.43		
5	256QAM	25	0	17.40	17.26	17.26		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.75	17.88	17.85	19.1	0
3	QPSK	1	8	17.72	17.68	17.78		
3	QPSK	1	14	17.64	17.77	17.81		
3	QPSK	8	0	17.69	17.90	17.73	19.1	0
3	QPSK	8	4	17.73	17.80	17.75		
3	QPSK	8	7	17.84	17.89	17.65		
3	QPSK	15	0	17.72	17.83	17.62		
3	16QAM	1	0	17.75	17.82	17.69	19.1	0
3	16QAM	1	8	17.73	17.83	17.70		
3	16QAM	1	14	17.46	17.72	17.95		
3	16QAM	8	0	17.75	17.62	17.53	19.1	0
3	16QAM	8	4	17.39	17.86	17.59		
3	16QAM	8	7	17.71	17.78	17.59		
3	16QAM	15	0	17.72	17.76	17.49	19.1	0
3	64QAM	1	0	17.56	17.64	17.75		
3	64QAM	1	8	17.73	17.54	17.64		
3	64QAM	1	14	17.54	17.87	17.73		
3	64QAM	8	0	17.75	17.84	17.82	19.1	0
3	64QAM	8	4	17.61	17.82	17.43		
3	64QAM	8	7	17.66	17.77	17.48		
3	64QAM	15	0	17.46	17.84	17.69		
3	256QAM	1	0	17.38	17.50	17.33	19	0.1
3	256QAM	1	8	17.50	17.28	17.49		
3	256QAM	1	14	17.36	17.23	17.31		
3	256QAM	8	0	17.46	17.34	17.34	19	0.1
3	256QAM	8	4	17.10	17.36	17.22		
3	256QAM	8	7	17.32	17.45	17.36		
3	256QAM	15	0	17.36	17.28	17.45		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.76	17.89	17.66	19.1	0
1.4	QPSK	1	3	17.78	17.79	17.76		
1.4	QPSK	1	5	17.71	17.82	17.83		
1.4	QPSK	3	0	17.85	17.92	17.81		
1.4	QPSK	3	1	17.55	17.72	17.70		
1.4	QPSK	3	3	17.65	17.88	17.59		
1.4	QPSK	6	0	17.84	17.69	17.63	19.1	0
1.4	16QAM	1	0	17.69	17.71	17.85	19.1	0
1.4	16QAM	1	3	17.61	17.77	17.62		
1.4	16QAM	1	5	17.45	17.62	17.75		
1.4	16QAM	3	0	17.65	17.61	17.69		
1.4	16QAM	3	1	17.48	17.79	17.52		
1.4	16QAM	3	3	17.62	17.71	17.53		
1.4	16QAM	6	0	17.84	17.70	17.45	19.1	0
1.4	64QAM	1	0	17.67	17.63	17.83	19.1	0
1.4	64QAM	1	3	17.77	17.64	17.62		
1.4	64QAM	1	5	17.64	17.85	17.73		
1.4	64QAM	3	0	17.68	17.84	17.75		
1.4	64QAM	3	1	17.61	17.71	17.51		
1.4	64QAM	3	3	17.77	17.67	17.62		
1.4	64QAM	6	0	17.69	17.86	17.61	19.1	0
1.4	256QAM	1	0	17.28	17.45	17.33	19	0.1
1.4	256QAM	1	3	17.44	17.26	17.47		
1.4	256QAM	1	5	17.23	17.31	17.28		
1.4	256QAM	3	0	17.44	17.47	17.40		
1.4	256QAM	3	1	17.30	17.42	17.34		
1.4	256QAM	3	3	17.37	17.45	17.47		
1.4	256QAM	6	0	17.30	17.22	17.30	19	0.1

Band 4 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.31	20.43	20.33	21.6	0
20	QPSK	1	49	20.31	20.11	20.07		
20	QPSK	1	99	20.07	20.34	20.21		
20	QPSK	50	0	20.14	20.37	20.23	21.6	0
20	QPSK	50	24	20.33	20.30	20.16		
20	QPSK	50	50	20.26	20.30	20.26		
20	QPSK	100	0	20.25	20.29	20.17		
20	16QAM	1	0	20.21	20.29	20.19	21.6	0
20	16QAM	1	49	20.16	20.28	20.13		
20	16QAM	1	99	20.08	20.26	20.08		
20	16QAM	50	0	20.22	20.24	20.08	21.6	0
20	16QAM	50	24	20.18	20.24	20.11		
20	16QAM	50	50	20.20	20.17	19.95		
20	16QAM	100	0	20.14	20.13	20.08		
20	64QAM	1	0	20.19	20.12	20.28	21.6	0
20	64QAM	1	49	20.02	20.15	20.05		
20	64QAM	1	99	19.89	20.06	19.95		
20	64QAM	50	0	19.81	19.73	19.82	21	0.6
20	64QAM	50	24	19.98	19.79	19.92		
20	64QAM	50	50	19.83	19.98	19.74		
20	64QAM	100	0	19.83	19.95	19.75		
20	256QAM	1	0	17.86	17.93	17.82	19	2.6
20	256QAM	1	49	18.00	17.93	17.87		
20	256QAM	1	99	17.81	17.78	17.73		
20	256QAM	50	0	17.89	17.96	17.93	19	2.6
20	256QAM	50	24	17.64	17.88	17.77		
20	256QAM	50	50	17.89	17.99	17.88		
20	256QAM	100	0	17.90	17.91	17.83		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.28	20.25	20.15	21.6	0
15	QPSK	1	37	20.29	20.29	20.01		
15	QPSK	1	74	19.99	20.29	20.07		
15	QPSK	36	0	20.09	20.35	20.06	21.6	0
15	QPSK	36	20	20.26	20.27	20.01		
15	QPSK	36	39	20.14	20.26	20.09		
15	QPSK	75	0	20.09	20.20	20.07		
15	16QAM	1	0	20.02	20.18	20.12	21.6	0
15	16QAM	1	37	19.99	20.13	20.08		
15	16QAM	1	74	20.03	20.09	19.92		
15	16QAM	36	0	20.14	20.22	20.05	21.6	0
15	16QAM	36	20	20.02	20.16	19.98		
15	16QAM	36	39	20.17	20.06	19.80		
15	16QAM	75	0	20.08	20.08	20.03		
15	64QAM	1	0	20.14	20.09	20.24	21.6	0
15	64QAM	1	37	19.88	20.00	19.93		
15	64QAM	1	74	19.85	19.98	19.91		
15	64QAM	36	0	19.99	19.84	19.69	21	0.6
15	64QAM	36	20	19.94	19.99	19.97		
15	64QAM	36	39	20.05	19.92	19.85		
15	64QAM	75	0	19.75	19.86	19.69		
15	256QAM	1	0	17.75	17.81	17.88	19	2.6
15	256QAM	1	37	17.89	17.91	17.92		
15	256QAM	1	74	17.72	17.80	17.93		
15	256QAM	36	0	17.91	17.92	17.91	19	2.6
15	256QAM	36	20	17.61	17.78	17.82		
15	256QAM	36	39	17.76	17.88	17.98		
15	256QAM	75	0	17.81	17.87	17.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.22	20.34	20.16	21.6	0
10	QPSK	1	25	20.14	20.01	19.92		
10	QPSK	1	49	19.93	20.21	20.06		
10	QPSK	25	0	19.99	20.23	20.12	21.6	0
10	QPSK	25	12	20.31	20.28	20.03		
10	QPSK	25	25	20.18	20.06	20.18		
10	QPSK	50	0	20.10	20.25	20.10		
10	16QAM	1	0	20.10	20.14	20.03	21.6	0
10	16QAM	1	25	19.97	20.12	20.03		
10	16QAM	1	49	20.04	20.24	19.92		
10	16QAM	25	0	20.04	20.14	20.03	21.6	0
10	16QAM	25	12	20.01	20.05	20.04		
10	16QAM	25	25	20.18	20.06	19.88		
10	16QAM	50	0	20.04	20.10	19.90		
10	64QAM	1	0	20.09	19.99	20.24	21.6	0
10	64QAM	1	25	19.84	19.99	19.98		
10	64QAM	1	49	19.78	20.00	19.84		
10	64QAM	25	0	19.96	19.71	19.85	21	0.6
10	64QAM	25	12	19.86	19.86	19.93		
10	64QAM	25	25	19.94	19.94	19.80		
10	64QAM	50	0	19.89	19.95	19.66		
10	256QAM	1	0	17.97	17.81	17.90	19	2.6
10	256QAM	1	25	17.83	17.84	17.97		
10	256QAM	1	49	17.88	17.78	17.73		
10	256QAM	25	0	17.96	17.82	17.92	19	2.6
10	256QAM	25	12	17.75	17.82	17.91		
10	256QAM	25	25	17.82	17.96	17.98		
10	256QAM	50	0	17.93	17.88	17.93		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1713.5	1732.5	1752.5		
5	QPSK	1	0	20.20	20.35	20.31	21.6	0
5	QPSK	1	12	20.16	19.97	20.03		
5	QPSK	1	24	20.01	20.24	20.08		
5	QPSK	12	0	20.02	20.35	20.16	21.6	0
5	QPSK	12	7	20.29	20.12	20.13		
5	QPSK	12	13	20.08	20.16	20.18		
5	QPSK	25	0	20.03	20.20	20.11	21.6	0
5	16QAM	1	0	20.03	20.16	20.08		
5	16QAM	1	12	20.00	20.09	20.11		
5	16QAM	1	24	20.03	20.21	19.89		
5	16QAM	12	0	20.12	20.23	19.98	21.6	0
5	16QAM	12	7	20.14	20.17	20.01		
5	16QAM	12	13	20.08	20.16	19.91		
5	16QAM	25	0	19.97	19.97	20.07	21.6	0
5	64QAM	1	0	20.12	20.06	20.17		
5	64QAM	1	12	19.94	19.99	19.98		
5	64QAM	1	24	19.78	20.04	19.81		
5	64QAM	12	0	19.79	19.82	19.68	21	0.6
5	64QAM	12	7	19.94	20.00	19.90		
5	64QAM	12	13	19.81	19.83	19.87		
5	64QAM	25	0	19.87	19.86	19.68		
5	256QAM	1	0	17.96	17.91	17.98	19	2.6
5	256QAM	1	12	17.85	17.82	17.96		
5	256QAM	1	24	17.73	17.93	17.85		
5	256QAM	12	0	17.89	17.96	17.85	19	2.6
5	256QAM	12	7	17.79	17.95	17.78		
5	256QAM	12	13	17.82	17.99	18.01		
5	256QAM	25	0	17.91	17.73	17.87		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.20	20.41	20.29	21.6	0
3	QPSK	1	8	20.25	20.04	19.93		
3	QPSK	1	14	19.97	20.19	20.04		
3	QPSK	8	0	20.12	20.23	20.07	21.6	0
3	QPSK	8	4	20.19	20.18	20.05		
3	QPSK	8	7	20.25	20.27	20.14		
3	QPSK	15	0	20.08	20.13	20.14	21.6	0
3	16QAM	1	0	20.02	20.14	20.04		
3	16QAM	1	8	20.09	20.26	19.97		
3	16QAM	1	14	19.92	20.10	20.01		
3	16QAM	8	0	20.08	20.12	20.04	21.6	0
3	16QAM	8	4	20.01	20.17	20.10		
3	16QAM	8	7	20.07	20.07	19.85		
3	16QAM	15	0	20.01	20.06	20.00	21.6	0
3	64QAM	1	0	20.08	19.98	20.15		
3	64QAM	1	8	19.88	20.08	19.94		
3	64QAM	1	14	19.87	19.88	19.92		
3	64QAM	8	0	19.94	19.67	19.71	21	0.6
3	64QAM	8	4	19.81	19.88	19.77		
3	64QAM	8	7	20.01	19.95	19.90		
3	64QAM	15	0	19.77	20.01	19.72		
3	256QAM	1	0	17.92	17.99	17.76	19	2.6
3	256QAM	1	8	17.79	17.81	17.82		
3	256QAM	1	14	17.83	17.91	17.80		
3	256QAM	8	0	17.85	17.89	17.95	19	2.6
3	256QAM	8	4	17.79	17.92	17.83		
3	256QAM	8	7	17.89	17.90	17.84		
3	256QAM	15	0	17.86	17.72	17.90		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.24	20.38	20.31	21.6	21.6
1.4	QPSK	1	3	20.26	20.00	19.89		
1.4	QPSK	1	5	19.95	20.16	20.11		
1.4	QPSK	3	0	19.95	20.18	20.10		
1.4	QPSK	3	1	20.16	20.22	20.06		
1.4	QPSK	3	3	20.11	20.28	20.19		
1.4	QPSK	6	0	20.09	20.11	20.13	0	21.6
1.4	16QAM	1	0	20.06	20.21	20.14	0	21.6
1.4	16QAM	1	3	20.10	20.14	20.09		
1.4	16QAM	1	5	19.99	20.09	19.93		
1.4	16QAM	3	0	20.10	20.22	19.92		
1.4	16QAM	3	1	20.12	20.11	19.97		
1.4	16QAM	3	3	20.09	20.09	19.89		
1.4	16QAM	6	0	20.02	20.00	19.89	0	21.6
1.4	64QAM	1	0	20.07	19.96	20.13	0	21.6
1.4	64QAM	1	3	19.96	20.12	19.98		
1.4	64QAM	1	5	19.87	19.94	19.89		
1.4	64QAM	3	0	20.08	20.21	20.20		
1.4	64QAM	3	1	20.17	20.18	20.10		
1.4	64QAM	3	3	20.01	20.05	20.10		
1.4	64QAM	6	0	19.81	19.84	19.72	0.6	21
1.4	256QAM	1	0	17.73	17.85	17.83	2.6	19
1.4	256QAM	1	3	18.00	17.71	17.66		
1.4	256QAM	1	5	17.71	17.63	17.55		
1.4	256QAM	3	0	17.86	17.95	17.82		
1.4	256QAM	3	1	17.59	17.90	17.75		
1.4	256QAM	3	3	17.84	17.83	17.84		
1.4	256QAM	6	0	17.75	17.78	17.67	2.6	19

Band 5 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.92	22.97	22.95	24	0
10	QPSK	1	25	22.72	22.94	22.81		
10	QPSK	1	49	22.88	22.85	22.94		
10	QPSK	25	0	21.93	21.97	21.89	23	1
10	QPSK	25	12	21.94	21.91	21.83		
10	QPSK	25	25	21.75	21.85	21.88		
10	QPSK	50	0	21.88	21.95	21.90		
10	16QAM	1	0	21.89	21.90	21.81	23	1
10	16QAM	1	25	21.95	21.80	21.69		
10	16QAM	1	49	21.78	21.80

Band 7 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.37	22.48	22.47	23.5	0
20	QPSK	1	49	22.35	22.45	22.40		
20	QPSK	1	99	22.32	22.40	22.38		
20	QPSK	50	0	22.32	22.43	22.30	23	0.5
20	QPSK	50	24	22.15	22.36	22.32		
20	QPSK	50	50	22.24	22.34	22.29		
20	QPSK	100	0	22.40	22.41	22.29		
20	16QAM	1	0	21.88	22.14	22.10	23	0.5
20	16QAM	1	49	21.73	21.91	21.93		
20	16QAM	1	99	21.76	21.95	21.76		
20	16QAM	50	0	20.99	21.09	21.09	22	1.5
20	16QAM	50	24	21.02	20.91	21.00		
20	16QAM	50	50	20.90	21.06	20.97		
20	16QAM	100	0	20.84	21.17	20.95		
20	64QAM	1	0	21.03	21.09	21.01	22	1.5
20	64QAM	1	49	20.63	20.90	20.89		
20	64QAM	1	99	20.83	20.96	20.75		
20	64QAM	50	0	20.01	20.08	20.03	21	2.5
20	64QAM	50	24	19.92	19.87	19.97		
20	64QAM	50	50	19.84	19.99	19.90		
20	64QAM	100	0	19.80	20.01	19.80		
20	256QAM	1	0	17.92	18.29	17.97	19	4.5
20	256QAM	1	49	17.84	17.85	17.85		
20	256QAM	1	99	17.93	17.99	17.88		
20	256QAM	50	0	17.98	18.26	17.90	19	4.5
20	256QAM	50	24	18.01	18.11	17.78		
20	256QAM	50	50	17.95	18.05	17.92		
20	256QAM	100	0	17.82	18.17	17.90		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.32	22.32	22.43	23.5	0
15	QPSK	1	37	22.28	22.32	22.27		
15	QPSK	1	74	22.17	22.28	22.32		
15	QPSK	36	0	22.27	22.30	22.17	23	0.5
15	QPSK	36	20	22.06	22.31	22.16		
15	QPSK	36	39	22.10	22.22	22.14		
15	QPSK	75	0	22.27	22.37	22.14		
15	16QAM	1	0	21.79	21.96	21.88	23	0.5
15	16QAM	1	37	21.55	21.86	21.81		
15	16QAM	1	74	21.74	21.96	21.77		
15	16QAM	36	0	20.93	21.01	21.09	22	1.5
15	16QAM	36	20	20.83	20.90	20.93		
15	16QAM	36	39	20.89	20.89	20.91		
15	16QAM	75	0	20.72	21.06	20.81		
15	64QAM	1	0	20.83	20.96	20.82	22	1.5
15	64QAM	1	37	20.46	20.81	20.89		
15	64QAM	1	74	20.70	20.79	20.69		
15	64QAM	36	0	19.88	19.93	20.04	21	2.5
15	64QAM	36	20	19.73	19.88	19.97		
15	64QAM	36	39	19.63	19.91	19.91		
15	64QAM	75	0	19.64	20.00	19.71		
15	256QAM	1	0	18.19	18.25	17.96	19	4.5
15	256QAM	1	37	18.22	18.30	18.19		
15	256QAM	1	74	18.22	18.08	18.13		
15	256QAM	36	0	17.92	18.15	17.79	19	4.5
15	256QAM	36	20	18.02	18.02	17.80		
15	256QAM	36	39	17.81	17.89	17.93		
15	256QAM	75	0	17.63	18.10	17.82		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.24	22.32	22.36	23.5	0
10	QPSK	1	25	22.29	22.29	22.28		
10	QPSK	1	49	22.18	22.27	22.33		
10	QPSK	25	0	22.26	22.38	22.23	23	0.5
10	QPSK	25	12	22.08	22.24	22.26		
10	QPSK	25	25	22.19	22.21	22.12		
10	QPSK	50	0	22.27	22.27	22.18		
10	16QAM	1	0	21.74	22.14	22.09	23	0.5
10	16QAM	1	25	21.68	21.70	21.82		
10	16QAM	1	49	21.77	21.86	21.71		
10	16QAM	25	0	20.91	20.98	21.01	22	1.5
10	16QAM	25	12	20.97	20.84	20.87		
10	16QAM	25	25	20.71	20.85	20.77		
10	16QAM	50	0	20.81	21.13	20.85		
10	64QAM	1	0	20.92	20.92	20.98	22	1.5
10	64QAM	1	25	20.54	20.71	20.70		
10	64QAM	1	49	20.75	20.94	20.70		
10	64QAM	25	0	19.83	20.09	19.91	21	2.5
10	64QAM	25	12	19.86	19.70	19.82		
10	64QAM	25	25	19.66	19.90	19.79		
10	64QAM	50	0	19.81	19.97	19.59		
10	256QAM	1	0	17.90	18.13	17.95	19	4.5
10	256QAM	1	25	17.70	17.81	17.71		
10	256QAM	1	49	17.73	17.88	17.72		
10	256QAM	25	0	17.95	18.17	17.92	19	4.5
10	256QAM	25	12	17.80	18.00	18.03		
10	256QAM	25	25	17.91	18.03	18.01		
10	256QAM	50	0	17.72	17.98	17.71		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.21	22.35	22.39	23.5	0
5	QPSK	1	12	22.20	22.30	22.35		
5	QPSK	1	24	22.24	22.32	22.32		
5	QPSK	12	0	22.28	22.31	22.26	23	0.5
5	QPSK	12	7	22.04	22.30	22.21		
5	QPSK	12	13	22.12	22.30	22.23		
5	QPSK	25	0	22.37	22.38	22.19		
5	16QAM	1	0	21.69	21.96	21.99	23	0.5
5	16QAM	1	12	21.56	21.82	21.72		
5	16QAM	1	24	21.72	21.75	21.77		
5	16QAM	12	0	20.88	21.07	21.06	22	1.5
5	16QAM	12	7	20.92	20.79	20.97		
5	16QAM	12	13	20.87	20.99	20.81		
5	16QAM	25	0	20.77	21.04	20.74		
5	64QAM	1	0	20.84	20.98	20.97	22	1.5
5	64QAM	1	12	20.61	20.79	20.90		
5	64QAM	1	24	20.81	20.95	20.64		
5	64QAM	12	0	19.99	19.96	19.84	21	2.5
5	64QAM	12	7	19.71	19.78	19.81		
5	64QAM	12	13	19.85	19.98	19.77		
5	64QAM	25	0	19.62	20.01	19.68		
5	256QAM	1	0	17.89	18.12	17.92	19	4.5
5	256QAM	1	12	17.85	17.71	17.68		
5	256QAM	1	24	17.82	17.83	17.85		
5	256QAM	12	0	17.94	18.13	17.80	19	4.5
5	256QAM	12	7	18.01	18.08	17.79		
5	256QAM	12	13	17.86	17.85	17.79		
5	256QAM	25	0	18.02	18.14	17.90		

Band 12 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.12	23.16	23.07	24	0
10	QPSK	1	25	23.05	23.11	22.89		
10	QPSK	1	49	22.95	23.00	22.98		
10	QPSK	25	0	22.10	22.13	22.02	23	1
10	QPSK	25	12	21.89	22.01	21.80		
10	QPSK	25	25	22.10	21.97	21.98		
10	QPSK	50	0	22.04	22.08	21.97		
10	16QAM	1	0	22.07	22.00	21.90	23	1
10	16QAM	1	25	22.03	22.12	21.99		
10	16QAM	1	49	21.95	22.05	21.95		
10	16QAM	25	0	21.25	21.05	21.20	22	2
10	16QAM	25	12	21.05	21.14	21.06		
10	16QAM	25	25	21.24	21.05	21.10		
10	16QAM	50	0	21.07	21.15	21.06		
10	64QAM	1	0	21.11	21.24	21.24	22	2
10	64QAM	1	25	21.11	21.08	21.13		
10	64QAM	1	49	21.20	21.15	21.21		
10	64QAM	25	0	20.11	20.05	20.11	21	3
10	64QAM	25	12	19.95	20.08	19.97		
10	64QAM	25	25	19.91	19.97	19.92		
10	64QAM	50	0	20.00	20.09	19.95		
10	256QAM	1	0	18.07	18.08	18.04	19	5
10	256QAM	1	25	18.05	18.16	18.16		
10	256QAM	1	49	18.20	18.03	18.02		
10	256QAM	25	0	18.12	18.12	18.06	19	5
10	256QAM	25	12	18.19	18.23	18.11		
10	256QAM	25	25	18.15	18.02	18.09		
10	256QAM	50	0	18.15	18.08	18.13		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.06	22.96	22.93	24	0
5	QPSK	1	12	22.84	23.04	22.85		
5	QPSK	1	24	22.79	22.79	22.94		
5	QPSK	12	0	21.89	22.00	21.82	23	1
5	QPSK	12	7	21.79	21.84	21.75		
5	QPSK	12	13	22.05	21.82	21.91		
5	QPSK	25	0	21.95	21.90	21.88		
5	16QAM	1	0	21.98	21.93	21.82	23	1
5	16QAM	1	12	21.96	21.96	21.92		
5	16QAM	1	24	21.82	21.84	21.74		
5	16QAM	12	0	21.18	20.97	21.11	22	2
5	16QAM	12	7	20.94	21.05	20.96		
5	16QAM	12	13	21.03	20.99	21.01		
5	16QAM	25	0	20.91	21.02	20.88		
5	64QAM	1	0	20.95	21.19	21.07	22	2
5	64QAM	1	12	21.00	20.95	20.98		
5	64QAM	1	24	21.10	21.08	20.99		
5	64QAM	12	0	19.93	20.01	20.03	21	3
5	64QAM	12	7	19.84	19.93	19.83		
5	64QAM	12	13	19.70	19.80	19.71		
5	64QAM	25	0	19.95	20.04	19.79		
5	256QAM	1	0	18.01	17.87	17.87	19	5
5	256QAM	1	12	17.93	17.99	18.11		
5	256QAM	1	24	18.05	17.96	17.85		
5	256QAM	12	0	17.97	18.05	17.84	19	5
5	256QAM	12	7	18.07	18.16	17.97		
5	256QAM	12	13	17.99	17.88	17.89		
5	256QAM	25	0	18.00	17.88	18.03		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.96	23.06	22.87	24	0
3	QPSK	1	8	22.86	22.94	22.75		
3	QPSK	1	14	22.73	22.93	22.86		
3	QPSK	8	0	21.98	21.98	21.90	23	1
3	QPSK	8	4	21.73	21.79	21.75		
3	QPSK	8	7	22.00	21.85	21.78		
3	QPSK	15	0	21.92	21.93	21.89		
3	16QAM	1	0	21.94	21.88	21.73	23	1
3	16QAM	1	8	21.86	22.01	21.82		
3	16QAM	1	14	21.81	21.96	21.75		
3	16QAM	8	0	21.12	20.87	21.01	22	2
3	16QAM	8	4	21.00	21.03	20.95		
3	16QAM	8	7	21.08	20.98	20.99		
3	16QAM	15	0	20.95	21.09	20.90		
3	64QAM	1	0	20.97	21.18	21.13	22	2
3	64QAM	1	8	20.91	21.00	20.91		
3	64QAM	1	14	21.03	21.08	21.00		
3	64QAM	8	0	20.00	19.83	19.92	21	3
3	64QAM	8	4	19.81	20.01	19.85		
3	64QAM	8	7	19.73	19.80	19.77		
3	64QAM	15	0	19.93	20.01	19.83		
3	256QAM	1	0	17.92	17.90	17.93	19	5
3	256QAM	1	8	17.89	17.96	18.02		
3	256QAM	1	14	18.10	17.87	17.93		
3	256QAM	8	0	18.00	18.03	17.86	19	5
3	256QAM	8	4	18.14	18.13	18.04		
3	256QAM	8	7	18.06	17.91	18.01		
3	256QAM	15	0	18.11	17.89	18.01		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.97	23.01	22.99	24	0
1.4	QPSK	1	3	22.86	23.01	22.82		
1.4	QPSK	1	5	22.88	22.95	22.89		
1.4	QPSK	3	0	23.04	23.01	23.02		
1.4	QPSK	3	1	22.90	22.96	22.84		
1.4	QPSK	3	3	22.87	22.94	22.81		
1.4	QPSK	6	0	21.88	21.91	21.89	23	1
1.4	16QAM	1	0	21.86	21.90	21.73	23	1
1.4	16QAM	1	3	21.96	22.01	21.87		
1.4	16QAM	1	5	21.86	21.97	21.85		
1.4	16QAM	3	0	21.96	22.04	21.89		
1.4	16QAM	3	1	21.79	21.87	21.65		
1.4	16QAM	3	3	21.88	21.77	21.87		
1.4	16QAM	6	0	20.98	21.01	20.94	22	2
1.4	64QAM	1	0	20.99	21.04	21.08	22	2
1.4	64QAM	1	3	20.94	20.95	21.03		
1.4	64QAM	1	5	21.11	20.95	21.04		
1.4	64QAM	3	0	20.92	20.92	20.91		
1.4	64QAM	3	1	21.07	20.96	20.88		
1.4	64QAM	3	3	21.00	21.05	20.85		
1.4	64QAM	6	0	19.88	20.04	19.90	21	3
1.4	256QAM	1	0	17.89	17.88	17.99	19	5
1.4	256QAM	1	3	17.93	18.01	18.07		
1.4	256QAM	1	5	18.13	17.82	17.96		
1.4	256QAM	3	0	18.05	17.94	17.86		
1.4	256QAM	3	1	18.00	18.12	17.91		
1.4	256QAM	3	3	17.98	17.86	17.91		
1.4	256QAM	6	0	18.09	17.99	17.95	19	5

Band 13 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.44		24	0
10	QPSK	1	25		23.35			
10	QPSK	1	49		23.30			
10	QPSK	25	0		22.48		23	1
10	QPSK	25	12		22.37			
10	QPSK	25	25		22.44			
10	QPSK	50	0		22.41			
10	16QAM	1	0		22.39		23	1
10	16QAM	1	25		22.49			
10	16QAM	1	49		22.32			
10	16QAM	25	0		21.54		22	2
10	16QAM	25	12		21.55			
10	16QAM	25	25		21.42			
10	16QAM	50	0		21.47			
10	64QAM	1	0		21.43		22	2
10	64QAM	1	25		21.48			
10	64QAM	1	49		21.55			
10	64QAM	25	0		20.46		21	3
10	64QAM	25	12		20.36			
10	64QAM	25	25		20.44			
10	64QAM	50	0		20.40			
10	256QAM	1	0		18.57		19	5
10	256QAM	1	25		18.37			
10	256QAM	1	49		18.42			
10	256QAM	25	0		18.51		19	5
10	256QAM	25	12		18.48			
10	256QAM	25	25		18.37			
10	256QAM	50	0		18.42			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.33	23.35	23.26	24	0
5	QPSK	1	12	23.21	23.20	23.18		
5	QPSK	1	24	23.22	23.17	23.20		
5	QPSK	12	0	22.43	22.35	22.41	23	1
5	QPSK	12	7	22.23	22.18	22.22		
5	QPSK	12	13	22.32	22.30	22.29		
5	QPSK	25	0	22.36	22.25	22.37		
5	16QAM	1	0	22.18	22.24	22.32	23	1
5	16QAM	1	12	22.30	22.30	22.38		
5	16QAM	1	24	22.15	22.14	22.14		
5	16QAM	12	0	21.43	21.48	21.48	22	2
5	16QAM	12	7	21.43	21.43	21.49		
5	16QAM	12	13	21.36	21.26	21.37		
5	16QAM	25	0	21.30	21.35	21.43		
5	64QAM	1	0	21.30	21.33	21.23	22	2
5	64QAM	1	12	21.31	21.29	21.31		
5	64QAM	1	24	21.42	21.39	21.35		
5	64QAM	12	0	20.26	20.39	20.41	21	3
5	64QAM	12	7	20.25	20.16	20.15		
5	64QAM	12	13	20.36	20.23	20.27		
5	64QAM	25	0	20.24	20.19	20.35		
5	256QAM	1	0	18.36	18.41	18.49	19	5
5	256QAM	1	12	18.15	18.15	18.16		
5	256QAM	1	24	18.37	18.24	18.26		
5	256QAM	12	0	18.47	18.41	18.40	19	5
5	256QAM	12	7	18.41	18.28	18.32		
5	256QAM	12	13	18.23	18.32	18.17		
5	256QAM	25	0	18.35	18.33	18.31		

Band 17 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.04	23.13	23.00	24	0
10	QPSK	1	25	22.86	23.01	22.81		
10	QPSK	1	49	22.86	23.06	23.02		
10	QPSK	25	0	22.01	22.06	21.98	23	1
10	QPSK	25	12	21.92	21.87	21.83		
10	QPSK	25	25	21.84	21.96	21.84		
10	QPSK	50	0	21.96	22.05	21.92		
10	16QAM	1	0	21.80	22.06	21.85	23	1
10	16QAM	1	25	21.92	22.06	21.91		
10	16QAM	1	49	21.93	22.04	21.89		
10	16QAM	25	0	21.05	20.96	21.13	22	2
10	16QAM	25	12	21.09	21.04	21.07		
10	16QAM	25	25	20.92	21.01	21.12		
10	16QAM	50	0	21.12	21.12	21.10		
10	64QAM	1	0	20.92	21.08	20.90	22	2
10	64QAM	1	25	20.91	21.09	21.10		
10	64QAM	1	49	20.90	21.03	21.03		
10	64QAM	25	0	19.99	20.00	20.01	21	3
10	64QAM	25	12	19.94	19.94	20.07		
10	64QAM	25	25	20.10	19.92	20.00		
10	64QAM	50	0	19.98	19.94	20.06		
10	256QAM	1	0	18.01	18.13	18.07	19	5
10	256QAM	1	25	18.02	18.11	18.12		
10	256QAM	1	49	18.15	18.08	17.97		
10	256QAM	25	0	18.01	17.99	17.94	19	5
10	256QAM	25	12	18.08	18.11	18.05		
10	256QAM	25	25	18.03	17.99	17.95		
10	256QAM	50	0	18.02	18.05	17.95		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.98	23.06	22.80	24	0
5	QPSK	1	12	22.76	22.82	22.73		
5	QPSK	1	24	22.66	22.85	22.80		
5	QPSK	12	0	21.87	21.86	21.83	23	1
5	QPSK	12	7	21.78	21.75	21.73		
5	QPSK	12	13	21.79	21.89	21.78		
5	QPSK	25	0	21.85	21.92	21.83		
5	16QAM	1	0	21.59	21.89	21.72	23	1
5	16QAM	1	12	21.72	21.99	21.71		
5	16QAM	1	24	21.76	21.86	21.85		
5	16QAM	12	0	20.89	20.86	21.05	22	2
5	16QAM	12	7	20.88	20.94	20.94		
5	16QAM	12	13	20.78	20.94	20.95		
5	16QAM	25	0	20.93	20.93	20.98		
5	64QAM	1	0	20.76	20.97	20.80	22	2
5	64QAM	1	12	20.84	20.93	21.05		
5	64QAM	1	24	20.70	20.83	20.98		
5	64QAM	12	0	19.79	19.79	19.85	21	3
5	64QAM	12	7	19.86	19.88	19.86		
5	64QAM	12	13	19.95	19.77	19.82		
5	64QAM	25	0	19.85	19.84	19.89		
5	256QAM	1	0	17.82	17.92	18.00	19	5
5	256QAM	1	12	17.94	17.98	18.06		
5	256QAM	1	24	18.02	17.91	17.91		
5	256QAM	12	0	17.81	17.93	17.72	19	5
5	256QAM	12	7	18.01	18.03	17.84		
5	256QAM	12	13	17.97	17.85	17.82		
5	256QAM	25	0	17.89	17.89	17.80		

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BW [MHz]	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	22.98	23.05	23.03	24	0
15	QPSK	1	37	22.96	23.04	23.01		
15	QPSK	1	74	22.96	22.84	22.97		
15	QPSK	36	0	22.01	22.09	21.96	23	1
15	QPSK	36	20	21.92	22.01	21.86		
15	QPSK	36	39	22.00	21.99	21.94		
15	QPSK	75	0	21.97	22.04	21.94		
15	16QAM	1	0	21.89	21.89	21.87	23	1
15	16QAM	1	37	21.86	21.93	21.86		
15	16QAM	1	74	21.79	22.10	21.92		
15	16QAM	36	0	21.06	20.96	20.97	22	2
15	16QAM	36	20	21.09	21.12	20.92		
15	16QAM	36	39	21.11	20.92	21.10		
15	16QAM	75	0	21.07	20.97	21.07		
15	64QAM	1	0	21.10	20.96	20.99	22	2
15	64QAM	1	37	21.08	20.96	20.99		
15	64QAM	1	74	20.98	21.08	20.91		
15	64QAM	36	0	20.03	20.00	20.09	21	3
15	64QAM	36	20	19.96	19.93	19.93		
15	64QAM	36	39	20.00	19.91	20.10		
15	64QAM	75	0	19.98	19.96	20.02		
15	256QAM	1	0	18.08	18.19	18.14	19	5
15	256QAM	1	37	18.24	18.22	18.06		
15	256QAM	1	74	18.12	18.14	18.16		
15	256QAM	36	0	18.20	18.23	18.17	19	5
15	256QAM	36	20	18.23	18.05	18.11		
15	256QAM	36	39	18.12	18.16	18.25		
15	256QAM	75	0	18.19	18.18	18.16		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.86	22.86	22.92	24	0
10	QPSK	1	25	22.81	22.85	22.88		
10	QPSK	1	49	22.75	22.64	22.91		
10	QPSK	25	0	21.84	21.88	21.89	23	1
10	QPSK	25	12	21.81	21.80	21.67		
10	QPSK	25	25	21.91	21.90	21.85		
10	QPSK	50	0	21.76	21.90	21.84		
10	16QAM	1	0	21.81	21.80	21.75	23	1
10	16QAM	1	25	21.79	21.84	21.74		
10	16QAM	1	49	21.64	22.01	21.86		
10	16QAM	25	0	21.00	20.80	20.88	22	2
10	16QAM	25	12	21.04	20.96	20.86		
10	16QAM	25	25	20.91	20.72	20.98		
10	16QAM	50	0	20.94	20.85	20.99		
10	64QAM	1	0	20.89	20.84	20.79	22	2
10	64QAM	1	25	20.91	20.89	20.92		
10	64QAM	1	49	20.92	21.02	20.87		
10	64QAM	25	0	19.81	19.81	19.93	21	3
10	64QAM	25	12	19.76	19.75	19.76		
10	64QAM	25	25	19.89	19.79	19.90		
10	64QAM	50	0	19.92	19.83	19.98		
10	256QAM	1	0	17.89	18.12	17.98	19	5
10	256QAM	1	25	18.15	18.04	17.87		
10	256QAM	1	49	18.06	18.06	18.02		
10	256QAM	25	0	18.04	18.08	18.13	19	5
10	256QAM	25	12	18.13	17.95	17.89		
10	256QAM	25	25	18.02	17.98	18.06		
10	256QAM	50	0	18.11	17.97	17.98		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.88	22.89	22.83	24	0
5	QPSK	1	12	22.84	22.89	22.89		
5	QPSK	1	24	22.85	22.62	22.80		
5	QPSK	12	0	21.81	21.99	21.90	23	1
5	QPSK	12	7	21.83	21.94	21.74		
5	QPSK	12	13	21.90	21.91	21.88		
5	QPSK	25	0	21.76	21.94	21.88		
5	16QAM	1	0	21.68	21.76	21.78	23	1
5	16QAM	1	12	21.67	21.79	21.68		
5	16QAM	1	24	21.58	21.98	21.82		
5	16QAM	12	0	21.01	20.82	20.81	22	2
5	16QAM	12	7	20.87	20.95	20.85		
5	16QAM	12	13	20.92	20.86	20.90		
5	16QAM	25	0	20.88	20.84	20.96		
5	64QAM	1	0	21.03	20.90	20.87	22	2
5	64QAM	1	12	20.86	20.81	20.93		
5	64QAM	1	24	20.89	21.01	20.81		
5	64QAM	12	0	19.97	19.87	19.94	21	3
5	64QAM	12	7	19.91	19.86	19.71		
5	64QAM	12	13	19.93	19.83	19.94		
5	64QAM	25	0	19.92	19.82	19.90		
5	256QAM	1	0	17.91	18.08	18.06	19	5
5	256QAM	1	12	18.02	18.02	17.94		
5	256QAM	1	24	18.02	18.00	18.05		
5	256QAM	12	0	18.00	18.17	18.08	19	5
5	256QAM	12	7	18.03	17.86	18.07		
5	256QAM	12	13	17.93	17.98	18.17		
5	256QAM	25	0	18.08	18.14	18.08		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.87	22.94	22.85	24	0
3	QPSK	1	8	22.84	22.95	22.84		
3	QPSK	1	14	22.69	22.70	22.76		
3	QPSK	8	0	21.93	21.93	21.79	23	1
3	QPSK	8	4	21.80	21.91	21.71		
3	QPSK	8	7	21.85	21.89	21.79		
3	QPSK	15	0	21.83	21.86	21.83		
3	16QAM	1	0	21.69	21.79	21.67	23	1
3	16QAM	1	8	21.81	21.72	21.72		
3	16QAM	1	14	21.73	21.90	21.87		
3	16QAM	8	0	20.99	20.90	20.78	22	2
3	16QAM	8	4	20.98	20.94	20.80		
3	16QAM	8	7	20.96	20.71	21.03		
3	16QAM	15	0	20.97	20.89	20.88		
3	64QAM	1	0	21.02	20.74	20.92	22	2
3	64QAM	1	8	20.88	20.78	20.94		
3	64QAM	1	14	20.84	20.96	20.72		
3	64QAM	8	0	19.82	19.87	19.99	21	3
3	64QAM	8	4	19.76	19.80	19.81		
3	64QAM	8	7	19.88	19.70	19.92		
3	64QAM	15	0	19.84	19.84	19.93		
3	256QAM	1	0	17.96	18.07	18.09	19	5
3	256QAM	1	8	18.18	18.07	18.01		
3	256QAM	1	14	17.91	18.05	17.96		
3	256QAM	8	0	17.99	18.03	18.06	19	5
3	256QAM	8	4	18.08	17.97	18.01		
3	256QAM	8	7	17.99	18.07	18.06		
3	256QAM	15	0	18.08	18.11	17.94		
Channel				26667	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.91	22.90	22.85	24	0
1.4	QPSK	1	3	22.83	22.84	22.91		
1.4	QPSK	1	5	22.83	22.67	22.90		
1.4	QPSK	3	0	22.93	22.93	22.86		
1.4	QPSK	3	1	22.85	22.90	22.82		
1.4	QPSK	3	3	22.82	22.69	22.91		
1.4	QPSK	6	0	21.87	21.98	21.77	23	1
1.4	16QAM	1	0	21.79	21.81	21.80	23	1
1.4	16QAM	1	3	21.67	21.86	21.73		
1.4	16QAM	1	5	21.64	21.95	21.85		
1.4	16QAM	3	0	21.83	21.97	21.80		
1.4	16QAM	3	1	21.72	21.87	21.73		
1.4	16QAM	3	3	21.91	21.81	21.86		
1.4	16QAM	6	0	20.87	20.84	21.02	22	2
1.4	64QAM	1	0	20.97	20.86	20.80	22	2
1.4	64QAM	1	3	20.91	20.81	20.92		
1.4	64QAM	1	5	20.94	20.98	20.72		
1.4	64QAM	3	0	20.87	20.76	20.82		
1.4	64QAM	3	1	20.90	20.99	20.75		
1.4	64QAM	3	3	20.93	20.80	20.95		
1.4	64QAM	6	0	19.84	19.76	19.95	21	3
1.4	256QAM	1	0	18.01	18.04	18.03	19	5
1.4	256QAM	1	3	18.17	18.03	17.94		
1.4	256QAM	1	5	18.04	18.08	18.06		
1.4	256QAM	3	0	18.01	18.11	18.05		
1.4	256QAM	3	1	18.19	17.97	18.03		
1.4	256QAM	3	3	18.03	17.96	18.18		
1.4	256QAM	6	0	18.05	18.13	18.04	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	20.67	20.70	20.58	21.6	0
20	QPSK	1	49	20.69	20.46	20.45		
20	QPSK	1	99	20.45	20.69	20.51		
20	QPSK	50	0	20.50	20.64	20.54		
20	QPSK	50	24	20.59	20.62	20.47		
20	QPSK	50	50	20.60	20.55	20.50		
20	QPSK	100	0	20.50	20.56	20.47		
20	16QAM	1	0	20.44	20.61	20.48		
20	16QAM	1	49	20.41	20.64	20.44	21.6	0
20	16QAM	1	99	20.40	20.48	20.31		
20	16QAM	50	0	20.46	20.57	20.37		
20	16QAM	50	24	20.49	20.57	20.42		
20	16QAM	50	50	20.54	20.53	20.31		
20	16QAM	100	0	20.45	20.49	20.31		
20	64QAM	1	0	20.54	20.41	20.64		
20	64QAM	1	49	20.36	20.39	20.38	21.6	0
20	64QAM	1	99	20.26	20.29	20.26		
20	64QAM	50	0	19.72	19.78	19.58		
20	64QAM	50	24	19.83	19.65	19.69		
20	64QAM	50	50	19.77	19.66	19.62	21	0.6
20	64QAM	100	0	19.65	19.71	19.77		
20	256QAM	1	0	17.71	17.83	17.84		
20	256QAM	1	49	17.82	17.80	17.71	19	2.6
20	256QAM	1	99	17.66	17.68	17.81		
20	256QAM	50	0	17.74	17.65	17.77		
20	256QAM	50	24	17.69	17.74	17.75	19	2.6
20	256QAM	50	50	17.85	17.76	17.65		
20	256QAM	100	0	17.68	17.74	17.79		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.54	20.61	20.59	21.6	0
15	QPSK	1	37	20.54	20.30	20.44		
15	QPSK	1	74	20.45	20.49	20.35		
15	QPSK	36	0	20.48	20.51	20.42		
15	QPSK	36	20	20.40	20.41	20.27		
15	QPSK	36	39	20.53	20.34	20.41		
15	QPSK	75	0	20.30	20.58	20.40		
15	16QAM	1	0	20.32	20.59	20.40	21.6	0
15	16QAM	1	37	20.19	20.58	20.38		
15	16QAM	1	74	20.33	20.29	20.13		
15	16QAM	36	0	20.45	20.48	20.25	21.6	0
15	16QAM	36	20	20.34	20.52	20.41		
15	16QAM	36	39	20.53	20.49	20.10		
15	16QAM	75	0	20.31	20.32	20.10		
15	64QAM	1	0	20.38	20.30	20.53	21.6	0
15	64QAM	1	37	20.18	20.30	20.19		
15	64QAM	1	74	20.06	20.19	20.27		
15	64QAM	36	0	19.55	19.58	19.43	21	0.6
15	64QAM	36	20	19.46	19.54	19.58		
15	64QAM	36	39	19.70	19.59	19.53		
15	64QAM	75	0	19.53	19.64	19.67		
15	256QAM	1	0	17.65	17.73	17.76	19	2.6
15	256QAM	1	37	17.62	17.72	17.51		
15	256QAM	1	74	17.52	17.63	17.69		
15	256QAM	36	0	17.56	17.49	17.59	19	2.6
15	256QAM	36	20	17.50	17.66	17.70		
15	256QAM	36	39	17.77	17.60	17.46		
15	256QAM	75	0	17.63	17.59	17.69		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.61	20.60	20.43	21.6	0
10	QPSK	1	25	20.66	20.30	20.42		
10	QPSK	1	49	20.36	20.60	20.52		
10	QPSK	25	0	20.42	20.44	20.56	21.6	0
10	QPSK	25	12	20.59	20.44	20.30		
10	QPSK	25	25	20.44	20.35	20.36		
10	QPSK	50	0	20.41	20.35	20.39		
10	16QAM	1	0	20.35	20.51	20.37	21.6	0
10	16QAM	1	25	20.38	20.56	20.28		
10	16QAM	1	49	20.37	20.29	20.26		
10	16QAM	25	0	20.34	20.38	20.19	21.6	0
10	16QAM	25	12	20.32	20.40	20.25		
10	16QAM	25	25	20.45	20.49	20.20		
10	16QAM	50	0	20.37	20.27	20.25		
10	64QAM	1	0	20.54	20.25	20.44	21.6	0
10	64QAM	1	25	20.37	20.31	20.25		
10	64QAM	1	49	20.23	20.09	20.24		
10	64QAM	25	0	19.50	19.68	19.42	21	0.6
10	64QAM	25	12	19.51	19.54	19.47		
10	64QAM	25	25	19.61	19.49	19.49		
10	64QAM	50	0	19.57	19.66	19.69		
10	256QAM	1	0	17.50	17.73	17.67	19	2.6
10	256QAM	1	25	17.69	17.70	17.61		
10	256QAM	1	49	17.58	17.51	17.64		
10	256QAM	25	0	17.53	17.55	17.59	19	2.6
10	256QAM	25	12	17.61	17.61	17.79		
10	256QAM	25	25	17.72	17.73	17.45		
10	256QAM	50	0	17.47	17.64	17.73		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.62	20.67	20.56	21.6	0
5	QPSK	1	12	20.69	20.46	20.45		
5	QPSK	1	24	20.29	20.69	20.42		
5	QPSK	12	0	20.31	20.65	20.56	21.6	0
5	QPSK	12	7	20.54	20.46	20.32		
5	QPSK	12	13	20.54	20.45	20.48		
5	QPSK	25	0	20.36	20.47	20.39		
5	16QAM	1	0	20.45	20.51	20.38	21.6	0
5	16QAM	1	12	20.36	20.50	20.36		
5	16QAM	1	24	20.26	20.32	20.18		
5	16QAM	12	0	20.38	20.40	20.17	21.6	0
5	16QAM	12	7	20.27	20.51	20.39		
5	16QAM	12	13	20.44	20.42	20.21		
5	16QAM	25	0	20.43	20.33	20.11		
5	64QAM	1	0	20.34	20.38	20.45	21.6	0
5	64QAM	1	12	20.32	20.23	20.23		
5	64QAM	1	24	20.18	20.18	20.25		
5	64QAM	12	0	19.58	19.65	19.46	21	0.6
5	64QAM	12	7	19.57	19.45	19.55		
5	64QAM	12	13	19.69	19.58	19.53		
5	64QAM	25	0	19.56	19.49	19.64		
5	256QAM	1	0	17.56	17.63	17.77	19	2.6
5	256QAM	1	12	17.68	17.75	17.56		
5	256QAM	1	24	17.54	17.50	17.77		
5	256QAM	12	0	17.64	17.61	17.58	19	2.6
5	256QAM	12	7	17.54	17.54	17.66		
5	256QAM	12	13	17.76	17.67	17.43		
5	256QAM	25	0	17.51	17.56	17.74		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.56	20.62	20.46	21.6	0
3	QPSK	1	8	20.58	20.43	20.31		
3	QPSK	1	14	20.41	20.67	20.40		
3	QPSK	8	0	20.47	20.49	20.33	21.6	0
3	QPSK	8	4	20.38	20.43	20.36		
3	QPSK	8	7	20.46	20.43	20.40		
3	QPSK	15	0	20.49	20.39	20.45	21.6	0
3	16QAM	1	0	20.26	20.58	20.43		
3	16QAM	1	8	20.33	20.61	20.27		
3	16QAM	1	14	20.21	20.41	20.28		
3	16QAM	8	0	20.25	20.53	20.17	21.6	0
3	16QAM	8	4	20.47	20.44	20.42		
3	16QAM	8	7	20.47	20.31	20.20		
3	16QAM	15	0	20.38	20.36	20.29	21.6	0
3	64QAM	1	0	20.37	20.38	20.58		
3	64QAM	1	8	20.26	20.30	20.23		
3	64QAM	1	14	20.23	20.11	20.17		
3	64QAM	8	0	19.55	19.63	19.38	21	0.6
3	64QAM	8	4	19.49	19.47	19.49		
3	64QAM	8	7	19.70	19.58	19.55		
3	64QAM	15	0	19.49	19.65	19.60		
3	256QAM	1	0	17.57	17.71	17.72	19	2.6
3	256QAM	1	8	17.68	17.66	17.59		
3	256QAM	1	14	17.58	17.56	17.75		
3	256QAM	8	0	17.68	17.48	17.70	19	2.6
3	256QAM	8	4	17.50	17.58	17.53		
3	256QAM	8	7	17.79	17.70	17.56		
3	256QAM	15	0	17.48	17.65	17.57		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.49	20.57	20.49	21.6	0
1.4	QPSK	1	3	20.57	20.38	20.29		
1.4	QPSK	1	5	20.31	20.64	20.42		
1.4	QPSK	3	0	20.37	20.44	20.32		
1.4	QPSK	3	1	20.49	20.56	20.48		
1.4	QPSK	3	3	20.58	20.45	20.37		
1.4	QPSK	6	0	20.37	20.39	20.34	21.6	0
1.4	16QAM	1	0	20.34	20.54	20.27	21.6	0
1.4	16QAM	1	3	20.39	20.49	20.41		
1.4	16QAM	1	5	20.28	20.49	20.17		
1.4	16QAM	3	0	20.44	20.43	20.31		
1.4	16QAM	3	1	20.38	20.46	20.35		
1.4	16QAM	3	3	20.48	20.44	20.15		
1.4	16QAM	6	0	20.37	20.40	20.23	21.6	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.09	23.18	23.02	24	0
20	QPSK	1	49	23.05	22.97	22.75		
20	QPSK	1	99	22.93	23.01	22.69		
20	QPSK	50	0	22.06	22.10	22.05	23	1
20	QPSK	50	24	21.81	22.04	22.01		
20	QPSK	50	50	21.72	22.02	21.94		
20	QPSK	100	0	21.97	22.10	21.88		
20	16QAM	1	0	21.83	21.85	21.84	23	1
20	16QAM	1	49	21.61	21.65	21.67		
20	16QAM	1	99	21.65	21.68	21.59		
20	16QAM	50	0	20.82	20.89	20.86	22	2
20	16QAM	50	24	20.54	20.91	20.65		
20	16QAM	50	50	20.66	20.90	20.75		
20	16QAM	100	0	20.85	21.04	20.68		
20	64QAM	1	0	20.66	20.86	20.84	22	2
20	64QAM	1	49	20.61	20.72	20.44		
20	64QAM	1	99	20.50	20.83	20.56		
20	64QAM	50	0	19.85	19.84	19.72	21	3
20	64QAM	50	24	19.75	19.79	19.56		
20	64QAM	50	50	19.73	19.94	19.76		
20	64QAM	100	0	19.73	19.95	19.74		
20	256QAM	1	0	18.02	18.09	17.97	19	5
20	256QAM	1	49	17.89	18.04	17.84		
20	256QAM	1	99	17.90	18.15	17.80		
20	256QAM	50	0	18.09	18.13	18.02	19	5
20	256QAM	50	24	17.98	17.74	18.15		
20	256QAM	50	50	17.98	17.81	18.06		
20	256QAM	100	0	18.05	17.96	18.12		
Channel				37825	38000	38173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.94	23.00	22.85	24	0
15	QPSK	1	37	23.03	22.77	22.62		
15	QPSK	1	74	22.79	22.81	22.56		
15	QPSK	36	0	21.88	21.98	21.99	23	1
15	QPSK	36	20	21.71	21.87	21.82		
15	QPSK	36	39	21.63	22.02	21.74		
15	QPSK	75	0	21.89	22.04	21.85		
15	16QAM	1	0	21.78	21.78	21.64	23	1
15	16QAM	1	37	21.54	21.65	21.58		
15	16QAM	1	74	21.58	21.58	21.46		
15	16QAM	36	0	20.62	20.82	20.70	22	2
15	16QAM	36	20	20.78	20.73	20.74		
15	16QAM	36	39	20.90	20.92	20.85		
15	16QAM	75	0	20.75	20.83	20.88		
15	64QAM	1	0	20.53	20.86	20.79	22	2
15	64QAM	1	37	20.48	20.52	20.36		
15	64QAM	1	74	20.51	20.74	20.45		
15	64QAM	36	0	19.79	19.86	19.72	21	3
15	64QAM	36	20	19.59	19.70	19.50		
15	64QAM	36	39	19.66	19.73	19.61		
15	64QAM	75	0	19.69	19.74	19.73		
15	256QAM	1	0	17.97	17.99	17.86	19	5
15	256QAM	1	37	17.77	17.93	17.70		
15	256QAM	1	74	17.91	18.02	17.74		
15	256QAM	36	0	17.89	18.14	17.89	19	5
15	256QAM	36	20	17.98	17.74	18.09		
15	256QAM	36	39	17.76	17.70	18.04		
15	256QAM	75	0	17.86	17.77	18.10		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.99	23.11	22.97	24	0
10	QPSK	1	25	22.87	22.94	22.67		
10	QPSK	1	49	22.72	22.80	22.62		
10	QPSK	25	0	21.87	22.11	21.98	23	1
10	QPSK	25	12	22.04	21.85	21.90		
10	QPSK	25	25	22.06	21.98	21.95		
10	QPSK	50	0	21.79	21.97	21.75		
10	16QAM	1	0	21.82	21.74	21.62	23	1
10	16QAM	1	25	21.62	21.63	21.62		
10	16QAM	1	49	21.53	21.60	21.56		
10	16QAM	25	0	20.60	20.70	20.71	22	2
10	16QAM	25	12	20.45	20.87	20.44		
10	16QAM	25	25	20.59	20.68	20.65		
10	16QAM	50	0	20.66	20.87	20.59		
10	64QAM	1	0	20.52	20.78	20.84	22	2
10	64QAM	1	25	20.50	20.70	20.34		
10	64QAM	1	49	20.41	20.80	20.47		
10	64QAM	25	0	19.65	19.67	19.64	21	3
10	64QAM	25	12	19.63	19.65	19.49		
10	64QAM	25	25	19.57	19.73	19.71		
10	64QAM	50	0	19.68	19.85	19.53		
10	256QAM	1	0	18.01	17.92	17.78	19	5
10	256QAM	1	25	17.83	17.84	17.86		
10	256QAM	1	49	17.89	18.15	17.65		
10	256QAM	25	0	17.98	18.07	17.82	19	5
10	256QAM	25	12	17.95	17.70	18.07		
10	256QAM	25	25	17.77	17.83	17.94		
10	256QAM	50	0	18.01	17.92	18.11		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.94	22.96	22.89	24	0
5	QPSK	1	12	22.84	22.97	22.61		
5	QPSK	1	24	22.91	22.99	22.62		
5	QPSK	12	0	21.98	22.11	21.86	23	1
5	QPSK	12	7	21.78	22.05	22.00		
5	QPSK	12	13	21.71	21.84	21.89		
5	QPSK	25	0	21.96	21.98	21.75		
5	16QAM	1	0	21.76	21.73	21.77	23	1
5	16QAM	1	12	21.40	21.62	21.46		
5	16QAM	1	24	21.51	21.65	21.39		
5	16QAM	12	0	20.71	20.86	20.78	22	2
5	16QAM	12	7	20.51	20.87	20.47		
5	16QAM	12	13	20.62	20.70	20.76		
5	16QAM	25	0	20.82	20.99	20.57		
5	64QAM	1	0	20.49	20.68	20.74	22	2
5	64QAM	1	12	20.47	20.63	20.33		
5	64QAM	1	24	20.51	20.62	20.49		
5	64QAM	12	0	19.74	19.86	19.58	21	3
5	64QAM	12	7	19.63	19.74	19.66		
5	64QAM	12	13	19.62	19.92	19.75		
5	64QAM	25	0	19.63	19.86	19.61		
5	256QAM	1	0	17.85	18.07	17.95	19	5
5	256QAM	1	12	17.90	18.02	17.69		
5	256QAM	1	24	17.71	18.04	17.75		
5	256QAM	12	0	18.00	17.98	18.04	19	5
5	256QAM	12	7	17.89	17.74	18.02		
5	256QAM	12	13	17.97	17.63	17.86		
5	256QAM	25	0	17.87	17.75	18.12		

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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	22.37	22.62	22.34	22.50	24	0
20	QPSK	1	49	22.30	22.54	22.59	22.58	22.61		
20	QPSK	1	99	22.33	22.39	22.60	22.29	22.42		
20	QPSK	50	0	21.31	21.26	21.43	21.23	21.40	23	1
20	QPSK	50	24	21.09	21.08	21.35	21.18	21.33		
20	QPSK	50	50	21.05	21.06	21.34	21.16	21.30		
20	QPSK	100	0	21.10	21.12	21.38	21.13	21.31		
20	16QAM	1	0	21.08	21.07	21.43	21.10	21.34	23	1
20	16QAM	1	49	21.05	21.02	21.33	21.06	21.30		
20	16QAM	1	99	21.03	21.10	21.28	21.02	21.29		
20	16QAM	50	0	20.19	20.07	20.51	20.22	20.47	22	2
20	16QAM	50	24	20.07	20.20	20.54	20.12	20.44		
20	16QAM	50	50	20.10	20.19	20.49	20.20	20.34		
20	16QAM	100	0	20.25	20.15	20.35	20.29	20.32		
20	64QAM	1	0	20.27	20.21	20.52	20.08	20.51	22	2
20	64QAM	1	49	20.12	20.11	20.49	20.06	20.28		
20	64QAM	1	99	20.25	20.28	20.38	20.28	20.32		
20	64QAM	50	0	19.19	19.16	19.32	19.10	19.42	21	3
20	64QAM	50	24	19.20	19.18	19.42	19.19	19.37		
20	64QAM	50	50	19.16	19.27	19.53	19.08	19.29		
20	64QAM	100	0	19.20	19.13	19.48	19.09	19.50		
20	256QAM	1	0	17.25	17.07	17.40	17.25	17.39	19	5
20	256QAM	1	49	17.15	17.27	17.34	17.16	17.52		
20	256QAM	1	99	17.16	17.08	17.34	17.07	17.33		
20	256QAM	50	0	17.06	17.13	17.36	17.21	17.29	19	5
20	256QAM	50	24	17.25	17.07	17.45	17.07	17.47		
20	256QAM	50	50	17.24	17.07	17.34	17.15	17.46		
20	256QAM	100	0	17.22	17.08	17.36	17.10	17.29		
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	22.29	22.30	22.54	22.19	22.37	24.00	0
15	QPSK	1	37	22.20	22.35	22.47	22.53	22.55		
15	QPSK	1	74	22.27	22.19	22.43	22.10	22.33		
15	QPSK	36	0	21.20	21.16	21.41	21.21	21.33	23	1
15	QPSK	36	20	21.01	21.10	21.32	21.13	21.35		
15	QPSK	36	39	21.14	21.06	21.37	21.23	21.30		
15	QPSK	75	0	21.00	21.06	21.47	21.06	21.39		
15	16QAM	1	0	21.17	21.10	21.42	21.02	21.33	23	1
15	16QAM	1	37	21.02	21.05	21.42	21.01	21.34		
15	16QAM	1	74	21.10	21.15	21.27	21.05	21.37		
15	16QAM	36	0	20.15	20.04	20.50	20.21	20.39	22	2
15	16QAM	36	20	20.13	20.11	20.49	20.08	20.41		
15	16QAM	36	39	20.08	20.27	20.44	20.30	20.40		
15	16QAM	75	0	20.29	20.14	20.35	20.39	20.34		
15	64QAM	1	0	20.22	20.23	20.46	20.13	20.45	22	2
15	64QAM	1	37	20.07	20.01	20.43	20.06	20.29		
15	64QAM	1	74	20.19	20.35	20.29	20.20	20.27		
15	64QAM	36	0	19.11	19.18	19.23	19.32	19.34	21	3
15	64QAM	36	20	19.16	19.15	19.50	19.28	19.40		
15	64QAM	36	39	19.14	19.20	19.61	19.50	19.31		
15	64QAM	75	0	19.22	19.34	19.42	19.51	19.59		
15	256QAM	1	0	17.21	17.06	17.46	17.26	17.48	19	5
15	256QAM	1	37	17.19	17.34	17.35	17.25	17.43		
15	256QAM	1	74	17.18	17.15	17.27	17.12	17.35		
15	256QAM	36	0	17.02	17.04	17.30	17.13	17.25	19	5
15	256QAM	36	20	17.27	17.27	17.41	17.14	17.43		
15	256QAM	36	39	17.29	17.02	17.28	17.10	17.46		
15	256QAM	75	0	17.17	17.07	17.42	17.18	17.22		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.28	22.26	22.53	22.23	22.32	24.00	0
10	QPSK	1	25	22.16	22.44	22.35	22.34	22.53		
10	QPSK	1	49	22.09	22.33	22.49	22.05	22.31		
10	QPSK	25	0	21.19	21.11	21.51	21.13	21.41	23	1
10	QPSK	25	12	21.17	21.15	21.43	21.25	21.34		
10	QPSK	25	25	21.01	21.12	21.28	21.16	21.20		
10	QPSK	50	0	21.00	21.10	21.37	21.15	21.28		
10	16QAM	1	0	21.16	21.16	21.46	21.03	21.37	23	1
10	16QAM	1	25	21.02	21.02	21.29	21.01	21.36		
10	16QAM	1	49	21.11	21.02	21.29	21.04	21.20		
10	16QAM	25	0	20.21	20.47	20.58	20.26	20.45	22	2
10	16QAM	25	12	20.52	20.54	20.45	20.54	20.39		
10	16QAM	25	25	20.48	20.61	20.53	20.52	20.38		
10	16QAM	50	0	20.30	20.06	20.45	20.31	20.33		
10	64QAM	1	0	20.36	20.45	20.52	20.15	20.59	22	2
10	64QAM	1	25	20.46	20.49	20.55	20.50	20.26		
10	64QAM	1	49	20.35	20.30	20.32	20.30	20.39		
10	64QAM	25	0	19.16	19.22	19.23	19.13	19.47	21	3
10	64QAM	25	12	19.13	19.14	19.51	19.16	19.31		
10	64QAM	25	25	19.21	19.21	19.61	19.15	19.36		
10	64QAM	50	0	19.14	19.17	19.46	19.21	19.57		
10	256QAM	1	0	17.19	17.16	17.42	17.31	17.39	19	5
10	256QAM	1	25	17.16	17.33	17.33	17.43	17.53		
10	256QAM	1	49	17.28	17.26	17.27	17.41	17.34		
10	256QAM	25	0	17.06	17.21	17.42	17.14	17.20	19	5
10	256QAM	25	12	17.21	17.11	17.40	17.17	17.49		
10	256QAM	25	25	17.16	17.05	17.33	17.11	17.53		
10	256QAM	50	0	17.30	17.12	17.42	17.17	17.29		
Channel				39675	40135	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.30	22.16	22.61	22.24	22.39	24.00	0
5	QPSK	1	12	22.23	22.45	22.34	22.52	22.51		
5	QPSK	1	24	22.22	22.16	22.51	22.19	22.21		
5	QPSK	12	0	21.17	21.11	21.33	21.15	21.47	23	1
5	QPSK	12	7	21.17	21.09	21.36	21.18	21.27		
5	QPSK	12	13	21.09	21.15	21.38	21.22	21.33		
5	QPSK	25	0	21.02	21.14	21.39	21.21	21.22		
5	16QAM	1	0	21.03	21.16	21.40	21.19	21.29	23	1
5	16QAM	1	12	21.09	21.03	21.38	21.05	21.31		
5	16QAM	1	24	21.02	21.01	21.37	21.09	21.25		
5	16QAM	12	0	20.27	20.22	20.41	20.13	20.53	22	2
5	16QAM	12	7	20.20	20.25	20.50	20.27	20.44		
5	16QAM	12	13	20.32	20.15	20.45	20.20	20.25		
5	16QAM	25	0	20.27	20.10	20.34	20.39	20.28		
5	64QAM	1	0	20.32	20.16	20.55	20.12	20.42	22	2
5	64QAM	1	12	20.07	20.15	20.43	20.12	20.31		
5	64QAM	1	24	20.18	20.37	20.35	20.29	20.40		
5	64QAM	12	0	19.16	19.23	19.31	19.08	19.50	21	3
5	64QAM	12	7	19.19	19.28	19.49	19.25	19.41		
5	64QAM	12	13	19.18	19.19	19.55	19.10	19.33		
5	64QAM	25	0	19.24	19.21	19.43	19.12	19.57		
5	256QAM	1	0	17.18	17.14	17.41	17.34	17.39	19	5
5	256QAM	1	12	17.26	17.30	17.37	17.41	17.56		
5	256QAM	1	24	17.33	17.26	17.40	17.35	17.31		
5	256QAM	12	0	17.15	17.04	17.45	17.30	17.21	19	5
5	256QAM	12	7	17.35	17.08	17.43	17.15	17.37		
5	256QAM	12	13	17.17	17.16	17.33	17.07	17.50		
5	256QAM	25	0	17.20	17.13	17.27	17.19	17.34		

Band 41 Ant 0 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.35	25.23	25.45	25.28	25.39	27	0
20	QPSK	1	49	25.20	25.23	25.39	25.12	25.27		
20	QPSK	1	99	25.26	25.13	25.31	25.16	25.36		
20	QPSK	50	0	24.17	24.13	24.38	24.08	24.22	26	1
20	QPSK	50	24	24.14	24.14	24.30	24.10	24.24		
20	QPSK	50	50	24.15	24.22	24.29	24.11	24.27		
20	QPSK	100	0	24.17	24.18	24.29	24.09	24.25		
20	16QAM	1	0	24.20	24.12	24.20	24.00	24.08	26	1
20	16QAM	1	49	24.17	24.10	24.29	24.08	24.26		
20	16QAM	1	99	24.04	24.14	24.29	24.16	24.27		
20	16QAM	50	0	23.20	23.21	23.09	23.14	23.08	25	2
20	16QAM	50	24	23.17	23.08	23.15	23.20	23.13		
20	16QAM	50	50	23.04	23.22	23.06	23.22	23.14		
20	16QAM	100	0	23.13	23.03	23.06	23.22	23.09		
20	64QAM	1	0	23.23	23.06	23.12	23.21	23.09	25	2
20	64QAM	1	49	23.18	23.12	23.16	23.13	23.02		
20	64QAM	1	99	23.09	23.00	23.14	23.09	23.17		
20	64QAM	50	0	22.18	22.12	22.28	22.23	22.30	24	3
20	64QAM	50	24	22.26	22.17	22.31	22.17	22.17		
20	64QAM	50	50	22.30	22.12	22.15	22.28	22.30		
20	64QAM	100	0	22.13	22.31	22.18	22.12	22.32		
20	256QAM	1	0	20.20	20.16	20.23	20.20	20.13	22	5
20	256QAM	1	49	20.11	20.18	20.11	20.25	20.11		
20	256QAM	1	99	20.13	20.11	20.11	20.27	20.21		
20	256QAM	50	0	20.24	20.14	20.19	20.11	20.18	22	5
20	256QAM	50	24	20.17	20.29	20.28	20.27	20.27		
20	256QAM	50	50	20.23	20.10	20.28	20.23	20.32		
20	256QAM	100	0	20.28	20.16	20.30	20.09	20.18		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.33	25.31	25.42	25.21	25.42	27	0
15	QPSK	1	37	25.14	25.33	25.34	25.13	25.35		
15	QPSK	1	74	25.21	25.14	25.37	25.19	25.41		
15	QPSK	36	0	24.16	24.12	24.44	24.01	24.14	26	1
15	QPSK	36	20	24.08	24.11	24.21	24.13	24.27		
15	QPSK	36	39	24.15	24.13	24.21	24.21	24.25		
15	QPSK	75	0	24.21	24.20	24.29	24.15	24.23		
15	16QAM	1	0	24.25	24.10	24.14	24.01	24.07	26	1
15	16QAM	1	37	24.10	24.07	24.26	24.09	24.35		
15	16QAM	1	74	24.13	24.08	24.32	24.21	24.26		
15	16QAM	36	0	23.11	23.15	23.13	23.12	23.06	25	2
15	16QAM	36	20	23.19	23.11	23.13	23.22	23.09		
15	16QAM	36	39	23.06	23.19	23.15	23.30	23.21		
15	16QAM	75	0	23.05	23.03	23.09	23.18	23.05		
15	64QAM	1	0	23.24	23.11	23.20	23.31	23.02	25	2
15	64QAM	1	37	23.17	23.21	23.08	23.17	23.11		
15	64QAM	1	74	23.07	23.03	23.23	23.07	23.12		
15	64QAM	36	0	22.10	22.21	22.30	22.15	22.38	24	3
15	64QAM	36	20	22.31	22.17	22.37	22.26	22.09		
15	64QAM	36	39	22.31	22.17	22.05	22.31	22.34		
15	64QAM	75	0	22.20	22.25	22.12	22.09	22.22		
15	256QAM	1	0	20.26	20.09	20.19	20.23	20.21	22	5
15	256QAM	1	37	20.07	20.13	20.09	20.22	20.14		
15	256QAM	1	74	20.11	20.16	20.09	20.36	20.29		
15	256QAM	36	0	20.20	20.21	20.10	20.08	20.13	22	5
15	256QAM	36	20	20.25	20.29	20.18	20.32	20.32		
15	256QAM	36	39	20.31	20.08	20.25	20.31	20.35		
15	256QAM	75	0	20.26	20.17	20.23	20.04	20.15		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.38	25.17	25.35	25.21	25.37	27	0
10	QPSK	1	25	25.15	25.16	25.35	25.12	25.26		
10	QPSK	1	49	25.17	25.12	25.32	25.23	25.26		
10	QPSK	25	0	24.14	24.20	24.33	24.04	24.31	26	1
10	QPSK	25	12	24.16	24.10	24.35	24.18	24.31		
10	QPSK	25	25	24.14	24.27	24.32	24.19	24.18		
10	QPSK	50	0	24.16	24.16	24.19	24.18	24.30		
10	16QAM	1	0	24.21	24.15	24.14	24.04	24.01	26	1
10	16QAM	1	25	24.26	24.10	24.36	24.13	24.27		
10	16QAM	1	49	24.09	24.14	24.38	24.18	24.35		
10	16QAM	25	0	23.20	23.20	23.14	23.17	23.17	25	2
10	16QAM	25	12	23.09	23.01	23.10	23.27	23.08		
10	16QAM	25	25	23.12	23.30	23.12	23.13	23.12		
10	16QAM	50	0	23.23	23.09	23.06	23.16	23.00		
10	64QAM	1	0	23.17	23.15	23.05	23.17	23.17	25	2
10	64QAM	1	25	23.27	23.14	23.26	23.07	23.09		
10	64QAM	1	49	23.16	23.03	23.12	23.18	23.26		
10	64QAM	25	0	22.20	22.19	22.24

Band		WCDMA II Ant 1			Tune-up Limit (dBm)	WCDMA IV Ant 1			Tune-up Limit (dBm)	WCDMA V Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.8	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	18.63	18.75	18.66	20.00	19.92	20.02	19.98	21.10	23.31	23.42	23.29	24.00
3GPP Rel 99	RMC 12.2Kbps	18.74	18.79	18.71	20.00	19.99	20.07	20.00	21.10	23.39	23.44	23.32	24.00
3GPP Rel 6	HSDPA Subtest-1	17.71	17.69	17.93	19.00	18.91	19.00	19.16	20.10	22.35	22.49	22.31	23.00
3GPP Rel 6	HSDPA Subtest-2	17.75	17.89	17.74	19.00	18.95	19.20	19.12	20.10	22.39	22.51	22.33	23.00
3GPP Rel 6	HSDPA Subtest-3	17.38	17.16	17.32	18.50	18.73	18.44	18.57	19.60	21.95	21.91	21.85	22.50
3GPP Rel 6	HSDPA Subtest-4	17.33	17.38	17.21	18.50	18.57	18.59	18.47	19.60	21.84	21.93	21.84	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.80	17.94	17.79	19.00	19.15	19.25	19.03	20.10	22.41	22.39	22.25	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.64	17.96	17.85	19.00	18.97	19.18	19.22	20.10	22.36	22.51	22.23	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.24	17.30	17.43	18.50	18.53	18.66	18.68	19.60	21.96	21.90	21.84	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.35	17.28	17.17	18.50	18.73	18.55	18.53	19.60	21.89	21.88	21.76	22.50
3GPP Rel 6	HSUPA Subtest-1	17.70	17.94	17.71	19.00	19.05	19.17	19.08	20.10	22.45	22.48	22.24	23.00
3GPP Rel 6	HSUPA Subtest-2	15.70	15.78	15.70	17.00	17.05	17.06	17.07	18.10	20.38	20.51	20.39	21.00
3GPP Rel 6	HSUPA Subtest-3	16.81	16.80	16.81	18.00	18.13	18.16	18.17	19.10	21.46	21.48	21.28	22.00
3GPP Rel 6	HSUPA Subtest-4	15.78	15.88	15.89	17.00	17.11	17.23	17.24	18.10	20.33	20.38	20.27	21.00
3GPP Rel 6	HSUPA Subtest-5	17.83	17.82	17.80	19.00	19.04	19.08	19.08	20.10	22.42	22.38	22.35	23.00

Band 2 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.03	20.07	19.95		
20	QPSK	1	49	19.87	20.04	19.86	21.4	0
20	QPSK	1	99	20.02	20.01	19.99		
20	QPSK	50	0	19.95	19.99	19.93		
20	QPSK	50	24	19.87	19.96	19.94	21.4	0
20	QPSK	50	50	19.85	19.91	19.90		
20	QPSK	100	0	19.85	19.89	19.82		
20	16QAM	1	0	19.79	20.00	19.92		
20	16QAM	1	49	19.81	19.88	19.94	21.4	0
20	16QAM	1	99	19.84	19.90	19.72		
20	16QAM	50	0	19.50	19.47	19.44		
20	16QAM	50	24	19.54	19.58	19.35	21	0.4
20	16QAM	50	50	19.45	19.57	19.54		
20	16QAM	100	0	19.76	19.58	19.48		
20	64QAM	1	0	19.48	19.63	19.58		
20	64QAM	1	49	19.38	19.60	19.51	21	0.4
20	64QAM	1	99	19.35	19.54	19.37		
20	64QAM	50	0	18.81	18.93	18.71		
20	64QAM	50	24	18.63	18.73	18.53	20	1.4
20	64QAM	50	50	18.67	18.71	18.52		
20	64QAM	100	0	18.71	18.89	18.83		
20	256QAM	1	0	16.76	16.93	16.85		
20	256QAM	1	49	16.70	16.83	16.72	18	3.4
20	256QAM	1	99	16.62	16.80	16.62		
20	256QAM	50	0	16.71	16.90	16.68		
20	256QAM	50	24	16.48	16.69	16.63	18	3.4
20	256QAM	50	50	16.55	16.70	16.55		
20	256QAM	100	0	16.67	16.84	16.70		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.85	19.88	19.95		
15	QPSK	1	37	19.70	20.02	19.80	21.4	0
15	QPSK	1	74	19.80	19.88	19.96		
15	QPSK	36	0	19.74	19.93	19.74		
15	QPSK	36	20	19.65	19.81	19.85	21.4	0
15	QPSK	36	39	19.76	19.76	19.90		
15	QPSK	75	0	19.74	19.88	19.68		
15	16QAM	1	0	19.63	19.96	19.86		
15	16QAM	1	37	19.69	19.83	19.87	21.4	0
15	16QAM	1	74	19.67	19.84	19.50		
15	16QAM	36	0	19.40	19.30	19.24		
15	16QAM	36	20	19.56	19.59	19.27	21	0.4
15	16QAM	36	39	19.26	19.44	19.37		
15	16QAM	75	0	19.71	19.57	19.30		
15	64QAM	1	0	19.30	19.44	19.54		
15	64QAM	1	37	19.36	19.39	19.42	21	0.4
15	64QAM	1	74	19.33	19.44	19.34		
15	64QAM	36	0	18.62	18.73	18.63		
15	64QAM	36	20	18.52	18.56	18.44	20	1.4
15	64QAM	36	39	18.51	18.53	18.44		
15	64QAM	75	0	18.49	18.85	18.73		
15	256QAM	1	0	16.71	16.83	16.77		
15	256QAM	1	37	16.60	16.76	16.61	18	3.4
15	256QAM	1	74	16.47	16.59	16.42		
15	256QAM	36	0	16.50	16.84	16.52		
15	256QAM	36	20	16.34	16.48	16.51	18	3.4
15	256QAM	36	39	16.50	16.50	16.38		
15	256QAM	75	0	16.58	16.76	16.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.01	20.02	19.80		
10	QPSK	1	25	19.69	19.85	19.70	21.4	0
10	QPSK	1	49	19.93	19.90	19.86		
10	QPSK	25	0	19.74	19.80	19.74		
10	QPSK	25	12	19.86	19.75	19.79	21.4	0
10	QPSK	25	25	19.73	19.70	19.69		
10	QPSK	50	0	19.76	19.78	19.82		
10	16QAM	1	0	19.78	19.96	19.74		
10	16QAM	1	25	19.60	19.77	19.90	21.4	0
10	16QAM	1	49	19.74	19.90	19.71		
10	16QAM	25	0	19.45	19.43	19.26		
10	16QAM	25	12	19.47	19.43	19.23	21	0.4
10	16QAM	25	25	19.28	19.52	19.51		
10	16QAM	50	0	19.66	19.59	19.27		
10	64QAM	1	0	19.33	19.55	19.49		
10	64QAM	1	25	19.40	19.54	19.50	21	0.4
10	64QAM	1	49	19.26	19.49	19.17		
10	64QAM	25	0	18.76	18.74	18.51		
10	64QAM	25	12	18.43	18.56	18.38	20	1.4
10	64QAM	25	25	18.62	18.60	18.32		
10	64QAM	50	0	18.56	18.68	18.76		
10	256QAM	1	0	16.57	16.76	16.76		
10	256QAM	1	25	16.55	16.73	16.64	18	3.4
10	256QAM	1	49	16.57	16.69	16.51		
10	256QAM	25	0	16.66	16.85	16.54		
10	256QAM	25	12	16.39	16.54	16.53	18	3.4
10	256QAM	25	25	16.40	16.62	16.44		
10	256QAM	50	0	16.49	16.63	16.65		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.86	20.04	19.80		
5	QPSK	1	12	19.70	20.06	19.73	21.4	0
5	QPSK	1	24	19.85	20.02	19.93		
5	QPSK	12	0	19.80	19.99	19.76		
5	QPSK	12	7	19.88	19.88	19.81	21.4	0
5	QPSK	12	13	19.69	19.71	19.85		
5	QPSK	25	0	19.72	19.69	19.73		
5	16QAM	1	0	19.58	19.86	19.82		
5	16QAM	1	12	19.82	19.86	19.76	21.4	0
5	16QAM	1	24	19.79	19.90	19.54		
5	16QAM	12	0	19.47	19.47	19.36		
5	16QAM	12	7	19.38	19.37	19.37	21	0.4
5	16QAM	12	13	19.29	19.51	19.35		
5	16QAM	25	0	19.73	19.49	19.31		
5	64QAM	1	0	19.39	19.60	19.48		
5	64QAM	1	12	19.26	19.54	19.44	21	0.4
5	64QAM	1	24	19.28	19.47	19.23		
5	64QAM	12	0	18.75	18.71	18.49		
5	64QAM	12	7	18.41	18.56	18.43	20	1.4
5	64QAM	12	13	18.63	18.66	18.43		
5	64QAM	25	0	18.66	18.77	18.73		
5	256QAM	1	0	16.55	16.75	16.65		
5	256QAM	1	12	16.62	16.62	16.55	18	3.4
5	256QAM	1	24	16.58	16.72	16.43		
5	256QAM	12	0	16.50	16.79	16.55		
5	256QAM	12	7	16.35	16.64	16.52	18	3.4
5	256QAM	12	13	16.42	16.59	16.35		
5	256QAM	25	0	16.46	16.67	16.52		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.05	20.00	19.89		
3	QPSK	1	8	19.85	19.89	19.74	21.4	0
3	QPSK	1	14	19.92	19.89	19.90		
3	QPSK	8	0	19.93	19.87	19.83		
3	QPSK	8	4	19.72	19.90	19.81	21.4	0
3	QPSK	8	7	19.64	19.72	19.88		
3	QPSK	15	0	19.85	19.88	19.77		
3	16QAM	1	0	19.66	19.94	19.81		
3	16QAM	1	8	19.82	19.71	19.84	21.4	0
3	16QAM	1	14	19.76	19.71	19.67		
3	16QAM	8	0	19.46	19.46	19.41		
3	16QAM	8	4	19.33	19.41	19.21	21	0.4
3	16QAM	8	7	19.37	19.37	19.54		
3	16QAM	15	0	19.70	19.49	19.45		
3	64QAM	1	0	19.38	19.64	19.50		
3	64QAM	1	8	19.23	19.48	19.53	21	0.4
3	64QAM	1	14	19.17	19.50	19.31		
3	64QAM	8	0	18.68	18.73	18.55		
3	64QAM	8	4	18.50	18.52	18.41	20	1.4
3	64QAM	8	7	18.48	18.63	18.37		
3	64QAM	15	0	18.65	18.77	18.78		
3	256QAM	1	0	16.67	16.80	16.67		
3	256QAM	1	8	16.63	16.73	16.67	18	3.4
3	256QAM	1	14	16.48	16.60	16.57		
3	256QAM	8	0	16.62	16.75	16.53		
3	256QAM	8	4	16.34	16.62	16.48	18	3.4
3	256QAM	8	7	16.36	16.64	16.33		
3	256QAM	15	0	16.47	16.73	16.61		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.96	19.86	19.86		
1.4	QPSK	1	3	19.71	20.05	19.82		
1.4	QPSK	1	5	19.91	19.88	19.97	21.4	0
1.4	QPSK	3	0	19.74	19.82	19.74		
1.4	QPSK	3	1	19.84	19.83	19.76		
1.4	QPSK	3	3	19.77	19.73	19.84		
1.4	QPSK	6	0	19.63	19.89	19.80	21.4	0
1.4	16QAM	1	0	19.80	19.81	19.90		
1.4	16QAM	1	3	19.71	19.86	19.79		
1.4	16QAM	1	5	19.83	19.88	19.67	21.4	0
1.4	16QAM	3	0	19.60	19.72	19.72		
1.4	16QAM	3	1	19.72	19.70	19.66		
1.4	16QAM	3	3	19.63	19.65	19.69		
1.4	16QAM	6	0	19.57	19.58	19.48	21	0.4
1.4	64QAM	1	0	19.31	19.52	19.54		
1.4	64QAM	1	3	19.32	19.54	19.45		
1.4	64QAM	1	5	19.17	19.36	19.18	21	0.4
1.4	64QAM	3	0	19.30	19.49	19.57		
1.4	64QAM	3	1	19.26	19.57	19.37		
1.4	64QAM	3	3	19.32	19.50	19.17		
1.4	64QAM	6	0	18.67	18.76	18.69	20	1.4
1.4	256QAM	1	0	16.64	16.75	16.74		
1.4	256QAM	1	3	16.58	16.62	16.61		
1.4	256QAM	1	5	16.55	16.62	16.57	18	3.4
1.4	256QAM	3	0	16.55	16.72	16.63		
1.4	256QAM	3	1	16.29	16.53	16.54		
1.4	256QAM	3	3	16.34	16.65	16.48		
1.4	256QAM	6	0	16.46	16.69	16.54	18	3.4

Band 4 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.59	19.73	19.52		
20	QPSK	1	49	19.69	19.50	19.52	20.9	0
20	QPSK	1	99	19.47	19.60	19.48		
20	QPSK	50	0	19.43	19.63	19.52		
20	QPSK	50	24	19.46	19.61	19.58	20.9	0
20	QPSK	50	50	19.55	19.54	19.35		
20	QPSK	100	0	19.43	19.73	19.43		
20	16QAM	1	0	19.57	19.66	19.61		
20	16QAM	1	49	19.33	19.43	19.53	20.9	0
20	16QAM	1	99	19.36	19.52	19.43		
20	16QAM	50	0	19.55	19.40	19.28		
20	16QAM	50	24	19.39	19.46	19.45	20.9	0
20	16QAM	50	50	19.30	19.49	19.36		
20	16QAM	100	0	19.55	19.60	19.35		
20	64QAM	1	0	19.33	19.54	19.62		
20	64QAM	1	49	19.21	19.45	19.35	20.9	0
20	64QAM	1	99	19.19	19.31	19.47		
20	64QAM	50	0	19.60	19.58	19.55		
20	64QAM	50	24	19.42	19.46	19.38	20.9	0
20	64QAM	50	50	19.47	19.62	19.33		
20	64QAM	100	0	19.34	19.53	19.38		
20	256QAM	1	0	17.77	17.74	17.68		
20	256QAM	1	49	17.67	17.65	17.56	19	1.9
20	256QAM	1	99	17.67	17.64	17.66		
20	256QAM	50	0	17.79	17.67	17.67		
20	256QAM	50	24	17.70	17.67	17.61	19	1.9
20	256QAM	50	50	17.75	17.69	17.73		
20	256QAM	100	0	17.77	17.63	17.75		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.47	19.47	19.26		
15	QPSK	1	37	19.43	19.39	19.31	20.9	0
15	QPSK	1	74	19.22	19.38	19.31		
15	QPSK	36	0	19.28	19.44	19.28		
15	QPSK	36	20	19.31	19.49	19.33	20.9	0
15	QPSK	36	39	19.36	19.26	19.12		
15	QPSK	75	0	19.27	19.27	19.21		
15	16QAM	1	0	19.45	19.45	19.48		
15	16QAM	1	37	19.20	19.21	19.33	20.9	0
15	16QAM	1	74	19.18	19.32	19.26		
15	16QAM	36	0	19.31	19.17	19.05		
15	16QAM	36	20	19.16	19.31	19.20	20.9	0
15	16QAM	36	39	19.06	19.22	19.23		
15	16QAM	75	0	19.20	19.36	19.23		
15	64QAM	1	0	19.22	19.32	19.49		
15	64QAM	1	37	19.02	19.26	19.19	20.9	0
15	64QAM	1	74	19.07	19.11	19.35		
15	64QAM	36	0	19.46	19.45	19.43		
15	64QAM	36	20	19.19	19.27	19.16	20.9	0
15	64QAM	36	39	19.22	19.50	19.05		
15	64QAM	75	0	19.09	19.25	19.23		
15	256QAM	1	0	17.64	17.59	17.66		
15	256QAM	1	37	17.61	17.49	17.39	19	1.9
15	256QAM	1	74	17.56	17.63	17.48		
15	256QAM	36	0	17.70	17.51	17.56		
15	256QAM	36	20	17.66	17.56	17.44	19	1.9
15	256QAM	36	39	17.58	17.66	17.55		
15	256QAM	75	0	17.66	17.48	17.61		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.38	19.58	19.34		
10	QPSK	1	25	19.44	19.29	19.32	20.9	0
10	QPSK	1	49	19.35	19.44	19.32		
10	QPSK	25	0	19.16	19.40	19.26		
10	QPSK	25	12	19.30	19.34	19.46	20.9	0
10	QPSK	25	25	19.35	19.35	19.11		
10	QPSK	50	0	19.26	19.35	19.15		
10	16QAM	1	0	19.32	19.51	19.38		
10	16QAM	1	25	19.13	19.14	19.33	20.9	0
10	16QAM	1	49	19.25	19.40	19.29		
10	16QAM	25	0	19.43	19.26	19.14		
10	16QAM	25	12	19.24	19.20	19.24	20.9	0
10	16QAM	25	25	19.10	19.34	19.20		
10	16QAM	50	0	19.30	19.34	19.09		
10	64QAM	1	0	19.14	19.32	19.48		
10	64QAM	1	25	19.08	19.25	19.19	20.9	0
10	64QAM	1	49	19.02	19.13	19.25		
10	64QAM	25	0	19.35	19.31	19.32		
10	64QAM	25	12	19.31	19.25	19.18	20.9	0
10	64QAM	25	25	19.32	19.35	19.09		
10	64QAM	50	0	19.14	19.27	19.13		
10	256QAM	1	0	17.71	17.68	17.51		
10	256QAM	1	25	17.59	17.63	17.50	19	1.9
10	256QAM	1	49	17.57	17.49	17.49		
10	256QAM	25	0	17.64	17.51	17.48		
10	256QAM	25	12	17.68	17.56	17.53	19	1.9
10	256QAM	25	25	17.54	17.57	17.62		
10	256QAM	50	0	17.60	17.55	17.56		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.40	19.58	19.35		
5	QPSK	1	12	19.56	19.36	19.38	20.9	0
5	QPSK	1	24	19.33	19.49	19.26		
5	QPSK	12	0	19.28	19.46	19.30		
5	QPSK	12	7	19.22	19.45	19.40	20.9	0
5	QPSK	12	13	19.35	19.28	19.08		
5	QPSK	25	0	19.27	19.31	19.23		
5	16QAM	1	0	19.36	19.41	19.38		
5	16QAM	1	12	19.07	19.19	19.41	20.9	0
5	16QAM	1	24	19.18	19.27	19.28		
5	16QAM	12	0	19.37	19.12	19.11		
5	16QAM	12	7	19.23	19.23	19.31	20.9	0
5	16QAM	12	13	19.25	19.45	19.08		
5	16QAM	25	0	19.41	19.35	19.21		
5	64QAM	1	0	19.09	19.39	19.51		
5	64QAM	1	12	19.02	19.30	19.12	20.9	0
5	64QAM	1	24	19.06	19.07	19.34		
5	64QAM	12	0	19.34	19.31	19.26		
5	64QAM	12	7	19.26	19.30	19.14	20.9	0
5	64QAM	12	13	19.33	19.42	19.08		
5	64QAM	25	0	19.21	19.31	19.16		
5	256QAM	1	0	17.69	17.58	17.49		
5	256QAM	1	12	17.57	17.60	17.54	19	1.9
5	256QAM	1	24	17.65	17.44	17.57		
5	256QAM	12	0	17.67	17.62	17.59		
5	256QAM	12	7	17.63	17.61	17.51	19	1.9
5	256QAM	12	13	17.54	17.59	17.70		
5	256QAM	25	0	17.69	17.47	17.68		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.44	19.59	19.38		
3	QPSK	1	8	19.45	19.21	19.28	20.9	0
3	QPSK	1	14	19.28	19.54	19.32		
3	QPSK	8	0	19.17	19.41	19.28		
3	QPSK	8	4	19.19	19.38	19.39	20.9	0
3	QPSK	8	7	19.26	19.29	19.23		
3	QPSK	15	0	19.23	19.33	19.19		
3	16QAM	1	0	19.38	19.47	19.43		
3	16QAM	1	8	19.21	19.22	19.31	20.9	0
3	16QAM	1	14	19.10	19.32	19.19		
3	16QAM	8	0	19.44	19.13	19.05		
3	16QAM	8	4	19.21	19.26	19.21	20.9	0
3	16QAM	8	7	19.15	19.34	19.24		
3	16QAM	15	0	19.35	19.48	19.22		
3	64QAM	1	0	19.14	19.43	19.34		
3	64QAM	1	8	18.95	19.33	19.20	20.9	0
3	64QAM	1	14	18.96	19.08	19.20		
3	64QAM	8	0	19.40	19.41	19.42		
3	64QAM	8	4	19.30	19.25	19.12	20.9	0
3	64QAM	8	7	19.24	19.43	19.14		
3	64QAM	15	0	19.17	19.42	19.13		
3	256QAM	1	0	17.63	17.66	17.51		
3	256QAM	1	8	17.65	17.64	17.39	19	1.9
3	256QAM	1	14	17.64	17.59	17.59		
3	256QAM	8	0	17.69	17.49	17.60		
3	256QAM	8	4	17.85	17.64	17.60	19	1.9
3	256QAM	8	7	17.59	17.53	17.61		
3	256QAM	15	0	17.79	17.59	17.74		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.36	19.62	19.24		
1.4	QPSK	1	3	19.46	19.52	19.39		
1.4	QPSK	1	5	19.44	19.36	19.33	20.9	0
1.4	QPSK	3	0	19.21	19.47	19.25		
1.4	QPSK	3	1	19.25	19.46	19.37		
1.4	QPSK	3	3	19.19	19.33	19.36		
1.4	QPSK	6	0	19.39	19.28	19.10	20.9	0
1.4	16QAM	1	0	19.30	19.25	19.17		
1.4	16QAM	1	3	19.33	19.39	19.49		
1.4	16QAM	1	5	19.16	19.31	19.40	20.9	0
1.4	16QAM	3	0	19.10	19.36	19.23		
1.4	16QAM	3	1	19.37	19.16	19.13		
1.4	16QAM	3	3	19.27	19.23	19.27		
1.4	16QAM	6	0	19.03	19.22	19.24	20.9	0
1.4	64QAM	1	0	19.28	19.42	19.08		
1.4	64QAM	1	3	19.18	19.37	19.42		
1.4	64QAM	1	5	19.02	19.32	19.08	20.9	0
1.4	64QAM	3	0	18.97	19.02	19.28		
1.4	64QAM	3	1	19.44	19.36	19.30		
1.4	64QAM	3	3	19.17	19.17	19.24		
1.4	64QAM	6	0	19.29	19.39	19.08	20.9	0
1.4	256QAM	1	0	17.61	17.56	17.55		
1.4	256QAM	1	3	17.64	17.50	17.37		
1.4	256QAM	1	5	17.50	17.58	17.58	19	1.9
1.4	256QAM	3	0	17.69	17.53	17.58		
1.4	256QAM	3	1	17.58	17.52	17.56		
1.4	256QAM	3	3	17.64	17.54	17.64		
1.4	256QAM	6	0	17.57	17.43	17.70	19	1.9

Band 5 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.57	22.67	22.41		
10	QPSK	1	25	22.38	22.59	22.39	24	0
10	QPSK	1	49	22.49	22.47	22.44		
10	QPSK	25	0	21.43	21.48	21.45		
10	QPSK	25	12	21.22	21.35	21.46	23	1
10	QPSK	25	25	21.22	21.44	21.30		
10	QPSK	50	0	21.25	21.46	21.37		
10	16QAM	1	0	21.24	21.33	21.44		
10	16QAM	1	25	21.41	21.30	21.27	23	1
10	16QAM	1	49	21.29	21.44

Band 7 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.46	18.55	18.39	19.7	0
20	QPSK	1	49	18.39	18.40	18.33		
20	QPSK	1	99	18.30	18.36	18.32		
20	QPSK	50	0	18.45	18.51	18.40	19.7	0
20	QPSK	50	24	18.33	18.47	18.37		
20	QPSK	50	50	18.38	18.37	18.19		
20	QPSK	100	0	18.40	18.45	18.36		
20	16QAM	1	0	18.24	18.41	18.35	19.7	0
20	16QAM	1	49	18.19	18.24	18.43		
20	16QAM	1	99	18.18	18.36	18.16		
20	16QAM	50	0	18.38	18.16	18.16	19.7	0
20	16QAM	50	24	18.24	18.17	18.17		
20	16QAM	50	50	18.14	18.40	18.30		
20	16QAM	100	0	18.35	18.33	18.22		
20	64QAM	1	0	18.28	18.38	18.28	19.7	0
20	64QAM	1	49	18.14	18.29	18.17		
20	64QAM	1	99	18.07	18.16	18.16		
20	64QAM	50	0	18.32	18.36	18.49	19.7	0
20	64QAM	50	24	18.29	18.47	18.38		
20	64QAM	50	50	18.29	18.29	18.24		
20	64QAM	100	0	18.28	18.36	18.27		
20	256QAM	1	0	17.59	17.69	17.54	19	0.7
20	256QAM	1	49	17.64	17.54	17.60		
20	256QAM	1	99	17.48	17.59	17.75		
20	256QAM	50	0	17.42	17.49	17.71	19	0.7
20	256QAM	50	24	17.57	17.60	17.49		
20	256QAM	50	50	17.52	17.45	17.41		
20	256QAM	100	0	17.56	17.55	17.51		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.36	18.44	18.25	19.7	0
15	QPSK	1	37	18.38	18.31	18.20		
15	QPSK	1	74	18.27	18.29	18.30		
15	QPSK	36	0	18.33	18.29	18.35	19.7	0
15	QPSK	36	20	18.11	18.25	18.22		
15	QPSK	36	39	18.23	18.17	18.10		
15	QPSK	75	0	18.33	18.32	18.18		
15	16QAM	1	0	18.09	18.20	18.27	19.7	0
15	16QAM	1	37	18.19	18.11	18.28		
15	16QAM	1	74	18.15	18.31	17.98		
15	16QAM	36	0	18.37	18.16	18.08	19.7	0
15	16QAM	36	20	18.19	18.03	17.96		
15	16QAM	36	39	18.08	18.32	18.28		
15	16QAM	75	0	18.35	18.33	18.07		
15	64QAM	1	0	18.14	18.23	18.24	19.7	0
15	64QAM	1	37	18.08	18.13	18.15		
15	64QAM	1	74	17.85	17.94	18.13		
15	64QAM	36	0	18.21	18.20	18.43	19.7	0
15	64QAM	36	20	18.16	18.39	18.35		
15	64QAM	36	39	18.16	18.24	18.06		
15	64QAM	75	0	18.09	18.27	18.16		
15	256QAM	1	0	17.44	17.55	17.50	19	0.7
15	256QAM	1	37	17.44	17.33	17.55		
15	256QAM	1	74	17.32	17.41	17.54		
15	256QAM	36	0	17.37	17.50	17.59	19	0.7
15	256QAM	36	20	17.37	17.56	17.40		
15	256QAM	36	39	17.36	17.46	17.23		
15	256QAM	75	0	17.57	17.34	17.38		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.31	18.46	18.25	19.7	0
10	QPSK	1	25	18.39	18.28	18.35		
10	QPSK	1	49	18.13	18.14	18.17		
10	QPSK	25	0	18.45	18.31	18.34	19.7	0
10	QPSK	25	12	18.13	18.48	18.39		
10	QPSK	25	25	18.35	18.38	18.12		
10	QPSK	50	0	18.22	18.39	18.20		
10	16QAM	1	0	18.03	18.41	18.21	19.7	0
10	16QAM	1	25	18.20	18.04	18.38		
10	16QAM	1	49	18.16	18.29	18.15		
10	16QAM	25	0	18.32	17.96	18.17	19.7	0
10	16QAM	25	12	18.24	18.10	18.10		
10	16QAM	25	25	18.07	18.22	18.10		
10	16QAM	50	0	18.36	18.35	18.00		
10	64QAM	1	0	18.15	18.36	18.13	19.7	0
10	64QAM	1	25	18.08	18.24	18.10		
10	64QAM	1	49	17.92	17.98	18.05		
10	64QAM	25	0	18.22	18.30	18.28	19.7	0
10	64QAM	25	12	18.16	18.46	18.30		
10	64QAM	25	25	18.20	18.28	18.04		
10	64QAM	50	0	18.25	18.27	18.06		
10	256QAM	1	0	17.50	17.71	17.52	19	0.7
10	256QAM	1	25	17.52	17.49	17.49		
10	256QAM	1	49	17.43	17.37	17.59		
10	256QAM	25	0	17.34	17.44	17.57	19	0.7
10	256QAM	25	12	17.56	17.41	17.29		
10	256QAM	25	25	17.38	17.44	17.34		
10	256QAM	50	0	17.36	17.47	17.50		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.29	18.36	18.23	19.7	0
5	QPSK	1	12	18.37	18.28	18.20		
5	QPSK	1	24	18.23	18.29	18.31		
5	QPSK	12	0	18.36	18.45	18.38	19.7	0
5	QPSK	12	7	18.34	18.32	18.22		
5	QPSK	12	13	18.30	18.26	18.19		
5	QPSK	25	0	18.19	18.26	18.15		
5	16QAM	1	0	18.12	18.42	18.18	19.7	0
5	16QAM	1	12	18.02	18.24	18.42		
5	16QAM	1	24	18.20	18.31	18.17		
5	16QAM	12	0	18.35	18.18	17.95	19.7	0
5	16QAM	12	7	18.23	18.19	18.01		
5	16QAM	12	13	18.00	18.31	18.18		
5	16QAM	25	0	18.14	18.17	18.07		
5	64QAM	1	0	18.23	18.21	18.15	19.7	0
5	64QAM	1	12	18.13	18.28	17.96		
5	64QAM	1	24	18.03	18.03	18.02		
5	64QAM	12	0	18.14	18.37	18.39	19.7	0
5	64QAM	12	7	18.14	18.39	18.32		
5	64QAM	12	13	18.28	18.08	18.10		
5	64QAM	25	0	18.12	18.17	18.20		
5	256QAM	1	0	17.40	17.62	17.49	19	0.7
5	256QAM	1	12	17.56	17.56	17.55		
5	256QAM	1	24	17.33	17.57	17.59		
5	256QAM	12	0	17.41	17.32	17.68	19	0.7
5	256QAM	12	7	17.59	17.52	17.31		
5	256QAM	12	13	17.40	17.44	17.31		
5	256QAM	25	0	17.45	17.42	17.41		

Band 12 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.63	22.75	22.66	24	0
10	QPSK	1	25	22.57	22.64	22.50		
10	QPSK	1	49	22.50	22.60	22.54		
10	QPSK	25	0	21.68	21.77	21.75	23	1
10	QPSK	25	12	21.48	21.71	21.60		
10	QPSK	25	25	21.61	21.63	21.57		
10	QPSK	50	0	21.61	21.70	21.67		
10	16QAM	1	0	21.67	21.73	21.71	23	1
10	16QAM	1	25	21.47	21.77	21.56		
10	16QAM	1	49	21.48	21.65	21.69		
10	16QAM	25	0	20.65	20.65	20.62	22	2
10	16QAM	25	12	20.58	20.61	20.64		
10	16QAM	25	25	20.77	20.58	20.58		
10	16QAM	50	0	20.60	20.54	20.62		
10	64QAM	1	0	20.66	20.64	20.77	22	2
10	64QAM	1	25	20.69	20.76	20.53		
10	64QAM	1	49	20.55	20.61	20.71		
10	64QAM	25	0	19.69	19.66	19.62	21	3
10	64QAM	25	12	19.66	19.69	19.65		
10	64QAM	25	25	19.60	19.51	19.60		
10	64QAM	50	0	19.60	19.49	19.49		
10	256QAM	1	0	17.59	17.63	17.66	19	5
10	256QAM	1	25	17.59	17.49	17.50		
10	256QAM	1	49	17.70	17.58	17.60		
10	256QAM	25	0	17.53	17.50	17.60	19	5
10	256QAM	25	12	17.53	17.54	17.61		
10	256QAM	25	25	17.61	17.55	17.53		
10	256QAM	50	0	17.54	17.50	17.63		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.48	22.65	22.50	24	0
5	QPSK	1	12	22.48	22.59	22.37		
5	QPSK	1	24	22.44	22.43	22.33		
5	QPSK	12	0	21.55	21.63	21.67	23	1
5	QPSK	12	7	21.28	21.52	21.54		
5	QPSK	12	13	21.45	21.47	21.50		
5	QPSK	25	0	21.45	21.55	21.45		
5	16QAM	1	0	21.57	21.55	21.57	23	1
5	16QAM	1	12	21.33	21.55	21.41		
5	16QAM	1	24	21.28	21.56	21.49		
5	16QAM	12	0	20.47	20.49	20.48	22	2
5	16QAM	12	7	20.47	20.54	20.45		
5	16QAM	12	13	20.62	20.52	20.39		
5	16QAM	25	0	20.45	20.48	20.44		
5	64QAM	1	0	20.61	20.59	20.65	22	2
5	64QAM	1	12	20.58	20.57	20.46		
5	64QAM	1	24	20.46	20.50	20.66		
5	64QAM	12	0	19.53	19.58	19.40	21	3
5	64QAM	12	7	19.61	19.62	19.44		
5	64QAM	12	13	19.40	19.36	19.54		
5	64QAM	25	0	19.47	19.37	19.38		
5	256QAM	1	0	17.39	17.50	17.50	19	5
5	256QAM	1	12	17.49	17.42	17.33		
5	256QAM	1	24	17.64	17.53	17.46		
5	256QAM	12	0	17.38	17.43	17.44	19	5
5	256QAM	12	7	17.41	17.43	17.57		
5	256QAM	12	13	17.57	17.37	17.40		
5	256QAM	25	0	17.33	17.34	17.49		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.56	22.70	22.54	24	0
3	QPSK	1	8	22.52	22.60	22.40		
3	QPSK	1	14	22.30	22.45	22.35		
3	QPSK	8	0	21.52	21.61	21.58	23	1
3	QPSK	8	4	21.38	21.64	21.43		
3	QPSK	8	7	21.52	21.52	21.50		
3	QPSK	15	0	21.52	21.66	21.50		
3	16QAM	1	0	21.48	21.65	21.49	23	1
3	16QAM	1	8	21.28	21.65	21.41		
3	16QAM	1	14	21.32	21.59	21.48		
3	16QAM	8	0	20.44	20.47	20.53	22	2
3	16QAM	8	4	20.47	20.56	20.55		
3	16QAM	8	7	20.61	20.51	20.40		
3	16QAM	15	0	20.53	20.39	20.47		
3	64QAM	1	0	20.46	20.56	20.60	22	2
3	64QAM	1	8	20.63	20.65	20.45		
3	64QAM	1	14	20.46	20.45	20.50		
3	64QAM	8	0	19.61	19.52	19.41	21	3
3	64QAM	8	4	19.48	19.65	19.44		
3	64QAM	8	7	19.39	19.43	19.41		
3	64QAM	15	0	19.44	19.43	19.45		
3	256QAM	1	0	17.52	17.42	17.52	19	5
3	256QAM	1	8	17.43	17.34	17.30		
3	256QAM	1	14	17.53	17.38	17.56		
3	256QAM	8	0	17.45	17.38	17.50	19	5
3	256QAM	8	4	17.45	17.42	17.42		
3	256QAM	8	7	17.45	17.34	17.34		
3	256QAM	15	0	17.49	17.34	17.42		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.44	22.55	22.52	24	0
1.4	QPSK	1	3	22.51	22.49	22.32		
1.4	QPSK	1	5	22.39	22.44	22.45		
1.4	QPSK	3	0	22.57	22.70	22.62		
1.4	QPSK	3	1	22.50	22.53	22.44		
1.4	QPSK	3	3	22.44	22.45	22.43		
1.4	QPSK	6	0	21.52	21.58	21.60	23	1
1.4	16QAM	1	0	21.54	21.55	21.51	23	1
1.4	16QAM	1	3	21.38	21.69	21.39		
1.4	16QAM	1	5	21.38	21.57	21.53		
1.4	16QAM	3	0	21.55	21.66	21.57		
1.4	16QAM	3	1	21.40	21.54	21.38		
1.4	16QAM	3	3	21.49	21.58	21.49		
1.4	16QAM	6	0	20.45	20.41	20.50	22	2
1.4	64QAM	1	0	20.53	20.52	20.56	22	2
1.4	64QAM	1	3	20.59	20.65	20.39		
1.4	64QAM	1	5	20.35	20.41	20.54		
1.4	64QAM	3	0	20.51	20.54	20.46		
1.4	64QAM	3	1	20.37	20.41	20.45		
1.4	64QAM	3	3	20.64	20.40	20.42		
1.4	64QAM	6	0	19.44	19.35	19.35	21	3
1.4	256QAM	1	0	17.44	17.41	17.51	19	5
1.4	256QAM	1	3	17.44	17.28	17.45		
1.4	256QAM	1	5	17.63	17.37	17.46		
1.4	256QAM	3	0	17.34	17.44	17.54		
1.4	256QAM	3	1	17.44	17.35	17.45		
1.4	256QAM	3	3	17.41	17.47	17.37		
1.4	256QAM	6	0	17.35	17.32	17.58	19	5

Band 13 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.88		24	0
10	QPSK	1	25		22.82			
10	QPSK	1	49		22.77			
10	QPSK	25	0		21.91		23	1
10	QPSK	25	12		21.74			
10	QPSK	25	25		21.84			
10	QPSK	50	0		21.86			
10	16QAM	1	0		21.82		23	1
10	16QAM	1	25		21.83			
10	16QAM	1	49		21.90			
10	16QAM	25	0		20.88		22	2
10	16QAM	25	12		20.80			
10	16QAM	25	25		20.70			
10	16QAM	50	0		20.83			
10	64QAM	1	0		20.79		22	2
10	64QAM	1	25		20.85			
10	64QAM	1	49		20.67			
10	64QAM	25	0		19.85		21	3
10	64QAM	25	12		19.66			
10	64QAM	25	25		19.79			
10	64QAM	50	0		19.81			
10	256QAM	1	0		18.06		19	5
10	256QAM	1	25		17.96			
10	256QAM	1	49		18.03			
10	256QAM	25	0		17.89		19	5
10	256QAM	25	12		17.90			
10	256QAM	25	25		17.92			
10	256QAM	50	0		17.81			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.77	22.83	22.75	24	0
5	QPSK	1	12	22.63	22.66	22.75		
5	QPSK	1	24	22.66	22.65	22.68		
5	QPSK	12	0	21.76	21.81	21.70	23	1
5	QPSK	12	7	21.59	21.61	21.66		
5	QPSK	12	13	21.71	21.67	21.80		
5	QPSK	25	0	21.71	21.79	21.72		
5	16QAM	1	0	21.63	21.66	21.70	23	1
5	16QAM	1	12	21.62	21.71	21.77		
5	16QAM	1	24	21.74	21.78	21.79		
5	16QAM	12	0	20.81	20.81	20.75	22	2
5	16QAM	12	7	20.70	20.68	20.70		
5	16QAM	12	13	20.57	20.56	20.60		
5	16QAM	25	0	20.78	20.70	20.73		
5	64QAM	1	0	20.63	20.64	20.69	22	2
5	64QAM	1	12	20.69	20.81	20.73		
5	64QAM	1	24	20.47	20.63	20.52		
5	64QAM	12	0	19.71	19.64	19.73	21	3
5	64QAM	12	7	19.46	19.53	19.45		
5	64QAM	12	13	19.67	19.63	19.65		
5	64QAM	25	0	19.64	19.64	19.62		
5	256QAM	1	0	17.88	17.98	17.86	19	5
5	256QAM	1	12	17.84	17.92	17.84		
5	256QAM	1	24	17.97	17.82	17.88		
5	256QAM	12	0	17.76	17.79	17.83	19	5
5	256QAM	12	7	17.71	17.82	17.76		
5	256QAM	12	13	17.80	17.88	17.81		
5	256QAM	25	0	17.65	17.61	17.72		

Band 17 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.50	22.66	22.62		
10	QPSK	1	25	22.42	22.64	22.51	24	0
10	QPSK	1	49	22.37	22.47	22.57		
10	QPSK	25	0	21.56	21.66	21.64		
10	QPSK	25	12	21.37	21.50	21.55	23	1
10	QPSK	25	25	21.54	21.43	21.59		
10	QPSK	50	0	21.53	21.62	21.59		
10	16QAM	1	0	21.43	21.41	21.60		
10	16QAM	1	25	21.49	21.58	21.58	23	1
10	16QAM	1	49	21.45	21.52	21.61		
10	16QAM	25	0	20.69	20.63	20.48		
10	16QAM	25	12	20.66	20.53	20.63	22	2
10	16QAM	25	25	20.63	20.48	20.70		
10	16QAM	50	0	20.47	20.58	20.47		
10	64QAM	1	0	20.56	20.66	20.49		
10	64QAM	1	25	20.56	20.51	20.47	22	2
10	64QAM	1	49	20.47	20.55	20.48		
10	64QAM	25	0	19.41	19.36	19.53		
10	64QAM	25	12	19.39	19.47	19.49	21	3
10	64QAM	25	25	19.39	19.46	19.45		
10	64QAM	50	0	19.38	19.50	19.49		
10	256QAM	1	0	17.44	17.42	17.40		
10	256QAM	1	25	17.39	17.37	17.44	19	5
10	256QAM	1	49	17.47	17.48	17.46		
10	256QAM	25	0	17.55	17.32	17.50		
10	256QAM	25	12	17.43	17.34	17.41	19	5
10	256QAM	25	25	17.38	17.55	17.41		
10	256QAM	50	0	17.50	17.56	17.41		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.32	22.53	22.50		
5	QPSK	1	12	22.31	22.50	22.30	24	0
5	QPSK	1	24	22.23	22.34	22.36		
5	QPSK	12	0	21.39	21.47	21.60		
5	QPSK	12	7	21.24	21.37	21.45	23	1
5	QPSK	12	13	21.48	21.22	21.47		
5	QPSK	25	0	21.35	21.44	21.48		
5	16QAM	1	0	21.37	21.26	21.46		
5	16QAM	1	12	21.40	21.42	21.54	23	1
5	16QAM	1	24	21.26	21.43	21.57		
5	16QAM	12	0	20.54	20.53	20.37		
5	16QAM	12	7	20.60	20.46	20.49	22	2
5	16QAM	12	13	20.44	20.29	20.48		
5	16QAM	25	0	20.27	20.52	20.34		
5	64QAM	1	0	20.42	20.45	20.31		
5	64QAM	1	12	20.50	20.34	20.27	22	2
5	64QAM	1	24	20.41	20.42	20.39		
5	64QAM	12	0	19.20	19.20	19.45		
5	64QAM	12	7	19.17	19.32	19.37	21	3
5	64QAM	12	13	19.17	19.29	19.34		
5	64QAM	25	0	19.18	19.36	19.40		
5	256QAM	1	0	17.37	17.32	17.23		
5	256QAM	1	12	17.28	17.29	17.38	19	5
5	256QAM	1	24	17.34	17.41	17.26		
5	256QAM	12	0	17.46	17.23	17.40		
5	256QAM	12	7	17.29	17.13	17.20	19	5
5	256QAM	12	13	17.33	17.47	17.34		
5	256QAM	25	0	17.37	17.40	17.33		

Band 26 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.58	22.71	22.56		
15	QPSK	1	37	22.43	22.67	22.45	24	0
15	QPSK	1	74	22.47	22.52	22.47		
15	QPSK	36	0	21.49	21.54	21.51		
15	QPSK	36	20	21.46	21.38	21.48	23	1
15	QPSK	36	39	21.36	21.51	21.40		
15	QPSK	75	0	21.37	21.51	21.46		
15	16QAM	1	0	21.38	21.45	21.49		
15	16QAM	1	37	21.49	21.42	21.37	23	1
15	16QAM	1	74	21.33	21.38	21.53		
15	16QAM	36	0	20.52	20.46	20.44		
15	16QAM	36	20	20.40	20.41	20.52	22	2
15	16QAM	36	39	20.33	20.49	20.46		
15	16QAM	75	0	20.49	20.50	20.49		
15	64QAM	1	0	20.57	20.54	20.37		
15	64QAM	1	37	20.42	20.47	20.31	22	2
15	64QAM	1	74	20.37	20.31	20.40		
15	64QAM	36	0	19.38	19.35	19.45		
15	64QAM	36	20	19.45	19.28	19.40	21	3
15	64QAM	36	39	19.37	19.33	19.43		
15	64QAM	75	0	19.28	19.29	19.48		
15	256QAM	1	0	17.34	17.32	17.33		
15	256QAM	1	37	17.53	17.41	17.55	19	5
15	256QAM	1	74	17.45	17.37	17.41		
15	256QAM	36	0	17.49	17.37	17.37		
15	256QAM	36	20	17.53	17.34	17.38	19	5
15	256QAM	36	39	17.31	17.52	17.45		
15	256QAM	75	0	17.45	17.47	17.54		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.49	22.63	22.43		
10	QPSK	1	25	22.38	22.55	22.26	24	0
10	QPSK	1	49	22.38	22.41	22.42		
10	QPSK	25	0	21.44	21.50	21.42		
10	QPSK	25	12	21.37	21.19	21.37	23	1
10	QPSK	25	25	21.27	21.32	21.30		
10	QPSK	50	0	21.17	21.44	21.35		
10	16QAM	1	0	21.29	21.25	21.34		
10	16QAM	1	25	21.41	21.30	21.29	23	1
10	16QAM	1	49	21.20	21.34	21.41		
10	16QAM	25	0	20.47	20.33	20.29		
10	16QAM	25	12	20.29	20.27	20.38	22	2
10	16QAM	25	25	20.11	20.40	20.33		
10	16QAM	50	0	20.44	20.38	20.34		
10	64QAM	1	0	20.42	20.49	20.19		
10	64QAM	1	25	20.36	20.42	20.18	22	2
10	64QAM	1	49	20.30	20.20	20.23		
10	64QAM	25	0	19.20	19.22	19.24		
10	64QAM	25	12	19.36	19.18	19.20	21	3
10	64QAM	25	25	19.33	19.12	19.32		
10	64QAM	50	0	19.12	19.21	19.36		
10	256QAM	1	0	17.19	17.19	17.12		
10	256QAM	1	25	17.43	17.33	17.35	19	5
10	256QAM	1	49	17.26	17.28	17.20		
10	256QAM	25	0	17.44	17.31	17.28		
10	256QAM	25	12	17.44	17.18	17.19	19	5
10	256QAM	25	25	17.18	17.37	17.34		
10	256QAM	50	0	17.32	17.27	17.43		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.43	22.59	22.36		
5	QPSK	1	12	22.24	22.49	22.34	24	0
5	QPSK	1	24	22.31	22.36	22.25		
5	QPSK	12	0	21.30	21.45	21.42		
5	QPSK	12	7	21.30	21.25	21.33	23	1
5	QPSK	12	13	21.22	21.35	21.29		
5	QPSK	25	0	21.28	21.47	21.36		
5	16QAM	1	0	21.25	21.34	21.31		
5	16QAM	1	12	21.29	21.23	21.32	23	1
5	16QAM	1	24	21.25	21.31	21.44		
5	16QAM	12	0	20.34	20.38	20.33		
5	16QAM	12	7	20.19	20.29	20.35	22	2
5	16QAM	12	13	20.19	20.38	20.41		
5	16QAM	25	0	20.33	20.41	20.45		
5	64QAM	1	0	20.35	20.44	20.24		
5	64QAM	1	12	20.24	20.35	20.11	22	2
5	64QAM	1	24	20.16	20.24	20.30		
5	64QAM	12	0	19.16	19.19	19.31		
5	64QAM	12	7	19.38	19.10	19.31	21	3
5	64QAM	12	13	19.29	19.25	19.37		
5	64QAM	25	0	19.21	19.10	19.38		
5	256QAM	1	0	17.26	17.26	17.16		
5	256QAM	1	12	17.32	17.30	17.38	19	5
5	256QAM	1	24	17.27	17.24	17.26		
5	256QAM	12	0	17.34	17.18	17.26		
5	256QAM	12	7	17.45	17.27	17.22	19	5
5	256QAM	12	13	17.21	17.31	17.39		
5	256QAM	25	0	17.33	17.26	17.41		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.37	22.61	22.41		
3	QPSK	1	8	22.21	22.61	22.39	24	0
3	QPSK	1	14	22.36	22.45	22.36		
3	QPSK	8	0	21.36	21.36	21.46		
3	QPSK	8	4	21.40	21.17	21.38	23	1
3	QPSK	8	7	21.25	21.29	21.30		
3	QPSK	15	0	21.32	21.34	21.38		
3	16QAM	1	0	21.19	21.26	21.43		
3	16QAM	1	8	21.36	21.36	21.18	23	1
3	16QAM	1	14	21.17	21.24	21.32		
3	16QAM	8	0	20.42	20.35	20.28		
3	16QAM	8	4	20.28	20.36	20.44	22	2
3	16QAM	8	7	20.16	20.40	20.31		
3	16QAM	15	0	20.32	20.46	20.43		
3	64QAM	1	0	20.50	20.42	20.27		
3	64QAM	1	8	20.34	20.34	20.18	22	2
3	64QAM	1	14	20.23	20.18	20.34		
3	64QAM	8	0	19.29	19.30	19.33		
3	64QAM	8	4	19.29	19.24	19.21	21	3
3	64QAM	8	7	19.28	19.21	19.30		
3	64QAM	15	0	19.12	19.09	19.29		
3	256QAM	1	0	17.14	17.11	17.22		
3	256QAM	1	8	17.32	17.32	17.47	19	5
3	256QAM	1	14	17.33	17.17	17.32		
3	256QAM	8	0	17.29	17.25	17.16		
3	256QAM	8	4	17.43	17.22	17.24	19	5
3	256QAM	8	7	17.09	17.44	17.39		
3	256QAM	15	0	17.26	17.34	17.33		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.45	22.54	22.49		
1.4	QPSK	1	3	22.23	22.46	22.29		
1.4	QPSK	1	5	22.39	22.48	22.41	24	0
1.4	QPSK	3	0	22.49	22.59	22.38		
1.4	QPSK	3	1	22.31	22.58	22.28		
1.4	QPSK	3	3	22.37	22.47	22.33		
1.4	QPSK	6	0	21.20	21.33	21.40	23	1
1.4	16QAM	1	0	21.33	21.36	21.34		
1.4	16QAM	1	3	21.32	21.22	21.29		
1.4	16QAM	1	5	21.15	21.30	21.41	23	1
1.4	16QAM	3	0	21.44	21.37	21.46		
1.4	16QAM	3	1	21.24	21.18	21.29		
1.4	16QAM	3	3	21.31	21.45	21.31		
1.4	16QAM	6	0	20.36	20.43	20.41	22	2
1.4	64QAM	1	0	20.42	20.45	20.17		
1.4	64QAM	1	3	20.21	20.42	20.25		
1.4	64QAM	1	5	20.28	20.24	20.27	22	2
1.4	64QAM	3	0	20.42	20.41	20.23		
1.4	64QAM	3	1	20.34	20.35	20.30		
1.4	64QAM	3	3	20.17	20.44	20.28		
1.4	64QAM	6	0	19.18	19.19	19.39	21	3
1.4	256QAM	1	0	17.16	17.25	17.26		
1.4	256QAM	1	3	17.42	17.20	17.49		
1.4	256QAM	1	5	17.33	17.29	17.30	19	5
1.4	256QAM	3	0	17.37	17.23	17.24		
1.4	256QAM	3	1	17.48	17.15	17.20		
1.4	256QAM	3	3	17.09	17.38	17.30		
1.4	256QAM	6	0	17.32	17.28	17.42	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.86	19.95	19.81		
20	QPSK	1	49	19.94	19.82	19.77	20.9	0
20	QPSK	1	99	19.76	19.91	19.87		
20	QPSK	50	0	19.74	19.92	19.80		
20	QPSK	50	24	19.79	19.87	19.84	20.9	0
20	QPSK	50	50	19.80	19.84	19.71		
20	QPSK	100	0	19.82	19.86	19.73		
20	16QAM	1	0	19.85	19.92	19.90		
20	16QAM	1	49	19.69	19.80	19.74	20.9	0
20	16QAM	1	99	19.71	19.78	19.72		
20	16QAM	50	0	19.80	19.75	19.64		
20	16QAM	50	24	19.62	19.80	19.77	20.9	0
20	16QAM	50	50	19.68	19.85	19.74		
20	16QAM	100	0	19.87	19.89	19.68		
20	64QAM	1	0	19.69	19.84	19.88		
20	64QAM	1	49	19.58	19.70	19.72	20.9	0
20	64QAM	1	99	19.53	19.68	19.78		
20	64QAM	50	0	19.88	19.87	19.87		
20	64QAM	50	24	19.80	19.82	19.74	20.9	0
20	64QAM	50	50	19.80	19.86	19.63		
20	64QAM	100	0	19.59	19.90	19.68		
20	256QAM	1	0	17.80	17.79	17.82		
20	256QAM	1	49	17.81	17.74	17.87	19	1.9
20	256QAM	1	99	17.79	17.84	17.80		
20	256QAM	50	0	17.85	17.71	17.71		
20	256QAM	50	24	17.88	17.71	17.75	19	1.9
20	256QAM	50	50	17.76	17.73	17.87		
20	256QAM	100	0	17.89	17.79	17.78		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.84	19.89	19.81		
15	QPSK	1	37	19.82	19.83	19.98	20.9	0
15	QPSK	1	74	19.58	19.78	19.87		
15	QPSK	36	0	19.58	19.91	19.62		
15	QPSK	36	20	19.73	19.83	19.65	20.9	0
15	QPSK	36	39	19.65	19.82	19.65		
15	QPSK	75	0	19.81	19.71	19.75		
15	16QAM	1	0	19.78	19.79	19.73		
15	16QAM	1	37	19.57	19.63	19.75	20.9	0
15	16QAM	1	74	19.51	19.67	19.67		
15	16QAM	36	0	19.80	19.65	19.63		
15	16QAM	36	20	19.49	19.77	19.68	20.9	0
15	16QAM	36	39	19.64	19.83	19.67		
15	16QAM	75	0	19.78	19.80	19.56		
15	64QAM	1	0	19.59	19.67	19.77		
15	64QAM	1	37	19.53	19.67	19.53	20.9	0
15	64QAM	1	74	19.46	19.70	19.65		
15	64QAM	36	0	19.72	19.80	19.73		
15	64QAM	36	20	19.63	19.81	19.88	20.9	0
15	64QAM	36	39	19.80	19.82	19.60		
15	64QAM	75	0	19.42	19.74	19.51		
15	256QAM	1	0	17.79	17.69	17.75		
15	256QAM	1	37	17.72	17.68	17.84	19	1.9
15	256QAM	1	74	17.76	17.74	17.64		
15	256QAM	36	0	17.75	17.64	17.68		
15	256QAM	36	20	17.83	17.61	17.73	19	1.9
15	256QAM	36	39	17.65	17.53	17.81		
15	256QAM	75	0	17.81	17.72	17.75		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.76	19.91	19.72		
10	QPSK	1	25	19.89	19.61	19.68	20.9	0
10	QPSK	1	49	19.55	19.83	19.79		
10	QPSK	25	0	19.53	19.80	19.63		
10	QPSK	25	12	19.61	19.79	19.65	20.9	0
10	QPSK	25	25	19.61	19.78	19.57		
10	QPSK	50	0	19.83	19.75	19.61		
10	16QAM	1	0	19.68	19.89	19.84		
10	16QAM	1	25	19.50	19.78	19.68	20.9	0
10	16QAM	1	49	19.73	19.69	19.70		
10	16QAM	25	0	19.80	19.56	19.59		
10	16QAM	25	12	19.54	19.73	19.72	20.9	0
10	16QAM	25	25	19.50	19.69	19.63		
10	16QAM	50	0	19.80	19.75	19.63		
10	64QAM	1	0	19.52	19.69	19.83		
10	64QAM	1	25	19.58	19.64	19.52	20.9	0
10	64QAM	1	49	19.35	19.48	19.66		
10	64QAM	25	0	19.84	19.88	19.85		
10	64QAM	25	12	19.80	19.87	19.75	20.9	0
10	64QAM	25	25	19.71	19.75	19.49		
10	64QAM	50	0	19.56	19.86	19.66		
10	256QAM	1	0	17.63	17.68	17.66		
10	256QAM	1	25	17.62	17.67	17.84	19	1.9
10	256QAM	1	49	17.72	17.78	17.76		
10	256QAM	25	0	17.83	17.56	17.68		
10	256QAM	25	12	17.86	17.70	17.74	19	1.9
10	256QAM	25	25	17.69	17.71	17.80		
10	256QAM	50	0	17.79	17.61	17.61		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.76	19.82	19.65		
5	QPSK	1	12	19.73	19.61	19.74	20.9	0
5	QPSK	1	24	19.71	19.78	19.84		
5	QPSK	12	0	19.72	19.71	19.78		
5	QPSK	12	7	19.66	19.80	19.66	20.9	0
5	QPSK	12	13	19.64	19.70	19.52		
5	QPSK	25	0	19.69	19.74	19.68		
5	16QAM	1	0	19.82	19.78	19.90		
5	16QAM	1	12	19.66	19.68	19.69	20.9	0
5	16QAM	1	24	19.60	19.77	19.67		
5	16QAM	12	0	19.60	19.59	19.53		
5	16QAM	12	7	19.63	19.60	19.66	20.9	0
5	16QAM	12	13	19.53	19.81	19.72		
5	16QAM	25	0	19.89	19.88	19.62		
5	64QAM	1	0	19.57	19.75	19.81		
5	64QAM	1	12	19.45	19.49	19.71	20.9	0
5	64QAM	1	24	19.41	19.61	19.58		
5	64QAM	12	0	19.69	19.80	19.69		
5	64QAM	12	7	19.81	19.79	19.74	20.9	0
5	64QAM	12	13	19.78	19.81	19.57		
5	64QAM	25	0	19.55	19.82	19.62		
5	256QAM	1	0	17.66	17.64	17.75		
5	256QAM	1	12	17.65	17.61	17.81	19	1.9
5	256QAM	1	24	17.76	17.72	17.61		
5	256QAM	12	0	17.67	17.70	17.63		
5	256QAM	12	7	17.75	17.53	17.68	19	1.9
5	256QAM	12	13	17.58	17.66	17.73		
5	256QAM	25	0	17.76	17.61	17.65		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.81	19.87	19.73		
3	QPSK	1	8	19.79	19.72	19.75	20.9	0
3	QPSK	1	14	19.60	19.74	19.74		
3	QPSK	8	0	19.53	19.75	19.74		
3	QPSK	8	4	19.76	19.72	19.82	20.9	0
3	QPSK	8	7	19.75	19.75	19.63		
3	QPSK	15	0	19.68	19.79	19.69		
3	16QAM	1	0	19.78	19.89	19.78		
3	16QAM	1	8	19.57	19.82	19.70	20.9	0
3	16QAM	1	14	19.73	19.58	19.57		
3	16QAM	8	0	19.69	19.63	19.64		
3	16QAM	8	4	19.45	19.77	19.68	20.9	0
3	16QAM	8	7	19.67	19.71	19.71		
3	16QAM	15	0	19.94	19.81	19.61		
3	64QAM	1	0	19.69	19.69	19.78		
3	64QAM	1	8	19.56	19.72	19.68	20.9	0
3	64QAM	1	14	19.41	19.70	19.68		
3	64QAM	8	0	19.79	19.71	19.70		
3	64QAM	8	4	19.79	19.81	19.76	20.9	0
3	64QAM	8	7	19.75	19.85	19.57		
3	64QAM	15	0	19.53	19.77	19.68		
3	256QAM	1	0	17.77	17.73	17.75		
3	256QAM	1	8	17.75	17.70	17.84	19	1.9
3	256QAM	1	14	17.59	17.77	17.66		
3	256QAM	8	0	17.76	17.71	17.62		
3	256QAM	8	4	17.84	17.67	17.64	19	1.9
3	256QAM	8	7	17.62	17.60	17.79		
3	256QAM	15	0	17.77	17.66	17.73		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.67	19.78	19.66		
1.4	QPSK	1	3	19.62	19.83	19.68		
1.4	QPSK	1	5	19.55	19.87	19.88	20.9	0
1.4	QPSK	3	0	19.76	19.81	19.69		
1.4	QPSK	3	1	19.73	19.71	19.74		
1.4	QPSK	3	3	19.62	19.85	19.67		
1.4	QPSK	6	0	19.81	19.64	19.56	20.9	0
1.4	16QAM	1	0	19.69	19.93	19.84		
1.4	16QAM	1	3	19.61	19.66	19.54		
1.4	16QAM	1	5	19.57	19.69	19.66	20.9	0
1.4	16QAM	3	0	19.77	19.68	19.46		
1.4	16QAM	3	1	19.51	19.79	19.67		
1.4	16QAM	3	3	19.59	19.78	19.63		
1.4	16QAM	6	0	19.87

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.92	20.96	20.87	22.2	0
20	QPSK	1	49	20.85	20.91	20.90		
20	QPSK	1	99	20.77	20.88	20.80		
20	QPSK	50	0	20.90	20.92	20.88	22.2	0
20	QPSK	50	24	20.82	20.86	20.71		
20	QPSK	50	50	20.80	20.89	20.83		
20	QPSK	100	0	20.77	20.86	20.73		
20	16QAM	1	0	20.84	20.90	20.85	22.2	0
20	16QAM	1	49	20.78	20.84	20.90		
20	16QAM	1	99	20.65	20.82	20.74		
20	16QAM	50	0	20.50	20.55	20.30	22	0.2
20	16QAM	50	24	20.30	20.55	20.60		
20	16QAM	50	50	20.41	20.54	20.45		
20	16QAM	100	0	20.58	20.28	20.43		
20	64QAM	1	0	20.58	20.47	20.43	22	0.2
20	64QAM	1	49	20.55	20.55	20.57		
20	64QAM	1	99	20.43	20.49	20.59		
20	64QAM	50	0	19.45	19.31	19.27	21	1.2
20	64QAM	50	24	19.31	19.43	19.46		
20	64QAM	50	50	19.59	19.56	19.50		
20	64QAM	100	0	19.46	19.48	19.24		
20	256QAM	1	0	17.49	17.40	17.49	19	3.2
20	256QAM	1	49	17.42	17.30	17.42		
20	256QAM	1	99	17.35	17.62	17.33		
20	256QAM	50	0	17.51	17.53	17.48	19	3.2
20	256QAM	50	24	17.51	17.49	17.39		
20	256QAM	50	50	17.23	17.44	17.44		
20	256QAM	100	0	17.53	17.50	17.37		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.86	20.94	20.77	22.2	0
15	QPSK	1	37	20.70	20.80	20.74		
15	QPSK	1	74	20.66	20.74	20.74		
15	QPSK	36	0	20.70	20.73	20.80	22.2	0
15	QPSK	36	20	20.66	20.74	20.63		
15	QPSK	36	39	20.76	20.87	20.81		
15	QPSK	75	0	20.61	20.84	20.68		
15	16QAM	1	0	20.67	20.83	20.85	22.2	0
15	16QAM	1	37	20.74	20.76	20.74		
15	16QAM	1	74	20.58	20.72	20.55		
15	16QAM	36	0	20.44	20.52	20.17	22	0.2
15	16QAM	36	20	20.10	20.42	20.59		
15	16QAM	36	39	20.32	20.49	20.42		
15	16QAM	75	0	20.36	20.18	20.41		
15	64QAM	1	0	20.57	20.38	20.30	22	0.2
15	64QAM	1	37	20.37	20.49	20.52		
15	64QAM	1	74	20.22	20.39	20.43		
15	64QAM	36	0	19.37	19.25	19.15	21	1.2
15	64QAM	36	20	19.22	19.34	19.35		
15	64QAM	36	39	19.37	19.47	19.38		
15	64QAM	75	0	19.28	19.40	19.07		
15	256QAM	1	0	17.28	17.33	17.51	19	3.2
15	256QAM	1	37	17.41	17.22	17.44		
15	256QAM	1	74	17.21	17.48	17.14		
15	256QAM	36	0	17.41	17.50	17.43	19	3.2
15	256QAM	36	20	17.32	17.45	17.36		
15	256QAM	36	39	17.13	17.32	17.36		
15	256QAM	75	0	17.41	17.29	17.26		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.76	20.83	20.72	22.2	0
10	QPSK	1	25	20.84	20.90	20.73		
10	QPSK	1	49	20.69	20.79	20.71		
10	QPSK	25	0	20.88	20.91	20.76	22.2	0
10	QPSK	25	12	20.72	20.68	20.66		
10	QPSK	25	25	20.79	20.76	20.71		
10	QPSK	50	0	20.75	20.76	20.69		
10	16QAM	1	0	20.65	20.86	20.73	22.2	0
10	16QAM	1	25	20.72	20.80	20.85		
10	16QAM	1	49	20.58	20.71	20.66		
10	16QAM	25	0	20.34	20.43	20.08	22	0.2
10	16QAM	25	12	20.17	20.55	20.55		
10	16QAM	25	25	20.20	20.32	20.25		
10	16QAM	50	0	20.50	20.08	20.36		
10	64QAM	1	0	20.53	20.39	20.34	22	0.2
10	64QAM	1	25	20.46	20.57	20.56		
10	64QAM	1	49	20.42	20.48	20.38		
10	64QAM	25	0	19.40	19.23	19.13	21	1.2
10	64QAM	25	12	19.16	19.36	19.42		
10	64QAM	25	25	19.58	19.56	19.37		
10	64QAM	50	0	19.36	19.50	19.16		
10	256QAM	1	0	17.33	17.20	17.51	19	3.2
10	256QAM	1	25	17.33	17.20	17.31		
10	256QAM	1	49	17.32	17.61	17.32		
10	256QAM	25	0	17.49	17.50	17.47	19	3.2
10	256QAM	25	12	17.49	17.44	17.32		
10	256QAM	25	25	17.19	17.32	17.32		
10	256QAM	50	0	17.50	17.39	17.16		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.84	20.88	20.68	22.2	0
5	QPSK	1	12	20.73	20.73	20.77		
5	QPSK	1	24	20.66	20.80	20.61		
5	QPSK	12	0	20.71	20.80	20.81	22.2	0
5	QPSK	12	7	20.63	20.68	20.62		
5	QPSK	12	13	20.79	20.82	20.65		
5	QPSK	25	0	20.73	20.68	20.65		
5	16QAM	1	0	20.81	20.85	20.82	22.2	0
5	16QAM	1	12	20.75	20.67	20.83		
5	16QAM	1	24	20.64	20.76	20.71		
5	16QAM	12	0	20.49	20.56	20.25	22	0.2
5	16QAM	12	7	20.15	20.41	20.39		
5	16QAM	12	13	20.33	20.52	20.43		
5	16QAM	25	0	20.57	20.30	20.43		
5	64QAM	1	0	20.54	20.48	20.28	22	0.2
5	64QAM	1	12	20.53	20.44	20.41		
5	64QAM	1	24	20.43	20.34	20.42		
5	64QAM	12	0	19.35	19.20	19.22	21	1.2
5	64QAM	12	7	19.21	19.26	19.47		
5	64QAM	12	13	19.54	19.48	19.50		
5	64QAM	25	0	19.32	19.45	19.13		
5	256QAM	1	0	17.48	17.37	17.33	19	3.2
5	256QAM	1	12	17.34	17.31	17.34		
5	256QAM	1	24	17.15	17.58	17.29		
5	256QAM	12	0	17.48	17.46	17.36	19	3.2
5	256QAM	12	7	17.48	17.46	17.22		
5	256QAM	12	13	17.12	17.27	17.25		
5	256QAM	25	0	17.48	17.46	17.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.82	21.57	21.86	21.43	21.75	23	0
20	QPSK	1	49	21.80	21.54	21.83	21.43	21.59		
20	QPSK	1	99	21.71	21.51	21.77	21.49	21.61		
20	QPSK	50	0	20.83	20.65	20.87	20.47	20.51	22	1
20	QPSK	50	24	20.75	20.49	20.61	20.37	20.68		
20	QPSK	50	50	20.77	20.42	20.84	20.50	20.50		
20	QPSK	100	0	20.70	20.58	20.85	20.54	20.67		
20	16QAM	1	0	20.89	20.55	20.89	20.52	20.59	22	1
20	16QAM	1	49	20.71	20.52	20.83	20.50	20.66		
20	16QAM	1	99	20.81	20.54	20.85	20.47	20.56		
20	16QAM	50	0	19.81	19.72	19.86	19.48	19.82	21	2
20	16QAM	50	24	19.79	19.50	19.86	19.44	19.88		
20	16QAM	50	50	19.85	19.62	19.90	19.70	19.93		
20	16QAM	100	0	19.77	19.58	19.77	19.56	19.87		
20	64QAM	1	0	19.79	19.45	19.72	19.72	19.61	21	2
20	64QAM	1	49	19.81	19.61	19.78	19.67	19.63		
20	64QAM	1	99	19.57	19.46	19.67	19.51	19.71		
20	64QAM	50	0	18.50	18.20	18.62	18.15	18.45	20	3
20	64QAM	50	24	18.43	18.18	18.61	18.25	18.51		
20	64QAM	50	50	18.39	18.15	18.48	18.17	18.49		
20	64QAM	100	0	18.53	18.20	18.61	18.16	18.44		
20	256QAM	1	0	16.44	16.22	16.51	16.24	16.54	18	5
20	256QAM	1	49	16.53	16.16	16.56	16.21	16.59		
20	256QAM	1	99	16.49	16.11	16.56	16.23	16.60		
20	256QAM	50	0	16.38	16.16	16.58	16.20	16.50	18	5
20	256QAM	50	24	16.38	16.21	16.60	16.22	16.55		
20	256QAM	50	50	16.37	16.22	16.53	16.15	16.42		
20	256QAM	100	0	16.52	16.18	16.45	16.17	16.60		
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	21.30	21.09	21.49	21.16	21.44	23.00	0
15	QPSK	1	37	21.41	21.21	21.29	21.14	21.21		
15	QPSK	1	74	21.13	21.33	21.29	21.25	21.37		
15	QPSK	36	0	20.19	20.00	20.44	20.06	20.38	22	1
15	QPSK	36	20	20.37	20.18	20.41	20.12	20.38		
15	QPSK	36	39	20.29	20.19	20.37	20.10	20.27		
15	QPSK	75	0	20.27	20.07	20.37	20.07	20.40		
15	16QAM	1	0	20.42	20.23	20.40	20.18	20.59	22	1
15	16QAM	1	37	20.25	20.15	20.41	20.21	20.59		
15	16QAM	1	74	20.44	20.17	20.38	20.18	20.40		
15	16QAM	36	0	19.36	19.19	19.27	19.09	19.47	21	2
15	16QAM	36	20	19.48	19.09	19.48	19.08	19.38		
15	16QAM	36	39	19.24	19.00	19.44	19.00	19.45		
15	16QAM	75	0	19.25	19.05	19.38	19.01	19.34		
15	64QAM	1	0	19.31	19.12	19.45	19.14	19.30	21	2
15	64QAM	1	37	19.44	19.36	19.60	19.12	19.31		
15	64QAM	1	74	19.43	19.19	19.42	19.19	19.48		
15	64QAM	36	0	18.34	18.13	18.58	18.19	18.29	20	3
15	64QAM	36	20	18.29	18.16	18.47	18.11	18.33		
15	64QAM	36	39	18.37	18.15	18.39	18.14	18.36		
15	64QAM	75	0	18.38	18.20	18.50	18.10	18.43		
15	256QAM	1	0	16.44	16.07	16.42	16.24	16.49	18	5
15	256QAM	1	37	16.42	16.14	16.51	16.15	16.57		
15	256QAM	1	74	16.41	16.20	16.38	16.22	16.50		
15	256QAM	36	0	16.22	16.15	16.51	16.08	16.40	18	5
15	256QAM	36	20	16.32	16.15	16.54	16.16	16.39		
15	256QAM	36	39	16.19	16.12	16.46	16.10	16.31		
15	256QAM	75	0	16.36	16.09	16.45	16.09	16.53		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.66	21.51	21.65	21.22	21.68	23.00	0
10	QPSK	1	25	21.68	21.47	21.64	21.29	21.52		
10	QPSK	1	49	21.64	21.45	21.57	21.48	21.51		
10	QPSK	25	0	20.71	20.62	20.79	20.32	20.43	22	1
10	QPSK	25	12	20.53	20.33	20.47	20.37	20.62		
10	QPSK	25	25	20.69	20.42	20.73	20.44	20.42		
10	QPSK	50	0	20.66	20.41	20.80	20.36	20.47		
10	16QAM	1	0	20.74	20.64	20.45	20.38	20.50	22	1
10	16QAM	1	25	20.59	20.34	20.41	20.38	20.69		
10	16QAM	1	49	20.56	20.26	20.44	20.47	20.33		
10	16QAM	25	0	19.61	19.51	19.67	19.46	19.71	21	2
10	16QAM	25	12	19.63	19.46	19.41	19.44	19.41		
10	16QAM	25	25	19.76	19.45	19.32	19.60	19.43		
10	16QAM	50	0	19.74	19.46	19.74	19.46	19.79		
10	64QAM	1	0	19.61	19.38	19.71	19.61	19.41	21	2
10	64QAM	1	25	19.36	19.62	19.63	19.57	19.60		
10	64QAM	1	49	19.44	19.39	19.46	19.31	19.51		
10	64QAM	25	0	18.38	18.42	18.59	18.36	18.51	20	3
10	64QAM	25	12	18.31	18.44	18.63	18.32	18.37		
10	64QAM	25	25	18.27	18.15	18.43	18.51	18.44		
10	64QAM	50	0	18.39	18.48	18.60	18.46	18.43		
10	256QAM	1	0	16.22	16.38	16.37	16.24	16.40	18	5
10	256QAM	1	25	16.31	16.45	16.54	16.19	16.58		
10	256QAM	1	49	16.47	16.10	16.52	16.48	16.52		
10	256QAM	25	0	16.35	16.16	16.43	16.42	16.36	18	5
10	256QAM	25	12	16.31	16.32	16.44	16.34	16.48		
10	256QAM	25	25	16.31	16.35	16.53	16.37	16.30		
10	256QAM	50	0	16.31	16.13	16.36	16.05	16.43		
Channel				39675	40143	40620	41093	41560	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.63	21.44	21.55	21.21	21.58	23.00	0
5	QPSK	1	12	21.47	21.29	21.48	21.56	21.34		
5	QPSK	1	24	21.55	21.33	21.56	21.46	21.51		
5	QPSK	12	0	20.69	20.43	20.70	20.25	20.32	22	1
5	QPSK	12	7	20.36	20.49	20.42	20.53	20.43		
5	QPSK	12	13	20.60	20.29	20.61	20.24	20.22		
5	QPSK	25	0	20.66	20.42	20.80	20.30	20.47		
5	16QAM	1	0	20.53	20.62	20.29	20.20	20.41	22	1
5	16QAM	1	12	20.40	20.23	20.34	20.32	20.62		
5	16QAM	1	24	20.40	20.16	20.36	20.35	20.13		
5	16QAM	12	0	19.57	19.51	19.50	19.41	19.73	21	2
5	16QAM	12	7	19.54	19.42	19.23	19.29	19.37		
5	16QAM	12	13	19.67	19.47	19.64	19.58	19.31		
5	16QAM	25	0	19.66	19.37	19.59	19.44	19.60		
5	64QAM	1	0	19.33	19.20	19.58	19.60	19.39	21	2
5	64QAM	1	12	19.16	19.62	19.50	19.59	19.55		
5	64QAM	1	24	19.43	19.27	19.33	19.27	19.51		
5	64QAM	12	0	18.25	18.25	18.54	18.14	18.32	20	3
5	64QAM	12	7	18.27	18.43	18.45	18.30	18.32		
5	64QAM	12	13	18.25	18.15	18.43	18.35	18.44		
5	64QAM	25	0	18.32	18.37	18.47	18.29	18.38		
5	256QAM	1	0	16.17	16.40	16.18	16.37	16.34	18	5
5	256QAM	1	12	16.16	16.34	16.53	16.22	16.43		
5	256QAM	1	24	16.37	16.14	16.35	16.40	16.43		
5	256QAM	12	0	16.17	16.14	16.32	16.27	16.31	18	5
5	256QAM	12	7	16.32	16.23	16.36	16.17	16.49		
5	256QAM	12	13	16.29	16.24	16.55	16.31	16.16		
5	256QAM	25	0	16.20	16.13	16.37	16.22	16.31		

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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	24.62	24.39	24.78	24.37	24.76	26	0
20	QPSK	1	49	24.46	24.45	24.73	24.48	24.76		
20	QPSK	1	99	24.49	24.42	24.61	24.46	24.62		
20	QPSK	50	0	23.72	23.44	23.75	23.38	23.65	25	1
20	QPSK	50	24	23.58	23.45	23.68	23.45	23.70		
20	QPSK	50	50	23.56	23.65	23.68	23.50	23.62		
20	QPSK	100	0	23.57	23.30	23.78	23.29	23.54		
20	16QAM	1	0	23.62	23.52	23.79	23.53	23.87	25	1
20	16QAM	1	49	23.51	23.49	23.68	23.49	23.87		
20	16QAM	1	99	23.71	23.55	23.69	23.67	23.84		
20	16QAM	50	0	22.68	22.48	22.71	22.75	22.84	24	2
20	16QAM	50	24	22.67	22.78	22.82	22.66	22.70		
20	16QAM	50	50	22.54	22.40	22.84	22.46	22.87		
20	16QAM	100	0	22.61	22.38	22.69	22.36	22.79		
20	64QAM	1	0	22.61	22.61	22.86	22.45	22.82	24	2
20	64QAM	1	49	22.73	22.75	22.77	22.78	22.70		
20	64QAM	1	99	22.61	22.46	22.86	22.55	22.86		
20	64QAM	50	0	21.53	21.69	21.84	21.68	21.83	23	3
20	64QAM	50	24	21.74	21.81	21.88	21.78	21.85		
20	64QAM	50	50	21.55	21.87	21.87	21.72	21.72		
20	64QAM	100	0	21.59	21.78	21.85	21.87	21.69		
20	256QAM	1	0	19.51	19.66	19.66	19.63	19.66	21	5
20	256QAM	1	49	19.58	19.70	19.82	19.79	19.79		
20	256QAM	1	99	19.62	19.76	19.88	19.80	19.85		
20	256QAM	50	0	19.66	19.70	19.75	19.65	19.76	21	5
20	256QAM	50	24	19.63	19.69	19.85	19.69	19.76		
20	256QAM	50	50	19.52	19.83	19.81	19.70	19.72		
20	256QAM	100	0	19.50	19.67	19.75	19.66	19.87		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.63	24.47	24.62	24.54	24.62	26	0
15	QPSK	1	37	24.32	24.37	24.63	24.52	24.62		
15	QPSK	1	74	24.38	24.21	24.60	24.24	24.58		
15	QPSK	36	0	23.52	23.49	23.58	23.57	23.46	25	1
15	QPSK	36	20	23.41	23.41	23.49	23.42	23.54		
15	QPSK	36	39	23.44	23.42	23.47	23.28	23.50		
15	QPSK	75	0	23.54	23.46	23.58	23.46	23.34		
15	16QAM	1	0	23.64	23.45	23.63	23.48	23.85	25	1
15	16QAM	1	37	23.51	23.40	23.53	23.41	23.85		
15	16QAM	1	74	23.55	23.38	23.66	23.50	23.80		
15	16QAM	36	0	22.50	22.38	22.51	22.45	22.77	24	2
15	16QAM	36	20	22.64	22.60	22.77	22.53	22.52		
15	16QAM	36	39	22.47	22.61	22.75	22.54	22.79		
15	16QAM	75	0	22.42	22.43	22.67	22.34	22.70		
15	64QAM	1	0	22.43	22.53	22.82	22.61	22.67	24	2
15	64QAM	1	37	22.59	22.58	22.61	22.53	22.70		
15	64QAM	1	74	22.55	22.49	22.74	22.48	22.84		
15	64QAM	36	0	21.54	21.50	21.66	21.60	21.65	23	3
15	64QAM	36	20	21.67	21.67	21.74	21.57	21.74		
15	64QAM	36	39	21.42	21.49	21.70	21.53	21.56		
15	64QAM	75	0	21.42	21.56	21.68	21.49	21.64		
15	256QAM	1	0	19.42	19.36	19.62	19.34	19.51	21	5
15	256QAM	1	37	19.53	19.45	19.74	19.59	19.71		
15	256QAM	1	74	19.58	19.55	19.79	19.64	19.74		
15	256QAM	36	0	19.60	19.47	19.54	19.47	19.77	21	5
15	256QAM	36	20	19.63	19.66	19.74	19.44	19.77		
15	256QAM	36	39	19.43	19.55	19.76	19.39	19.68		
15	256QAM	75	0	19.45	19.42	19.65	19.34	19.84		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.47	24.42	24.60	24.43	24.60	26	0
10	QPSK	1	25	24.32	24.43	24.75	24.48	24.59		
10	QPSK	1	49	24.32	24.41	24.54	24.26	24.46		
10	QPSK	25	0	23.66	23.43	23.61	23.43	23.44	25	1
10	QPSK	25	12	23.54	23.31	23.69	23.31	23.61		
10	QPSK	25	25	23.34	23.39	23.48	23.35	23.48		
10	QPSK	50	0	23.41	23.44	23.57	23.50	23.48		
10	16QAM	1	0	23.53	23.39	23.69	23.53	23.82	25	1
10	16QAM	1	25	23.51	23.50	23.56	23.39	23.70		
10	16QAM	1	49	23.56	23.33	23.65	23.46	23.73		
10	16QAM	25	0	22.62	22.30	22.50	22.43	22.65	24	2
10	16QAM	25	12	22.48	22.41	22.75	22.45	22.70		
10	16QAM	25	25	22.36	22.65	22.65	22.65	22.71		
10	16QAM	50	0	22.47	22.40	22.62	22.43	22.61		
10	64QAM	1	0	22.54	22.63	22.77	22.52	22.73	24	2
10	64QAM	1	25	22.60	22.53	22.75	22.37	22.62		
10	64QAM	1	49	22.45

Band 42 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.47	22.56	22.42	24	0
20	QPSK	1	49	22.37	22.21	22.20		
20	QPSK	1	99	22.12	22.50	22.08		
20	QPSK	50	0	21.56	21.60	21.51	23	1
20	QPSK	50	24	21.51	21.47	21.34		
20	QPSK	50	50	21.43	21.53	21.36		
20	QPSK	100	0	21.34	21.45	21.31		
20	16QAM	1	0	21.31	21.68	21.36	23	1
20	16QAM	1	49	21.41	21.49	21.23		
20	16QAM	1	99	21.59	21.44	21.41		
20	16QAM	50	0	20.80	20.78	20.71	22	2
20	16QAM	50	24	20.65	20.66	20.56		
20	16QAM	50	50	20.47	20.69	20.68		
20	16QAM	100	0	20.69	20.63	20.65		
20	64QAM	1	0	20.69	20.51	20.52	22	2
20	64QAM	1	49	20.44	20.57	20.48		
20	64QAM	1	99	20.52	20.53	20.49		
20	64QAM	50	0	19.52	19.70	19.78	21	3
20	64QAM	50	24	19.52	19.62	19.62		
20	64QAM	50	50	19.55	19.78	19.56		
20	64QAM	100	0	19.60	19.66	19.50		
20	256QAM	1	0	17.76	17.66	17.74	19	5
20	256QAM	1	49	17.50	17.69	17.56		
20	256QAM	1	99	17.51	17.57	17.42		
20	256QAM	50	0	17.57	17.68	17.56	19	5
20	256QAM	50	24	17.42	17.57	17.43		
20	256QAM	50	50	17.54	17.57	17.49		
20	256QAM	100	0	17.51	17.52	17.45		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.29	22.44	22.28	24	0
15	QPSK	1	37	22.36	22.16	22.10		
15	QPSK	1	74	22.05	22.48	22.23		
15	QPSK	36	0	21.46	21.54	21.44	23	1
15	QPSK	36	20	21.32	21.38	21.34		
15	QPSK	36	39	21.37	21.48	21.17		
15	QPSK	75	0	21.15	21.36	21.19		
15	16QAM	1	0	21.14	21.60	21.36	23	1
15	16QAM	1	37	21.40	21.39	21.11		
15	16QAM	1	74	21.53	21.39	21.34		
15	16QAM	36	0	20.77	20.67	20.67	22	2
15	16QAM	36	20	20.49	20.56	20.43		
15	16QAM	36	39	20.44	20.66	20.52		
15	16QAM	75	0	20.68	20.43	20.60		
15	64QAM	1	0	20.64	20.47	20.45	22	2
15	64QAM	1	37	20.40	20.56	20.42		
15	64QAM	1	74	20.41	20.37	20.39		
15	64QAM	36	0	19.33	19.64	19.72	21	3
15	64QAM	36	20	19.48	19.46	19.43		
15	64QAM	36	39	19.50	19.67	19.47		
15	64QAM	75	0	19.44	19.48	19.46		
15	256QAM	1	0	17.61	17.54	17.58	19	5
15	256QAM	1	37	17.36	17.52	17.54		
15	256QAM	1	74	17.41	17.52	17.27		
15	256QAM	36	0	17.48	17.50	17.44	19	5
15	256QAM	36	20	17.24	17.41	17.25		
15	256QAM	36	39	17.47	17.39	17.31		
15	256QAM	75	0	17.41	17.48	17.27		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.32	22.55	22.26	24	0
10	QPSK	1	25	22.21	22.19	22.19		
10	QPSK	1	49	22.08	22.36	22.27		
10	QPSK	25	0	21.55	21.55	21.32	23	1
10	QPSK	25	12	21.37	21.44	21.33		
10	QPSK	25	25	21.36	21.39	21.33		
10	QPSK	50	0	21.23	21.35	21.19		
10	16QAM	1	0	21.21	21.57	21.25	23	1
10	16QAM	1	25	21.40	21.39	21.17		
10	16QAM	1	49	21.54	21.42	21.38		
10	16QAM	25	0	20.61	20.67	20.68	22	2
10	16QAM	25	12	20.57	20.63	20.47		
10	16QAM	25	25	20.31	20.69	20.57		
10	16QAM	50	0	20.67	20.44	20.63		
10	64QAM	1	0	20.52	20.42	20.50	22	2
10	64QAM	1	25	20.43	20.49	20.42		
10	64QAM	1	49	20.35	20.47	20.47		
10	64QAM	25	0	19.38	19.62	19.70	21	3
10	64QAM	25	12	19.48	19.45	19.58		
10	64QAM	25	25	19.55	19.64	19.54		
10	64QAM	50	0	19.51	19.52	19.46		
10	256QAM	1	0	17.68	17.59	17.59	19	5
10	256QAM	1	25	17.46	17.56	17.41		
10	256QAM	1	49	17.37	17.45	17.27		
10	256QAM	25	0	17.40	17.53	17.45	19	5
10	256QAM	25	12	17.27	17.42	17.32		
10	256QAM	25	25	17.46	17.38	17.48		
10	256QAM	50	0	17.42	17.49	17.37		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.38	22.40	22.42	24	0
5	QPSK	1	12	22.18	22.10	22.00		
5	QPSK	1	24	22.30	22.50	22.32		
5	QPSK	12	0	21.54	21.41	21.32	23	1
5	QPSK	12	7	21.35	21.43	21.19		
5	QPSK	12	13	21.26	21.50	21.23		
5	QPSK	25	0	21.31	21.44	21.23		
5	16QAM	1	0	21.28	21.63	21.22	23	1
5	16QAM	1	12	21.31	21.40	21.15		
5	16QAM	1	24	21.52	21.27	21.30		
5	16QAM	12	0	20.73	20.66	20.51	22	2
5	16QAM	12	7	20.63	20.62	20.52		
5	16QAM	12	13	20.28	20.65	20.55		
5	16QAM	25	0	20.59	20.49	20.61		
5	64QAM	1	0	20.50	20.41	20.50	22	2
5	64QAM	1	12	20.25	20.38	20.37		
5	64QAM	1	24	20.51	20.49	20.36		
5	64QAM	12	0	19.44	19.53	19.62	21	3
5	64QAM	12	7	19.48	19.56	19.45		
5	64QAM	12	13	19.43	19.74	19.46		
5	64QAM	25	0	19.42	19.47	19.35		
5	256QAM	1	0	17.61	17.58	17.73	19	5
5	256QAM	1	12	17.48	17.64	17.48		
5	256QAM	1	24	17.47	17.51	17.29		
5	256QAM	12	0	17.56	17.62	17.37	19	5
5	256QAM	12	7	17.41	17.41	17.29		
5	256QAM	12	13	17.43	17.41	17.43		
5	256QAM	25	0	17.37	17.34	17.33		

Band 42 Ant 4

BW [MHz]	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	21.33	21.38	21.29	22.4	0
20	QPSK	1	49	21.28	21.24	21.34		
20	QPSK	1	99	21.20	21.28	21.25		
20	QPSK	50	0	21.20	21.34	21.33	22.4	0
20	QPSK	50	24	21.25	21.26	21.20		
20	QPSK	50	50	21.20	21.33	21.15		
20	QPSK	100	0	21.21	21.30	21.20		
20	16QAM	1	0	21.21	21.23	21.24	22.4	0
20	16QAM	1	49	21.03	21.26	21.32		
20	16QAM	1	99	21.19	21.14	21.18		
20	16QAM	50	0	20.94	21.11	20.99	22	0.4
20	16QAM	50	24	20.98	20.95	21.02		
20	16QAM	50	50	20.86	21.07	20.82		
20	16QAM	100	0	21.01	21.07	21.02		
20	64QAM	1	0	20.81	21.15	21.04	22	0.4
20	64QAM	1	49	20.88	20.94	21.07		
20	64QAM	1	99	20.99	21.00	20.94		
20	64QAM	50	0	19.93	19.91	19.84	21	1.4
20	64QAM	50	24	20.08	19.97	19.82		
20	64QAM	50	50	19.86	20.11	19.87		
20	64QAM	100	0	20.09	20.14	20.00		
20	256QAM	1	0	18.06	18.07	17.97	19	3.4
20	256QAM	1	49	17.83	17.95	18.14		
20	256QAM	1	99	18.08	17.97	18.00		
20	256QAM	50	0	17.98	18.03	17.99	19	3.4
20	256QAM	50	24	18.11	18.06	17.99		
20	256QAM	50	50	18.05	17.98	18.08		
20	256QAM	100	0	17.96	17.94	17.93		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.17	21.23	21.11	22.4	0
15	QPSK	1	37	21.27	21.15	21.27		
15	QPSK	1	74	21.12	21.13	21.35		
15	QPSK	36	0	21.16	21.21	21.27	22.4	0
15	QPSK	36	20	21.07	21.13	21.04		
15	QPSK	36	39	21.13	21.15	21.03		
15	QPSK	75	0	21.08	21.16	21.09		
15	16QAM	1	0	21.06	21.05	21.18	22.4	0
15	16QAM	1	37	20.88	21.18	21.16		
15	16QAM	1	74	21.10	21.02	21.03		
15	16QAM	36	0	20.90	21.07	20.87	22	0.4
15	16QAM	36	20	20.80	20.76	20.83		
15	16QAM	36	39	20.79	20.92	20.76		
15	16QAM	75	0	20.86	20.91	20.92		
15	64QAM	1	0	20.77	20.96	21.06	22	0.4
15	64QAM	1	37	20.79	20.84	20.90		
15	64QAM	1	74	20.98	20.82	20.96		
15	64QAM	36	0	19.80	19.86	19.75	21	1.4
15	64QAM	36	20	19.86	19.92	19.63		
15	64QAM	36	39	19.76	20.10	19.76		
15	64QAM	75	0	19.98	20.05	19.86		
15	256QAM	1	0	17.85	17.94	17.76	19	3.4
15	256QAM	1	37	17.78	17.77	17.95		
15	256QAM	1	74	17.90	17.77	17.97		
15	256QAM	36	0	17.92	17.95	17.95	19	3.4
15	256QAM	36	20	18.05	17.89	17.89		
15	256QAM	36	39	18.04	17.88	17.89		
15	256QAM	75	0	17.92	17.95	17.72		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.20	21.29	21.22	22.4	0
10	QPSK	1	25	21.11	21.13	21.22		
10	QPSK	1	49	21.18	21.18	21.30		
10	QPSK	25	0	21.19	21.22	21.32	22.4	0
10	QPSK	25	12	21.19	21.14	21.01		
10	QPSK	25	25	21.03	21.28	21.06		
10	QPSK	50	0	21.04	21.26	21.07		
10	16QAM	1	0	21.17	21.04	21.09	22.4	0
10	16QAM	1	25	20.97	21.09	21.25		
10	16QAM	1	49	21.10	21.12	21.09		
10	16QAM	25	0	20.80	21.04	20.79	22	0.4
10	16QAM	25	12	20.87	20.95	20.96		
10	16QAM	25	25	20.77	20.88	20.65		
10	16QAM	50	0	20.92	20.99	20.92		
10	64QAM	1	0	20.66	20.95	20.85	22	0.4
10	64QAM	1	25	20.69	20.90	21.02		
10	64QAM	1	49	20.98	20.98	20.90		
10	64QAM	25	0	19.85	19.93	19.70	21	1.4
10	64QAM	25	12	20.08	19.78	19.63		
10	64QAM	25	25	19.67	19.90	19.72		
10	64QAM	50	0	19.93	20.00	19.84		
10	256QAM	1	0	17.99	18.02	17.97	19	3.4
10	256QAM	1	25	17.83	17.74	17.92		
10	256QAM	1	49	17.91	17.84	17.92		
10	256QAM	25	0	17.86	17.99	17.99	19	3.4
10	256QAM	25	12	18.11	18.01	17.94		
10	256QAM	25	25	17.93	18.00	17.96		
10	256QAM	50	0	17.87	17.79	17.73		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.18	21.21	21.20	22.4	0
5	QPSK	1	12	21.11	21.22	21.27		
5	QPSK	1	24	21.22	21.14	21.32		
5	QPSK	12	0	21.03	21.27	21.28	22.4	0
5	QPSK	12	7	21.15	21.09	21.17		
5	QPSK	12	13	21.10	21.19	21.10		
5	QPSK	25	0	21.19	21.26	21.16		
5	16QAM	1	0	21.17	21.16	21.19	22.4	0
5	16QAM	1	12	21.02	21.15	21.26		
5	16QAM	1	24	21.14	21.09	21.05		
5	16QAM	12	0	20.81	20.96	20.78	22	0.4
5	16QAM	12	7	20.77	20.97	20.91		
5	16QAM	12	13	20.66	20.96	20.69		
5	16QAM	25	0	20.90	21.03	21.02		
5	64QAM	1	0	20.77	20.94	20.98	22	0.4
5	64QAM	1	12	20.89	20.81	20.92		
5	64QAM	1	24	21.00	20.85	20.88		
5	64QAM	12	0	19.74	19.90	19.74	21	1.4
5	64QAM	12	7	19.98	19.76	19.77		
5	64QAM	12	13	19.83	20.08	19.79		
5	64QAM	25	0	20.06	20.02	19.95		
5	256QAM	1	0	17.88	17.87	17.88	19	3.4
5	256QAM	1	12	17.80	17.84	18.14		
5	256QAM	1	24	17.90	17.82	17.94		
5	256QAM	12	0	17.95	18.02	17.81	19	3.4
5	256QAM	12	7	17.89	18.05	17.87		
5	256QAM	12	13	17.95	17.76	18.09		
5	256QAM	25	0	17.97	17.81	17.86		

Band 42 Ant 7

BW [MHz]	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	19.55	19.62	19.59	20.8	0
20	QPSK	1	49	19.44	19.51	19.44		
20	QPSK	1	99	19.36	19.49	19.54		
20	QPSK	50	0	19.34	19.55	19.46	20.8	0
20	QPSK	50	24	19.40	19.38	19.40		
20	QPSK	50	50	19.40	19.50	19.26		
20	QPSK	100	0	19.35	19.48	19.39		
20	16QAM	1	0	19.46	19.39	19.39	20.8	0
20	16QAM	1	49	19.18	19.44	19.47		
20	16QAM	1	99	19.32	19.42	19.28		
20	16QAM	50	0	19.44	19.42	19.38	20.8	0
20	16QAM	50	24	19.24	19.47	19.28		
20	16QAM	50	50	19.22	19.59	19.20		
20	16QAM	100	0	19.52	19.44	19.35		
20	64QAM	1	0	19.41	19.30	19.47	20.8	0
20	64QAM	1	49	19.29	19.45	19.30		
20	64QAM	1	99	19.19	19.32	19.32		
20	64QAM	50	0	19.47	19.46	19.49	20.8	0
20	64QAM	50	24	19.20	19.59	19.32		
20	64QAM	50	50	19.33	19.37	19.19		
20	64QAM	100	0	19.29	19.41	19.54		
20	256QAM	1	0	18.31	18.32	18.36	19	1.8
20	256QAM	1	49	18.30	18.29	18.36		
20	256QAM	1	99	18.15	18.37	18.25		
20	256QAM	50	0	18.19	18.32	18.37	19	1.8
20	256QAM	50	24	18.26	18.31	18.18		
20	256QAM	50	50	18.22	18.22	18.24		
20	256QAM	100	0	18.20	18.24	18.22		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.5	3500	3542.5		
15	QPSK	1	0	19.36	19.43	19.39	20.8	0
15	QPSK	1	37	19.25	19.34	19.31		
15	QPSK	1	74	19.23	19.36	19.42		
15	QPSK	36	0	19.27	19.54	19.28	20.8	0
15	QPSK	36	20	19.31	19.19	19.32		
15	QPSK	36	39	19.36	19.33	19.12		
15	QPSK	75	0	19.19	19.28	19.21		
15	16QAM	1	0	19.40	19.29	19.32	20.8	0
15	16QAM	1	37	19.16	19.43	19.35		
15	16QAM	1	74	19.20	19.23	19.20		
15	16QAM	36	0	19.33	19.27	19.20	20.8	0
15	16QAM	36	20	19.14	19.37	19.25		
15	16QAM	36	39	19.15	19.52	19.07		
15	16QAM	75	0	19.38	19.30	19.21		
15	64QAM	1	0	19.28	19.11	19.30	20.8	0
15	64QAM	1	37	19.27	19.31	19.23		
15	64QAM	1	74	19.11	19.25	19.25		
15	64QAM	36	0	19.42	19.37	19.36	20.8	0
15	64QAM	36	20	19.11	19.45	19.13		
15	64QAM	36	39	19.21	19.37	19.00		
15	64QAM	75	0	19.20	19.27	19.50		
15	256QAM	1	0	18.28	18.23	18.21	19	1.8
15	256QAM	1	37	18.15	18.24	18.34		
15	256QAM	1	74	17.98	18.35	18.23		
15	256QAM	36	0	18.00	18.20	18.35	19	1.8
15	256QAM	36	20	18.27	18.14	18.11		
15	256QAM	36	39	18.20	18.07	18.21		
15	256QAM	75	0	18.08	18.23	18.18		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.35	19.53	19.43	20.8	0
10	QPSK	1	25	19.30	19.35	19.24		
10	QPSK	1	49	19.27	19.31	19.40		
10	QPSK	25	0	19.15	19.51	19.40	20.8	0
10	QPSK	25	12	19.38	19.31	19.33		
10	QPSK	25	25	19.25	19.41	19.16		
10	QPSK	50	0	19.32	19.44	19.37		
10	16QAM	1	0	19.32	19.28	19.31	20.8	0
10	16QAM	1	25	19.09	19.35	19.43		
10	16QAM	1	49	19.18	19.31	19.12		
10	16QAM	25	0	19.27	19.32	19.34	20.8	0
10	16QAM	25	12	19.22	19.43	19.14		
10	16QAM	25	25	19.15	19.47	19.10		
10	16QAM	50	0	19.50	19.26	19.23		
10	64QAM	1	0	19.39	19.23	19.39	20.8	0
10	64QAM	1	25	19.25	19.26	19.15		
10	64QAM	1	49	19.04	19.20	19.26		
10	64QAM	25	0	19.36	19.40	19.46	20.8	0
10	64QAM	25	12	19.05	19.43	19.18		
10	64QAM	25	25	19.24	19.30	19.18		
10	64QAM	50	0	19.23	19.38	19.51		
10	256QAM	1	0	18.14	18.11	18.15	19	1.8
10	256QAM	1	25	18.12	18.26	18.28		
10	256QAM	1	49	18.03	18.38	18.05		
10	256QAM	25	0	18.08	18.31	18.36	19	1.8
10	256QAM	25	12	18.08	18.11	18.07		
10	256QAM	25	25	18.06	18.05	18.14		
10	256QAM	50	0	18.15	18.09	18.07		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.37	19.55	19.50	20.8	0
5	QPSK	1	12	19.29	19.35	19.30		
5	QPSK	1	24	19.23	19.37	19.51		
5	QPSK	12	0	19.23	19.46	19.39	20.8	0
5	QPSK	12	7	19.22	19.32	19.26		
5	QPSK	12	13	19.26	19.32	19.26		
5	QPSK	25	0	19.31	19.37	19.27		
5	16QAM	1	0	19.44	19.33	19.26	20.8	0
5	16QAM	1	12	19.16	19.34	19.44		
5	16QAM	1	24	19.19	19.30	19.09		
5	16QAM	12	0	19.43	19.25	19.18	20.8	0
5	16QAM	12	7	19.19	19.32	19.13		
5	16QAM	12	13	19.17	19.48	19.11		
5	16QAM	25	0	19.40	19.42	19.20		
5	64QAM	1	0	19.35	19.20	19.28	20.8	0
5	64QAM	1	12	19.16	19.31	19.20		
5	64QAM	1	24	19.03	19.22	19.12		
5	64QAM	12	0	19.31	19.34	19.32	20.8	0
5	64QAM	12	7	19.11	19.50	19.14		
5	64QAM	12	13	19.22	19.37	19.16		
5	64QAM	25	0	19.12	19.36	19.38		
5	256QAM	1	0	18.25	18.17	18.30	19	1.8
5	256QAM	1	12	18.20	18.09	18.32		
5	256QAM	1	24	17.98	18.16	18.09		
5	256QAM	12	0	18.15	18.11	18.39	19	1.8
5	256QAM	12	7	18.27	18.23	18.11		
5	256QAM	12	13	18.15	18.04	18.23		
5	256QAM	25	0	18.11	18.24	18.18		

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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	22.16	22.21	22.02	23	0
20	QPSK	1	49	21.96	22.09	22.01		
20	QPSK	1	99	22.17	22.07	21.95		
20	QPSK	50	0	21.14	21.17	20.98	22	1
20	QPSK	50	24	21.08	21.14	20.98		
20	QPSK	50	50	21.13	21.04	20.96		
20	QPSK	100	0	21.06	21.16	20.86		
20	16QAM	1	0	21.00	21.17	21.04	22	1
20	16QAM	1	49	21.01	21.01	20.85		
20	16QAM	1	99	20.96	21.14	20.86		
20	16QAM	50	0	20.03	20.02	19.83	21	2
20	16QAM	50	24	20.15	20.22	20.01		
20	16QAM	50	50	20.04	20.14	19.92		
20	16QAM	100	0	20.05	20.04	19.94		
20	64QAM	1	0	20.04	20.15	19.86	21	2
20	64QAM	1	49	19.95	20.03	19.82		
20	64QAM	1	99	20.13	20.04	19.95		
20	64QAM	50	0	18.98	19.12	19.01	20	3
20	64QAM	50	24	19.17	19.20	18.94		
20	64QAM	50	50	19.12	19.07	19.03		
20	64QAM	100	0	19.06	19.16	18.90		
20	256QAM	1	0	17.20	17.18	17.10	18	5
20	256QAM	1	49	17.27	17.29	16.96		
20	256QAM	1	99	17.15	17.32	16.95		
20	256QAM	50	0	17.14	17.17	17.09	18	5
20	256QAM	50	24	17.13	17.26	17.02		
20	256QAM	50	50	17.11	17.32	16.97		
20	256QAM	100	0	17.15	17.24	16.97		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.5	3500	3542.5		
15	QPSK	1	0	22.16	22.11	21.82	23	0
15	QPSK	1	37	21.81	21.88	21.93		
15	QPSK	1	74	22.16	21.86	21.90		
15	QPSK	36	0	21.00	21.12	20.83	22	1
15	QPSK	36	20	20.94	21.01	20.83		
15	QPSK	36	39	21.14	20.86	20.85		
15	QPSK	75	0	20.86	21.09	20.70		
15	16QAM	1	0	21.00	21.03	20.89	22	1
15	16QAM	1	37	20.94	20.86	20.74		
15	16QAM	1	74	20.94	21.07	20.74		
15	16QAM	36	0	20.04	19.87	19.72	21	2
15	16QAM	36	20	20.07	20.16	19.93		
15	16QAM	36	39	19.84	19.93	19.81		
15	16QAM	75	0	19.99	19.85	19.89		
15	64QAM	1	0	19.82	20.10	19.71	21	2
15	64QAM	1	37	19.92	19.97	19.75		
15	64QAM	1	74	19.91	20.00	19.85		
15	64QAM	36	0	18.80	19.09	18.80	20	3
15	64QAM	36	20	19.15	19.05	18.96		
15	64QAM	36	39	19.06	19.03	19.05		
15	64QAM	75	0	18.93	18.97	18.76		
15	256QAM	1	0	17.01	17.08	17.00	18	5
15	256QAM	1	37	17.17	17.12	16.75		
15	256QAM	1	74	17.05	17.18	16.87		
15	256QAM	36	0	17.10	17.10	16.98	18	5
15	256QAM	36	20	17.10	17.27	16.86		
15	256QAM	36	39	16.96	17.32	16.91		
15	256QAM	75	0	17.08	17.11	16.94		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.99	22.10	21.96	23	0
10	QPSK	1	25	21.96	21.91	22.00		
10	QPSK	1	49	22.06	21.94	21.91		
10	QPSK	25	0	21.09	20.98	20.88	22	1
10	QPSK	25	12	21.07	21.04	20.89		
10	QPSK	25	25	20.95	20.99	20.85		
10	QPSK	50	0	21.01	21.14	20.80		
10	16QAM	1	0	21.00	21.13	21.02	22	1
10	16QAM	1	25	20.80	20.91	20.68		
10	16QAM	1	49	20.88	20.99	20.77		
10	16QAM	25	0	19.84	19.90	19.81	21	2
10	16QAM	25	12	20.05	20.03	19.86		
10	16QAM	25	25	20.03	20.04	19.73		
10	16QAM	50	0	19.92	19.96	19.93		
10	64QAM	1	0	20.02	20.07	19.79	21	2
10	64QAM	1	25	19.79	19.96	19.81		
10	64QAM	1	49	19.98	19.92	19.96		
10	64QAM	25	0	18.99	19.10	18.94	20	3
10	64QAM	25	12	18.98	19.12	18.88		
10	64QAM	25	25	18.95	19.01	18.99		
10	64QAM	50	0	18.86	19.12	18.88		
10	256QAM	1	0	17.13	17.12	16.94	18	5
10	256QAM	1	25	17.18	17.10	16.74		
10	256QAM	1	49	17.02	17.17	16.91		
10	256QAM	25	0	16.95	17.01	17.07	18	5
10	256QAM	25	12	17.14	17.23	16.82		
10	256QAM	25	25	16.97	17.17	16.85		
10	256QAM	50	0	17.02	17.26	16.87		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.98	22.08	21.81	23	0
5	QPSK	1	12	21.89	21.95	21.98		
5	QPSK	1	24	22.01	21.88	21.88		
5	QPSK	12	0	21.03	21.00	20.99	22	1
5	QPSK	12	7	21.08	20.92	20.86		
5	QPSK	12	13	21.09	20.92	20.92		
5	QPSK	25	0	20.85	21.06	20.68		
5	16QAM	1	0	20.78	21.13	20.92	22	1
5	16QAM	1	12	20.92	21.02	20.68		
5	16QAM	1	24	20.83	21.00	20.64		
5	16QAM	12	0	20.02	19.93	19.73	21	2
5	16QAM	12	7	20.12	20.07	19.87		
5	16QAM	12	13	19.95	20.09	19.73		
5	16QAM	25	0	19.85	20.01	19.90		
5	64QAM	1	0	19.93	20.14	19.85	21	2
5	64QAM	1	12	19.85	19.91	19.80		
5	64QAM	1	24	19.95	20.02	19.82		
5	64QAM	12	0	18.93	19.12	19.02	20	3
5	64QAM	12	7	19.18	19.15	18.96		
5	64QAM	12	13	18.96	18.89	18.83		
5	64QAM	25	0	18.98	19.05	18.83		
5	256QAM	1	0	17.17	17.20	17.01	18	5
5	256QAM	1	12	17.09	17.19	16.79		
5	256QAM	1	24	17.03	17.23	16.78		
5	256QAM	12	0	17.07	17.18	17.05	18	5
5	256QAM	12	7	17.10	17.14	16.97		
5	256QAM	12	13	16.99	17.12	16.92		
5	256QAM	25	0	17.09	17.17	16.75		

Reduced Power Mode for Main PA ECI7

GSM850 Ant 0	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	30.16	30.42	30.23	31.50	21.16	21.42	21.23	22.50
GPRS 1 Tx slot	29.98	30.22	30.26	31.50	20.98	21.22	21.26	22.50
GPRS 2 Tx slots	27.40	27.42	27.29	28.50	21.40	21.42	21.29	22.50
GPRS 3 Tx slots	25.65	25.69	25.67	26.50	21.39	21.43	21.41	22.24
GPRS 4 Tx slots	24.49	24.56	24.35	25.50	21.49	21.56	21.35	22.50
EDGE 1 Tx slot	27.05	27.13	27.08	27.50	18.05	18.13	18.08	18.50
EDGE 2 Tx slots	25.66	25.82	25.77	26.50	19.66	19.82	19.77	20.50
EDGE 3 Tx slots	23.43	23.56	23.49	24.50	19.17	19.30	19.23	20.24
EDGE 4 Tx slots	22.24	22.33	22.26	23.00	19.24	19.33	19.26	20.00

GSM1900 Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	24.28	24.44	24.31	26.00	15.28	15.44	15.31	17.00
GPRS 1 Tx slot	24.30	24.41	24.27	26.00	15.30	15.41	15.27	17.00
GPRS 2 Tx slots	21.84	22.04	21.82	23.00	15.84	16.04	15.82	17.00
GPRS 3 Tx slots	19.89	20.02	19.90	21.00	15.63	15.76	15.64	16.74
GPRS 4 Tx slots	18.88	18.97	18.97	20.00	15.88	15.97	15.97	17.00
EDGE 1 Tx slot	24.71	24.67	24.72	26.00	15.71	15.67	15.72	17.00
EDGE 2 Tx slots	21.49	21.64	21.60	23.00	15.49	15.64	15.60	17.00
EDGE 3 Tx slots	19.41	19.40	19.53	21.00	15.15	15.14	15.27	16.74
EDGE 4 Tx slots	18.73	18.89	18.78	20.00	15.73	15.89	15.78	17.00

Band		WCDMA II Ant 0			Tune-up Limit (dBm)	WCDMA IV Ant 0			Tune-up Limit (dBm)	WCDMA V Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	14.83	14.91	14.87	16.30	17.10	17.27	17.25	18.50	23.34	23.40	23.19	24.00
3GPP Rel 99	RMC 12.2Kbps	14.85	14.93	14.91	16.30	17.21	17.29	17.12	18.50	23.39	23.45	23.23	24.00
3GPP Rel 6	HSDPA Subtest-1	13.73	13.94	13.75	15.30	15.98	16.21	15.98	17.50	22.43	22.35	22.16	23.00
3GPP Rel 6	HSDPA Subtest-2	13.76	13.95	13.71	15.30	16.15	16.31	15.98	17.50	22.40	22.33	22.21	23.00
3GPP Rel 6	HSDPA Subtest-3	13.48	13.31	13.36	14.80	15.77	15.61	15.57	17.00	21.90	21.94	21.64	22.50
3GPP Rel 6	HSDPA Subtest-4	13.27	13.43	13.24	14.80	15.55	15.64	15.52	17.00	21.77	21.88	21.68	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	13.96	13.86	13.86	15.30	16.16	16.23	16.10	17.50	22.38	22.41	22.17	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	13.93	13.94	13.89	15.30	16.13	16.18	16.25	17.50	22.29	22.41	22.21	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	13.43	13.37	13.42	14.80	15.76	15.70	15.68	17.00	21.76	21.97	21.77	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	13.36	13.44	13.45	14.80	15.64	15.73	15.72	17.00	21.83	21.83	21.77	22.50
3GPP Rel 6	HSUPA Subtest-1	13.97	13.97	13.90	15.30	16.33	16.19	16.10	17.50	22.35	22.32	22.24	23.00
3GPP Rel 6	HSUPA Subtest-2	11.75	11.95	11.86	13.30	14.13	14.28	14.08	15.50	20.30	20.50	20.16	21.00
3GPP Rel 6	HSUPA Subtest-3	12.87	12.85	12.78	14.30	15.11	15.24	15.12	16.50	21.43	21.38	21.15	22.00
3GPP Rel 6	HSUPA Subtest-4	11.78	11.73	11.78	13.30	14.13	13.94	14.05	15.50	20.36	20.46	20.16	21.00
3GPP Rel 6	HSUPA Subtest-5	13.95	13.77	13.95	15.30	16.22	16.09	16.26	17.50	22.43	22.48	22.23	23.00

Band 2 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.77	15.79	15.73	16.7	0
20	QPSK	1	49	15.68	15.65	15.62		
20	QPSK	1	99	15.58	15.73	15.60		
20	QPSK	50	0	15.67	15.72	15.70		
20	QPSK	50	24	15.48	15.64	15.55	16.7	0
20	QPSK	50	50	15.58	15.64	15.63		
20	QPSK	100	0	15.61	15.67	15.67		
20	16QAM	1	0	15.57	15.73	15.74		
20	16QAM	1	49	15.60	15.56	15.65	16.7	0
20	16QAM	1	99	15.45	15.57	15.60		
20	16QAM	50	0	15.66	15.59	15.42		
20	16QAM	50	24	15.53	15.63	15.49	16.7	0
20	16QAM	50	50	15.63	15.67	15.46		
20	16QAM	100	0	15.58	15.51	15.53		
20	64QAM	1	0	15.53	15.56	15.67		
20	64QAM	1	49	15.57	15.43	15.46	16.7	0
20	64QAM	1	99	15.52	15.49	15.48		
20	64QAM	50	0	15.66	15.77	15.77		
20	64QAM	50	24	15.50	15.62	15.62	16.7	0
20	64QAM	50	50	15.56	15.61	15.54		
20	64QAM	100	0	15.49	15.66	15.62		
20	256QAM	1	0	15.63	15.67	15.83		
20	256QAM	1	49	15.41	15.56	15.44	16.7	0
20	256QAM	1	99	15.56	15.61	15.45		
20	256QAM	50	0	15.71	15.75	15.73		
20	256QAM	50	24	15.54	15.67	15.57	16.7	0
20	256QAM	50	50	15.55	15.64	15.53		
20	256QAM	100	0	15.55	15.62	15.60		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.64	15.70	15.71	16.7	0
15	QPSK	1	37	15.65	15.47	15.42		
15	QPSK	1	74	15.40	15.64	15.65		
15	QPSK	36	0	15.65	15.54	15.52		
15	QPSK	36	20	15.36	15.54	15.47	16.7	0
15	QPSK	36	39	15.46	15.60	15.59		
15	QPSK	75	0	15.53	15.64	15.38		
15	16QAM	1	0	15.47	15.53	15.60		
15	16QAM	1	37	15.56	15.40	15.59	16.7	0
15	16QAM	1	74	15.45	15.55	15.55		
15	16QAM	36	0	15.61	15.48	15.27		
15	16QAM	36	20	15.34	15.54	15.32	16.7	0
15	16QAM	36	39	15.45	15.64	15.42		
15	16QAM	75	0	15.39	15.39	15.39		
15	64QAM	1	0	15.50	15.50	15.46		
15	64QAM	1	37	15.57	15.24	15.39	16.7	0
15	64QAM	1	74	15.51	15.31	15.30		
15	64QAM	36	0	15.51	15.69	15.58		
15	64QAM	36	20	15.39	15.61	15.60	16.7	0
15	64QAM	36	39	15.45	15.44	15.37		
15	64QAM	75	0	15.41	15.50	15.57		
15	256QAM	1	0	15.59	15.55	15.51		
15	256QAM	1	37	15.38	15.54	15.33	16.7	0
15	256QAM	1	74	15.49	15.60	15.34		
15	256QAM	36	0	15.69	15.60	15.56		
15	256QAM	36	20	15.48	15.50	15.41	16.7	0
15	256QAM	36	39	15.48	15.58	15.40		
15	256QAM	75	0	15.45	15.51	15.42		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.76	15.71	15.55	16.7	0
10	QPSK	1	25	15.49	15.63	15.56		
10	QPSK	1	49	15.46	15.72	15.50		
10	QPSK	25	0	15.58	15.66	15.60	16.7	0
10	QPSK	25	12	15.38	15.58	15.44		
10	QPSK	25	25	15.46	15.58	15.55		
10	QPSK	50	0	15.58	15.53	15.55		
10	16QAM	1	0	15.41	15.65	15.65		
10	16QAM	1	25	15.52	15.52	15.63	16.7	0
10	16QAM	1	49	15.41	15.55	15.52		
10	16QAM	25	0	15.48	15.40	15.27		
10	16QAM	25	12	15.40	15.60	15.31	16.7	0
10	16QAM	25	25	15.50	15.54	15.37		
10	16QAM	50	0	15.48	15.49	15.40		
10	64QAM	1	0	15.38	15.49	15.57		
10	64QAM	1	25	15.55	15.35	15.42	16.7	0
10	64QAM	1	49	15.50	15.49	15.44		
10	64QAM	25	0	15.53	15.65	15.73		
10	64QAM	25	12	15.43	15.52	15.52	16.7	0
10	64QAM	25	25	15.39	15.53	15.43		
10	64QAM	50	0	15.43	15.58	15.45		
10	256QAM	1	0	15.46	15.65	15.51		
10	256QAM	1	25	15.29	15.47	15.37	16.7	0
10	256QAM	1	49	15.48	15.55	15.39		
10	256QAM	25	0	15.67	15.72	15.57		
10	256QAM	25	12	15.39	15.59	15.55	16.7	0
10	256QAM	25	25	15.38	15.51	15.37		
10	256QAM	50	0	15.48	15.61	15.58		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.75	15.67	15.71	16.7	0
5	QPSK	1	12	15.50	15.48	15.44		
5	QPSK	1	24	15.39	15.68	15.77		
5	QPSK	12	0	15.63	15.56	15.66	16.7	0
5	QPSK	12	7	15.36	15.48	15.42		
5	QPSK	12	13	15.47	15.49	15.55		
5	QPSK	25	0	15.49	15.60	15.43		
5	16QAM	1	0	15.39	15.70	15.60	16.7	0
5	16QAM	1	12	15.46	15.45	15.55		
5	16QAM	1	24	15.32	15.42	15.60		
5	16QAM	12	0	15.49	15.52	15.25	16.7	0
5	16QAM	12	7	15.44	15.45	15.47		
5	16QAM	12	13	15.45	15.57	15.37		
5	16QAM	25	0	15.41	15.42	15.33		
5	64QAM	1	0	15.36	15.50	15.54	16.7	0
5	64QAM	1	12	15.46	15.35	15.37		
5	64QAM	1	24	15.48	15.36	15.33		
5	64QAM	12	0	15.62	15.68	15.68	16.7	0
5	64QAM	12	7	15.30	15.56	15.43		
5	64QAM	12	13	15.42	15.58	15.52		
5	64QAM	25	0	15.36	15.54	15.59		
5	256QAM	1	0	15.61	15.63	15.55	16.7	0
5	256QAM	1	12	15.27	15.36	15.33		
5	256QAM	1	24	15.49	15.43	15.43		
5	256QAM	12	0	15.52	15.59	15.53	16.7	0
5	256QAM	12	7	15.37	15.48	15.50		
5	256QAM	12	13	15.38	15.50	15.53		
5	256QAM	25	0	15.51	15.47	15.54		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.74	15.75	15.58	16.7	0
3	QPSK	1	8	15.58	15.45	15.61		
3	QPSK	1	14	15.53	15.70	15.68		
3	QPSK	8	0	15.58	15.61	15.57	16.7	0
3	QPSK	8	4	15.30	15.47	15.46		
3	QPSK	8	7	15.44	15.56	15.53		
3	QPSK	15	0	15.53	15.48	15.56		
3	16QAM	1	0	15.46	15.56	15.56	16.7	0
3	16QAM	1	8	15.44	15.42	15.57		
3	16QAM	1	14	15.42	15.42	15.43		
3	16QAM	8	0	15.48	15.47	15.38	16.7	0
3	16QAM	8	4	15.47	15.57	15.45		
3	16QAM	8	7	15.49	15.57	15.40		
3	16QAM	15	0	15.43	15.44	15.45		
3	64QAM	1	0	15.49	15.52	15.49	16.7	0
3	64QAM	1	8	15.44	15.38	15.46		
3	64QAM	1	14	15.42	15.42	15.46		
3	64QAM	8	0	15.52	15.58	15.58	16.7	0
3	64QAM	8	4	15.34	15.54	15.52		
3	64QAM	8	7	15.43	15.43	15.39		
3	64QAM	15	0	15.43	15.66	15.42		
3	256QAM	1	0	15.45	15.65	15.48	16.7	0
3	256QAM	1	8	15.36	15.46	15.35		
3	256QAM	1	14	15.41	15.57	15.27		
3	256QAM	8	0	15.63	15.73	15.64	16.7	0
3	256QAM	8	4	15.44	15.47	15.52		
3	256QAM	8	7	15.35	15.61	15.45		
3	256QAM	15	0	15.51	15.44	15.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.60	15.64	15.63	16.7	0
1.4	QPSK	1	3	15.57	15.54	15.46		
1.4	QPSK	1	5	15.56	15.74	15.69		
1.4	QPSK	3	0	15.64	15.63	15.55		
1.4	QPSK	3	1	15.40	15.44	15.44		
1.4	QPSK	3	3	15.42	15.60	15.54		
1.4	QPSK	6	0	15.58	15.48	15.38	16.7	0
1.4	16QAM	1	0	15.55	15.67	15.61	16.7	0
1.4	16QAM	1	3	15.41	15.51	15.46		
1.4	16QAM	1	5	15.42	15.46	15.47		
1.4	16QAM	3	0	15.54	15.41	15.24		
1.4	16QAM	3	1	15.43	15.56	15.32		
1.4	16QAM	3	3	15.50	15.58	15.27		
1.4	16QAM	6	0	15.52	15.35	15.41	16.7	0
1.4	64QAM	1	0	15.50	15.56	15.54	16.7	0
1.4	64QAM	1	3	15.43	15.27	15.34		
1.4	64QAM	1	5	15.46	15.33	15.43		
1.4	64QAM	3	0	15.65	15.61	15.61		
1.4	64QAM	3	1	15.42	15.61	15.55		
1.4	64QAM	3	3	15.42	15.58	15.43		
1.4	64QAM	6	0	15.30	15.49	15.51	16.7	0
1.4	256QAM	1	0	15.45	15.51	15.61	16.7	0
1.4	256QAM	1	3	15.38	15.40	15.27		
1.4	256QAM	1	5	15.53	15.59	15.37		
1.4	256QAM	3	0	15.51	15.58	15.71		
1.4	256QAM	3	1	15.53	15.50	15.48		
1.4	256QAM	3	3	15.46	15.51	15.42		
1.4	256QAM	6	0	15.42	15.61	15.48	16.7	0

Band 4 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.13	16.23	16.12	17.7	0
20	QPSK	1	49	16.11	16.02	15.96		
20	QPSK	1	99	15.98	16.10	16.12		
20	QPSK	50	0	16.10	16.22	16.20		
20	QPSK	50	24	15.76	16.08	15.96	17.7	0
20	QPSK	50	50	15.85	16.19	15.93		
20	QPSK	100	0	15.91	16.12	15.98		
20	16QAM	1	0	15.94	16.10	16.18		
20	16QAM	1	49	15.91	15.95	16.15	17.7	0
20	16QAM	1	99	15.90	15.94	15.95		
20	16QAM	50	0	16.11	16.10	15.79		
20	16QAM	50	24	16.04	16.12	15.82	17.7	0
20	16QAM	50	50	15.90	16.00	15.79		
20	16QAM	100	0	15.99	15.96	16.05		
20	64QAM	1	0	15.89	16.03	16.10		
20	64QAM	1	49	16.04	15.84	15.87	17.7	0
20	64QAM	1	99	15.97	15.73	15.91		
20	64QAM	50	0	15.97	16.20	16.15		
20	64QAM	50	24	15.90	16.01	15.93	17.7	0
20	64QAM	50	50	16.07	16.03	16.00		
20	64QAM	100	0	15.91	16.03	16.19		
20	256QAM	1	0	15.94	16.00	16.12		
20	256QAM	1	49	15.83	16.05	15.99	17.7	0
20	256QAM	1	99	16.07	16.04	15.88		
20	256QAM	50	0	16.03	16.15	16.16		
20	256QAM	50	24	16.02	16.09	15.93	17.7	0
20	256QAM	50	50	15.83	16.07	16.04		
20	256QAM	100	0	15.97	15.95	16.02		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.97	16.11	16.04	17.7	0
15	QPSK	1	37	15.99	15.95	15.94		
15	QPSK	1	74	15.92	16.00	16.07		
15	QPSK	36	0	16.09	16.08	16.17		
15	QPSK	36	20	16.11	15.99	15.79	17.7	0
15	QPSK	36	39	15.89	16.16	15.87		
15	QPSK	75	0	15.85	16.01	15.90		
15	16QAM	1	0	15.79	16.03	16.13		
15	16QAM	1	37	15.75	15.89	16.01	17.7	0
15	16QAM	1	74	15.96	15.76	15.78		
15	16QAM	36	0	16.03	16.11	16.11		
15	16QAM	36	20	16.07	15.98	15.70	17.7	0
15	16QAM	36	39	15.94	15.96	16.04		
15	16QAM	75	0	15.84	15.93	16.00		
15	64QAM	1	0	15.84	15.93	16.00		
15	64QAM	1	37	15.90	15.80	15.70	17.7	0
15	64QAM	1	74	15.94	15.96	16.05		
15	64QAM	36	0	15.90	16.06	16.05		
15	64QAM	36	20	15.85	15.99	15.79	17.7	0
15	64QAM	36	39	16.05	15.92	15.91		
15	64QAM	75	0	15.88	15.85	16.09		
15	256QAM	1	0	15.86	15.97	16.10		
15	256QAM	1	37	16.12	16.00	15.94	17.7	0
15	256QAM	1	74	15.91	15.99	15.84		
15	256QAM	36	0	15.92	15.98	16.13		
15	256QAM	36	20	15.86	16.07	15.79	17.7	0
15	256QAM	36	39	15.72	15.96	15.97		
15	256QAM	75	0	15.81	15.78	15.95		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.95	16.08	16.00	17.7	0
10	QPSK	1	25	16.10	15.94	15.83		
10	QPSK	1	49	15.95	16.07	16.03		
10	QPSK	25	0	15.91	16.05	16.19	17.7	0
10	QPSK	25	12	15.70	15.91	15.78		
10	QPSK	25	25	15.81	15.93	15.85		
10	QPSK	50	0	15.88	15.97	15.89		
10	16QAM	1	0	15.81	15.97	16.01	17.7	0
10	16QAM	1	25	15.82	15.86	16.08		
10	16QAM	1	49	15.73	15.90	15.79		
10	16QAM	25	0	15.99	15.85	15.95	17.7	0
10	16QAM	25	12	15.96	15.99	15.74		
10	16QAM	25	25	15.76	15.91	15.73		
10	16QAM	50	0	15.98	15.93	15.88		
10	64QAM	1	0	15.78	15.96	15.96	17.7	0
10	64QAM	1	25	15.98	15.76	15.79		
10	64QAM	1	49	15.79	16.06	15.98		
10	64QAM	25	0	15.88	16.15	16.06	17.7	0
10	64QAM	25	12	15.81	15.88	15.78		
10	64QAM	25	25	15.91	16.00	15.90		
10	64QAM	50	0	15.82	15.97	16.03		
10	256QAM	1	0	15.79	15.88	15.95	17.7	0
10	256QAM	1	25	15.97	15.94	15.84		
10	256QAM	1	49	15.98	15.89	15.75		
10	256QAM	25	0	15.86	16.05	16.06	17.7	0
10	256QAM	25	12	15.89	15.97	15.86		
10	256QAM	25	25	15.99	15.98	15.86		
10	256QAM	50	0	15.92	15.82	15.94		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.08	16.06	15.99	17.7	0
5	QPSK	1	12	16.10	15.94	15.88		
5	QPSK	1	24	15.96	15.95	15.96		
5	QPSK	12	0	16.00	16.18	16.08	17.7	0
5	QPSK	12	7	15.75	15.98	15.93		
5	QPSK	12	13	15.72	16.14	15.86		
5	QPSK	25	0	15.87	16.00	15.95		
5	16QAM	1	0	15.92	16.07	16.16	17.7	0
5	16QAM	1	12	15.78	15.85	16.00		
5	16QAM	1	24	15.89	15.88	15.90		
5	16QAM	12	0	15.96	15.97	15.74	17.7	0
5	16QAM	12	7	15.94	16.08	15.80		
5	16QAM	12	13	15.74	15.98	15.77		
5	16QAM	25	0	15.97	15.90	15.88		
5	64QAM	1	0	15.82	15.92	15.99	17.7	0
5	64QAM	1	12	15.95	15.76	15.74		
5	64QAM	1	24	15.98	15.72	15.82		
5	64QAM	12	0	15.90	16.03	16.10	17.7	0
5	64QAM	12	7	15.80	15.96	15.83		
5	64QAM	12	13	15.96	15.93	15.89		
5	64QAM	25	0	15.86	15.84	16.03		
5	256QAM	1	0	15.86	15.87	16.09	17.7	0
5	256QAM	1	12	15.79	15.93	15.94		
5	256QAM	1	24	16.01	15.86	15.87		
5	256QAM	12	0	15.89	15.98	16.13	17.7	0
5	256QAM	12	7	15.88	15.98	15.87		
5	256QAM	12	13	16.08	15.98	15.93		
5	256QAM	25	0	15.93	15.78	15.96		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.95	16.19	16.00	17.7	0
3	QPSK	1	8	16.01	15.96	15.81		
3	QPSK	1	14	15.83	15.96	15.98		
3	QPSK	8	0	16.09	16.09	16.14	17.7	0
3	QPSK	8	4	16.10	16.01	15.81		
3	QPSK	8	7	15.98	16.02	16.10		
3	QPSK	15	0	15.82	15.96	15.80		
3	16QAM	1	0	15.88	16.00	16.00	17.7	0
3	16QAM	1	8	15.84	15.90	16.04		
3	16QAM	1	14	15.83	15.84	15.84		
3	16QAM	8	0	16.01	15.95	15.72	17.7	0
3	16QAM	8	4	15.99	16.09	15.72		
3	16QAM	8	7	15.86	15.91	16.08		
3	16QAM	15	0	15.93	15.94	15.95		
3	64QAM	1	0	15.85	15.85	16.00	17.7	0
3	64QAM	1	8	16.02	15.82	15.72		
3	64QAM	1	14	15.85	15.71	15.79		
3	64QAM	8	0	15.81	16.16	16.02	17.7	0
3	64QAM	8	4	15.71	15.98	15.80		
3	64QAM	8	7	15.99	15.97	15.86		
3	64QAM	15	0	15.83	15.86	16.03		
3	256QAM	1	0	15.75	15.93	15.94	17.7	0
3	256QAM	1	8	15.75	15.96	15.83		
3	256QAM	1	14	15.90	15.96	15.75		
3	256QAM	8	0	15.91	16.12	16.04	17.7	0
3	256QAM	8	4	15.96	16.08	15.83		
3	256QAM	8	7	15.95	16.02	15.97		
3	256QAM	15	0	15.91	15.86	15.92		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.00	16.10	16.00	17.7	0
1.4	QPSK	1	3	16.00	15.89	15.81		
1.4	QPSK	1	5	15.90	15.93	15.95		
1.4	QPSK	3	0	15.93	16.16	16.02		
1.4	QPSK	3	1	16.01	16.04	15.81		
1.4	QPSK	3	3	15.73	16.12	15.86		
1.4	QPSK	6	0	15.89	15.95	15.81	17.7	0
1.4	16QAM	1	0	15.86	15.95	16.01	17.7	0
1.4	16QAM	1	3	15.72	15.82	15.98		
1.4	16QAM	1	5	15.80	15.76	15.81		
1.4	16QAM	3	0	16.06	15.95	15.74		
1.4	16QAM	3	1	15.89	16.03	16.09		
1.4	16QAM	3	3	15.77	15.94	15.76		
1.4	16QAM	6	0	15.98	15.94	16.03	17.7	0
1.4	64QAM	1	0	15.86	16.01	15.98	17.7	0
1.4	64QAM	1	3	15.97	15.82	15.70		
1.4	64QAM	1	5	15.95	16.02	16.06		
1.4	64QAM	3	0	15.81	16.14	16.03		
1.4	64QAM	3	1	15.81	15.92	15.79		
1.4	64QAM	3	3	16.05	15.85	15.92		
1.4	64QAM	6	0	15.89	15.90	16.02	17.7	0
1.4	256QAM	1	0	15.86	15.90	16.00	17.7	0
1.4	256QAM	1	3	15.71	15.90	15.88		
1.4	256QAM	1	5	16.00	15.88	15.85		
1.4	256QAM	3	0	15.86	16.01	16.09		
1.4	256QAM	3	1	15.92	16.02	15.87		
1.4	256QAM	3	3	15.73	15.96	15.93		
1.4	256QAM	6	0	15.88	15.84	15.94	17.7	0

Band 5 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.92	22.97	22.95	24	0
10	QPSK	1	25	22.72	22.94	22.81		
10	QPSK	1	49	22.88	22.85	22.94		
10	QPSK	25	0	21.93	21.97	21.89	23	1
10	QPSK	25	12	21.94	21.91	21.83		
10	QPSK	25	25	21.75	21.85	21.88		
10	QPSK	50	0	21.88	21.95	21.90		
10	16QAM	1	0	21.89	21.90	21.81		
10	16QAM	1	25	21.95	21.80	21.69	23	1
10	16QAM	1	49	21.78	21.80

Band 7 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.03	17.15	16.99		
20	QPSK	1	49	16.94	16.96	16.82	18	0
20	QPSK	1	99	16.91	17.04	16.87		
20	QPSK	50	0	17.02	17.10	16.96		
20	QPSK	50	24	16.87	16.89	16.93	18	0
20	QPSK	50	50	16.83	16.87	16.95		
20	QPSK	100	0	16.83	17.05	16.86		
20	16QAM	1	0	16.86	16.98	17.04		
20	16QAM	1	49	16.99	16.94	17.03	18	0
20	16QAM	1	99	16.68	16.91	16.90		
20	16QAM	50	0	17.02	16.85	16.62		
20	16QAM	50	24	16.84	16.96	16.76	18	0
20	16QAM	50	50	16.99	17.03	16.80		
20	16QAM	100	0	16.85	16.80	16.81		
20	64QAM	1	0	16.87	16.94	16.89		
20	64QAM	1	49	16.84	16.78	16.84	18	0
20	64QAM	1	99	16.87	16.86	16.80		
20	64QAM	50	0	16.99	17.06	16.92		
20	64QAM	50	24	16.87	16.89	16.98	18	0
20	64QAM	50	50	16.94	16.85	16.85		
20	64QAM	100	0	16.77	17.03	16.82		
20	256QAM	1	0	16.89	16.93	16.90		
20	256QAM	1	49	16.69	16.87	16.84	18	0
20	256QAM	1	99	16.84	16.89	16.79		
20	256QAM	50	0	16.96	17.14	16.97		
20	256QAM	50	24	16.85	16.94	16.90	18	0
20	256QAM	50	50	16.79	16.89	16.91		
20	256QAM	100	0	16.87	16.86	16.87		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.85	17.10	16.92		
15	QPSK	1	37	16.88	16.90	16.81	18	0
15	QPSK	1	74	16.79	16.84	16.69		
15	QPSK	36	0	16.96	16.91	16.87		
15	QPSK	36	20	16.79	16.81	16.91	18	0
15	QPSK	36	39	16.77	16.76	16.76		
15	QPSK	75	0	16.72	16.95	16.74		
15	16QAM	1	0	16.74	16.82	16.94		
15	16QAM	1	37	16.88	16.91	16.84	18	0
15	16QAM	1	74	16.59	16.84	16.85		
15	16QAM	36	0	16.83	16.69	16.46		
15	16QAM	36	20	16.67	16.93	16.57	18	0
15	16QAM	36	39	16.90	16.91	16.63		
15	16QAM	75	0	16.83	16.66	16.75		
15	64QAM	1	0	16.73	16.75	16.70		
15	64QAM	1	37	16.78	16.61	16.73	18	0
15	64QAM	1	74	16.71	16.81	16.75		
15	64QAM	36	0	16.82	17.12	17.06		
15	64QAM	36	20	16.83	16.74	16.89	18	0
15	64QAM	36	39	16.84	16.76	16.82		
15	64QAM	75	0	16.58	17.02	16.62		
15	256QAM	1	0	16.75	16.82	16.76		
15	256QAM	1	37	16.55	16.71	16.78	18	0
15	256QAM	1	74	16.65	16.83	16.64		
15	256QAM	36	0	16.96	16.95	16.83		
15	256QAM	36	20	16.69	16.75	16.77	18	0
15	256QAM	36	39	16.65	16.89	16.83		
15	256QAM	75	0	16.68	16.76	16.72		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.83	17.02	16.90		
10	QPSK	1	25	16.75	16.77	16.71	18	0
10	QPSK	1	49	16.85	16.97	16.89		
10	QPSK	25	0	16.87	17.00	16.89		
10	QPSK	25	12	16.72	16.72	16.91	18	0
10	QPSK	25	25	16.77	16.72	16.88		
10	QPSK	50	0	16.82	16.96	16.70		
10	16QAM	1	0	16.67	16.96	16.85		
10	16QAM	1	25	16.94	16.76	16.87	18	0
10	16QAM	1	49	16.67	16.78	16.83		
10	16QAM	25	0	16.92	16.71	16.55		
10	16QAM	25	12	16.83	16.76	16.60	18	0
10	16QAM	25	25	16.89	16.86	16.62		
10	16QAM	50	0	16.73	16.71	16.78		
10	64QAM	1	0	16.72	16.87	16.83		
10	64QAM	1	25	16.78	16.66	16.73	18	0
10	64QAM	1	49	16.86	16.72	16.77		
10	64QAM	25	0	16.98	16.97	17.00		
10	64QAM	25	12	16.76	16.82	16.91	18	0
10	64QAM	25	25	16.87	16.66	16.85		
10	64QAM	50	0	16.62	16.92	16.79		
10	256QAM	1	0	16.74	16.93	16.78		
10	256QAM	1	25	16.67	16.82	16.84	18	0
10	256QAM	1	49	16.81	16.78	16.71		
10	256QAM	25	0	16.94	17.03	16.86		
10	256QAM	25	12	16.81	16.91	16.75	18	0
10	256QAM	25	25	16.79	16.78	16.84		
10	256QAM	50	0	16.71	16.82	16.67		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.99	17.09	16.85	18	0
5	QPSK	1	12	16.75	16.96	16.70		
5	QPSK	1	24	16.83	16.90	16.71		
5	QPSK	12	0	17.00	16.97	16.86		
5	QPSK	12	7	16.69	16.88	16.85	18	0
5	QPSK	12	13	16.63	16.82	16.93		
5	QPSK	25	0	16.76	17.00	16.79		
5	16QAM	1	0	16.78	16.91	16.98		
5	16QAM	1	12	16.79	16.93	16.99	18	0
5	16QAM	1	24	16.64	16.72	16.89		
5	16QAM	12	0	16.85	16.67	16.61		
5	16QAM	12	7	16.69	16.93	16.70	18	0
5	16QAM	12	13	16.87	16.91	16.67		
5	16QAM	25	0	16.75	16.66	16.62		
5	64QAM	1	0	16.70	16.92	16.80		
5	64QAM	1	12	16.82	16.63	16.70	18	0
5	64QAM	1	24	16.67	16.79	16.74		
5	64QAM	12	0	16.82	16.99	16.98		
5	64QAM	12	7	16.79	16.87	16.79	18	0
5	64QAM	12	13	16.76	16.74	16.67		
5	64QAM	25	0	16.58	16.93	16.62		
5	256QAM	1	0	16.75	16.83	16.88		
5	256QAM	1	12	16.57	16.77	16.81	18	0
5	256QAM	1	24	16.74	16.71	16.74		
5	256QAM	12	0	16.94	17.12	16.83		
5	256QAM	12	7	16.80	16.75	16.84	18	0
5	256QAM	12	13	16.77	16.78	16.80		
5	256QAM	25	0	16.68	16.73	16.69		

Band 12 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.12	23.16	23.07		
10	QPSK	1	25	23.05	23.11	22.89	24	0
10	QPSK	1	49	22.95	23.00	22.98		
10	QPSK	25	0	22.10	22.13	22.02		
10	QPSK	25	12	21.89	22.01	21.80	23	1
10	QPSK	25	25	22.10	21.97	21.98		
10	QPSK	50	0	22.04	22.08	21.97		
10	16QAM	1	0	22.07	22.00	21.90		
10	16QAM	1	25	22.03	22.12	21.99	23	1
10	16QAM	1	49	21.95	22.05	21.95		
10	16QAM	25	0	21.25	21.05	21.20		
10	16QAM	25	12	21.05	21.14	21.06	22	2
10	16QAM	25	25	21.24	21.05	21.10		
10	16QAM	50	0	21.07	21.15	21.06		
10	64QAM	1	0	21.11	21.24	21.24		
10	64QAM	1	25	21.11	21.08	21.13	22	2
10	64QAM	1	49	21.20	21.15	21.21		
10	64QAM	25	0	20.11	20.05	20.11		
10	64QAM	25	12	19.95	20.08	19.97	21	3
10	64QAM	25	25	19.91	19.97	19.92		
10	64QAM	50	0	20.00	20.09	19.95		
10	256QAM	1	0	18.07	18.08	18.04		
10	256QAM	1	25	18.05	18.16	18.16	19	5
10	256QAM	1	49	18.20	18.03	18.02		
10	256QAM	25	0	18.12	18.12	18.06		
10	256QAM	25	12	18.19	18.23	18.11	19	5
10	256QAM	25	25	18.15	18.02	18.09		
10	256QAM	50	0	18.15	18.08	18.13		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.06	22.96	22.93		
5	QPSK	1	12	22.84	23.04	22.85	24	0
5	QPSK	1	24	22.79	22.79	22.94		
5	QPSK	12	0	21.89	22.00	21.82		
5	QPSK	12	7	21.79	21.84	21.75	23	1
5	QPSK	12	13	22.05	21.82	21.91		
5	QPSK	25	0	21.95	21.90	21.88		
5	16QAM	1	0	21.98	21.93	21.82		
5	16QAM	1	12	21.96	21.96	21.92	23	1
5	16QAM	1	24	21.82	21.84	21.74		
5	16QAM	12	0	21.18	20.97	21.11		
5	16QAM	12	7	20.94	21.05	20.96	22	2
5	16QAM	12	13	21.03	20.99	21.01		
5	16QAM	25	0	20.91	21.02	20.88		
5	64QAM	1	0	20.95	21.19	21.07		
5	64QAM	1	12	21.00	20.95	20.98	22	2
5	64QAM	1	24	21.10	21.08	20.99		
5	64QAM	12	0	19.93	20.01	20.03		
5	64QAM	12	7	19.84	19.93	19.83	21	3
5	64QAM	12	13	19.70	19.80	19.71		
5	64QAM	25	0	19.95	20.04	19.79		
5	256QAM	1	0	18.01	17.87	17.87		
5	256QAM	1	12	17.93	17.99	18.11	19	5
5	256QAM	1	24	18.05	17.96	17.85		
5	256QAM	12	0	17.97	18.05	17.84		
5	256QAM	12	7	18.07	18.16	17.97	19	5
5	256QAM	12	13	17.99	17.88	17.89		
5	256QAM	25	0	18.00	17.88	18.03		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.98	23.06	22.87		
3	QPSK	1	8	22.86	22.94	22.75	24	0
3	QPSK	1	14	22.73	22.93	22.86		
3	QPSK	8	0	21.98	21.98	21.90		
3	QPSK	8	4	21.73	21.79	21.75	23	1
3	QPSK	8	7	22.00	21.85	21.78		
3	QPSK	15	0	21.92	21.93	21.89		
3	16QAM	1	0	21.94	21.88	21.73		
3	16QAM	1	8	21.86	22.01	21.82	23	1
3	16QAM	1	14	21.81	21.96	21.75		
3	16QAM	8	0	21.12	20.87	21.01		
3	16QAM	8	4	21.00	21.03	20.95	22	2
3	16QAM	8	7	21.08	20.98	20.99		
3	16QAM	15	0	20.95	21.09	20.90		
3	64QAM	1	0	20.97	21.18	21.13		
3	64QAM	1	8	20.91	21.00	20.91	22	2
3	64QAM	1	14	21.03	21.08	21.00		
3	64QAM	8	0	20.00	19.83	19.92		
3	64QAM	8	4	19.81	20.01	19.85	21	3
3	64QAM	8	7	19.73	19.80	19.77		
3	64QAM	15	0	19.93	20.01	19.83		
3	256QAM	1	0	17.92	17.90	17.93		
3	256QAM	1	8	17.89	17.96	18.02	19	5
3	256QAM	1	14	18.10	17.87	17.93		
3	256QAM	8	0	18.00	18.03	17.86		
3	256QAM	8	4	18.14	18.13	18.04	19	5
3	256QAM	8	7	18.06	17.91	18.01		
3	256QAM	15	0	18.11	17.89	18.01		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.97	23.01	22.99		
1.4	QPSK	1	3	22.86	23.01	22.82		
1.4	QPSK	1	5	22.88	22.95	22.89	24	0
1.4	QPSK	3	0	23.04	23.01	23.02		
1.4	QPSK	3	1	22.90	22.96	22.84		
1.4	QPSK	3	3	22.87	22.94	22.81		
1.4	QPSK	6	0	21.88	21.91	21.89	23	1
1.4	16QAM	1	0	21.86	21.90	21.73		
1.4	16QAM	1	3	21.96	22.01	21.87		
1.4	16QAM	1	5	21.86	21.97	21.85	23	1
1.4	16QAM	3	0	21.96	22.04	21.89		
1.4	16QAM	3	1	21.79	21.87	21.65		
1.4	16QAM	3	3	21.88	21.77	21.87		
1.4	16QAM	6	0	20.98	21.01	20.94	22	2
1.4	64QAM	1	0	20.99	21.04	21.08		
1.4	64QAM	1	3	20.94	20.95	21.03		
1.4	64QAM	1	5	21.11	20.95	21.04	22	2
1.4	64QAM	3	0	20.92	20.92	20.91		
1.4	64QAM	3	1	21.07	20.96	20.88		
1.4	64QAM	3	3	21.00	21.05	20.85		
1.4	64QAM	6	0	19.88	20.04	19.90	21	3
1.4	256QAM	1	0	17.89	17.88	17.99		
1.4	256QAM	1	3	17.93	18.01	18.07		
1.4	256QAM	1	5	18.13	17.82	17.96	19	5
1.4	256QAM	3	0	18.05	17.94	17.86		
1.4	256QAM	3	1	18.00	18.12	17.91		
1.4	256QAM	3	3	17.98	17.86	17.91		
1.4	256QAM	6	0	18.09	17.99	17.95	19	5

Band 13 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.44			
10	QPSK	1	25		23.35		24	0
10	QPSK	1	49		23.30			
10	QPSK	25	0		22.48			
10	QPSK	25	12		22.37		23	1
10	QPSK	25	25		22.44			
10	QPSK	50	0		22.41			
10	16QAM	1	0		22.39			
10	16QAM	1	25		22.49		23	1
10	16QAM	1	49		22.32			
10	16QAM	25	0		21.54			
10	16QAM	25	12		21.55		22	2
10	16QAM	25	25		21.42			
10	16QAM	50	0		21.47			
10	64QAM	1	0		21.43			
10	64QAM	1	25		21.48		22	2
10	64QAM	1	49		21.55			
10	64QAM	25	0		20.46			
10	64QAM	25	12		20.36		21	3
10	64QAM	25	25		20.44			
10	64QAM	50	0		20.40			
10	256QAM	1	0		18.57			
10	256QAM	1	25		18.37		19	5
10	256QAM	1	49		18.42			
10	256QAM	25	0		18.51			
10	256QAM	25	12		18.48		19	5
10	256QAM	25	25		18.37			
10	256QAM	50	0		18.42			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.33	23.35	23.26		
5	QPSK	1	12	23.21	23.20	23.18	24	0
5	QPSK	1	24	23.22	23.17	23.20		
5	QPSK	12	0	22.43	22.35	22.41		
5	QPSK	12	7	22.23	22.18	22.22	23	1
5	QPSK	12	13	22.32	22.30	22.29		
5	QPSK	25	0	22.36	22.25	22.37		
5	16QAM	1	0	22.18	22.24	22.32		
5	16QAM	1	12	22.30	22.30	22.38	23	1
5	16QAM	1	24	22.15	22.14	22.14		
5	16QAM	12	0	21.43	21.48	21.48		
5	16QAM	12	7	21.43	21.43	21.49	22	2
5	16QAM	12	13	21.36	21.26	21.37		
5	16QAM	25	0	21.30	21.35	21.43		
5	64QAM	1	0	21.30	21.33	21.23		
5	64QAM	1	12	21.31	21.29	21.31	22	2
5	64QAM	1	24	21.42	21.39	21.35		
5	64QAM	12	0	20.26	20.39	20.41		
5	64QAM	12	7	20.25	20.16	20.15	21	3
5	64QAM	12	13	20.36	20.23	20.27		
5	64QAM	25	0	20.24	20.19	20.35		
5	256QAM	1	0	18.36	18.41	18.49		
5	256QAM	1	12	18.15	18.15	18.16	19	5
5	256QAM	1	24	18.37	18.24	18.26		
5	256QAM	12	0	18.47	18.41	18.40		
5	256QAM	12	7	18.41	18.28	18.32	19	5
5	256QAM	12	13	18.23	18.32	18.17		
5	256QAM	25	0	18.35	18.33	18.31		

Band 17 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.04	23.13	23.00	24	0
10	QPSK	1	25	22.86	23.01	22.81		
10	QPSK	1	49	22.86	23.06	23.02		
10	QPSK	25	0	22.01	22.06	21.98	23	1
10	QPSK	25	12	21.92	21.87	21.83		
10	QPSK	25	25	21.84	21.96	21.84		
10	QPSK	50	0	21.96	22.05	21.92		
10	16QAM	1	0	21.80	22.06	21.85	23	1
10	16QAM	1	25	21.92	22.06	21.91		
10	16QAM	1	49	21.93	22.04	21.89		
10	16QAM	25	0	21.05	20.96	21.13	22	2
10	16QAM	25	12	21.09	21.04	21.07		
10	16QAM	25	25	20.92	21.01	21.12		
10	16QAM	50	0	21.12	21.12	21.10		
10	64QAM	1	0	20.92	21.08	20.90	22	2
10	64QAM	1	25	20.91	21.09	21.10		
10	64QAM	1	49	20.90	21.03	21.03		
10	64QAM	25	0	19.99	20.00	20.01	21	3
10	64QAM	25	12	19.94	19.94	20.07		
10	64QAM	25	25	20.10	19.92	20.00		
10	64QAM	50	0	19.98	19.94	20.06		
10	256QAM	1	0	18.01	18.13	18.07	19	5
10	256QAM	1	25	18.02	18.11	18.12		
10	256QAM	1	49	18.15	18.08	17.97		
10	256QAM	25	0	18.01	17.99	17.94	19	5
10	256QAM	25	12	18.08	18.11	18.05		
10	256QAM	25	25	18.03	17.99	17.95		
10	256QAM	50	0	18.02	18.05	17.95		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.98	23.06	22.80	24	0
5	QPSK	1	12	22.76	22.82	22.73		
5	QPSK	1	24	22.66	22.85	22.80		
5	QPSK	12	0	21.87	21.86	21.83	23	1
5	QPSK	12	7	21.78	21.75	21.73		
5	QPSK	12	13	21.79	21.89	21.78		
5	QPSK	25	0	21.85	21.92	21.83		
5	16QAM	1	0	21.59	21.89	21.72	23	1
5	16QAM	1	12	21.72	21.99	21.71		
5	16QAM	1	24	21.76	21.86	21.85		
5	16QAM	12	0	20.89	20.86	21.05	22	2
5	16QAM	12	7	20.88	20.94	20.94		
5	16QAM	12	13	20.78	20.94	20.95		
5	16QAM	25	0	20.93	20.93	20.98		
5	64QAM	1	0	20.76	20.97	20.80	22	2
5	64QAM	1	12	20.84	20.93	21.05		
5	64QAM	1	24	20.70	20.83	20.98		
5	64QAM	12	0	19.79	19.79	19.85	21	3
5	64QAM	12	7	19.86	19.88	19.86		
5	64QAM	12	13	19.95	19.77	19.82		
5	64QAM	25	0	19.85	19.84	19.89		
5	256QAM	1	0	17.82	17.92	18.00	19	5
5	256QAM	1	12	17.94	17.98	18.06		
5	256QAM	1	24	18.02	17.91	17.91		
5	256QAM	12	0	17.81	17.93	17.72	19	5
5	256QAM	12	7	18.01	18.03	17.84		
5	256QAM	12	13	17.97	17.85	17.82		
5	256QAM	25	0	17.89	17.89	17.80		

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BW [MHz]	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	22.98	23.05	23.03	24	0
15	QPSK	1	37	22.96	23.04	23.01		
15	QPSK	1	74	22.90	22.84	22.97		
15	QPSK	36	0	22.01	22.09	21.96	23	1
15	QPSK	36	20	21.92	22.01	21.86		
15	QPSK	36	39	22.00	21.99	21.94		
15	QPSK	75	0	21.97	22.04	21.94		
15	16QAM	1	0	21.89	21.89	21.87	23	1
15	16QAM	1	37	21.86	21.93	21.86		
15	16QAM	1	74	21.79	22.10	21.92		
15	16QAM	36	0	21.06	20.96	20.97	22	2
15	16QAM	36	20	21.09	21.12	20.92		
15	16QAM	36	39	21.11	20.92	21.10		
15	16QAM	75	0	21.07	20.97	21.07		
15	64QAM	1	0	21.10	20.96	20.99	22	2
15	64QAM	1	37	21.08	20.96	20.99		
15	64QAM	1	74	20.98	21.08	20.91		
15	64QAM	36	0	20.03	20.00	20.09	21	3
15	64QAM	36	20	19.96	19.93	19.93		
15	64QAM	36	39	20.00	19.91	20.10		
15	64QAM	75	0	19.98	19.96	20.02		
15	256QAM	1	0	18.08	18.19	18.14	19	5
15	256QAM	1	37	18.24	18.22	18.06		
15	256QAM	1	74	18.12	18.14	18.16		
15	256QAM	36	0	18.20	18.23	18.17	19	5
15	256QAM	36	20	18.23	18.05	18.11		
15	256QAM	36	39	18.12	18.16	18.25		
15	256QAM	75	0	18.19	18.18	18.16		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.86	22.86	22.92	24	0
10	QPSK	1	25	22.81	22.84	22.88		
10	QPSK	1	49	22.75	22.64	22.91		
10	QPSK	25	0	21.84	21.88	21.89	23	1
10	QPSK	25	12	21.81	21.80	21.67		
10	QPSK	25	25	21.90	21.92	21.85		
10	QPSK	50	0	21.76	21.90	21.84		
10	16QAM	1	0	21.81	21.80	21.75	23	1
10	16QAM	1	25	21.79	21.84	21.74		
10	16QAM	1	49	21.64	22.01	21.86		
10	16QAM	25	0	21.00	20.80	20.88	22	2
10	16QAM	25	12	21.04	20.96	20.86		
10	16QAM	25	25	20.91	20.72	20.98		
10	16QAM	50	0	20.94	20.85	20.99		
10	64QAM	1	0	20.89	20.84	20.79	22	2
10	64QAM	1	25	20.91	20.89	20.92		
10	64QAM	1	49	20.92	21.02	20.87		
10	64QAM	25	0	19.81	19.81	19.93	21	3
10	64QAM	25	12	19.76	19.75	19.76		
10	64QAM	25	25	19.89	19.79	19.90		
10	64QAM	50	0	19.92	19.83	19.98		
10	256QAM	1	0	17.89	18.12	17.98	19	5
10	256QAM	1	25	18.15	18.04	17.87		
10	256QAM	1	49	18.06	18.06	18.02		
10	256QAM	25	0	18.04	18.08	18.13	19	5
10	256QAM	25	12	18.13	17.95	17.89		
10	256QAM	25	25	18.02	17.97	18.06		
10	256QAM	50	0	18.11	17.97	17.98		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.88	22.89	22.83	24	0
5	QPSK	1	12	22.84	22.89	22.89		
5	QPSK	1	24	22.85	22.62	22.80		
5	QPSK	12	0	21.81	21.99	21.90	23	1
5	QPSK	12	7	21.83	21.94	21.74		
5	QPSK	12	13	21.90	21.91	21.88		
5	QPSK	25	0	21.76	21.94	21.88		
5	16QAM	1	0	21.68	21.76	21.78	23	1
5	16QAM	1	12	21.67	21.79	21.68		
5	16QAM	1	24	21.58	21.98	21.82		
5	16QAM	12	0	21.01	20.82	20.81	22	2
5	16QAM	12	7	20.87	20.95	20.85		
5	16QAM	12	13	20.92	20.86	20.90		
5	16QAM	25	0	20.88	20.84	20.96		
5	64QAM	1	0	21.03	20.90	20.87	22	2
5	64QAM	1	12	20.86	20.81	20.93		
5	64QAM	1	24	20.89	21.01	20.81		
5	64QAM	12	0	19.97	19.87	19.94	21	3
5	64QAM	12	7	19.91	19.86	19.71		
5	64QAM	12	13	19.93	19.83	19.94		
5	64QAM	25	0	19.92	19.82	19.90		
5	256QAM	1	0	17.91	18.08	18.06	19	5
5	256QAM	1	12	18.02	18.02	17.94		
5	256QAM	1	24	18.02	18.00	18.05		
5	256QAM	12	0	18.00	18.17	18.08	19	5
5	256QAM	12	7	18.03	17.86	18.07		
5	256QAM	12	13	17.93	17.98	18.17		
5	256QAM	25	0	18.08	18.14	18.08		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.87	22.94	22.85	24	0
3	QPSK	1	8	22.84	22.95	22.84		
3	QPSK	1	14	22.69	22.70	22.76		
3	QPSK	8	0	21.93	21.93	21.79	23	1
3	QPSK	8	4	21.80	21.91	21.71		
3	QPSK	8	7	21.85	21.89	21.79		
3	QPSK	15	0	21.83	21.86	21.83		
3	16QAM	1	0	21.69	21.79	21.87	23	1
3	16QAM	1	8	21.81	21.72	21.72		
3	16QAM	1	14	21.73	21.90	21.87		
3	16QAM	8	0	20.99	20.90	20.78	22	2
3	16QAM	8	4	20.98	20.94	20.80		
3	16QAM	8	7	20.96	20.71	21.03		
3	16QAM	15	0	20.97	20.89	20.88		
3	64QAM	1	0	21.02	20.74	20.92	22	2
3	64QAM	1	8	20.88	20.78	20.94		
3	64QAM	1	14	20.84	20.95	20.72		
3	64QAM	8	0	19.82	19.87	19.99	21	3
3	64QAM	8	4	19.76	19.80	19.81		
3	64QAM	8	7	19.88	19.70	19.92		
3	64QAM	15	0	19.84	19.84	19.93		
3	256QAM	1	0	17.96	18.07	18.09	19	5
3	256QAM	1	8	18.18	18.07	18.01		
3	256QAM	1	14	17.91	18.05	17.96		
3	256QAM	8	0	17.99	18.03	18.06	19	5
3	256QAM	8	4	18.08	17.97	18.01		
3	256QAM	8	7	17.99	18.07	18.06		
3	256QAM	15	0	18.08	18.11	17.94		
Channel				26667	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.91	22.90	22.85	24	0
1.4	QPSK	1	3	22.83	22.84	22.91		
1.4	QPSK	1	5	22.83	22.67	22.90		
1.4	QPSK	3	0	22.93	22.93	22.86		
1.4	QPSK	3	1	22.85	22.99	22.82		
1.4	QPSK	3	3	22.82	22.69	22.91		
1.4	QPSK	6	0	21.87	21.98	21.77	23	1
1.4	16QAM	1	0	21.79	21.81	21.80	23	1
1.4	16QAM	1	3	21.67	21.86	21.73		
1.4	16QAM	1	5	21.64	21.95	21.85		
1.4	16QAM	3	0	21.83	21.97	21.80		
1.4	16QAM	3	1	21.72	21.87	21.73		
1.4	16QAM	3	3	21.91	21.81	21.86		
1.4	16QAM	6	0	20.87	20.84	21.02	22	2
1.4	64QAM	1	0	20.97	20.86	20.80	22	2
1.4	64QAM	1	3	20.91	20.81	20.92		
1.4	64QAM	1	5	20.94	20.98	20.72		
1.4	64QAM	3	0	20.87	20.76	20.82		
1.4	64QAM	3	1	20.90	20.99	20.75		
1.4	64QAM	3	3	20.93	20.80	20.95		
1.4	64QAM	6	0	19.84	19.76	19.95	21	3
1.4	256QAM	1	0	18.01	18.04	18.03	19	5
1.4	256QAM	1	3	18.17	18.03	17.94		
1.4	256QAM	1	5	18.04	18.08	18.06		
1.4	256QAM	3	0	18.01	18.11	18.05		
1.4	256QAM	3	1	18.19	17.97	18.03		
1.4	256QAM	3	3	18.03	17.96	18.18		
1.4	256QAM	6	0	18.05	18.13	18.04	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	16.50	16.54	16.41	17.7	0
20	QPSK	1	49	16.45	16.33	16.33		
20	QPSK	1	99	16.28	16.43	16.36		
20	QPSK	50	0	16.35	16.51	16.46		
20	QPSK	50	24	16.14	16.31	16.20		
20	QPSK	50	50	16.19	16.42	16.31		
20	QPSK	100	0	16.28	16.35	16.33		
20	16QAM	1	0	16.30	16.47	16.42		
20	16QAM	1	49	16.28	16.24	16.37	17.7	0
20	16QAM	1	99	16.23	16.20	16.26		
20	16QAM	50	0	16.42	16.36	16.08		
20	16QAM	50	24	16.26	16.35	16.18		
20	16QAM	50	50	16.25	16.28	16.15		
20	16QAM	100	0	16.25	16.26	16.29		
20	64QAM	1	0	16.23	16.35	16.38		
20	64QAM	1	49	16.25	16.20	16.11	17.7	0
20	64QAM	1	99	16.18	16.11	16.17		
20	64QAM	50	0	16.35	16.50	16.45		
20	64QAM	50	24	16.25	16.29	16.31		
20	64QAM	50	50	16.35	16.38	16.27		
20	64QAM	100	0	16.20	16.27	16.41		
20	256QAM	1	0	16.31	16.27	16.42		
20	256QAM	1	49	16.08	16.28	16.22	17.7	0
20	256QAM	1	99	16.30	16.33	16.14		
20	256QAM	50	0	16.40	16.39	16.39		
20	256QAM	50	24	16.23	16.38	16.26	17.7	0
20	256QAM	50	50	16.18	16.39	16.29		
20	256QAM	100	0	16.25	16.28	16.29		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.43	16.46	16.37	17.7	0
15	QPSK	1	37	16.43	16.30	16.18		
15	QPSK	1	74	16.10	16.24	16.19		
15	QPSK	36	0	16.20	16.34	16.27		
15	QPSK	36	20	15.97	16.28	16.14		
15	QPSK	36	39	16.18	16.34	16.22		
15	QPSK	75	0	16.24	16.16	16.33		
15	16QAM	1	0	16.22	16.27	16.29	17.7	0
15	16QAM	1	37	16.23	16.14	16.25		
15	16QAM	1	74	16.04	16.15	16.13		
15	16QAM	36	0	16.28	16.18	16.06	17.7	0
15	16QAM	36	20	16.13	16.16	16.14		
15	16QAM	36	39	16.14	16.19	16.04		
15	16QAM	75	0	16.07	16.08	16.22		
15	64QAM	1	0	16.18	16.25	16.22	17.7	0
15	64QAM	1	37	16.24	16.18	16.03		
15	64QAM	1	74	16.00	16.04	15.98		
15	64QAM	36	0	16.31	16.46	16.43	17.7	0
15	64QAM	36	20	16.24	16.25	16.14		
15	64QAM	36	39	16.29	16.36	16.09		
15	64QAM	75	0	16.02	16.17	16.29		
15	256QAM	1	0	16.25	16.19	16.23	17.7	0
15	256QAM	1	37	16.01	16.09	16.15		
15	256QAM	1	74	16.20	16.23	15.98		
15	256QAM	36	0	16.39	16.35	16.33	17.7	0
15	256QAM	36	20	16.06	16.21	16.13		
15	256QAM	36	39	16.15	16.20	16.29		
15	256QAM	75	0	16.19	16.21	16.20		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.32	16.45	16.29	17.7	0
10	QPSK	1	25	16.36	16.31	16.27		
10	QPSK	1	49	16.14	16.32	16.34		
10	QPSK	25	0	16.23	16.31	16.38	17.7	0
10	QPSK	25	12	16.02	16.13	16.05		
10	QPSK	25	25	16.13	16.28	16.27		
10	QPSK	50	0	16.13	16.27	16.28		
10	16QAM	1	0	16.25	16.33	16.36	17.7	0
10	16QAM	1	25	16.13	16.17	16.35		
10	16QAM	1	49	16.15	16.19	16.23		
10	16QAM	25	0	16.27	16.24	16.04	17.7	0
10	16QAM	25	12	16.14	16.35	16.00		
10	16QAM	25	25	16.20	16.25	16.14		
10	16QAM	50	0	16.15	16.22	16.15		
10	64QAM	1	0	16.22	16.34	16.33	17.7	0
10	64QAM	1	25	16.06	16.16	15.91		
10	64QAM	1	49	16.07	16.10	15.97		
10	64QAM	25	0	16.21	16.48	16.45	17.7	0
10	64QAM	25	12	16.18	16.21	16.11		
10	64QAM	25	25	16.32	16.33	16.18		
10	64QAM	50	0	16.07	16.13	16.34	17.7	0
10	256QAM	1	0	16.11	16.12	16.26		
10	256QAM	1	25	16.00	16.21	16.09		
10	256QAM	1	49	16.28	16.23	16.00		
10	256QAM	25	0	16.26	16.34	16.21	17.7	0
10	256QAM	25	12	16.10	16.35	16.08		
10	256QAM	25	25	16.09	16.38	16.28		
10	256QAM	50	0	16.06	16.20	16.13		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.31	16.42	16.38	17.7	0
5	QPSK	1	12	16.36	16.33	16.15		
5	QPSK	1	24	16.24	16.27	16.35		
5	QPSK	12	0	16.29	16.45	16.41	17.7	0
5	QPSK	12	7	16.05	16.15	16.17		
5	QPSK	12	13	16.08	16.27	16.26		
5	QPSK	25	0	16.25	16.18	16.15		
5	16QAM	1	0	16.29	16.35	16.34	17.7	0
5	16QAM	1	12	16.28	16.13	16.27		
5	16QAM	1	24	16.11	16.08	16.12		
5	16QAM	12	0	16.41	16.34	16.01	17.7	0
5	16QAM	12	7	16.10	16.16	16.10		
5	16QAM	12	13	16.17	16.28	15.95		
5	16QAM	25	0	16.05	16.08	16.13		
5	64QAM	1	0	16.17	16.22	16.20	17.7	0
5	64QAM	1	12	16.23	16.09	16.02		
5	64QAM	1	24	16.03	16.09	16.09		
5	64QAM	12	0	16.17	16.42	16.41	17.7	0
5	64QAM	12	7	16.23	16.13	16.27		
5	64QAM	12	13	16.22	16.35	16.15		
5	64QAM	25	0	16.03	16.10	16.29	17.7	0
5	256QAM	1	0	16.27	16.08	16.36		
5	256QAM	1	12	16.03	16.26	16.08		
5	256QAM	1	24	16.22	16.25	16.09		
5	256QAM	12	0	16.31	16.28	16.23	17.7	0
5	256QAM	12	7	16.23	16.37	16.21		
5	256QAM	12	13	16.04	16.35	16.18		
5	256QAM	25	0	16.24	16.10	16.09		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.38	16.41	16.26	17.7	0
3	QPSK	1	8	16.26	16.29	16.30		
3	QPSK	1	14	16.16	16.29	16.26		
3	QPSK	8	0	16.32	16.42	16.43	17.7	0
3	QPSK	8	4	16.07	16.12	16.04		
3	QPSK	8	7	16.14	16.26	16.21		
3	QPSK	15	0	16.25	16.24	16.17	17.7	0
3	16QAM	1	0	16.12	16.32	16.35		
3	16QAM	1	8	16.18	16.22	16.35		
3	16QAM	1	14	16.12	16.12	16.13		
3	16QAM	8	0	16.24	16.16	15.93	17.7	0
3	16QAM	8	4	16.26	16.24	16.03		
3	16QAM	8	7	16.12	16.19	16.00		
3	16QAM	15	0	16.23	16.17	16.09	17.7	0
3	64QAM	1	0	16.04	16.19	16.19		
3	64QAM	1	8	16.12	16.18	16.11		
3	64QAM	1	14	16.07	16.00	16.04		
3	64QAM	8	0	16.32	16.40	16.36	17.7	0
3	64QAM	8	4	16.11	16.21	16.13		
3	64QAM	8	7	16.35	16.23	16.07		
3	64QAM	15	0	16.05	16.24	16.35	17.7	0
3	256QAM	1	0	16.24	16.26	16.39		
3	256QAM	1	8	16.00	16.27	16.04		
3	256QAM	1	14	16.14	16.17	16.06		
3	256QAM	8	0	16.37	16.24	16.33	17.7	0
3	256QAM	8	4	16.14	16.28	16.16		
3	256QAM	8	7	16.02	16.25	16.21		
3	256QAM	15	0	16.11	16.16	16.16		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.30	16.43	16.24	17.7	0
1.4	QPSK	1	3	16.41	16.32	16.19		
1.4	QPSK	1	5	16.14	16.32	16.23		
1.4	QPSK	3	0	16.20	16.40	16.38		
1.4	QPSK	3	1	16.04	16.20	16.14		
1.4	QPSK	3	3	16.12	16.31	16.13		
1.4	QPSK	6	0	16.14	16.21	16.14	17.7	0
1.4	16QAM	1	0	16.28	16.47	16.27	17.7	0
1.4	16QAM	1	3	16.16	16.05	16.20		
1.4	16QAM	1	5	16.21	16.04	16.08		
1.4	16QAM	3	0	16.39	16.23	15.90		
1.4	16QAM	3	1	16.12	16.29	16.14		
1.4	16QAM	3	3	16.13	16.25	16.09		
1.4	16QAM	6	0	16.07	16.12	16.14	17.7	0
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	19.21	19.32	19.14	20.4	0
20	QPSK	1	49	19.22	19.10	19.05		
20	QPSK	1	99	19.17	19.30	19.11		
20	QPSK	50	0	19.20	19.23	19.22	20.4	0
20	QPSK	50	24	18.90	19.16	19.15		
20	QPSK	50	50	19.11	19.06	19.08		
20	QPSK	100	0	19.11	19.16	19.04		
20	16QAM	1	0	19.08	19.23	19.31	20.4	0
20	16QAM	1	49	19.13	19.12	19.12		
20	16QAM	1	99	18.98	19.03	19.07		
20	16QAM	50	0	19.09	19.05	18.84	20.4	0
20	16QAM	50	24	19.06	19.16	18.95		
20	16QAM	50	50	19.06	19.11	18.92		
20	16QAM	100	0	19.12	18.94	18.98		
20	64QAM	1	0	18.95	19.04	19.11	20.4	0
20	64QAM	1	49	18.97	18.98	18.96		
20	64QAM	1	99	18.97	18.97	18.89		
20	64QAM	50	0	19.09	19.22	19.21	20.4	0
20	64QAM	50	24	19.05	19.06	19.09		
20	64QAM	50	50	19.12	19.10	19.00		
20	64QAM	100	0	19.05	19.07	19.17		
20	256QAM	1	0	18.02	18.09	17.97	19	1.4
20	256QAM	1	49	17.89	18.04	17.84		
20	256QAM	1	99	17.90	18.15	17.80		
20	256QAM	50	0	18.09	18.13	18.02	19	1.4
20	256QAM	50	24	17.98	17.74	18.15		
20	256QAM	50	50	17.98	17.81	18.06		
20	256QAM	100	0	18.05	17.96	18.12		
Channel				37825	38000	38173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.07	19.29	19.05	20.4	0
15	QPSK	1	37	19.04	19.10	18.87		
15	QPSK	1	74	18.99	19.11	19.00		
15	QPSK	36	0	19.20	19.20	19.10	20.4	0
15	QPSK	36	20	18.84	19.05	19.03		
15	QPSK	36	39	19.04	18.90	18.92		
15	QPSK	75	0	19.01	18.95	18.85		
15	16QAM	1	0	18.96	19.22	19.27	20.4	0
15	16QAM	1	37	19.09	19.10	19.09		
15	16QAM	1	74	18.79	19.00	19.03		
15	16QAM	36	0	19.07	18.86	18.74	20.4	0
15	16QAM	36	20	18.93	19.06	18.88		
15	16QAM	36	39	19.03	19.01	18.84		
15	16QAM	75	0	19.03	18.84	18.89		
15	64QAM	1	0	18.81	19.03	19.01	20.4	0
15	64QAM	1	37	18.86	18.91	18.89		
15	64QAM	1	74	18.93	18.77	18.78		
15	64QAM	36	0	19.07	19.08	19.17	20.4	0
15	64QAM	36	20	18.85	19.00	18.98		
15	64QAM	36	39	19.01	18.90	18.91		
15	64QAM	75	0	19.04	18.94	19.12		
15	256QAM	1	0	17.97	17.99	17.86	19	1.4
15	256QAM	1	37	17.77	17.93	17.70		
15	256QAM	1	74	17.91	18.02	17.74		
15	256QAM	36	0	17.89	18.14	17.89	19	1.4
15	256QAM	36	20	17.98	17.74	18.09		
15	256QAM	36	39	17.76	17.70	18.04		
15	256QAM	75	0	17.86	17.77	18.10		
Channel				37550	38000	38220	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.09	19.20	19.04	20.4	0
10	QPSK	1	25	19.12	18.91	18.91		
10	QPSK	1	49	18.97	19.15	19.10		
10	QPSK	25	0	19.09	19.07	19.10	20.4	0
10	QPSK	25	12	18.72	18.99	19.12		
10	QPSK	25	25	19.09	19.01	19.07		
10	QPSK	50	0	19.08	18.97	18.87		
10	16QAM	1	0	19.00	19.17	19.24	20.4	0
10	16QAM	1	25	19.02	19.00	18.96		
10	16QAM	1	49	18.79	18.98	18.99		
10	16QAM	25	0	19.05	19.05	18.82	20.4	0
10	16QAM	25	12	19.01	18.98	18.92		
10	16QAM	25	25	18.88	19.07	18.92		
10	16QAM	50	0	19.04	18.77	18.85		
10	64QAM	1	0	18.88	18.90	18.98	20.4	0
10	64QAM	1	25	18.93	18.96	18.84		
10	64QAM	1	49	18.91	18.83	18.77		
10	64QAM	25	0	19.06	19.17	19.06	20.4	0
10	64QAM	25	12	18.97	19.02	18.91		
10	64QAM	25	25	19.09	19.04	18.93		
10	64QAM	50	0	18.91	19.00	19.09		
10	256QAM	1	0	18.01	17.92	17.78	19	1.4
10	256QAM	1	25	17.83	17.84	17.86		
10	256QAM	1	49	17.89	18.15	17.65		
10	256QAM	25	0	17.98	18.07	17.82	19	1.4
10	256QAM	25	12	17.95	17.70	18.07		
10	256QAM	25	25	17.77	17.83	17.94		
10	256QAM	50	0	18.01	17.92	18.11		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.10	19.30	19.03	20.4	0
5	QPSK	1	12	19.08	19.08	19.04		
5	QPSK	1	24	19.10	19.25	19.08		
5	QPSK	12	0	19.02	19.09	19.15	20.4	0
5	QPSK	12	7	18.86	19.07	19.02		
5	QPSK	12	13	19.01	18.96	18.98		
5	QPSK	25	0	19.04	19.04	19.00		
5	16QAM	1	0	18.93	19.20	19.16	20.4	0
5	16QAM	1	12	19.11	19.08	19.10		
5	16QAM	1	24	18.96	18.83	18.93		
5	16QAM	12	0	19.05	19.04	18.65	20.4	0
5	16QAM	12	7	19.04	19.01	18.94		
5	16QAM	12	13	18.99	18.96	18.89		
5	16QAM	25	0	19.01	18.92	18.93		
5	64QAM	1	0	18.83	18.96	19.00	20.4	0
5	64QAM	1	12	18.79	18.85	18.91		
5	64QAM	1	24	18.96	18.90	18.77		
5	64QAM	12	0	18.90	19.10	19.12	20.4	0
5	64QAM	12	7	18.85	18.95	18.93		
5	64QAM	12	13	19.01	19.00	18.80		
5	64QAM	25	0	18.98	18.96	19.00		
5	256QAM	1	0	17.85	18.07	17.95	19	1.4
5	256QAM	1	12	17.90	18.02	17.69		
5	256QAM	1	24	17.71	18.04	17.75		
5	256QAM	12	0	18.00	17.98	18.04	19	1.4
5	256QAM	12	7	17.89	17.74	18.02		
5	256QAM	12	13	17.97	17.63	17.86		
5	256QAM	25	0	17.87	17.75	18.12		

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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	21.25	21.23	21.29	21.15	21.12	22.1	0
20	QPSK	1	49	21.04	21.16	21.06	21.12	20.91		
20	QPSK	1	99	21.09	20.95	21.15	21.09	21.00		
20	QPSK	50	0	21.17	21.04	21.24	21.16	21.13	22.1	0
20	QPSK	50	24	20.91	20.88	21.11	20.98	21.06		
20	QPSK	50	50	20.96	21.01	21.03	21.04	20.83		
20	QPSK	100	0	21.04	20.95	21.09	20.90	20.93		
20	16QAM	1	0	20.99	20.90	21.07	21.02	20.91	22.1	0
20	16QAM	1	49	20.75	20.99	20.90	21.10	20.70		
20	16QAM	1	99	20.98	20.80	21.01	21.06	20.93		
20	16QAM	50	0	20.19	20.07	20.51	20.22	20.47	22	0.1
20	16QAM	50	24	20.07	20.20	20.54	20.12	20.44		
20	16QAM	50	50	20.10	20.19	20.49	20.20	20.34		
20	16QAM	100	0	20.25	20.15	20.35	20.29	20.32		
20	64QAM	1	0	20.27	20.21	20.52	20.08	20.51	22	0.1
20	64QAM	1	49	20.12	20.11	20.49	20.06	20.28		
20	64QAM	1	99	20.25	20.28	20.38	20.28	20.32		
20	64QAM	50	0	19.19	19.16	19.32	19.10	19.42	21	1.1
20	64QAM	50	24	19.20	19.18	19.42	19.19	19.37		
20	64QAM	50	50	19.16	19.27	19.53	19.08	19.29		
20	64QAM	100	0	19.20	19.13	19.48	19.09	19.50		
20	256QAM	1	0	17.25	17.07	17.40	17.25	17.39	19	3.1
20	256QAM	1	49	17.15	17.27	17.34	17.16	17.52		
20	256QAM	1	99	17.16	17.08	17.34	17.07	17.33		
20	256QAM	50	0	17.06	17.13	17.36	17.21	17.29	19	3.1
20	256QAM	50	24	17.25	17.07	17.45	17.07	17.47		
20	256QAM	50	50	17.24	17.07	17.34	17.15	17.46		
20	256QAM	100	0	17.22	17.08	17.36	17.10	17.29		
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	21.16	21.17	21.26	21.03	20.95	22.10	0
15	QPSK	1	37	20.94	20.97	21.05	21.01	20.91		
15	QPSK	1	74	20.98	20.95	21.06	21.06	20.94		
15	QPSK	36	0	21.09	20.90	21.22	20.99	21.04	22.1	0
15	QPSK	36	20	20.90	20.86	21.08	20.78	20.90		
15	QPSK	36	39	20.93	20.90	20.93	20.98	20.81		
15	QPSK	75	0	20.87	20.80	21.07	20.80	20.80		
15	16QAM	1	0	20.97	20.83	20.98	20.89	20.81	22.1	0
15	16QAM	1	37	20.56	20.90	20.86	20.92	20.63		
15	16QAM	1	74	20.97	20.68	20.86	20.96	20.77		
15	16QAM	36	0	20.15	20.04	20.50	20.21	20.39	22	0.1
15	16QAM	36	20	20.13	20.11	20.49	20.08	20.41		
15	16QAM	36	39	20.08	20.27	20.44	20.30	20.40		
15	16QAM	75	0	20.29	20.14	20.35	20.39	20.34		
15	64QAM	1	0	20.22	20.23	20.46	20.13	20.45	22	0.1
15	64QAM	1	37	20.07	20.01	20.43	20.06	20.29		
15	64QAM	1	74	20.19	20.35	20.29	20.20	20.27		
15	64QAM	36	0	19.11	19.18	19.23	19.32	19.34	21	1.1
15	64QAM	36	20	19.16	19.15	19.50	19.28	19.40		
15	64QAM	36	39	19.14	19.20	19.61	19.50	19.31		
15	64QAM	75	0	19.22	19.34	19.42	19.51	19.59		
15	256QAM	1	0	17.21	17.06	17.46	17.26	17.48	19	3.1
15	256QAM	1	37	17.19	17.34	17.35	17.25	17.43		
15	256QAM	1	74	17.18	17.15	17.27	17.12	17.35		
15	256QAM	36	0	17.02	17.04	17.30	17.13	17.25	19	3.1
15	256QAM	36	20	17.27	17.27	17.41	17.14	17.43		
15	256QAM	36	39	17.29	17.02	17.28	17.10	17.46		
15	256QAM	75	0	17.17	17.07	17.42	17.18	17.22		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.06	21.21	21.24	20.99	21.00	22.10	0
10	QPSK	1	25	21.00	21.11	21.04	20.93	20.91		
10	QPSK	1	49	20.93	20.84	21.15	21.08	20.91		
10	QPSK	25	0	21.14	21.01	21.09	21.11	21.01	22.1	0
10	QPSK	25	12	20.91	20.73	21.00	20.98	21.04		
10	QPSK	25	25	20.89	20.86	21.01	20.86	20.74		
10	QPSK	50	0	21.01	20.80	21.08	20.77	20.75		
10	16QAM	1	0	20.82	20.85	20.98	20.85	20.89	22.1	0
10	16QAM	1	25	20.56	20.90	20.73	20.92	20.51		
10	16QAM	1	49	20.91	20.77	20.97	21.01	20.76		
10	16QAM	25	0	20.21	20.47	20.58	20.26	20.45	22	0.1
10	16QAM	25	12	20.52	20.54	20.45	20.54	20.39		
10	16QAM	25	25	20.48	20.61	20.53	20.52	20.38		
10	16QAM	50	0	20.30	20.06	20.45	20.31	20.33		
10	64QAM	1	0	20.36	20.45	20.52	20.15	20.59	22	0.1
10	64QAM	1	25	20.46	20.49	20.55	20.50	20.26		
10	64QAM	1	49	20.35	20.30	20.32	20.30	20.39		
10	64QAM	25	0	19.16	19.22	19.23	19.13	19.47	21	1.1
10	64QAM	25	12	19.13	19.14	19.51	19.16	19.31		
10	64QAM	25	25	19.21	19.21	19.61	19.15	19.36		
10	64QAM	50	0	19.14	19.17	19.46	19.21	19.57		
10	256QAM	1	0	17.19	17.16	17.42	17.31	17.39	19	3.1
10	256QAM	1	25	17.16	17.33	17.33	17.43	17.53		
10	256QAM	1	49	17.28	17.26	17.27	17.41	17.34		
10	256QAM	25	0	17.06	17.21	17.42	17.14	17.20	19	3.1
10	256QAM	25	12	17.21	17.11	17.40	17.17	17.49		
10	256QAM	25	25	17.16	17.05	17.33	17.11	17.53		
10	256QAM	50	0	17.30	17.12	17.42	17.17	17.29		
Channel				39675	40135	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.13	21.19	21.20	21.01	21.08	22.10	0
5	QPSK	1	12	21.00	21.00	20.86	20.92	20.76		
5	QPSK	1	24	20.94	20.79	21.14	20.97	20.96		
5	QPSK	12	0	21.11	20.98	21.05	21.13	21.10	22.1	0
5	QPSK	12	7	20.89	20.73	21.05	20.88	21.05		
5	QPSK	12	13	20.83	20.99	20.84	20.89	20.76		
5	QPSK	25	0	20.96	20.86	20.96	20.80	20.91		
5	16QAM	1	0	20.90	20.76	20.93	20.84	20.80	22.1	0
5	16QAM	1	12	20.74	20.97	20.71	20.98	20.61		
5	16QAM	1	24	20.80	20.77	20.88	20.93	20.89		
5	16QAM	12	0	20.27	20.22	20.41	20.13	20.53	22	0.1
5	16QAM	12	7	20.20	20.25	20.50	20.27	20.44		
5	16QAM	12	13	20.32	20.15	20.45	20.20	20.25		
5	16QAM	25	0	20.27	20.10	20.34	20.39	20.28		
5	64QAM	1	0	20.32	20.16	20.55	20.12	20.42	22	0.1
5	64QAM	1	12	20.07	20.15	20.43	20.12	20.31		
5	64QAM	1	24	20.18	20.37	20.35	20.29	20.40		
5	64QAM	12	0	19.16	19.23	19.31	19.08	19.50	21	1.1
5	64QAM	12	7	19.19	19.28	19.49	19.25	19.41		
5	64QAM	12	13	19.18	19.19	19.55	19.10	19.33		
5	64QAM	25	0	19.24	19.21	19.43	19.12	19.57		
5	256QAM	1	0	17.18	17.14	17.41	17.34	17.39	19	3.1
5	256QAM	1	12	17.26	17.30	17.37	17.41	17.56		
5	256QAM	1	24	17.33	17.26	17.40	17.35	17.31		
5	256QAM	12	0	17.15	17.04	17.45	17.30	17.21	19	3.1
5	256QAM	12	7	17.35	17.08	17.43	17.15	17.37		
5	256QAM	12	13	17.17	17.16	17.33	17.07	17.50		
5	256QAM	25	0	17.20	17.13	17.27	17.19	17.34		

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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	22.77	22.64	22.80	22.60	22.58	23.7	0
20	QPSK	1	49	22.50	22.71	22.62	22.62	22.42		
20	QPSK	1	99	22.66	22.47	22.56	22.53	22.50		
20	QPSK	50	0	22.64	22.60	22.76	22.69	22.71	23.7	0
20	QPSK	50	24	22.47	22.59	22.68	22.60	22.56		
20	QPSK	50	50	22.56	22.55	22.54	22.62	22.48		
20	QPSK	100	0	22.62	22.49	22.72	22.56	22.49		
20	16QAM	1	0	22.49	22.39	22.50	22.55	22.43	23.7	0
20	16QAM	1	49	22.46	22.54	22.41	22.68	22.45		
20	16QAM	1	99	22.43	22.27	22.59	22.48	22.52		
20	16QAM	50	0	22.20	22.19	22.50	22.40	22.55	23.7	0
20	16QAM	50	24	22.37	22.35	22.39	22.52	22.26		
20	16QAM	50	50	22.38	22.24	22.39	22.23	22.36		
20	16QAM	100	0	22.41	22.37	22.63	22.30	22.37		
20	64QAM	1	0	22.44	22.18	22.24	22.42	22.35	23.7	0
20	64QAM	1	49	22.08	22.22	22.38	22.21	22.43		
20	64QAM	1	99	22.43	22.25	22.42	22.41	22.13		
20	64QAM	50	0	22.18	22.12	22.28	22.23	22.30	23.7	0
20	64QAM	50	24	22.26	22.17	22.31	22.17	22.17		
20	64QAM	50	50	22.30	22.12	22.15	22.28	22.30		
20	64QAM	100	0	22.13	22.31	22.18	22.12	22.32		
20	256QAM	1	0	20.20	20.16	20.23	20.20	20.13	22	1.7
20	256QAM	1	49	20.11	20.18	20.11	20.25	20.11		
20	256QAM	1	99	20.13	20.11	20.11	20.27	20.21		
20	256QAM	50	0	20.24	20.14	20.19	20.11	20.18	22	1.7
20	256QAM	50	24	20.17	20.29	20.28	20.27	20.27		
20	256QAM	50	50	20.23	20.10	20.28	20.23	20.32		
20	256QAM	100	0	20.28	20.16	20.30	20.09	20.18		
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	22.61	22.51	22.78	22.45	22.53	23.7	0
15	QPSK	1	37	22.38	22.70	22.45	22.54	22.39		
15	QPSK	1	74	22.50	22.42	22.45	22.38	22.31		
15	QPSK	36	0	22.57	22.44	22.61	22.52	22.57	23.7	0
15	QPSK	36	20	22.29	22.42	22.68	22.51	22.40		
15	QPSK	36	39	22.47	22.45	22.47	22.49	22.47		
15	QPSK	75	0	22.52	22.46	22.62	22.43	22.35		
15	16QAM	1	0	22.38	22.19	22.44	22.47	22.32	23.7	0
15	16QAM	1	37	22.30	22.43	22.29	22.61	22.28		
15	16QAM	1	74	22.26	22.22	22.48	22.45	22.47		
15	16QAM	36	0	22.04	22.02	22.33	22.36	22.37	23.7	0
15	16QAM	36	20	22.18	22.29	22.26	22.42	22.16		
15	16QAM	36	39	22.30	22.13	22.37	22.08	22.32		
15	16QAM	75	0	22.30	22.30	22.49	22.29	22.24		
15	64QAM	1	0	22.29	21.99	22.18	22.41	22.30	23.7	0
15	64QAM	1	37	22.00	22.17	22.26	22.19	22.35		
15	64QAM	1	74	22.24	22.11	22.41	22.26	22.11		
15	64QAM	36	0	22.04	21.92	22.08	22.22	22.20	23.7	0
15	64QAM	36	20	22.20	22.04	22.19	22.01	22.08		
15	64QAM	36	39	22.15	22.04	21.95	22.03	22.15		
15	64QAM	75	0	22.00	22.17	22.09	21.98	22.15		
15	256QAM	1	0	20.26	20.09	20.19	20.23	20.21	22	1.7
15	256QAM	1	37	20.07	20.13	20.09	20.22	20.14		
15	256QAM	1	74	20.11	20.16	20.09	20.36	20.29		
15	256QAM	36	0	20.20	20.21	20.10	20.08	20.13	22	1.7
15	256QAM	36	20	20.25	20.29	20.18	20.32	20.32		
15	256QAM	36	39	20.31	20.08	20.25	20.31	20.35		
15	256QAM	75	0	20.26	20.17	20.23	20.04	20.15		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.74	22.58	22.61	22.53	22.41	23.7	0
10	QPSK	1	25	22.43	22.62	22.47	22.56	22.38		
10	QPSK	1	49	22.57	22.41	22.55	22.37	22.49		
10	QPSK	25	0	22.53	22.45	22.61	22.68	22.66	23.7	0
10	QPSK	25	12	22.46	22.47	22.64	22.47	22.51		
10	QPSK	25	25	22.47	22.39	22.39	22.51	22.35		
10	QPSK	50	0	22.44	22.36	22.58	22.37	22.34		
10	16QAM	1	0	22.42	22.22	22.45	22.38	22.34	23.7	0
10	16QAM	1	25	22.29	22.34	22.21	22.57	22.27		
10	16QAM	1	49	22.36	22.20	22.51	22.41	22.42		
10	16QAM	25	0	22.15	22.02	22.30	22.30	22.38	23.7	0
10	16QAM	25	12	22.35	22.33	22.20	22.49	22.18		
10	16QAM	25	25	22.35	22.04	22.23	22.03	22.31		
10	16QAM	50	0	22.28	22.29	22.53	22.16	22.19	23.7	0
10	64QAM	1	0	22.30	22.00

Band		WCDMA II Ant 1			Tune-up Limit (dBm)	WCDMA IV Ant 1			Tune-up Limit (dBm)	WCDMA V Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	13.61	13.65	13.53	14.60	15.05	15.13	15.09	16.10	21.76	21.79	21.79	22.50
3GPP Rel 99	RMC 12.2Kbps	13.64	13.69	13.57	14.60	15.09	15.19	15.12	16.10	21.80	21.83	21.81	22.50
3GPP Rel 6	HSDPA Subtest-1	12.43	12.56	12.49	13.60	13.93	14.00	13.89	15.10	20.82	20.96	20.90	21.50
3GPP Rel 6	HSDPA Subtest-2	12.37	12.69	12.47	13.60	13.93	14.23	13.92	15.10	21.03	21.09	20.90	21.50
3GPP Rel 6	HSDPA Subtest-3	12.21	11.98	11.97	13.10	13.78	13.57	13.38	14.60	20.45	20.46	20.23	21.00
3GPP Rel 6	HSDPA Subtest-4	12.00	12.11	12.00	13.10	13.46	13.64	13.57	14.60	20.38	20.50	20.37	21.00
3GPP Rel 8	DC-HSDPA Subtest-1	12.57	12.59	12.64	13.60	14.16	14.02	14.11	15.10	20.97	20.83	20.84	21.50
3GPP Rel 8	DC-HSDPA Subtest-2	12.71	12.69	12.49	13.60	14.29	14.29	13.94	15.10	21.05	20.91	20.59	21.50
3GPP Rel 8	DC-HSDPA Subtest-3	12.21	11.98	12.18	13.10	13.61	13.44	13.68	14.60	20.58	20.49	20.21	21.00
3GPP Rel 8	DC-HSDPA Subtest-4	12.03	12.12	12.08	13.10	13.61	13.54	13.58	14.60	20.29	20.49	20.22	21.00
3GPP Rel 6	HSUPA Subtest-1	12.73	12.63	12.59	13.60	14.24	14.20	14.07	15.10	21.05	20.90	20.84	21.50
3GPP Rel 6	HSUPA Subtest-2	10.42	10.73	10.51	11.60	12.00	12.17	11.91	13.10	18.78	19.06	19.03	19.50
3GPP Rel 6	HSUPA Subtest-3	11.65	11.56	11.50	12.60	13.08	13.16	12.98	14.10	20.07	20.00	19.74	20.50
3GPP Rel 6	HSUPA Subtest-4	10.50	10.41	10.44	11.60	12.00	12.01	11.90	13.10	18.85	18.87	18.97	19.50
3GPP Rel 6	HSUPA Subtest-5	12.67	12.53	12.74	13.60	14.17	14.04	14.26	15.10	20.87	20.81	20.79	21.50

Band 2 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	13.92	13.97	13.74	15.6	0
20	QPSK	1	49	13.85	13.67	13.68		
20	QPSK	1	99	13.71	13.84	13.77		
20	QPSK	50	0	13.86	13.91	13.87		
20	QPSK	50	24	13.82	13.87	13.80		
20	QPSK	50	50	13.73	13.78	13.68		
20	QPSK	100	0	13.78	13.82	13.72		
20	16QAM	1	0	13.61	13.93	13.83		
20	16QAM	1	49	13.69	13.74	13.74	15.6	0
20	16QAM	1	99	13.67	13.73	13.71		
20	16QAM	50	0	13.69	13.68	13.67		
20	16QAM	50	24	13.62	13.70	13.72	15.6	0
20	16QAM	50	50	13.74	13.81	13.76		
20	16QAM	100	0	13.65	13.69	13.68		
20	64QAM	1	0	13.61	13.73	13.68		
20	64QAM	1	49	13.74	13.77	13.70	15.6	0
20	64QAM	1	99	13.67	13.72	13.64		
20	64QAM	50	0	13.86	13.82	13.87		
20	64QAM	50	24	13.75	13.79	13.73	15.6	0
20	64QAM	50	50	13.71	13.75	13.69		
20	64QAM	100	0	13.66	13.85	13.78		
20	256QAM	1	0	13.83	13.89	13.77		
20	256QAM	1	49	13.81	13.86	13.80	15.6	0
20	256QAM	1	99	13.70	13.82	13.71		
20	256QAM	50	0	13.82	13.84	13.80		
20	256QAM	50	24	13.64	13.85	13.77	15.6	0
20	256QAM	50	50	13.69	13.74	13.73		
20	256QAM	100	0	13.64	13.70	13.69		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.84	13.88	13.65		
15	QPSK	1	37	13.86	13.60	13.70	15.6	0
15	QPSK	1	74	13.72	13.88	13.80		
15	QPSK	36	0	13.81	13.82	13.88		
15	QPSK	36	20	13.77	13.91	13.73		
15	QPSK	36	39	13.72	13.88	13.71	15.6	0
15	QPSK	75	0	13.77	13.85	13.66		
15	16QAM	1	0	13.62	13.89	13.85		
15	16QAM	1	37	13.74	13.74	13.84	15.6	0
15	16QAM	1	74	13.63	13.70	13.64		
15	16QAM	36	0	13.71	13.61	13.69		
15	16QAM	36	20	13.64	13.67	13.69	15.6	0
15	16QAM	36	39	13.77	13.72	13.86		
15	16QAM	75	0	13.75	13.76	13.74		
15	64QAM	1	0	13.61	13.65	13.70		
15	64QAM	1	37	13.76	13.70	13.63	15.6	0
15	64QAM	1	74	13.73	13.78	13.66		
15	64QAM	36	0	13.94	13.77	13.86		
15	64QAM	36	20	13.69	13.79	13.66	15.6	0
15	64QAM	36	39	13.74	13.76	13.76		
15	64QAM	75	0	13.61	13.81	13.85		
15	256QAM	1	0	13.85	13.91	13.79		
15	256QAM	1	37	13.84	13.92	13.75	15.6	0
15	256QAM	1	74	13.68	13.90	13.80		
15	256QAM	36	0	13.74	13.86	13.87		
15	256QAM	36	20	13.73	13.90	13.69	15.6	0
15	256QAM	36	39	13.70	13.81	13.67		
15	256QAM	75	0	13.67	13.60	13.60		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	13.88	13.89	13.65	15.6	0
10	QPSK	1	25	13.76	13.70	13.67		
10	QPSK	1	49	13.69	13.88	13.87		
10	QPSK	25	0	13.81	13.87	13.79		
10	QPSK	25	12	13.87	13.91	13.83	15.6	0
10	QPSK	25	25	13.66	13.79	13.69		
10	QPSK	50	0	13.69	13.83	13.72		
10	16QAM	1	0	13.66	13.83	13.78		
10	16QAM	1	25	13.72	13.69	13.81	15.6	0
10	16QAM	1	49	13.62	13.70	13.78		
10	16QAM	25	0	13.64	13.60	13.72		
10	16QAM	25	12	13.60	13.63	13.62	15.6	0
10	16QAM	25	25	13.67	13.89	13.86		
10	16QAM	50	0	13.66	13.78	13.70		
10	64QAM	1	0	13.60	13.82	13.76		
10	64QAM	1	25	13.65	13.72	13.65	15.6	0
10	64QAM	1	49	13.64	13.80	13.70		
10	64QAM	25	0	13.85	13.78	13.85		
10	64QAM	25	12	13.79	13.71	13.72	15.6	0
10	64QAM	25	25	13.70	13.74	13.61		
10	64QAM	50	0	13.76	13.84	13.78		
10	256QAM	1	0	13.88	13.94	13.85		
10	256QAM	1	25	13.75	13.89	13.82	15.6	0
10	256QAM	1	49	13.71	13.87	13.70		
10	256QAM	25	0	13.80	13.80	13.85		
10	256QAM	25	12	13.69	13.75	13.86	15.6	0
10	256QAM	25	25	13.61	13.76	13.67		
10	256QAM	50	0	13.65	13.75	13.61		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	13.86	13.95	13.73	15.6	0
5	QPSK	1	12	13.85	13.67	13.63		
5	QPSK	1	24	13.68	13.77	13.70		
5	QPSK	12	0	13.81	13.90	13.75		
5	QPSK	12	7	13.83	13.96	13.87	15.6	0
5	QPSK	12	13	13.69	13.80	13.63		
5	QPSK	25	0	13.78	13.80	13.72		
5	16QAM	1	0	13.65	13.89	13.86		
5	16QAM	1	12	13.65	13.83	13.65	15.6	0
5	16QAM	1	24	13.65	13.80	13.69		
5	16QAM	12	0	13.77	13.67	13.70		
5	16QAM	12	7	13.61	13.71	13.65	15.6	0
5	16QAM	12	13	13.79	13.81	13.70		
5	16QAM	25	0	13.70	13.74	13.66		
5	64QAM	1	0	13.62	13.72	13.72		
5	64QAM	1	12	13.71	13.75	13.72	15.6	0
5	64QAM	1	24	13.60	13.72	13.73		
5	64QAM	12	0	13.91	13.82	13.82		
5	64QAM	12	7	13.73	13.87	13.68	15.6	0
5	64QAM	12	13	13.76	13.71	13.77		
5	64QAM	25	0	13.71	13.78	13.74		
5	256QAM	1	0	13.77	13.79	13.82		
5	256QAM	1	12	13.76	13.77	13.74	15.6	0
5	256QAM	1	24	13.66	13.92	13.82		
5	256QAM	12	0	13.89	13.85	13.82		
5	256QAM	12	7	13.67	13.80	13.71	15.6	0
5	256QAM	12	13	13.68	13.81	13.74		
5	256QAM	25	0	13.61	13.70	13.67		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.82	13.88	13.69	15.6	0
3	QPSK	1	8	13.79	13.67	13.61		
3	QPSK	1	14	13.69	13.78	13.80		
3	QPSK	8	0	13.88	13.96	13.86		
3	QPSK	8	4	13.74	13.87	13.72	15.6	0
3	QPSK	8	7	13.80	13.74	13.68		
3	QPSK	15	0	13.83	13.76	13.76		
3	16QAM	1	0	13.69	13.92	13.84		
3	16QAM	1	8	13.76	13.69	13.74	15.6	0
3	16QAM	1	14	13.75	13.78	13.80		
3	16QAM	8	0	13.61	13.69	13.83		
3	16QAM	8	4	13.60	13.69	13.63	15.6	0
3	16QAM	8	7	13.83	13.81	13.70		
3	16QAM	15	0	13.71	13.79	13.61		
3	64QAM	1	0	13.60	13.79	13.65		
3	64QAM	1	8	13.82	13.68	13.72	15.6	0
3	64QAM	1	14	13.77	13.78	13.62		
3	64QAM	8	0	13.91	13.79	13.85		
3	64QAM	8	4	13.83	13.76	13.76	15.6	0
3	64QAM	8	7	13.79	13.67	13.68		
3	64QAM	15	0	13.72	13.85	13.70		
3	256QAM	1	0	13.76	13.88	13.72		
3	256QAM	1	8	13.81	13.76	13.71	15.6	0
3	256QAM	1	14	13.62	13.80	13.69		
3	256QAM	8	0	13.80	13.82	13.76		
3	256QAM	8	4	13.77	13.81	13.71	15.6	0
3	256QAM	8	7	13.75	13.66	13.72		
3	256QAM	15	0	13.68	13.66	13.69		
Channel				18607	18350	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.84	13.95	13.74	15.6	0
1.4	QPSK	1	3	13.69	13.68	13.63		
1.4	QPSK	1	5	13.69	13.65	13.61		
1.4	QPSK	3	0	13.67	13.89	13.69		
1.4	QPSK	3	1	13.68	13.81	13.70		
1.4	QPSK	3	3	13.65	13.71	13.67		
1.4	QPSK	6	0	13.72	13.64	13.72	15.6	0
1.4	16QAM	1	0	13.72	13.88	13.86	15.6	0
1.4	16QAM	1	3	13.67	13.74	13.79		
1.4	16QAM	1	5	13.64	13.82	13.66		
1.4	16QAM	3	0	13.72	13.65	13.64		
1.4	16QAM	3	1	13.65	13.64	13.67		
1.4	16QAM	3	3	13.75	13.77	13.69		
1.4	16QAM	6	0	13.68	13.71	13.62	15.6	0
1.4	64QAM	1	0	13.65	13.66	13.76	15.6	0
1.4	64QAM	1	3	13.81	13.85	13.73		
1.4	64QAM	1	5	13.74	13.70	13.66		
1.4	64QAM	3	0	13.93	13.74	13.93		
1.4	64QAM	3	1	13.69	13.81	13.65		
1.4	64QAM	3	3	13.65	13.76	13.69		
1.4	64QAM	6	0	13.74	13.95	13.70	15.6	0
1.4	256QAM	1	0	13.89	13.91	13.76	15.6	0
1.4	256QAM	1	3	13.73	13.90	13.72		
1.4	256QAM	1	5	13.69	13.77	13.74		
1.4	256QAM	3	0	13.76	13.86	13.82		
1.4	256QAM	3	1	13.72	13.85	13.68		
1.4	256QAM	3	3	13.68	13.80	13.74		
1.4	256QAM	6	0	13.68	13.71	13.66	15.6	0

Band 4 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	13.54	13.71	13.64	15.2	0
20	QPSK	1	49	13.33	13.61	13.58		
20	QPSK	1	99	13.27	13.59	13.47		
20	QPSK	50	0	13.38	13.59	13.56		
20	QPSK	50	24	13.36	13.43	13.43		
20	QPSK	50	50	13.44	13.48	13.52		
20	QPSK	100	0	13.39	13.57	13.55		
20	16QAM	1	0	13.36	13.62	13.42		
20	16QAM	1	49	13.39	13.59	13.49	15.2	0
20	16QAM	1	99	13.36	13.62	13.50		
20	16QAM	50	0	13.27	13.59	13.51		
20	16QAM	50	24	13.39	13.52	13.46	15.2	0
20	16QAM	50	50	13.44	13.38	13.55		
20	16QAM	100	0	13.45	13.45	13.64		
20	64QAM	1	0	13.41	13.52	13.51		
20	64QAM	1	49	13.45	13.66	13.47	15.2	0
20	64QAM	1	99	13.42	13.45	13.44		
20	64QAM	50	0	13.48	13.43	13.51		
20	64QAM	50	24	13.42	13.43	13.51	15.2	0
20	64QAM	50	50	13.49	13.46	13.57		
20	64QAM	100	0	13.57	13.54	13.44		
20	256QAM	1	0	13.51	13.53	13.63		
20	256QAM	1	49	13.47	13.49	13.47	15.2	0
20	256QAM	1	99	13.47	13.52	13.51		
20	256QAM	50	0	13.45	13.44	13.38		
20	256QAM	50	24	13.45	13.59	13.51	15.2	0
20	256QAM	50	50	13.43	13.60	13.57		
20	256QAM	100	0	13.43	13.46	13.51		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	13.42	13.62	13.51	15.2	0
15	QPSK	1	37	13.31	13.54	13.46		
15	QPSK	1	74	13.22	13.43	13.42		
15	QPSK	36	0	13.29	13.56	13.53		
15	QPSK	36	20	13.22	13.30	13.33	15.2	0
15	QPSK	36	39	13.29	13.46	13.35		
15	QPSK	75	0	13.23	13.46	13.40		
15	16QAM	1	0	13.31	13.59	13.25		
15	16QAM	1	37	13.28	13.49	13.45	15.2	0
15	16QAM	1	74	13.30	13.44	13.37		
15	16QAM	36	0	13.56	13.45	13.47		
15	16QAM	36	20	13.24	13.38	13.42	15.2	0
15	16QAM	36	39	13.38	13.27	13.48		
15	16QAM	75	0	13.27	13.31	13.53		
15	64QAM	1	0	13.37	13.58	13.33		
15	64QAM	1	37	13.34	13.64	13.31	15.2	0
15	64QAM	1	74	13.29	13.30	13.35		
15	64QAM	36	0	13.31	13.37	13.33		
15	64QAM	36	20	13.37	13.33	13.47	15.2	0
15	64QAM	36	39	13.39	13.32	13.45		
15	64QAM	75	0	13.40	13.48	13.39		
15	256QAM	1	0	13.50	13.47	13.53		
15	256QAM	1	37	13.33	13.31	13.38	15.2	0
15	256QAM	1	74	13.35	13.42	13.46		
15	256QAM	36	0	13.44	13.34	13.25		
15	256QAM	36	20	13.39	13.48	13.49	15.2	0
15	256QAM	36	39	13.34	13.57	13.53		
15	256QAM	75	0	13.41	13.42	13.35		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	13.51	13.56	13.55	15.2	0
10	QPSK	1	25	13.27	13.47	13.41		
10	QPSK	1	49	13.36	13.35	13.38		
10	QPSK	25	0	13.32	13.51	13.38		
10	QPSK	25	12	13.34	13.33	13.39	15.2	0
10	QPSK	25	25	13.41	13.37	13.38		
10	QPSK	50	0	13.24	13.54	13.39		
10	16QAM	1	0	13.28	13.55	13.29		
10	16QAM	1	25	13.24	13.48	13.33	15.2	0
10	16QAM	1	49	13.22	13.54	13.40		
10	16QAM	25	0	13.25	13.56	13.40		
10	16QAM	25	12	13.36	13.48	13.34	15.2	0
10	16QAM	25	25	13.28	13.30	13.46		
10	16QAM	50	0	13.40	13.34	13.46		
10	64QAM	1	0	13.36	13.43	13.35		
10	64QAM	1	25	13.36	13.54	13.42	15.2	0
10	64QAM	1	49	13.25	13.37	13.39		
10	64QAM	25	0	13.47	13.34	13.37		
10	64QAM	25	12	13.33	13.35	13.49	15.2	0
10	64QAM	25	25	13.41	13.42	13.41		
10	64QAM	50	0	13.49	13.39	13.29		
10	256QAM	1	0	13.39	13.46	13.48		
10	256QAM	1	25	13.41	13.42	13.28	15.2	0
10	256QAM	1	49	13.38	13.50	13.46		
10	256QAM	25	0	13.30	13.36	13.20		
10	256QAM	25	12	13.38	13.33	13.35	15.2	0
10	256QAM	25	25	13.39	13.48	13.51		
10	256QAM	50	0	13.24	13.41	13.39		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	13.51	13.58	13.46	15.2	0
5	QPSK	1	12	13.22	13.48	13.45		
5	QPSK	1	24	13.36	13.44	13.39		
5	QPSK	12	0	13.33	13.52	13.38		
5	QPSK	12	7	13.52	13.38	13.27	15.2	0
5	QPSK	12	13	13.43	13.36	13.41		
5	QPSK	25	0	13.32	13.49	13.38		
5	16QAM	1	0	13.27	13.53	13.32		
5	16QAM	1	12	13.26	13.55	13.34	15.2	0
5	16QAM	1	24	13.30	13.47	13.46		
5	16QAM	12	0	13.26	13.50	13.33		
5	16QAM	12	7	13.29	13.37	13.39	15.2	0
5	16QAM	12	13	13.33	13.29	13.46		
5	16QAM	25	0	13.31	13.27	13.51		
5	64QAM	1	0	13.32	13.50	13.35		
5	64QAM	1	12	13.39	13.57	13.39	15.2	0
5	64QAM	1	24	13.28	13.32	13.31		
5	64QAM	12	0	13.34	13.42	13.47		
5	64QAM	12	7	13.35	13.30	13.33	15.2	0
5	64QAM	12	13	13.39	13.29	13.47		
5	64QAM	25	0	13.40	13.42	13.30		
5	256QAM	1	0	13.40	13.37	13.56		
5	256QAM	1	12	13.42	13.31	13.41	15.2	0
5	256QAM	1	24	13.37	13.35	13.45		
5	256QAM	12	0	13.34	13.33	13.22		
5	256QAM	12	7	13.40	13.49	13.40	15.2	0
5	256QAM	12	13	13.33	13.51	13.49		
5	256QAM	25	0	13.27	13.43	13.36		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	13.45	13.60	13.51	15.2	0
3	QPSK	1	8	13.55	13.56	13.42		
3	QPSK	1	14	13.25	13.39	13.36		
3	QPSK	8	0	13.21	13.50	13.51		
3	QPSK	8	4	13.26	13.42	13.38	15.2	0
3	QPSK	8	7	13.28	13.40	13.39		
3	QPSK	15	0	13.21	13.50	13.48		
3	16QAM	1	0	13.34	13.51	13.39		
3	16QAM	1	8	13.35	13.48	13.40	15.2	0
3	16QAM	1	14	13.20	13.44	13.44		
3	16QAM	8	0	13.23	13.43	13.38		
3	16QAM	8	4	13.26	13.43	13.30	15.2	0
3	16QAM	8	7	13.28	13.31	13.38		
3	16QAM	15	0	13.32	13.31	13.48		
3	64QAM	1	0	13.34	13.58	13.34		
3	64QAM	1	8	13.33	13.57	13.33	15.2	0
3	64QAM	1	14	13.35	13.43	13.39		
3	64QAM	8	0	13.37	13.29	13.33		
3	64QAM	8	4	13.31	13.36	13.33	15.2	0
3	64QAM	8	7	13.43	13.34	13.44		
3	64QAM	15	0	13.45	13.42	13.40		
3	256QAM	1	0	13.39	13.42	13.45		
3	256QAM	1	8	13.31	13.43	13.36	15.2	0
3	256QAM	1	14	13.39	13.48	13.35		
3	256QAM	8	0	13.36	13.32	13.27		
3	256QAM	8	4	13.36	13.43	13.39	15.2	0
3	256QAM	8	7	13.24	13.44	13.43		
3	256QAM	15	0	13.31	13.44	13.40		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	13.48	13.70	13.61	15.2	0
1.4	QPSK	1	3	13.23	13.42	13.49		
1.4	QPSK	1	5	13.38	13.41	13.40		
1.4	QPSK	3	0	13.32	13.47	13.49		
1.4	QPSK	3	1	13.23	13.32	13.28		
1.4	QPSK	3	3	13.35	13.36	13.44		
1.4	QPSK	6	0	13.33	13.39	13.36	15.2	0
1.4	16QAM	1	0	13.31	13.55	13.30	15.2	0
1.4	16QAM	1	3	13.27	13.52	13.48		
1.4	16QAM	1	5	13.26	13.51	13.46		
1.4	16QAM	3	0	13.56	13.53	13.33		
1.4	16QAM	3	1	13.21	13.50	13.33		
1.4	16QAM	3	3	13.39	13.22	13.42		
1.4	16QAM	6	0	13.38	13.38	13.58	15.2	0
1.4	64QAM	1	0	13.33	13.54	13.35	15.2	0
1.4	64QAM	1	3	13.35	13.51	13.33		
1.4	64QAM	1	5	13.40	13.44	13.42		
1.4	64QAM	3	0	13.32	13.27	13.48		
1.4	64QAM	3	1	13.31	13.34	13.48		
1.4	64QAM	3	3	13.33	13.40	13.39		
1.4	64QAM	6	0	13.51	13.49	13.32	15.2	0
1.4	256QAM	1	0	13.47	13.50	13.61	15.2	0
1.4	256QAM	1	3	13.33	13.36	13.35		
1.4	256QAM	1	5	13.36	13.38	13.32		
1.4	256QAM	3	0	13.35	13.33	13.34		
1.4	256QAM	3	1	13.37	13.48	13.37		
1.4	256QAM	3	3	13.29	13.42	13.52		
1.4	256QAM	6	0	13.29	13.41	13.42	15.2	0

Band 5 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.12	21.17	20.87	22.5	0
10	QPSK	1	25	20.77	21.11	20.86		
10	QPSK	1	49	21.01	21.09	21.04		
10	QPSK	25	0	21.04	21.16	20.69		
10	QPSK	25	12	21.07	21.00	20.76	22.5	0
10	QPSK	25	25	21.10	21.03	20.73		
10	QPSK	50	0	21.04	21.09	20.70		
10	16QAM	1	0	20.96	21.00	20.80		
10	16QAM	1	25	21.03	21.07	20.98	22.5	0
10	16QAM	1	49	20.97	21.07	20.94		

Band 7 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.65	15.69	15.66		
20	QPSK	1	49	15.62	15.65	15.56	16.7	0
20	QPSK	1	99	15.55	15.62	15.51		
20	QPSK	50	0	15.53	15.67	15.57		
20	QPSK	50	24	15.47	15.53	15.51	16.7	0
20	QPSK	50	50	15.46	15.57	15.62		
20	QPSK	100	0	15.54	15.57	15.49		
20	16QAM	1	0	15.51	15.59	15.55		
20	16QAM	1	49	15.48	15.56	15.51	16.7	0
20	16QAM	1	99	15.44	15.51	15.56		
20	16QAM	50	0	15.65	15.54	15.38		
20	16QAM	50	24	15.47	15.45	15.32	16.7	0
20	16QAM	50	50	15.51	15.54	15.37		
20	16QAM	100	0	15.48	15.43	15.50		
20	64QAM	1	0	15.51	15.41	15.55		
20	64QAM	1	49	15.39	15.36	15.42	16.7	0
20	64QAM	1	99	15.37	15.33	15.43		
20	64QAM	50	0	15.61	15.62	15.59		
20	64QAM	50	24	15.43	15.58	15.59	16.7	0
20	64QAM	50	50	15.52	15.45	15.44		
20	64QAM	100	0	15.40	15.63	15.43		
20	256QAM	1	0	15.49	15.56	15.45		
20	256QAM	1	49	15.41	15.46	15.41	16.7	0
20	256QAM	1	99	15.44	15.43	15.28		
20	256QAM	50	0	15.54	15.60	15.57		
20	256QAM	50	24	15.50	15.52	15.45	16.7	0
20	256QAM	50	50	15.38	15.53	15.41		
20	256QAM	100	0	15.43	15.57	15.50		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.56	15.65	15.47		
15	QPSK	1	37	15.49	15.52	15.38	16.7	0
15	QPSK	1	74	15.35	15.53	15.33		
15	QPSK	36	0	15.37	15.57	15.42		
15	QPSK	36	20	15.44	15.51	15.49	16.7	0
15	QPSK	36	39	15.43	15.44	15.54		
15	QPSK	75	0	15.49	15.48	15.30		
15	16QAM	1	0	15.36	15.47	15.44		
15	16QAM	1	37	15.30	15.53	15.49	16.7	0
15	16QAM	1	74	15.24	15.39	15.54		
15	16QAM	36	0	15.59	15.43	15.20		
15	16QAM	36	20	15.37	15.34	15.21	16.7	0
15	16QAM	36	39	15.43	15.45	15.35		
15	16QAM	75	0	15.42	15.27	15.35		
15	64QAM	1	0	15.32	15.40	15.37		
15	64QAM	1	37	15.37	15.27	15.36	16.7	0
15	64QAM	1	74	15.17	15.13	15.26		
15	64QAM	36	0	15.57	15.46	15.44		
15	64QAM	36	20	15.40	15.53	15.43	16.7	0
15	64QAM	36	39	15.45	15.26	15.28		
15	64QAM	75	0	15.40	15.50	15.26		
15	256QAM	1	0	15.43	15.45	15.44		
15	256QAM	1	37	15.36	15.30	15.28	16.7	0
15	256QAM	1	74	15.37	15.38	15.23		
15	256QAM	36	0	15.48	15.49	15.38		
15	256QAM	36	20	15.43	15.33	15.32	16.7	0
15	256QAM	36	39	15.29	15.49	15.22		
15	256QAM	75	0	15.25	15.40	15.46		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.55	15.62	15.50		
10	QPSK	1	25	15.56	15.59	15.37	16.7	0
10	QPSK	1	49	15.40	15.60	15.32		
10	QPSK	25	0	15.38	15.57	15.49		
10	QPSK	25	12	15.43	15.52	15.48	16.7	0
10	QPSK	25	25	15.39	15.39	15.57		
10	QPSK	50	0	15.47	15.41	15.42		
10	16QAM	1	0	15.38	15.51	15.46		
10	16QAM	1	25	15.35	15.53	15.39	16.7	0
10	16QAM	1	49	15.41	15.48	15.50		
10	16QAM	25	0	15.52	15.35	15.30		
10	16QAM	25	12	15.31	15.39	15.28	16.7	0
10	16QAM	25	25	15.38	15.50	15.28		
10	16QAM	50	0	15.42	15.27	15.41		
10	64QAM	1	0	15.49	15.24	15.48		
10	64QAM	1	25	15.30	15.35	15.33	16.7	0
10	64QAM	1	49	15.26	15.32	15.33		
10	64QAM	25	0	15.51	15.57	15.39		
10	64QAM	25	12	15.24	15.55	15.51	16.7	0
10	64QAM	25	25	15.41	15.39	15.44		
10	64QAM	50	0	15.39	15.62	15.24		
10	256QAM	1	0	15.39	15.36	15.44		
10	256QAM	1	25	15.37	15.41	15.27	16.7	0
10	256QAM	1	49	15.36	15.38	15.28		
10	256QAM	25	0	15.38	15.49	15.38		
10	256QAM	25	12	15.33	15.33	15.28	16.7	0
10	256QAM	25	25	15.29	15.45	15.29		
10	256QAM	50	0	15.38	15.49	15.36		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.53	15.66	15.62		
5	QPSK	1	12	15.50	15.61	15.48	16.7	0
5	QPSK	1	24	15.41	15.58	15.48		
5	QPSK	12	0	15.42	15.58	15.40		
5	QPSK	12	7	15.37	15.44	15.31	16.7	0
5	QPSK	12	13	15.35	15.38	15.43		
5	QPSK	25	0	15.47	15.37	15.42		
5	16QAM	1	0	15.44	15.53	15.45		
5	16QAM	1	12	15.42	15.42	15.35	16.7	0
5	16QAM	1	24	15.37	15.46	15.42		
5	16QAM	12	0	15.46	15.39	15.21		
5	16QAM	12	7	15.47	15.38	15.31	16.7	0
5	16QAM	12	13	15.44	15.41	15.17		
5	16QAM	25	0	15.43	15.36	15.31		
5	64QAM	1	0	15.37	15.39	15.42		
5	64QAM	1	12	15.38	15.21	15.31	16.7	0
5	64QAM	1	24	15.30	15.31	15.24		
5	64QAM	12	0	15.54	15.54	15.45		
5	64QAM	12	7	15.42	15.51	15.50	16.7	0
5	64QAM	12	13	15.48	15.26	15.27		
5	64QAM	25	0	15.36	15.48	15.35		
5	256QAM	1	0	15.41	15.41	15.32		
5	256QAM	1	12	15.34	15.35	15.31	16.7	0
5	256QAM	1	24	15.29	15.28	15.19		
5	256QAM	12	0	15.47	15.55	15.56		
5	256QAM	12	7	15.45	15.44	15.31	16.7	0
5	256QAM	12	13	15.21	15.34	15.31		
5	256QAM	25	0	15.34	15.46	15.46		

Band 12 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	19.09	19.25	19.22		
10	QPSK	1	25	19.01	19.13	19.04	20.8	0
10	QPSK	1	49	18.98	19.09	18.98		
10	QPSK	25	0	19.10	19.17	19.14		
10	QPSK	25	12	18.97	19.06	18.96	20.8	0
10	QPSK	25	25	18.96	19.04	19.02		
10	QPSK	50	0	18.91	19.04	19.01		
10	16QAM	1	0	18.96	19.11	19.21		
10	16QAM	1	25	18.90	19.05	19.13	20.8	0
10	16QAM	1	49	18.94	18.88	19.01		
10	16QAM	25	0	19.07	18.91	18.88		
10	16QAM	25	12	19.02	18.95	18.98	20.8	0
10	16QAM	25	25	19.11	19.01	18.88		
10	16QAM	50	0	19.06	19.00	18.92		
10	64QAM	1	0	18.85	19.04	19.09		
10	64QAM	1	25	18.94	18.87	18.86	20.8	0
10	64QAM	1	49	18.90	18.85	18.87		
10	64QAM	25	0	19.16	19.20	19.11		
10	64QAM	25	12	18.91	18.94	19.04	20.8	0
10	64QAM	25	25	18.99	18.96	18.97		
10	64QAM	50	0	18.86	19.08	18.99		
10	256QAM	1	0	17.59	17.63	17.66		
10	256QAM	1	25	17.59	17.49	17.50	19	1.8
10	256QAM	1	49	17.70	17.58	17.60		
10	256QAM	25	0	17.53	17.50	17.60		
10	256QAM	25	12	17.53	17.54	17.61	19	1.8
10	256QAM	25	25	17.61	17.55	17.53		
10	256QAM	50	0	17.54	17.50	17.63		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	19.00	19.21	19.03		
5	QPSK	1	12	18.86	18.97	18.87	20.8	0
5	QPSK	1	24	18.95	19.00	18.81		
5	QPSK	12	0	18.92	19.04	18.95		
5	QPSK	12	7	18.92	19.02	18.90	20.8	0
5	QPSK	12	13	18.93	19.03	18.93		
5	QPSK	25	0	18.84	18.90	18.83		
5	16QAM	1	0	18.92	19.06	19.08		
5	16QAM	1	12	18.94	18.91	18.98	20.8	0
5	16QAM	1	24	18.90	18.99	18.94		
5	16QAM	12	0	19.02	19.04	18.91		
5	16QAM	12	7	18.84	18.82	18.81	20.8	0
5	16QAM	12	13	19.05	18.89	18.84		
5	16QAM	25	0	19.00	18.81	18.83		
5	64QAM	1	0	18.85	18.88	19.07		
5	64QAM	1	12	18.82	18.86	18.88	20.8	0
5	64QAM	1	24	18.88	18.92	18.84		
5	64QAM	12	0	18.96	19.16	18.94		
5	64QAM	12	7	18.84	18.93	19.00	20.8	0
5	64QAM	12	13	18.92	18.97	18.95		
5	64QAM	25	0	18.82	18.89	18.86		
5	256QAM	1	0	17.39	17.50	17.50		
5	256QAM	1	12	17.49	17.42	17.33	19	1.8
5	256QAM	1	24	17.64	17.53	17.46		
5	256QAM	12	0	17.38	17.43	17.44		
5	256QAM	12	7	17.41	17.43	17.57	19	1.8
5	256QAM	12	13	17.57	17.37	17.40		
5	256QAM	25	0	17.33	17.34	17.49		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	19.06	19.13	19.18		
3	QPSK	1	8	19.00	18.96	18.88	20.8	0
3	QPSK	1	14	18.96	18.89	18.86		
3	QPSK	8	0	18.97	19.02	19.02		
3	QPSK	8	4	18.84	19.04	18.88	20.8	0
3	QPSK	8	7	18.97	18.99	19.01		
3	QPSK	15	0	18.92	18.93	18.81		
3	16QAM	1	0	18.88	19.08	19.15		
3	16QAM	1	8	18.82	18.91	18.95	20.8	0
3	16QAM	1	14	18.89	18.93	18.91		
3	16QAM	8	0	18.88	18.81	18.80		
3	16QAM	8	4	18.89	18.95	18.91	20.8	0
3	16QAM	8	7	19.05	18.95	18.85		
3	16QAM	15	0	19.04	18.90	18.87		
3	64QAM	1	0	18.86	18.94	18.99		
3	64QAM	1	8	18.87	18.91	18.84	20.8	0
3	64QAM	1	14	18.89	18.90	18.83		
3	64QAM	8	0	19.16	19.09	18.98		
3	64QAM	8	4	18.85	18.91	18.95	20.8	0
3	64QAM	8	7	18.90	18.88	18.93		
3	64QAM	15	0	18.90	18.96	18.84		
3	256QAM	1	0	17.52	17.42	17.52		
3	256QAM	1	8	17.43	17.34	17.30	19	1.8
3	256QAM	1	14	17.53	17.38	17.56		
3	256QAM	8	0	17.45	17.38	17.50		
3	256QAM	8	4	17.45	17.42	17.42	19	1.8
3	256QAM	8	7	17.45	17.34	17.34		
3	256QAM	15	0	17.49	17.34	17.42		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	18.99	19.08	19.05		
1.4	QPSK	1	3	18.83	18.96	18.88		
1.4	QPSK	1	5	18.89	19.00	18.94	20.8	0
1.4	QPSK	3	0	19.03	18.98	19.10		
1.4	QPSK	3	1	18.83	18.87	18.82		
1.4	QPSK	3	3	18.93	18.99	19.01		
1.4	QPSK	6	0	18.85	18.94	18.98	20.8	0
1.4	16QAM	1	0	18.94	19.02	19.15		
1.4	16QAM	1	3	18.91	19.04	18.94		
1.4	16QAM	1	5	18.87	18.92	18.91	20.8	0
1.4	16QAM	3	0	18.92	18.88	18.86		
1.4	16QAM	3	1	18.85	18.80	18.96		
1.4	16QAM	3	3	19.10	18.96	18.84		
1.4	16QAM	6	0	18.92	18.88	18.81	20.8	0
1.4	64QAM	1	0	18.85	18.86	19.03		
1.4	64QAM	1	3	18.90	18.92	18.87		
1.4	64QAM	1	5	18.84	18.86	18.81	20.8	0
1.4	64QAM	3	0	19.10	19.03	18.93		
1.4	64QAM	3	1	18.88	18.90	18.97		
1.4	64QAM	3	3	18.93	18.87	18.92		
1.4	64QAM	6	0	18.96	19.02	18.93	20.8	0
1.4	256QAM	1	0	17.44	17.41	17.51		
1.4	256QAM	1	3	17.44	17.28	17.45		
1.4	256QAM	1	5	17.63	17.37	17.46	19	1.8
1.4	256QAM	3	0	17.34	17.44	17.54		
1.4	256QAM	3	1	17.44	17.35	17.45		
1.4	256QAM	3	3	17.41	17.47	17.37		
1.4	256QAM	6	0	17.35	17.32	17.58	19	1.8

Band 13 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		20.92			
10	QPSK	1	25		20.79		22.5	0
10	QPSK	1	49		20.85			
10	QPSK	25	0		20.78			
10	QPSK	25	12		20.64		22.5	0
10	QPSK	25	25		20.74			
10	QPSK	50	0		20.66			
10	16QAM	1	0		20.75			
10	16QAM	1	25		20.61		22.5	0
10	16QAM	1	49		20.58			
10	16QAM	25	0		20.88			
10	16QAM	25	12		20.80		22	0.5
10	16QAM	25	25		20.70			
10	16QAM	50	0		20.83			
10	64QAM	1	0		20.79			
10	64QAM	1	25		20.85		22	0.5
10	64QAM	1	49		20.67			
10	64QAM	25	0		19.85			
10	64QAM	25	12		19.66		21	1.5
10	64QAM	25	25		19.79			
10	64QAM	50	0		19.81			
10	256QAM	1	0		18.06			
10	256QAM	1	25		17.96		19	3.5
10	256QAM	1	49		18.03			
10	256QAM	25	0		17.89			
10	256QAM	25	12		17.90		19	3.5
10	256QAM	25	25		17.92			
10	256QAM	50	0		17.81			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	20.80	20.83	20.66		
5	QPSK	1	12	20.55	20.73	20.63	22.5	0
5	QPSK	1	24	20.76	20.77	20.64		
5	QPSK	12	0	20.56	20.63	20.51		
5	QPSK	12	7	20.52	20.56	20.53	22.5	0
5	QPSK	12	13	20.62	20.64	20.60		
5	QPSK	25	0	20.53	20.64	20.60		
5	16QAM	1	0	20.52	20.70	20.54		
5	16QAM	1	12	20.52	20.57	20.53	22.5	0
5	16QAM	1	24	20.54	20.63	20.62		
5	16QAM	12	0	20.81	20.81	20.75		
5	16QAM	12	7	20.70	20.68	20.70	22	0.5
5	16QAM	12	13	20.57	20.56	20.60		
5	16QAM	25	0	20.78	20.70	20.73		
5	64QAM	1	0	20.63	20.64	20.69		
5	64QAM	1	12	20.69	20.81	20.73	22	0.5
5	64QAM	1	24	20.47	20.63	20.52		
5	64QAM	12	0	19.71	19.64	19.73		
5	64QAM	12	7	19.46	19.53	19.45	21	1.5
5	64QAM	12	13	19.67	19.63	19.65		
5	64QAM	25	0	19.64	19.64	19.62		
5	256QAM	1	0	17.88	17.98	17.86		
5	256QAM	1	12	17.84	17.92	17.84	19	3.5
5	256QAM	1	24	17.97	17.82	17.88		
5	256QAM	12	0	17.76	17.79	17.83		
5	256QAM	12	7	17.71	17.82	17.76	19	3.5
5	256QAM	12	13	17.80	17.88	17.81		
5	256QAM	25	0	17.65	17.61	17.72		

Band 17 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	18.93	19.17	19.16	20.8	0
10	QPSK	1	25	18.98	19.12	19.01		
10	QPSK	1	49	18.86	19.04	18.84		
10	QPSK	25	0	18.92	19.12	18.98	20.8	0
10	QPSK	25	12	18.85	18.99	18.82		
10	QPSK	25	25	18.85	18.97	18.98		
10	QPSK	50	0	18.90	18.94	18.93		
10	16QAM	1	0	18.90	18.96	19.09		
10	16QAM	1	25	18.81	19.03	18.95	20.8	0
10	16QAM	1	49	18.92	18.87	18.89		
10	16QAM	25	0	18.93	18.91	18.81	20.8	0
10	16QAM	25	12	18.99	18.90	18.93		
10	16QAM	25	25	19.09	19.00	18.96		
10	16QAM	50	0	18.94	18.89	18.84		
10	64QAM	1	0	19.04	19.00	19.06	20.8	0
10	64QAM	1	25	19.00	19.06	18.92		
10	64QAM	1	49	18.96	18.82	18.86		
10	64QAM	25	0	19.11	19.15	19.01	20.8	0
10	64QAM	25	12	19.01	18.87	18.99		
10	64QAM	25	25	18.94	18.94	18.80		
10	64QAM	50	0	18.94	19.06	18.97		
10	256QAM	1	0	17.44	17.42	17.40	19	1.8
10	256QAM	1	25	17.39	17.37	17.44		
10	256QAM	1	49	17.47	17.48	17.46		
10	256QAM	25	0	17.55	17.32	17.50	19	1.8
10	256QAM	25	12	17.43	17.34	17.41		
10	256QAM	25	25	17.38	17.55	17.41		
10	256QAM	50	0	17.50	17.56	17.41		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	18.98	19.10	19.04	20.8	0
5	QPSK	1	12	18.84	18.94	18.92		
5	QPSK	1	24	18.81	18.90	19.02		
5	QPSK	12	0	19.02	19.15	18.96	20.8	0
5	QPSK	12	7	18.94	19.01	18.81		
5	QPSK	12	13	18.88	19.00	18.92		
5	QPSK	25	0	18.95	18.98	18.86		
5	16QAM	1	0	18.87	19.07	19.14	20.8	0
5	16QAM	1	12	18.99	18.91	18.99		
5	16QAM	1	24	18.83	18.85	18.86		
5	16QAM	12	0	19.04	18.88	18.81	20.8	0
5	16QAM	12	7	18.93	18.87	18.87		
5	16QAM	12	13	19.01	18.92	18.85		
5	16QAM	25	0	18.91	18.87	18.81		
5	64QAM	1	0	19.04	18.92	19.07	20.8	0
5	64QAM	1	12	18.91	18.94	18.94		
5	64QAM	1	24	18.86	18.98	18.85		
5	64QAM	12	0	19.12	19.09	19.01	20.8	0
5	64QAM	12	7	19.00	18.87	18.90		
5	64QAM	12	13	18.97	18.90	18.95		
5	64QAM	25	0	18.80	18.94	18.92		
5	256QAM	1	0	17.37	17.32	17.23	19	1.8
5	256QAM	1	12	17.28	17.29	17.38		
5	256QAM	1	24	17.34	17.41	17.26		
5	256QAM	12	0	17.46	17.23	17.40	19	1.8
5	256QAM	12	7	17.29	17.13	17.20		
5	256QAM	12	13	17.33	17.47	17.34		
5	256QAM	25	0	17.37	17.40	17.33		

Band 26 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.20	21.21	21.00	22.5	0
15	QPSK	1	37	21.03	21.14	20.84		
15	QPSK	1	74	20.92	21.01	21.04		
15	QPSK	36	0	21.11	21.12	20.80	22.5	0
15	QPSK	36	20	20.98	21.11	20.70		
15	QPSK	36	39	20.90	20.94	20.90		
15	QPSK	75	0	21.10	21.11	20.83		
15	16QAM	1	0	20.90	20.98	20.77	22.5	0
15	16QAM	1	37	20.75	20.97	20.96		
15	16QAM	1	74	21.19	21.03	20.99		
15	16QAM	36	0	20.52	20.46	20.44	22	0.5
15	16QAM	36	20	20.40	20.41	20.52		
15	16QAM	36	39	20.33	20.49	20.46		
15	16QAM	75	0	20.49	20.50	20.49		
15	64QAM	1	0	20.59	20.54	20.37	22	0.5
15	64QAM	1	37	20.42	20.47	20.31		
15	64QAM	1	74	20.37	20.31	20.40		
15	64QAM	36	0	19.38	19.35	19.45	21	1.5
15	64QAM	36	20	19.45	19.28	19.40		
15	64QAM	36	39	19.37	19.33	19.43		
15	64QAM	75	0	19.28	19.29	19.48		
15	256QAM	1	0	17.34	17.32	17.33	19	3.5
15	256QAM	1	37	17.53	17.41	17.55		
15	256QAM	1	74	17.45	17.37	17.41		
15	256QAM	36	0	17.49	17.37	17.37	19	3.5
15	256QAM	36	20	17.53	17.34	17.38		
15	256QAM	36	39	17.31	17.52	17.45		
15	256QAM	75	0	17.45	17.47	17.54		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.10	21.08	20.81	22.5	0
10	QPSK	1	25	20.81	21.07	20.63		
10	QPSK	1	49	20.83	20.95	20.86		
10	QPSK	25	0	20.99	21.09	20.80	22.5	0
10	QPSK	25	12	20.88	20.98	20.66		
10	QPSK	25	25	20.71	20.79	20.88		
10	QPSK	50	0	21.03	21.12	20.74		
10	16QAM	1	0	21.01	21.02	20.99	22.5	0
10	16QAM	1	25	21.08	20.94	21.02		
10	16QAM	1	49	21.19	21.13	20.99		
10	16QAM	25	0	20.47	20.33	20.29	22	0.5
10	16QAM	25	12	20.29	20.27	20.38		
10	16QAM	25	25	20.11	20.40	20.33		
10	16QAM	50	0	20.44	20.38	20.34		
10	64QAM	1	0	20.42	20.49	20.19	22	0.5
10	64QAM	1	25	20.36	20.42	20.18		
10	64QAM	1	49	20.30	20.20	20.23		
10	64QAM	25	0	19.20	19.22	19.24	21	1.5
10	64QAM	25	12	19.36	19.18	19.20		
10	64QAM	25	25	19.33	19.12	19.32		
10	64QAM	50	0	19.12	19.21	19.36		
10	256QAM	1	0	17.19	17.19	17.12	19	3.5
10	256QAM	1	25	17.43	17.33	17.35		
10	256QAM	1	49	17.26	17.28	17.20		
10	256QAM	25	0	17.44	17.31	17.28	19	3.5
10	256QAM	25	12	17.44	17.18	17.19		
10	256QAM	25	25	17.18	17.37	17.34		
10	256QAM	50	0	17.32	17.27	17.43		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.00	20.96	20.92	22.5	0
5	QPSK	1	12	20.95	21.16	20.75		
5	QPSK	1	24	20.81	21.01	20.99		
5	QPSK	12	0	21.12	21.08	20.74	22.5	0
5	QPSK	12	7	20.94	21.11	20.81		
5	QPSK	12	13	20.70	20.85	20.81		
5	QPSK	25	0	21.01	20.94	20.74		
5	16QAM	1	0	21.06	21.00	20.94	22.5	0
5	16QAM	1	12	21.17	20.99	20.98		
5	16QAM	1	24	21.09	20.99	20.81		
5	16QAM	12	0	20.34	20.38	20.33	22	0.5
5	16QAM	12	7	20.19	20.29	20.35		
5	16QAM	12	13	20.19	20.38	20.41		
5	16QAM	25	0	20.33	20.40	20.45		
5	64QAM	1	0	20.35	20.44	20.24	22	0.5
5	64QAM	1	12	20.24	20.35	20.11		
5	64QAM	1	24	20.16	20.24	20.30		
5	64QAM	12	0	19.16	19.19	19.31	21	1.5
5	64QAM	12	7	19.38	19.10	19.31		
5	64QAM	12	13	19.29	19.25	19.37		
5	64QAM	25	0	19.21	19.10	19.38		
5	256QAM	1	0	17.26	17.16	17.16	19	3.5
5	256QAM	1	12	17.32	17.30	17.38		
5	256QAM	1	24	17.27	17.24	17.26		
5	256QAM	12	0	17.34	17.18	17.26	19	3.5
5	256QAM	12	7	17.45	17.27	17.22		
5	256QAM	12	13	17.21	17.31	17.39		
5	256QAM	25	0	17.33	17.26	17.41		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.16	21.08	20.94	22.5	0
3	QPSK	1	8	20.99	21.03	20.80		
3	QPSK	1	14	20.73	20.80	20.97		
3	QPSK	8	0	20.91	20.98	20.77	22.5	0
3	QPSK	8	4	20.94	20.92	20.52		
3	QPSK	8	7	20.86	20.90	20.88		
3	QPSK	15	0	21.05	21.02	20.73		
3	16QAM	1	0	21.03	20.95	21.01	22.5	0
3	16QAM	1	8	21.17	21.12	20.84		
3	16QAM	1	14	21.06	20.98	20.95		
3	16QAM	8	0	20.42	20.35	20.28	22	0.5
3	16QAM	8	4	20.28	20.36	20.44		
3	16QAM	8	7	20.16	20.40	20.31		
3	16QAM	15	0	20.32	20.46	20.43		
3	64QAM	1	0	20.50	20.42	20.27	22	0.5
3	64QAM	1	8	20.34	20.34	20.18		
3	64QAM	1	14	20.23	20.19	20.34		
3	64QAM	8	0	19.29	19.30	19.33	21	1.5
3	64QAM	8	4	19.29	19.24	19.21		
3	64QAM	8	7	19.28	19.21	19.30		
3	64QAM	15	0	19.12	19.09	19.29		
3	256QAM	1	0	17.14	17.11	17.22	19	3.5
3	256QAM	1	8	17.32	17.32	17.47		
3	256QAM	1	14	17.33	17.17	17.32		
3	256QAM	8	0	17.29	17.25	17.16	19	3.5
3	256QAM	8	4	17.43	17.22	17.24		
3	256QAM	8	7	17.09	17.44	17.39		
3	256QAM	15	0	17.26	17.34	17.33		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.15	21.02	21.00	22.5	0
1.4	QPSK	1	3	20.88	20.97	20.84		
1.4	QPSK	1	5	20.87	20.95	20.95		
1.4	QPSK	3	0	21.12	21.11	20.81		
1.4	QPSK	3	1	20.87	20.94	20.62		
1.4	QPSK	3	3	20.88	20.76	20.77		
1.4	QPSK	6	0	21.12	20.92	20.72	22.5	0
1.4	16QAM	1	0	21.01	21.06	20.83	22.5	0
1.4	16QAM	1	3	21.02	21.11	20.76		
1.4	16QAM	1	5	20.88	20.96	21.03		
1.4	16QAM	3	0	20.99	21.00	20.68		
1.4	16QAM	3	1	20.76	21.00	20.67		
1.4	16QAM	3	3	20.72	20.94	20.81		
1.4	16QAM	6	0	20.36	20.43	20.41	22	0.5
1.4	64QAM	1	0	20.42	20.45	20.17	22	0.5
1.4	64QAM	1	3	20.21	20.42	20.25		
1.4	64QAM	1	5	20.28	20.24	20.27		
1.4	64QAM	3	0	20.42	20.41	20.23		
1.4	64QAM	3	1	20.34	20.35	20.30		
1.4	64QAM	3	3	20.17	20.44	20.28		
1.4	64QAM	6	0	19.18	19.19	19.39	21	1.5
1.4	256QAM	1	0	17.16	17.25	17.26	19	3.5
1.4	256QAM	1	3	17.42	17.20	17.49		
1.4	256QAM	1	5	17.33	17.29	17.30		
1.4	256QAM	3	0	17.37	17.23	17.24		
1.4	256QAM	3	1	17.48	17.15	17.20		
1.4	256QAM	3	3	17.09	17.38	17.30		
1.4	256QAM	6	0	17.32	17.28	17.42	19	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	13.82	13.93	13.89	15.2	0
20	QPSK	1	49	13.65	13.88	13.83		
20	QPSK	1	99	13.67	13.76	13.76		
20	QPSK	50	0	13.69	13.90	13.78	15.2	0
20	QPSK	50	24	13.72	13.76	13.71		
20	QPSK	50	50	13.76	13.76	13.76		
20	QPSK	100	0	13.76	13.84	13.81		
20	16QAM	1	0	13.71	13.86	13.73	15.2	0
20	16QAM	1	49	13.68	13.81	13.78		
20	16QAM	1	99	13.64	13.89	13.80		
20	16QAM	50	0	13.63	13.84	13.76	15.2	0
20	16QAM	50	24	13.66	13.90	13.82		
20	16QAM	50	50	13.69	13.75	13.78		
20	16QAM	100	0	13.73	13.83	13.85		
20	64QAM	1	0	13.68	13.88	13.79	15.2	0
20	64QAM	1	49	13.70	13.92	13.82		
20	64QAM	1	99	13.75	13.80	13.82		
20	64QAM	50	0	13.73	13.80	13.83	15.2	0
20	64QAM	50	24	13.65	13.82	13.82		
20	64QAM	50	50	13.72	13.78	13.82		
20	64QAM	100	0	13.79	13.81	13.70		
20	256QAM	1	0	13.74	13.83	13.87	15.2	0
20	256QAM	1	49	13.75	13.87	13.78		
20	256QAM	1	99	13.80	13.91	13.73		
20	256QAM	50	0	13.77	13.82	13.71	15.2	0
20	256QAM	50	24	13.67	13.91	13.78		
20	256QAM	50	50	13.78	13.81	13.80		
20	256QAM	100	0	13.67	13.79	13.76		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	13.64	13.82	13.82	15.2	0
15	QPSK	1	37	13.60	13.83	13.71		
15	QPSK	1	74	13.63	13.74	13.75		
15	QPSK	36	0	13.59	13.81	13.68	15.2	0
15	QPSK	36	20	13.62	13.74	13.59		
15	QPSK	36	39	13.66	13.63	13.65		
15	QPSK	75	0	13.73	13.71	13.70		
15	16QAM	1	0	13.56	13.80	13.55	15.2	0
15	16QAM	1	37	13.60	13.72	13.68		
15	16QAM	1	74	13.52	13.83	13.64		
15	16QAM	36	0	13.45	13.74	13.60	15.2	0
15	16QAM	36	20	13.64	13.82	13.81		
15	16QAM	36	39	13.59	13.70	13.65		
15	16QAM	75	0	13.69	13.78	13.68		
15	64QAM	1	0	13.66	13.80	13.72	15.2	0
15	64QAM	1	37	13.56	13.78	13.72		
15	64QAM	1	74	13.70	13.78	13.76		
15	64QAM	36	0	13.65	13.65	13.77	15.2	0
15	64QAM	36	20	13.49	13.75	13.65		
15	64QAM	36	39	13.65	13.66	13.67		
15	64QAM	75	0	13.64	13.63	13.59		
15	256QAM	1	0	13.63	13.71	13.83	15.2	0
15	256QAM	1	37	13.62	13.78	13.75		
15	256QAM	1	74	13.65	13.74	13.60		
15	256QAM	36	0	13.68	13.63	13.68	15.2	0
15	256QAM	36	20	13.65	13.80	13.59		
15	256QAM	36	39	13.69	13.65	13.73		
15	256QAM	75	0	13.63	13.72	13.69		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	13.67	13.86	13.71	15.2	0
10	QPSK	1	25	13.49	13.70	13.76		
10	QPSK	1	49	13.54	13.68	13.61		
10	QPSK	25	0	13.62	13.82	13.65	15.2	0
10	QPSK	25	12	13.68	13.64	13.69		
10	QPSK	25	25	13.74	13.69	13.74		
10	QPSK	50	0	13.57	13.80	13.73		
10	16QAM	1	0	13.58	13.80	13.58	15.2	0
10	16QAM	1	25	13.63	13.70	13.61		
10	16QAM	1	49	13.53	13.72	13.76		
10	16QAM	25	0	13.61	13.67	13.69	15.2	0
10	16QAM	25	12	13.64	13.86	13.68		
10	16QAM	25	25	13.53	13.61	13.62		
10	16QAM	50	0	13.55	13.79	13.69		
10	64QAM	1	0	13.52	13.84	13.62	15.2	0
10	64QAM	1	25	13.53	13.77	13.80		
10	64QAM	1	49	13.72	13.73	13.69		
10	64QAM	25	0	13.66	13.70	13.71	15.2	0
10	64QAM	25	12	13.52	13.65	13.67		
10	64QAM	25	25	13.68	13.77	13.77		
10	64QAM	50	0	13.68	13.70	13.65		
10	256QAM	1	0	13.62	13.82	13.72	15.2	0
10	256QAM	1	25	13.63	13.76	13.73		
10	256QAM	1	49	13.72	13.86	13.65		
10	256QAM	25	0	13.70	13.67	13.55	15.2	0
10	256QAM	25	12	13.65	13.82	13.68		
10	256QAM	25	25	13.74	13.73	13.73		
10	256QAM	50	0	13.49	13.73	13.61		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	13.69	13.89	13.75	15.2	0
5	QPSK	1	12	13.60	13.76	13.68		
5	QPSK	1	24	13.51	13.68	13.60		
5	QPSK	12	0	13.62	13.84	13.76	15.2	0
5	QPSK	12	7	13.60	13.72	13.56		
5	QPSK	12	13	13.59	13.58	13.71		
5	QPSK	25	0	13.62	13.81	13.70		
5	16QAM	1	0	13.56	13.77	13.62	15.2	0
5	16QAM	1	12	13.56	13.71	13.66		
5	16QAM	1	24	13.48	13.86	13.77		
5	16QAM	12	0	13.45	13.73	13.68	15.2	0
5	16QAM	12	7	13.55	13.77	13.71		
5	16QAM	12	13	13.52	13.58	13.59		
5	16QAM	25	0	13.58	13.78	13.75		
5	64QAM	1	0	13.64	13.69	13.64	15.2	0
5	64QAM	1	12	13.65	13.90	13.73		
5	64QAM	1	24	13.63	13.74	13.72		
5	64QAM	12	0	13.60	13.69	13.76	15.2	0
5	64QAM	12	7	13.58	13.76	13.65		
5	64QAM	12	13	13.63	13.72	13.73		
5	64QAM	25	0	13.75	13.66	13.58		
5	256QAM	1	0	13.58	13.74	13.78	15.2	0
5	256QAM	1	12	13.74	13.72	13.76		
5	256QAM	1	24	13.77	13.87	13.67		
5	256QAM	12	0	13.73	13.80	13.68	15.2	0
5	256QAM	12	7	13.63	13.87	13.72		
5	256QAM	12	13	13.71	13.72	13.67		
5	256QAM	25	0	13.55	13.70	13.58		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	13.76	13.92	13.79	15.2	0
3	QPSK	1	8	13.52	13.74	13.67		
3	QPSK	1	14	13.60	13.71	13.62		
3	QPSK	8	0	13.64	13.82	13.67	15.2	0
3	QPSK	8	4	13.54	13.70	13.58		
3	QPSK	8	7	13.63	13.62	13.72		
3	QPSK	15	0	13.61	13.68	13.63	15.2	0
3	16QAM	1	0	13.53	13.78	13.59		
3	16QAM	1	8	13.67	13.76	13.76		
3	16QAM	1	14	13.61	13.86	13.74		
3	16QAM	8	0	13.60	13.73	13.61	15.2	0
3	16QAM	8	4	13.64	13.81	13.73		
3	16QAM	8	7	13.58	13.68	13.73		
3	16QAM	15	0	13.69	13.72	13.82		
3	64QAM	1	0	13.66	13.69	13.71	15.2	0
3	64QAM	1	8	13.52	13.75	13.70		
3	64QAM	1	14	13.57	13.67	13.63		
3	64QAM	8	0	13.62	13.77	13.65	15.2	0
3	64QAM	8	4	13.53	13.65	13.70		
3	64QAM	8	7	13.70	13.72	13.76		
3	64QAM	15	0	13.66	13.77	13.67		
3	256QAM	1	0	13.62	13.68	13.75	15.2	0
3	256QAM	1	8	13.57	13.69	13.76		
3	256QAM	1	14	13.71	13.87	13.69		
3	256QAM	8	0	13.66	13.76	13.63	15.2	0
3	256QAM	8	4	13.50	13.85	13.66		
3	256QAM	8	7	13.70	13.64	13.72		
3	256QAM	15	0	13.50	13.61	13.70		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	13.76	13.76	13.87	15.2	0
1.4	QPSK	1	3	13.60	13.87	13.79		
1.4	QPSK	1	5	13.66	13.60	13.65		
1.4	QPSK	3	0	13.59	13.76	13.76		
1.4	QPSK	3	1	13.65	13.69	13.58		
1.4	QPSK	3	3	13.62	13.65	13.66		
1.4	QPSK	6	0	13.68	13.78	13.73	15.2	0
1.4	16QAM	1	0	13.53	13.80	13.62	15.2	0
1.4	16QAM	1	3	13.63	13.67	13.67		
1.4	16QAM	1	5	13.59	13.76	13.69		
1.4	16QAM	3	0	13.62	13.83	13.58

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BW [MHz]	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	17.92	18.07	17.85	19.5	0
20	QPSK	1	49	17.78	17.90	17.85		
20	QPSK	1	99	17.73	18.00	17.75		
20	QPSK	50	0	17.95	18.03	18.00	19.5	0
20	QPSK	50	24	17.61	17.93	17.66		
20	QPSK	50	50	17.73	17.89	17.91		
20	QPSK	100	0	17.83	17.88	17.71		
20	16QAM	1	0	17.76	17.84	17.90	19.5	0
20	16QAM	1	49	17.88	17.72	17.77		
20	16QAM	1	99	17.65	17.86	17.84		
20	16QAM	50	0	17.77	17.87	17.62	19.5	0
20	16QAM	50	24	17.74	17.88	17.78		
20	16QAM	50	50	17.85	17.91	17.62		
20	16QAM	100	0	17.77	17.74	17.71		
20	64QAM	1	0	17.82	17.68	17.77	19.5	0
20	64QAM	1	49	17.75	17.65	17.56		
20	64QAM	1	99	17.79	17.64	17.66		
20	64QAM	50	0	17.80	17.93	17.98	19.5	0
20	64QAM	50	24	17.71	17.75	17.74		
20	64QAM	50	50	17.82	17.88	17.75		
20	64QAM	100	0	17.74	17.94	17.83		
20	256QAM	1	0	17.49	17.40	17.49	19	0.5
20	256QAM	1	49	17.42	17.30	17.42		
20	256QAM	1	99	17.35	17.62	17.33		
20	256QAM	50	0	17.51	17.53	17.48	19	0.5
20	256QAM	50	24	17.51	17.49	17.39		
20	256QAM	50	50	17.23	17.44	17.44		
20	256QAM	100	0	17.53	17.50	17.37		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.90	17.99	17.76	19.5	0
15	QPSK	1	37	17.60	17.86	17.77		
15	QPSK	1	74	17.72	17.81	17.68		
15	QPSK	36	0	17.90	17.94	17.81	19.5	0
15	QPSK	36	20	17.54	17.90	17.65		
15	QPSK	36	39	17.65	17.70	17.83		
15	QPSK	75	0	17.78	17.84	17.62		
15	16QAM	1	0	17.68	17.75	17.90	19.5	0
15	16QAM	1	37	17.71	17.61	17.66		
15	16QAM	1	74	17.70	17.82	17.76		
15	16QAM	36	0	17.72	17.83	17.63	19.5	0
15	16QAM	36	20	17.64	17.70	17.75		
15	16QAM	36	39	17.65	17.80	17.57		
15	16QAM	75	0	17.64	17.72	17.62		
15	64QAM	1	0	17.80	17.67	17.68	19.5	0
15	64QAM	1	37	17.55	17.64	17.61		
15	64QAM	1	74	17.60	17.54	17.66		
15	64QAM	36	0	17.63	17.83	17.88	19.5	0
15	64QAM	36	20	17.65	17.72	17.65		
15	64QAM	36	39	17.81	17.76	17.63		
15	64QAM	75	0	17.65	17.84	17.78		
15	256QAM	1	0	17.28	17.33	17.51	19	0.5
15	256QAM	1	37	17.41	17.22	17.44		
15	256QAM	1	74	17.21	17.48	17.14		
15	256QAM	36	0	17.41	17.50	17.43	19	0.5
15	256QAM	36	20	17.32	17.45	17.36		
15	256QAM	36	39	17.13	17.32	17.36		
15	256QAM	75	0	17.41	17.29	17.26		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.74	18.04	17.69	19.5	0
10	QPSK	1	25	17.73	17.77	17.76		
10	QPSK	1	49	17.71	17.83	17.63		
10	QPSK	25	0	17.87	18.01	17.87	19.5	0
10	QPSK	25	12	17.58	17.79	17.52		
10	QPSK	25	25	17.54	17.74	17.75		
10	QPSK	50	0	17.76	17.86	17.56		
10	16QAM	1	0	17.66	17.77	17.88	19.5	0
10	16QAM	1	25	17.62	17.56	17.77		
10	16QAM	1	49	17.52	17.70	17.77		
10	16QAM	25	0	17.62	17.81	17.50	19.5	0
10	16QAM	25	12	17.60	17.77	17.68		
10	16QAM	25	25	17.72	17.74	17.60		
10	16QAM	50	0	17.70	17.59	17.61		
10	64QAM	1	0	17.66	17.79	17.58	19.5	0
10	64QAM	1	25	17.72	17.50	17.54		
10	64QAM	1	49	17.77	17.59	17.65		
10	64QAM	25	0	17.76	17.76	17.90	19.5	0
10	64QAM	25	12	17.64	17.65	17.63		
10	64QAM	25	25	17.82	17.75	17.62		
10	64QAM	50	0	17.71	17.83	17.73		
10	256QAM	1	0	17.33	17.20	17.51	19	0.5
10	256QAM	1	25	17.33	17.20	17.31		
10	256QAM	1	49	17.32	17.61	17.32		
10	256QAM	25	0	17.49	17.50	17.47	19	0.5
10	256QAM	25	12	17.49	17.44	17.32		
10	256QAM	25	25	17.19	17.32	17.32		
10	256QAM	50	0	17.50	17.39	17.16		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.76	17.93	17.68	19.5	0
5	QPSK	1	12	17.59	17.72	17.67		
5	QPSK	1	24	17.65	17.94	17.55		
5	QPSK	12	0	17.92	17.85	17.89	19.5	0
5	QPSK	12	7	17.56	17.74	17.64		
5	QPSK	12	13	17.54	17.73	17.88		
5	QPSK	25	0	17.73	17.72	17.66		
5	16QAM	1	0	17.68	17.65	17.82	19.5	0
5	16QAM	1	12	17.67	17.65	17.62		
5	16QAM	1	24	17.54	17.74	17.79		
5	16QAM	12	0	17.69	17.77	17.53	19.5	0
5	16QAM	12	7	17.69	17.84	17.69		
5	16QAM	12	13	17.77	17.82	17.67		
5	16QAM	25	0	17.59	17.54	17.69	19.5	0
5	64QAM	1	0	17.81	17.52	17.64		
5	64QAM	1	12	17.71	17.76	17.50		
5	64QAM	1	24	17.68	17.54	17.60		
5	64QAM	12	0	17.75	17.89	17.83	19.5	0
5	64QAM	12	7	17.55	17.63	17.61		
5	64QAM	12	13	17.72	17.73	17.75		
5	64QAM	25	0	17.74	17.79	17.81		
5	256QAM	1	0	17.48	17.37	17.33	19	0.5
5	256QAM	1	12	17.34	17.31	17.34		
5	256QAM	1	24	17.15	17.58	17.29		
5	256QAM	12	0	17.48	17.46	17.36	19	0.5
5	256QAM	12	7	17.48	17.46	17.22		
5	256QAM	12	13	17.12	17.27	17.25		
5	256QAM	25	0	17.48	17.46	17.19		

Band 41 Ant 1

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	17.94	18.03	18.09	17.97	18.01	19.1	0
20	QPSK	1	49	17.85	17.98	17.93	17.97	17.93		
20	QPSK	1	99	17.90	17.79	18.02	17.95	17.92		
20	QPSK	50	0	18.00	17.93	18.04	18.00	17.89	19.1	0
20	QPSK	50	24	17.82	17.80	17.92	17.89	17.75		
20	QPSK	50	50	17.71	17.91	17.89	18.03	17.78		
20	QPSK	100	0	17.97	17.98	18.00	17.83	17.90		
20	16QAM	1	0	18.02	17.85	18.06	18.01	18.02	19.1	0
20	16QAM	1	49	17.92	17.86	17.96	17.93	17.84		
20	16QAM	1	99	17.70	17.69	17.84	17.94	17.77		
20	16QAM	50	0	17.91	18.03	17.97	17.63	17.90	19.1	0
20	16QAM	50	24	17.76	17.84	17.90	17.71	17.87		
20	16QAM	50	50	17.92	17.96	18.04	17.69	17.94		
20	16QAM	100	0	17.64	17.87	17.81	17.75	17.81		
20	64QAM	1	0	17.89	17.81	17.90	17.86	17.86	19.1	0
20	64QAM	1	49	17.64	17.83	17.73	17.77	17.72		
20	64QAM	1	99	17.54	17.72	17.70	17.69	17.58		
20	64QAM	50	0	17.96	18.03	18.03	18.08	17.97	19.1	0
20	64QAM	50	24	17.85	17.84	17.90	17.99	17.73		
20	64QAM	50	50	17.82	17.94	17.85	17.89	17.67		
20	64QAM	100	0	17.94	17.79	17.94	17.90	17.90		
20	256QAM	1	0	16.44	16.22	16.51	16.24	16.54	18	1.1
20	256QAM	1	49	16.53	16.16	16.56	16.21	16.59		
20	256QAM	1	99	16.49	16.11	16.56	16.23	16.60		
20	256QAM	50	0	16.38	16.16	16.58	16.20	16.50	18	1.1
20	256QAM	50	24	16.38	16.21	16.60	16.22	16.55		
20	256QAM	50	50	16.37	16.22	16.53	16.15	16.42		
20	256QAM	100	0	16.52	16.18	16.45	16.17	16.60		
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	17.90	17.91	17.93	17.93	18.00	19.10	0
15	QPSK	1	37	17.84	17.96	17.79	17.83	17.79		
15	QPSK	1	74	17.87	17.69	17.92	17.80	17.72		
15	QPSK	36	0	17.86	17.85	17.95	17.91	17.83	19.1	0
15	QPSK	36	20	17.77	17.65	17.89	17.72	17.67		
15	QPSK	36	39	17.59	17.78	17.89	18.01	17.74		
15	QPSK	75	0	17.89	17.96	17.99	17.80	17.85		
15	16QAM	1	0	17.87	17.79	17.88	17.90	18.01	19.1	0
15	16QAM	1	37	17.82	17.75	17.86	17.89	17.79		
15	16QAM	1	74	17.56	17.64	17.73	17.82	17.63		
15	16QAM	36	0	17.78	17.92	17.81	17.50	17.86	19.1	0
15	16QAM	36	20	17.71	17.69	17.76	17.54	17.73		
15	16QAM	36	39	17.83	17.92	17.85	17.51	17.86		
15	16QAM	75	0	17.54	17.78	17.76	17.72	17.72		
15	64QAM	1	0	17.87	17.74	17.72	17.86	17.70	19.1	0
15	64QAM	1	37	17.54	17.80	17.64	17.60	17.55		
15	64QAM	1	74	17.49	17.67	17.56	17.65	17.42		
15	64QAM	36	0	17.82	17.95	17.91	17.91	17.80	19.1	0
15	64QAM	36	20	17.85	17.68	17.81	17.92	17.56		
15	64QAM	36	39	17.79	17.88	17.80	17.76	17.58		
15	64QAM	75	0	17.76	17.73	17.90	17.73	17.83		
15	256QAM	1	0	16.44	16.07	16.42	16.24	16.49	18	1.1
15	256QAM	1	37	16.42	16.14	16.51	16.15	16.57		
15	256QAM	1	74	16.41	16.20	16.38	16.22	16.50		
15	256QAM	36	0	16.22	16.15	16.51	16.08	16.40	18	1.1
15	256QAM	36	20	16.32	16.15	16.54	16.16	16.39		
15	256QAM	36	39	16.19	16.12	16.46	16.10	16.31		
15	256QAM	75	0	16.36	16.09	16.45	16.09	16.53		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.82	17.92	17.94	17.84	17.86	19.10	0
10	QPSK	1	25	17.81	17.97	17.75	17.97	17.80		
10	QPSK	1	49	17.75	17.68	17.85	17.81	17.79		
10	QPSK	25	0	17.80	17.78	17.85	17.95	17.85	19.1	0
10	QPSK	25	12	17.70	17.71	17.73	17.82	17.70		
10	QPSK	25	25	17.58	17.76	17.83	18.01	17.73		
10	QPSK	50	0	17.88	17.82	17.87	17.76	17.73		
10	16QAM	1	0	17.82	17.82	18.05	17.98	17.83	19.1	0
10	16QAM	1	25	17.82	17.72	17.96	17.89	17.82		
10	16QAM	1	49	17.62	17.65	17.74	17.87	17.67		
10	16QAM	25	0	17.77	17.96	17.83	17.59	17.71	19.1	0
10	16QAM	25	12	17.58	17.76	17.82	17.59	17.82		
10	16QAM	25	25	17.88	17.77	17.94	17.59	17.86		
10	16QAM	50	0	17.56	17.71	17.69	17.68	17.66	19.1	0
10	64QAM	1	0	17.77	17.77	17.77	17.76	17.70		
10	64QAM	1	25	17.64	17.80	17.58	17.72	17.57		
10	64QAM	1	49	17.51	17.60	17.59	17.65	17.48		
10	64QAM	25	0	17.85	17.96	17.90	18.00	17.87	19.1	0
10	64QAM	25	12	17.79	17.83	17.73	17.85	17.55		
10	64QAM	25	25	17.74	17.83	17.82	17.85	17.60		
10	64QAM	50	0	17.78	17.70	17.90	17.88	17.79		
10	256QAM	1	0	16.22	16.38	16.37	16.24	16.40	18	1.1
10	256QAM	1	25	16.31	16.45	16.54	16.19	16.58		
10	256QAM	1	49	16.47	16.10	16.52	16.48	16.52		
10	256QAM	25	0	16.35	16.16	16.43	16.42	16.36	18	1.1
10	256QAM	25	12	16.31	16.32	16.44	16.34	16.48		
10	256QAM	25	25	16.31	16.35	16.53	16.37	16.30		
10	256QAM	50	0	16.31	16.13	16.36	16.05	16.43		
Channel				39675	40140	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.79	17.91	17.90	17.83	17.94	19.10	0
5	QPSK	1	12	17.71	17.84	17.93	17.80	17.92		
5	QPSK	1	24	17.74	17.66	18.00	17.77	17.86		
5	QPSK	12	0	17.83	17.80	17.99	17.82	17.84	19.1	0
5	QPSK	12	7	17.77	17.62	17.86	17.77	17.63		
5	QPSK	12	13	17.66	17.75	17.75	17.88	17.71		
5	QPSK	25	0	17.86	17.87	17.99	17.71	17.88		
5	16QAM	1	0	17.86	17.76	17.90	17.89	17.85	19.1	0
5	16QAM	1	12	17.89	17.81	17.77	17.82	17.81		
5	16QAM	1	24	17.77	17.53	17.69	17.93	17.67		
5	16QAM	12	0	17.75	17.86	17.83	17.52	17.70	19.1	0
5	16QAM	12	7	17.66	17.83	17.90	17.66	17.75		
5	16QAM	12	13	17.76	17.93	17.84	17.64	17.84		
5	16QAM	25	0	17.60	17.76	17.66	17.70	17.77		
5	64QAM	1	0	17.71	17.66	17.73	17.82	17.70	19.1	0
5	64QAM	1	12	17.61	17.69	17.71	17.74	17.53		
5	64QAM	1	24	17.48	17.70	17.55	17.54	17.42		
5	64QAM	12	0	17.96	17.94	17.89	18.01	17.81	19.1	0
5	64QAM	12	7	17.66	17.76	17.71	17.84	17.55		
5	64QAM	12	13	17.73	17.87	17.78	17.73	17.66		
5	64QAM	25	0	17.87	17.78	17.84	17.74	17.88		
5	256QAM	1	0	16.17	16.40	16.18	16.37	16.34	18	1.1
5	256QAM	1	12	16.16	16.34	16.53	16.22	16.43		
5	256QAM	1	24	16.37	16.14	16.35	16.40	16.43		
5	256QAM	12	0	16.17	16.14	16.32	16.27	16.31	18	1.1
5	256QAM	12	7	16.32	16.23	16.36	16.17	16.49		
5	256QAM	12	13	16.29	16.24	16.55	16.31	16.16		
5	256QAM	25	0	16.20	16.13	16.37	16.22	16.31		

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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	19.56	19.69	19.78	19.61	19.67	20.7	0
20	QPSK	1	49	19.58	19.71	19.58	19.76	19.66		
20	QPSK	1	99	19.62	19.56	19.65	19.67	19.65		
20	QPSK	50	0	19.63	19.53	19.73	19.66	19.67	20.7	0
20	QPSK	50	24	19.45	19.57	19.61	19.68	19.45		
20	QPSK	50	50	19.56	19.59	19.66	19.70	19.51		
20	QPSK	100	0	19.60	19.61	19.63	19.60	19.52		
20	16QAM	1	0	19.77	19.49	19.67	19.68	19.68	20.7	0
20	16QAM	1	49	19.58	19.60	19.74	19.72	19.64		
20	16QAM	1	99	19.55	19.50	19.56	19.60	19.56		
20	16QAM	50	0	19.61	19.66	19.64	19.53	19.65	20.7	0
20	16QAM	50	24	19.59	19.54	19.55	19.62	19.59		
20	16QAM	50	50	19.70	19.69	19.72	19.50	19.71		
20	16QAM	100	0	19.35	19.65	19.51	19.40	19.58		
20	64QAM	1	0	19.60	19.50	19.60	19.65	19.58	20.7	0
20	64QAM	1	49	19.52	19.62	19.50	19.47	19.52		
20	64QAM	1	99	19.48	19.51	19.46	19.46	19.41		
20	64QAM	50	0	19.63	19.66	19.73	19.60	19.73	20.7	0
20	64QAM	50	24	19.56	19.62	19.63	19.63	19.66		
20	64QAM	50	50	19.59	19.63	19.64	19.66	19.58		
20	64QAM	100	0	19.73	19.58	19.61	19.66	19.68		
20	256QAM	1	0	19.61	19.66	19.66	19.63	19.66	20.7	0
20	256QAM	1	49	19.68	19.70	19.72	19.69	19.71		
20	256QAM	1	99	19.62	19.76	19.68	19.56	19.60		
20	256QAM	50	0	19.66	19.70	19.71	19.65	19.76	20.7	0
20	256QAM	50	24	19.63	19.69	19.67	19.69	19.76		
20	256QAM	50	50	19.52	19.60	19.70	19.76	19.72		
20	256QAM	100	0	19.50	19.67	19.75	19.66	19.67		
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	19.43	19.62	19.68	19.53	19.60	20.7	0
15	QPSK	1	37	19.49	19.54	19.43	19.58	19.55		
15	QPSK	1	74	19.50	19.40	19.45	19.65	19.51		
15	QPSK	36	0	19.54	19.43	19.71	19.48	19.53	20.7	0
15	QPSK	36	20	19.34	19.47	19.58	19.61	19.45		
15	QPSK	36	39	19.43	19.42	19.47	19.70	19.38		
15	QPSK	75	0	19.40	19.60	19.46	19.60	19.35		
15	16QAM	1	0	19.71	19.35	19.56	19.63	19.51	20.7	0
15	16QAM	1	37	19.50	19.42	19.63	19.72	19.62		
15	16QAM	1	74	19.43	19.46	19.54	19.52	19.56		
15	16QAM	36	0	19.56	19.51	19.62	19.38	19.48	20.7	0
15	16QAM	36	20	19.59	19.45	19.53	19.54	19.45		
15	16QAM	36	39	19.56	19.52	19.71	19.32	19.68		
15	16QAM	75	0	19.21	19.64	19.34	19.29	19.40		
15	64QAM	1	0	19.41	19.48	19.48	19.59	19.55	20.7	0
15	64QAM	1	37	19.51	19.56	19.43	19.43	19.44		
15	64QAM	1	74	19.36	19.37	19.44	19.32	19.26		
15	64QAM	36	0	19.45	19.58	19.69	19.75	19.64	20.7	0
15	64QAM	36	20	19.36	19.56	19.55	19.61	19.49		
15	64QAM	36	39	19.54	19.56	19.53	19.54	19.44		
15	64QAM	75	0	19.65	19.41	19.51	19.58	19.66		
15	256QAM	1	0	19.42	19.36	19.62	19.34	19.51	20.7	0
15	256QAM	1	37	19.53	19.45	19.74	19.59	19.71		
15	256QAM	1	74	19.58	19.55	19.69	19.64	19.74		
15	256QAM	36	0	19.60	19.47	19.54	19.47	19.59	20.7	0
15	256QAM	36	20	19.63	19.66	19.74	19.44	19.77		
15	256QAM	36	39	19.43	19.55	19.76	19.39	19.68		
15	256QAM	75	0	19.45	19.42	19.65	19.34	19.54		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.49	19.54	19.77	19.52	19.54	21	0
10	QPSK	1	25	19.38	19.64	19.45	19.74	19.51		
10	QPSK	1	49	19.58	19.51	19.62	19.60	19.53		
10	QPSK	25	0	19.60	19.35	19.62	19.62	19.57	20.7	0
10	QPSK	25	12	19.37	19.50	19.58	19.52	19.35		
10	QPSK	25	25	19.47	19.51	19.51	19.54	19.36		
10	QPSK	50	0	19.49	19.60	19.56	19.58	19.34		
10	16QAM	1	0	19.66	19.32	19.58	19.60	19.59	20.7	0
10	16QAM	1	25	19.48	19.41	19.67	19.59	19.58		
10	16QAM	1	49	19.43	19.44	19.39	19.59	19.54		
10	16QAM	25	0	19.54	19.48	19.63	19.42	19.62	20.7	0
10	16QAM	25	12	19.58	19.51	19.40	19.46	19.58		
10	16QAM	25	25	19.52	19.64	19.71	19.35	19.60		
10	16QAM	50	0	19.31	19.57	19.32	19.20	19.51	20.7	0
10	64QAM	1	0	19.50	19.31

Band 42 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.47	22.56	22.42	24	0
20	QPSK	1	49	22.37	22.21	22.20		
20	QPSK	1	99	22.12	22.50	22.08		
20	QPSK	50	0	21.56	21.60	21.51	23	1
20	QPSK	50	24	21.51	21.47	21.34		
20	QPSK	50	50	21.43	21.53	21.36		
20	QPSK	100	0	21.34	21.45	21.31		
20	16QAM	1	0	21.31	21.68	21.36	23	1
20	16QAM	1	49	21.41	21.49	21.23		
20	16QAM	1	99	21.59	21.44	21.41		
20	16QAM	50	0	20.80	20.78	20.71	22	2
20	16QAM	50	24	20.65	20.66	20.56		
20	16QAM	50	50	20.47	20.69	20.68		
20	16QAM	100	0	20.69	20.63	20.65		
20	64QAM	1	0	20.69	20.51	20.52	22	2
20	64QAM	1	49	20.44	20.57	20.48		
20	64QAM	1	99	20.52	20.53	20.49		
20	64QAM	50	0	19.52	19.70	19.78	21	3
20	64QAM	50	24	19.52	19.62	19.62		
20	64QAM	50	50	19.55	19.78	19.56		
20	64QAM	100	0	19.60	19.66	19.50		
20	256QAM	1	0	17.76	17.66	17.74	19	5
20	256QAM	1	49	17.50	17.69	17.56		
20	256QAM	1	99	17.51	17.57	17.42		
20	256QAM	50	0	17.57	17.68	17.56	19	5
20	256QAM	50	24	17.42	17.57	17.43		
20	256QAM	50	50	17.54	17.57	17.49		
20	256QAM	100	0	17.51	17.52	17.45		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.29	22.44	22.28	24	0
15	QPSK	1	37	22.36	22.16	22.10		
15	QPSK	1	74	22.05	22.48	22.23		
15	QPSK	36	0	21.46	21.54	21.44	23	1
15	QPSK	36	20	21.32	21.38	21.34		
15	QPSK	36	39	21.37	21.48	21.17		
15	QPSK	75	0	21.15	21.36	21.19		
15	16QAM	1	0	21.14	21.60	21.36	23	1
15	16QAM	1	37	21.40	21.39	21.11		
15	16QAM	1	74	21.53	21.39	21.34		
15	16QAM	36	0	20.77	20.67	20.67	22	2
15	16QAM	36	20	20.49	20.56	20.43		
15	16QAM	36	39	20.44	20.66	20.52		
15	16QAM	75	0	20.68	20.43	20.60		
15	64QAM	1	0	20.64	20.47	20.45	22	2
15	64QAM	1	37	20.40	20.56	20.42		
15	64QAM	1	74	20.41	20.37	20.39		
15	64QAM	36	0	19.33	19.64	19.72	21	3
15	64QAM	36	20	19.48	19.46	19.43		
15	64QAM	36	39	19.50	19.67	19.47		
15	64QAM	75	0	19.44	19.48	19.46		
15	256QAM	1	0	17.61	17.54	17.58	19	5
15	256QAM	1	37	17.36	17.52	17.54		
15	256QAM	1	74	17.41	17.52	17.27		
15	256QAM	36	0	17.48	17.50	17.44	19	5
15	256QAM	36	20	17.24	17.41	17.25		
15	256QAM	36	39	17.47	17.39	17.31		
15	256QAM	75	0	17.41	17.48	17.27		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.32	22.55	22.26	24	0
10	QPSK	1	25	22.21	22.19	22.19		
10	QPSK	1	49	22.08	22.36	22.27		
10	QPSK	25	0	21.55	21.55	21.32	23	1
10	QPSK	25	12	21.37	21.44	21.33		
10	QPSK	25	25	21.36	21.39	21.33		
10	QPSK	50	0	21.23	21.35	21.19		
10	16QAM	1	0	21.21	21.57	21.25	23	1
10	16QAM	1	25	21.40	21.39	21.17		
10	16QAM	1	49	21.54	21.42	21.38		
10	16QAM	25	0	20.61	20.67	20.68	22	2
10	16QAM	25	12	20.57	20.63	20.47		
10	16QAM	25	25	20.31	20.69	20.57		
10	16QAM	50	0	20.67	20.44	20.63		
10	64QAM	1	0	20.52	20.42	20.50	22	2
10	64QAM	1	25	20.43	20.49	20.42		
10	64QAM	1	49	20.35	20.47	20.47		
10	64QAM	25	0	19.38	19.62	19.70	21	3
10	64QAM	25	12	19.48	19.45	19.58		
10	64QAM	25	25	19.55	19.64	19.54		
10	64QAM	50	0	19.51	19.52	19.46		
10	256QAM	1	0	17.68	17.59	17.59	19	5
10	256QAM	1	25	17.46	17.56	17.41		
10	256QAM	1	49	17.37	17.45	17.27		
10	256QAM	25	0	17.40	17.53	17.45	19	5
10	256QAM	25	12	17.27	17.42	17.32		
10	256QAM	25	25	17.46	17.38	17.48		
10	256QAM	50	0	17.42	17.49	17.37		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.38	22.40	22.42	24	0
5	QPSK	1	12	22.18	22.10	22.00		
5	QPSK	1	24	22.30	22.50	22.32		
5	QPSK	12	0	21.54	21.41	21.32	23	1
5	QPSK	12	7	21.35	21.43	21.19		
5	QPSK	12	13	21.26	21.50	21.23		
5	QPSK	25	0	21.31	21.44	21.23		
5	16QAM	1	0	21.28	21.63	21.22	23	1
5	16QAM	1	12	21.31	21.40	21.15		
5	16QAM	1	24	21.52	21.27	21.30		
5	16QAM	12	0	20.73	20.66	20.51	22	2
5	16QAM	12	7	20.63	20.62	20.52		
5	16QAM	12	13	20.28	20.65	20.55		
5	16QAM	25	0	20.59	20.49	20.61		
5	64QAM	1	0	20.50	20.41	20.50	22	2
5	64QAM	1	12	20.25	20.38	20.37		
5	64QAM	1	24	20.51	20.49	20.36		
5	64QAM	12	0	19.44	19.53	19.62	21	3
5	64QAM	12	7	19.48	19.56	19.45		
5	64QAM	12	13	19.43	19.74	19.46		
5	64QAM	25	0	19.42	19.47	19.35		
5	256QAM	1	0	17.61	17.58	17.73	19	5
5	256QAM	1	12	17.48	17.64	17.48		
5	256QAM	1	24	17.47	17.51	17.29		
5	256QAM	12	0	17.56	17.62	17.37	19	5
5	256QAM	12	7	17.41	17.41	17.29		
5	256QAM	12	13	17.43	17.41	17.43		
5	256QAM	25	0	17.37	17.34	17.33		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	16.36	16.39	16.26	17.2	0
20	QPSK	1	49	16.26	16.26	16.14		
20	QPSK	1	99	16.18	16.25	16.26		
20	QPSK	50	0	16.30	16.33	16.32	17.2	0
20	QPSK	50	24	16.09	16.30	16.09		
20	QPSK	50	50	16.17	16.29	16.25		
20	QPSK	100	0	16.20	16.24	16.18		
20	16QAM	1	0	16.08	16.30	16.26	17.2	0
20	16QAM	1	49	16.14	16.14	16.31		
20	16QAM	1	99	16.13	16.07	16.24		
20	16QAM	50	0	16.32	16.25	15.96	17.2	0
20	16QAM	50	24	16.22	16.32	16.10		
20	16QAM	50	50	16.20	16.29	16.08		
20	16QAM	100	0	16.13	16.15	16.10		
20	64QAM	1	0	16.06	16.20	16.21	17.2	0
20	64QAM	1	49	16.25	16.06	16.11		
20	64QAM	1	99	16.17	16.13	16.14		
20	64QAM	50	0	16.29	16.29	16.35	17.2	0
20	64QAM	50	24	16.18	16.25	16.25		
20	64QAM	50	50	16.22	16.23	16.23		
20	64QAM	100	0	16.16	16.24	16.16		
20	256QAM	1	0	16.16	16.17	16.27	17.2	0
20	256QAM	1	49	16.08	16.24	16.00		
20	256QAM	1	99	16.09	16.16	15.96		
20	256QAM	50	0	16.12	16.20	16.16	17.2	0
20	256QAM	50	24	16.04	16.28	16.18		
20	256QAM	50	50	16.22	16.19	16.15		
20	256QAM	100	0	16.18	16.20	16.10		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	16.18	16.29	16.19	17.2	0
15	QPSK	1	37	16.13	16.10	16.03		
15	QPSK	1	74	16.17	16.09	16.21		
15	QPSK	36	0	16.21	16.17	16.25	17.2	0
15	QPSK	36	20	15.99	16.28	15.90		
15	QPSK	36	39	16.07	16.11	16.07		
15	QPSK	75	0	16.17	16.23	16.07		
15	16QAM	1	0	15.89	16.12	16.36	17.2	0
15	16QAM	1	37	15.97	15.97	16.15		
15	16QAM	1	74	15.99	15.88	16.04		
15	16QAM	36	0	16.25	16.10	15.95	17.2	0
15	16QAM	36	20	16.21	16.18	16.01		
15	16QAM	36	39	16.08	16.13	15.94		
15	16QAM	75	0	16.00	16.02	16.03		
15	64QAM	1	0	15.92	16.10	16.21	17.2	0
15	64QAM	1	37	16.06	15.98	15.93		
15	64QAM	1	74	16.02	15.95	16.08		
15	64QAM	36	0	16.19	16.13	16.24	17.2	0
15	64QAM	36	20	16.11	16.09	16.06		
15	64QAM	36	39	16.14	16.10	16.12		
15	64QAM	75	0	16.06	16.06	16.05		
15	256QAM	1	0	16.15	16.02	16.18	17.2	0
15	256QAM	1	37	16.00	16.09	15.85		
15	256QAM	1	74	15.96	16.03	15.80		
15	256QAM	36	0	16.10	16.36	16.10	17.2	0
15	256QAM	36	20	16.02	16.15	16.01		
15	256QAM	36	39	16.09	16.18	15.96		
15	256QAM	75	0	16.01	16.11	16.00		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	16.21	16.25	16.12	17.2	0
10	QPSK	1	25	16.18	16.13	16.11		
10	QPSK	1	49	16.18	16.09	16.24		
10	QPSK	25	0	16.19	16.25	16.30	17.2	0
10	QPSK	25	12	15.99	16.20	16.05		
10	QPSK	25	25	16.16	16.12	16.09		
10	QPSK	50	0	16.18	16.24	16.13		
10	16QAM	1	0	15.90	16.12	16.29	17.2	0
10	16QAM	1	25	16.01	15.97	16.30		
10	16QAM	1	49	15.98	16.05	16.07		
10	16QAM	25	0	16.26	16.19	15.80	17.2	0
10	16QAM	25	12	16.17	16.29	15.90		
10	16QAM	25	25	16.15	16.24	16.05		
10	16QAM	50	0	15.96	16.03	15.96		
10	64QAM	1	0	15.98	16.15	16.11	17.2	0
10	64QAM	1	25	16.18	15.91	15.92		
10	64QAM	1	49	16.11	16.06	16.03		
10	64QAM	25	0	16.24	16.22	16.30	17.2	0
10	64QAM	25	12	16.01	16.19	16.13		
10	64QAM	25	25	16.03	16.13	16.09		
10	64QAM	50	0	16.03	16.12	16.10		
10	256QAM	1	0	16.09	16.10	16.10	17.2	0
10	256QAM	1	25	16.07	16.05	15.98		
10	256QAM	1	49	16.02	16.12	15.89		
10	256QAM	25	0	16.09	16.34	16.10	17.2	0
10	256QAM	25	12	15.93	16.20	16.11		
10	256QAM	25	25	16.03	16.16	16.11		
10	256QAM	50	0	16.00	16.06	15.98		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	16.24	16.31	16.07	17.2	0
5	QPSK	1	12	16.11	16.17	16.13		
5	QPSK	1	24	16.03	16.23	16.17		
5	QPSK	12	0	16.19	16.14	16.28	17.2	0
5	QPSK	12	7	15.99	16.15	15.97		
5	QPSK	12	13	16.01	16.14	16.17		
5	QPSK	25	0	16.14	16.11	16.14		
5	16QAM	1	0	15.92	16.23	16.19	17.2	0
5	16QAM	1	12	16.03	16.00	16.16		
5	16QAM	1	24	15.96	16.05	16.12		
5	16QAM	12	0	16.23	16.13	15.79	17.2	0
5	16QAM	12	7	16.20	16.26	15.98		
5	16QAM	12	13	16.20	16.29	16.06		
5	16QAM	25	0	16.06	16.05	16.08		
5	64QAM	1	0	16.05	16.12	16.05	17.2	0
5	64QAM	1	12	16.12	15.92	15.95		
5	64QAM	1	24	16.06	15.95	16.07		
5	64QAM	12	0	16.14	16.15	16.25	17.2	0
5	64QAM	12	7	16.03	16.18	16.20		
5	64QAM	12	13	16.20	16.19	16.22		
5	64QAM	25	0	16.04	16.19	16.06		
5	256QAM	1	0	16.09	16.03	16.09	17.2	0
5	256QAM	1	12	15.92	16.12	15.80		
5	256QAM	1	24	15.97	16.06	15.92		
5	256QAM	12	0	16.10	16.28	16.24	17.2	0
5	256QAM	12	7	15.84	16.12	16.14		
5	256QAM	12	13	16.21	16.12	16.09		
5	256QAM	25	0	15.99	16.15	16.00		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	14.15	14.21	14.06	15.3	0
20	QPSK	1	49	14.15	14.08	14.01		
20	QPSK	1	99	13.95	14.06	14.04		
20	QPSK	50	0	14.09	14.18	14.14	15.3	0
20	QPSK	50	24	13.81	14.10	13.79		
20	QPSK	50	50	13.87	14.14	13.98		
20	QPSK	100	0	14.09	14.13	14.05		
20	16QAM	1	0	13.79	14.04	13.97	15.3	0
20	16QAM	1	49	13.85	13.98	14.18		
20	16QAM	1	99	13.85	13.84	13.95		
20	16QAM	50	0	14.14	14.14	13.81	15.3	0
20	16QAM	50	24	14.10	14.05	13.97		
20	16QAM	50	50	14.07	14.14	13.89		
20	16QAM	100	0	13.84	13.89	13.85		
20	64QAM	1	0	13.93	13.92	13.98	15.3	0
20	64QAM	1	49	14.10	13.95	13.95		
20	64QAM	1	99	14.02	13.95	13.92		
20	64QAM	50	0	14.13	14.05	14.09	15.3	0
20	64QAM	50	24	13.91	14.06	14.03		
20	64QAM	50	50	14.10	13.99	14.02		
20	64QAM	100	0	14.00	14.02	14.00		
20	256QAM	1	0	14.00	13.88	14.04	15.3	0
20	256QAM	1	49	13.95	14.13	13.90		
20	256QAM	1	99	13.91	14.01	13.75		
20	256QAM	50	0	13.87	13.94	13.87	15.3	0
20	256QAM	50	24	13.82	14.05	13.95		
20	256QAM	50	50	13.83	13.90	13.89		
20	256QAM	100	0	13.95	13.95	13.98		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.5	3500	3542.5		
15	QPSK	1	0	14.08	14.19	14.02	15.3	0
15	QPSK	1	37	14.13	13.93	14.01		
15	QPSK	1	74	13.80	13.90	14.02		
15	QPSK	36	0	14.07	14.12	14.04	15.3	0
15	QPSK	36	20	13.76	14.02	13.77		
15	QPSK	36	39	13.81	14.13	13.88		
15	QPSK	75	0	14.05	14.12	13.96		
15	16QAM	1	0	13.63	13.93	13.78	15.3	0
15	16QAM	1	37	13.73	13.91	14.01		
15	16QAM	1	74	13.69	13.80	13.76		
15	16QAM	36	0	13.97	14.02	13.77	15.3	0
15	16QAM	36	20	13.93	13.93	13.78		
15	16QAM	36	39	14.05	13.94	13.76		
15	16QAM	75	0	13.84	13.74	13.67		
15	64QAM	1	0	13.86	13.84	13.90	15.3	0
15	64QAM	1	37	13.99	13.78	13.76		
15	64QAM	1	74	13.91	13.90	13.77		
15	64QAM	36	0	14.11	13.89	13.96	15.3	0
15	64QAM	36	20	13.87	13.93	13.92		
15	64QAM	36	39	13.99	13.81	13.91		
15	64QAM	75	0	13.85	14.02	13.84		
15	256QAM	1	0	13.98	13.73	13.94	15.3	0
15	256QAM	1	37	13.91	14.03	13.88		
15	256QAM	1	74	13.72	13.84	13.67		
15	256QAM	36	0	13.80	13.88	13.73	15.3	0
15	256QAM	36	20	13.74	13.99	13.88		
15	256QAM	36	39	13.68	13.89	13.72		
15	256QAM	75	0	13.88	13.76	13.90		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	14.08	14.13	13.92	15.3	0
10	QPSK	1	25	14.11	14.05	13.88		
10	QPSK	1	49	13.82	13.93	13.89		
10	QPSK	25	0	14.02	14.08	14.05	15.3	0
10	QPSK	25	12	13.73	13.99	13.70		
10	QPSK	25	25	13.80	13.96	13.96		
10	QPSK	50	0	13.99	13.94	13.94		
10	16QAM	1	0	13.79	14.01	13.81	15.3	0
10	16QAM	1	25	13.80	13.87	14.01		
10	16QAM	1	49	13.68	13.79	13.86		
10	16QAM	25	0	14.10	14.02	13.70	15.3	0
10	16QAM	25	12	13.99	13.90	13.95		
10	16QAM	25	25	13.96	13.95	13.76		
10	16QAM	50	0	13.73	13.86	13.70		
10	64QAM	1	0	13.79	13.83	13.94	15.3	0
10	64QAM	1	25	13.98	13.89	13.76		
10	64QAM	1	49	13.84	13.93	13.83		
10	64QAM	25	0	14.12	13.94	14.01	15.3	0
10	64QAM	25	12	13.72	13.94	13.97		
10	64QAM	25	25	14.08	13.81	13.84		
10	64QAM	50	0	13.84	13.92	13.84		
10	256QAM	1	0	13.88	13.81	13.85	15.3	0
10	256QAM	1	25	13.90	14.00	13.83		
10	256QAM	1	49	13.88	13.90	13.65		
10	256QAM	25	0	13.82	13.80	13.75	15.3	0
10	256QAM	25	12	13.75	13.92	13.81		
10	256QAM	25	25	13.81	13.72	13.79		
10	256QAM	50	0	13.91	13.89	13.89		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	14.10	14.06	13.92	15.3	0
5	QPSK	1	12	14.07	14.01	13.98		
5	QPSK	1	24	13.86	14.01	13.93		
5	QPSK	12	0	14.01	14.01	14.08	15.3	0
5	QPSK	12	7	13.78	13.92	13.67		
5	QPSK	12	13	13.82	13.99	13.86		
5	QPSK	25	0	13.95	14.06	13.89		
5	16QAM	1	0	13.74	13.85	13.77	15.3	0
5	16QAM	1	12	13.81	13.92	14.14		
5	16QAM	1	24	13.72	13.67	13.84		
5	16QAM	12	0	13.95	14.10	13.79	15.3	0
5	16QAM	12	7	14.05	13.96	13.96		
5	16QAM	12	13	13.90	14.13	13.77		
5	16QAM	25	0	13.69	13.80	13.66		
5	64QAM	1	0	13.91	13.77	13.83	15.3	0
5	64QAM	1	12	14.00	13.76	13.94		
5	64QAM	1	24	13.98	13.76	13.81		
5	64QAM	12	0	13.97	13.91	13.89	15.3	0
5	64QAM	12	7	13.79	13.96	13.89		
5	64QAM	12	13	14.01	13.93	13.88		
5	64QAM	25	0	13.93	13.94	13.89		
5	256QAM	1	0	13.83	13.81	13.91	15.3	0
5	256QAM	1	12	13.90	14.01	13.79		
5	256QAM	1	24	13.91	14.01	13.57		
5	256QAM	12	0	13.74	13.93	13.74	15.3	0
5	256QAM	12	7	13.74	13.90	13.86		
5	256QAM	12	13	13.72	13.82	13.71		
5	256QAM	25	0	13.88	13.85	13.97		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	16.40	16.57	16.17	17.8	0
20	QPSK	1	49	16.32	16.25	16.20		
20	QPSK	1	99	16.33	16.16	16.25		
20	QPSK	50	0	16.17	16.34	16.17	17.8	0
20	QPSK	50	24	16.15	16.24	16.19		
20	QPSK	50	50	16.27	16.25	16.24		
20	QPSK	100	0	16.33	16.46	16.12		
20	16QAM	1	0	16.19	16.20	16.19	17.8	0
20	16QAM	1	49	16.37	16.15	15.94		
20	16QAM	1	99	16.31	16.40	16.11		
20	16QAM	50	0	16.41	16.36	16.03	17.8	0
20	16QAM	50	24	16.39	16.39	16.01		
20	16QAM	50	50	16.31	16.42	16.15		
20	16QAM	100	0	16.20	16.23	16.06		
20	64QAM	1	0	16.16	16.27	16.21	17.8	0
20	64QAM	1	49	16.26	16.19	16.00		
20	64QAM	1	99	16.26	16.21	16.07		
20	64QAM	50	0	16.39	16.28	16.18	17.8	0
20	64QAM	50	24	16.21	16.33	16.06		
20	64QAM	50	50	16.30	16.27	16.22		
20	64QAM	100	0	16.46	16.48	16.09		
20	256QAM	1	0	16.22	16.42	16.00	17.8	0
20	256QAM	1	49	16.33	16.49	16.19		
20	256QAM	1	99	16.35	16.45	16.09		
20	256QAM	50	0	16.28	16.54	16.19	17.8	0
20	256QAM	50	24	16.41	16.53	16.13		
20	256QAM	50	50	16.42	16.54	16.19		
20	256QAM	100	0	16.36	16.41	16.10		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.5	3500	3542.5		
15	QPSK	1	0	16.22	16.39	16.02	17.8	0
15	QPSK	1	37	16.28	16.18	16.04		
15	QPSK	1	74	16.20	15.96	16.16		
15	QPSK	36	0	16.14	16.18	16.18	17.8	0
15	QPSK	36	20	16.16	16.04	16.07		
15	QPSK	36	39	16.11	16.04	16.18		
15	QPSK	75	0	16.13	16.31	16.03		
15	16QAM	1	0	16.03	16.21	15.99	17.8	0
15	16QAM	1	37	16.25	16.12	15.81		
15	16QAM	1	74	16.19	16.26	16.01		
15	16QAM	36	0	16.20	16.28	15.87	17.8	0
15	16QAM	36	20	16.31	16.26	15.83		
15	16QAM	36	39	16.21	16.24	16.14		
15	16QAM	75	0	16.02	16.02	15.88		
15	64QAM	1	0	16.00	16.23	16.12	17.8	0
15	64QAM	1	37	16.19	16.07	15.93		
15	64QAM	1	74	16.25	16.05	16.03		
15	64QAM	36	0	16.35	16.11	16.16	17.8	0
15	64QAM	36	20	16.18	16.13	16.05		
15	64QAM	36	39	16.28	16.16	16.03		
15	64QAM	75	0	16.33	16.37	16.10		
15	256QAM	1	0	16.13	16.37	15.92	17.8	0
15	256QAM	1	37	16.18	16.36	16.10		
15	256QAM	1	74	16.33	16.32	15.95		
15	256QAM	36	0	16.08	16.47	16.20	17.8	0
15	256QAM	36	20	16.27	16.40	16.15		
15	256QAM	36	39	16.22	16.37	16.10		
15	256QAM	75	0	16.29	16.35	16.09		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	16.35	16.35	16.00	17.8	0
10	QPSK	1	25	16.28	16.08	16.20		
10	QPSK	1	49	16.11	16.10	16.25		
10	QPSK	25	0	16.01	16.35	16.13	17.8	0
10	QPSK	25	12	16.02	16.15	16.07		
10	QPSK	25	25	16.18	16.16	16.08		
10	QPSK	50	0	16.13	16.37	15.91		
10	16QAM	1	0	16.09	16.17	16.11	17.8	0
10	16QAM	1	25	16.30	16.01	16.31		
10	16QAM	1	49	16.12	16.28	16.43		
10	16QAM	25	0	16.30	16.35	15.88	17.8	0
10	16QAM	25	12	16.28	16.29	16.02		
10	16QAM	25	25	16.27	16.27	16.16		
10	16QAM	50	0	16.05	16.05	15.86		
10	64QAM	1	0	16.02	16.28	16.07	17.8	0
10	64QAM	1	25	16.20	16.05	16.02		
10	64QAM	1	49	16.19	16.06	15.97		
10	64QAM	25	0	16.32	16.07	16.12	17.8	0
10	64QAM	25	12	16.23	16.23	15.87		
10	64QAM	25	25	16.31	16.15	16.01		
10	64QAM	50	0	16.45	16.36	16.29		
10	256QAM	1	0	16.03	16.43	16.36	17.8	0
10	256QAM	1	25	16.20	16.28	16.15		
10	256QAM	1	49	16.25	16.28	16.34		
10	256QAM	25	0	16.13	16.42	16.02	17.8	0
10	256QAM	25	12	16.32	16.34	16.05		
10	256QAM	25	25	16.35	16.39	16.19		
10	256QAM	50	0	16.30	16.32	15.93		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	16.19	16.25	16.00	17.8	0
5	QPSK	1	12	16.25	16.17	16.21		
5	QPSK	1	24	16.35	16.04	16.08		
5	QPSK	12	0	16.02	16.23	16.17	17.8	0
5	QPSK	12	7	16.13	16.03	15.98		
5	QPSK	12	13	16.18	16.15	16.26		
5	QPSK	25	0	16.28	16.31	15.99		
5	16QAM	1	0	16.00	16.21	15.98	17.8	0
5	16QAM	1	12	16.20	16.08	15.89		
5	16QAM	1	24	16.22	16.20	16.11		
5	16QAM	12	0	16.24	16.33	15.95	17.8	0
5	16QAM	12	7	16.21	16.29	16.02		
5	16QAM	12	13	16.25	16.40	16.09		
5	16QAM	25	0	16.18	16.19	15.97		
5	64QAM	1	0	16.11	16.09	16.19	17.8	0
5	64QAM	1	12	16.11	16.13	15.86		
5	64QAM	1	24	16.24	16.19	15.86		
5	64QAM	12	0	16.35	16.27	16.13	17.8	0
5	64QAM	12	7	16.09	16.19	15.90		
5	64QAM	12	13	16.19	16.09	16.01		
5	64QAM	25	0	16.43	16.40	16.32		
5	256QAM	1	0	16.08	16.23	15.98	17.8	0
5	256QAM	1	12	16.13	16.28	16.19		
5	256QAM	1	24	16.18	16.42	16.02		
5	256QAM	12	0	16.25	16.49	16.03	17.8	0
5	256QAM	12	7	16.43	16.43	16.01		
5	256QAM	12	13	16.38	16.43	16.21		
5	256QAM	25	0	16.30	16.30	16.07		

Default& ECI4 Power for Other PA

Band 4 Ant 0 Other PA

BW [MHz]	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	22.90	22.91	22.64	24	0
20	QPSK	1	49	22.61	22.57	22.73		
20	QPSK	1	99	22.62	22.70	22.83		
20	QPSK	50	0	21.73	21.92	21.89	23	1
20	QPSK	50	24	21.85	21.77	21.61		
20	QPSK	50	50	21.55	21.79	21.67		
20	QPSK	100	0	21.71	21.73	21.72		
20	16QAM	1	0	21.67	21.61	21.65	23	1
20	16QAM	1	49	21.70	21.71	21.67		
20	16QAM	1	99	21.59	21.80	21.59		
20	16QAM	50	0	20.76	20.73	20.76	22	2
20	16QAM	50	24	20.74	20.83	20.84		
20	16QAM	50	50	20.92	20.79	20.73		
20	16QAM	100	0	20.96	20.88	20.82		
20	64QAM	1	0	20.93	20.83	21.02	22	2
20	64QAM	1	49	20.78	20.63	20.86		
20	64QAM	1	99	20.77	20.62	20.88		
20	64QAM	50	0	19.65	19.63	19.80	21	3
20	64QAM	50	24	19.77	19.63	19.77		
20	64QAM	50	50	19.67	19.97	19.60		
20	64QAM	100	0	19.75	19.81	19.53		
20	256QAM	1	0	17.69	17.74	17.66	19	5
20	256QAM	1	49	17.81	17.76	17.79		
20	256QAM	1	99	17.71	17.74	17.54		
20	256QAM	50	0	17.81	17.91	17.80	19	5
20	256QAM	50	24	17.59	17.75	17.64		
20	256QAM	50	50	17.88	17.84	17.83		
20	256QAM	100	0	17.74	17.83	17.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.80	22.81	22.59	24	0
15	QPSK	1	37	22.39	22.39	22.64		
15	QPSK	1	74	22.63	22.52	22.79		
15	QPSK	36	0	21.70	21.74	21.69	23	1
15	QPSK	36	20	21.73	21.69	21.54		
15	QPSK	36	39	21.38	21.62	21.50		
15	QPSK	75	0	21.69	21.70	21.68		
15	16QAM	1	0	21.48	21.42	21.66	23	1
15	16QAM	1	37	21.72	21.63	21.49		
15	16QAM	1	74	21.57	21.59	21.39		
15	16QAM	36	0	20.66	20.72	20.68	22	2
15	16QAM	36	20	20.73	20.82	20.64		
15	16QAM	36	39	20.76	20.70	20.57		
15	16QAM	75	0	20.94	20.85	20.61		
15	64QAM	1	0	20.71	20.62	20.91	22	2
15	64QAM	1	37	20.77	20.62	20.73		
15	64QAM	1	74	20.69	20.52	20.83		
15	64QAM	36	0	19.46	19.44	19.78	21	3
15	64QAM	36	20	19.59	19.43	19.61		
15	64QAM	36	39	19.46	19.76	19.45		
15	64QAM	75	0	19.76	19.76	19.41		
15	256QAM	1	0	17.70	17.61	17.60	19	5
15	256QAM	1	37	17.82	17.55	17.80		
15	256QAM	1	74	17.59	17.62	17.51		
15	256QAM	36	0	17.61	17.90	17.75	19	5
15	256QAM	36	20	17.51	17.76	17.66		
15	256QAM	36	39	17.79	17.77	17.76		
15	256QAM	75	0	17.73	17.75	17.50		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.87	22.82	22.58	24	0
10	QPSK	1	25	22.53	22.42	22.67		
10	QPSK	1	49	22.42	22.59	22.62		
10	QPSK	25	0	21.66	21.73	21.90	23	1
10	QPSK	25	12	21.78	21.65	21.50		
10	QPSK	25	25	21.59	21.60	21.54		
10	QPSK	50	0	21.54	21.60	21.69		
10	16QAM	1	0	21.67	21.47	21.63	23	1
10	16QAM	1	25	21.60	21.51	21.67		
10	16QAM	1	49	21.44	21.72	21.43		
10	16QAM	25	0	20.61	20.70	20.76	22	2
10	16QAM	25	12	20.53	20.63	20.74		
10	16QAM	25	25	20.74	20.81	20.61		
10	16QAM	50	0	20.97	20.67	20.68		
10	64QAM	1	0	20.92	20.61	20.88	22	2
10	64QAM	1	25	20.58	20.64	20.83		
10	64QAM	1	49	20.68	20.62	20.82		
10	64QAM	25	0	19.50	19.54	19.80	21	3
10	64QAM	25	12	19.74	19.43	19.67		
10	64QAM	25	25	19.62	19.84	19.53		
10	64QAM	50	0	19.56	19.67	19.50		
10	256QAM	1	0	17.62	17.65	17.51	19	5
10	256QAM	1	25	17.75	17.59	17.77		
10	256QAM	1	49	17.58	17.55	17.32		
10	256QAM	25	0	17.71	17.88	17.59	19	5
10	256QAM	25	12	17.54	17.62	17.64		
10	256QAM	25	25	17.88	17.79	17.78		
10	256QAM	50	0	17.63	17.82	17.51		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.78	22.81	22.61	24	0
5	QPSK	1	12	22.41	22.56	22.71		
5	QPSK	1	24	22.63	22.64	22.83		
5	QPSK	12	0	21.71	21.70	21.76	23	1
5	QPSK	12	7	21.68	21.65	21.43		
5	QPSK	12	13	21.39	21.81	21.65		
5	QPSK	25	0	21.58	21.62	21.53		
5	16QAM	1	0	21.49	21.50	21.53	23	1
5	16QAM	1	12	21.53	21.60	21.67		
5	16QAM	1	24	21.39	21.82	21.45		
5	16QAM	12	0	20.57	20.61	20.67	22	2
5	16QAM	12	7	20.61	20.75	20.78		
5	16QAM	12	13	20.70	20.80	20.72		
5	16QAM	25	0	20.75	20.79	20.65		
5	64QAM	1	0	20.71	20.84	20.97	22	2
5	64QAM	1	12	20.64	20.59	20.66		
5	64QAM	1	24	20.59	20.59	20.69		
5	64QAM	12	0	19.56	19.62	19.70	21	3
5	64QAM	12	7	19.71	19.55	19.65		
5	64QAM	12	13	19.52	19.92	19.42		
5	64QAM	25	0	19.73	19.70	19.41		
5	256QAM	1	0	17.56	17.68	17.54	19	5
5	256QAM	1	12	17.82	17.77	17.60		
5	256QAM	1	24	17.66	17.62	17.38		
5	256QAM	12	0	17.71	17.81	17.72	19	5
5	256QAM	12	7	17.55	17.55	17.65		
5	256QAM	12	13	17.81	17.77	17.70		
5	256QAM	25	0	17.58	17.66	17.50		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.75	22.71	22.44	24	0
3	QPSK	1	8	22.45	22.45	22.62		
3	QPSK	1	14	22.41	22.61	22.69		
3	QPSK	8	0	21.54	21.89	21.82	23	1
3	QPSK	8	4	21.64	21.61	21.51		
3	QPSK	8	7	21.49	21.59	21.63		
3	QPSK	15	0	21.66	21.60	21.74		
3	16QAM	1	0	21.63	21.42	21.51	23	1
3	16QAM	1	8	21.58	21.66	21.46		
3	16QAM	1	14	21.50	21.65	21.48		
3	16QAM	8	0	20.74	20.71	20.63	22	2
3	16QAM	8	4	20.52	20.66	20.67		
3	16QAM	8	7	20.73	20.60	20.70		
3	16QAM	15	0	20.87	20.88	20.67		
3	64QAM	1	0	20.86	20.62	20.82	22	2
3	64QAM	1	8	20.73	20.42	20.76		
3	64QAM	1	14	20.77	20.53	20.86		
3	64QAM	8	0	19.56	19.43	19.68	21	3
3	64QAM	8	4	19.75	19.58	19.66		
3	64QAM	8	7	19.61	19.82	19.43		
3	64QAM	15	0	19.53	19.59	19.52		
3	256QAM	1	0	17.64	17.67	17.50	19	5
3	256QAM	1	8	17.79	17.60	17.63		
3	256QAM	1	14	17.55	17.64	17.52		
3	256QAM	8	0	17.66	17.86	17.62	19	5
3	256QAM	8	4	17.41	17.64	17.51		
3	256QAM	8	7	17.76	17.71	17.63		
3	256QAM	15	0	17.58	17.74	17.54		
Channel				19727	20175	20623	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.91	22.90	22.45	24	0
1.4	QPSK	1	3	22.57	22.42	22.61		
1.4	QPSK	1	5	22.55	22.75	22.71		
1.4	QPSK	3	0	22.85	22.82	22.63		
1.4	QPSK	3	1	22.45	22.56	22.42		
1.4	QPSK	3	3	22.48	22.84	22.61		
1.4	QPSK	6	0	21.59	21.88	21.66	23	1
1.4	16QAM	1	0	21.54	21.38	21.43	23	1
1.4	16QAM	1	3	21.54	21.58	21.41		
1.4	16QAM	1	5	21.37	21.71	21.47		
1.4	16QAM	3	0	21.55	21.89	21.78		
1.4	16QAM	3	1	21.52	21.51	21.49		
1.4	16QAM	3	3	21.48	21.83	21.66		
1.4	16QAM	6	0	20.90	20.78	20.67	22	2
1.4	64QAM	1	0	20.90	20.59	20.97	22	2
1.4	64QAM	1	3	20.71	20.49	20.79		
1.4	64QAM	1	5	20.85	20.59	20.74		
1.4	64QAM	3	0	20.50	20.66	20.80		
1.4	64QAM	3	1	20.37	20.71	20.86		
1.4	64QAM	3	3	20.61	20.72	20.78		
1.4	64QAM	6	0	19.65	19.77	19.66	21	3
1.4	256QAM	1	0	17.51	17.83	17.85	19	5
1.4	256QAM	1	3	17.86	17.67	17.68		
1.4	256QAM	1	5	17.68	17.52	17.37		
1.4	256QAM	3	0	17.71	17.88	17.63		
1.4	256QAM	3	1	17.49	17.82	17.56		
1.4	256QAM	3	3	17.70	17.63	17.73		
1.4	256QAM	6	0	17.66	17.72	17.64	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	22.61	22.65	22.57	24	0
20	QPSK	1	49	22.50	22.55	22.21		
20	QPSK	1	99	22.52	22.60	22.26		
20	QPSK	50	0	21.55	21.68	21.58	23	1
20	QPSK	50	24	21.52	21.51	21.67		
20	QPSK	50	50	21.54	21.44	21.49		
20	QPSK	100	0	21.65	21.72	21.59		
20	16QAM	1	0	21.28	21.56	21.51	23	1
20	16QAM	1	49	21.14	21.41	21.40		
20	16QAM	1	99	21.23	21.49	21.20		
20	16QAM	50	0	20.47	20.58	20.67	22	2
20	16QAM	50	24	20.58	20.53	20.62		
20	16QAM	50	50	20.47	20.63	20.36		
20	16QAM	100	0	20.22	20.56	20.54		
20	64QAM	1	0	20.57	20.50	20.47	22	2
20	64QAM	1	49	20.18	20.33	20.42		
20	64QAM	1	99	20.35	20.47	20.26		
20	64QAM	50	0	19.42	19.55	19.59	21	3
20	64QAM	50	24	19.42	19.46	19.51		
20	64QAM	50	50	19.32	19.46	19.47		
20	64QAM	100	0	19.41	19.58	19.34		
20	256QAM	1	0	17.36	17.75	17.41	19	5
20	256QAM	1	49	17.26	17.27	17.32		
20	256QAM	1	99	17.38	17.40	17.37		
20	256QAM	50	0	17.47	17.70	17.40	19	5
20	256QAM	50	24	17.49	17.73	17.25		
20	256QAM	50	50	17.42	17.49	17.30		
20	256QAM	100	0	17.29	17.70	17.51		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.51	22.40	22.53	24	0
15	QPSK	1	37	22.40	22.55	22.11		
15	QPSK	1	74	22.46	22.52	22.05		
15	QPSK	36	0	21.49	21.47	21.37	23	1
15	QPSK	36	20	21.50	21.53	21.60		
15	QPSK	36	39	21.51	21.46	21.40		
15	QPSK	75	0	21.63	21.63	21.46		
15	16QAM	1	0	21.29	21.36	21.34	23	1
15	16QAM	1	37	21.07	21.21	21.32		
15	16QAM	1	74	21.13	21.44	21.09		
15	16QAM	36	0	20.47	20.44	20.61	22	2
15	16QAM	36	20	20.53	20.55	20.49		
15	16QAM	36	39	20.27	20.45	20.33		
15	16QAM	75	0	20.00	20.50	20.39		
15	64QAM	1	0	20.44	20.28	20.27	22	2
15	64QAM	1	37	20.11	20.15	20.32		
15	64QAM	1	74	20.36	20.46	20.19		
15	64QAM	36	0	19.21	19.44	19.54	21	3
15	64QAM	36	20	19.40	19.40	19.48		
15	64QAM	36	39	19.20	19.31	19.40		
15	64QAM	75	0	19.22	19.40	19.17		
15	256QAM	1	0	17.25	17.68	17.28	19	5
15	256QAM	1	37	17.37	17.26	17.25		
15	256QAM	1	74	17.31	17.37	17.30		
15	256QAM	36	0	17.35	17.63	17.25	19	5
15	256QAM	36	20	17.32	17.68	17.31		
15	256QAM	36	39	17.42	17.41	17.23		
15	256QAM	75	0	17.22	17.68	17.31		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.60	22.44	22.49	24	0
10	QPSK	1	25	22.39	22.45	22.11		
10	QPSK	1	49	22.52	22.59	22.27		
10	QPSK	25	0	21.57	21.68	21.56	23	1
10	QPSK	25	12	21.47	21.51	21.68		
10	QPSK	25	25	21.40	21.45	21.32		
10	QPSK	50	0	21.62	21.53	21.58		
10	16QAM	1	0	21.14	21.34	21.30	23	1
10	16QAM	1	25	21.03	21.43	21.23		
10	16QAM	1	49	21.24	21.33	21.10		
10	16QAM	25	0	20.41	20.41	20.66	22	2
10	16QAM	25	12	20.54	20.39	20.58		
10	16QAM	25	25	20.25	20.43	20.30		
10	16QAM	50	0	20.17	20.43	20.35		
10	64QAM	1	0	20.48	20.34	20.43	22	2
10	64QAM	1	25	20.14	20.15	20.28		
10	64QAM	1	49	20.28	20.41	20.10		
10	64QAM	25	0	19.28	19.56	19.38	21	3
10	64QAM	25	12	19.28	19.31	19.33		
10	64QAM	25	25	19.31	19.24	19.29		
10	64QAM	50	0	19.31	19.46	19.15		
10	256QAM	1	0	17.36	17.49	17.35	19	5
10	256QAM	1	25	17.46	17.63	17.20		
10	256QAM	1	49	17.31	17.39	17.31		
10	256QAM	25	0	17.33	17.60	17.27	19	5
10	256QAM	25	12	17.29	17.63	17.27		
10	256QAM	25	25	17.34	17.49	17.22		
10	256QAM	50	0	17.21	17.61	17.36		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.48	22.45	22.53	24	0
5	QPSK	1	12	22.33	22.56	22.21		
5	QPSK	1	24	22.50	22.47	22.08		
5	QPSK	12	0	21.56	21.53	21.42	23	1
5	QPSK	12	7	21.42	21.44	21.66		
5	QPSK	12	13	21.34	21.72	21.31		
5	QPSK	25	0	21.62	21.58	21.45		
5	16QAM	1	0	21.29	21.36	21.34	23	1
5	16QAM	1	12	21.33	21.21	21.42		
5	16QAM	1	24	21.21	21.33	21.18		
5	16QAM	12	0	20.45	20.41	20.68	22	2
5	16QAM	12	7	20.41	20.38	20.61		
5	16QAM	12	13	20.44	20.57	20.35		
5	16QAM	25	0	20.22	20.47	20.32		
5	64QAM	1	0	20.35	20.44	20.28	22	2
5	64QAM	1	12	20.16	20.24	20.26		
5	64QAM	1	24	20.18	20.32	20.17		
5	64QAM	12	0	19.24	19.34	19.53	21	3
5	64QAM	12	7	19.23	19.30	19.43		
5	64QAM	12	13	19.30	19.38	19.28		
5	64QAM	25	0	19.24	19.55	19.30		
5	256QAM	1	0	17.34	17.59	17.30	19	5
5	256QAM	1	12	17.13	17.17	17.13		
5	256QAM	1	24	17.21	17.27	17.20		
5	256QAM	12	0	17.48	17.51	17.22	19	5
5	256QAM	12	7	17.45	17.52	17.13		
5	256QAM	12	13	17.40	17.29	17.09		
5	256QAM	25	0	17.16	17.59	17.37		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.88	22.95	22.63	24	0
20	QPSK	1	49	22.72	22.70	22.56		
20	QPSK	1	99	22.71	22.56	22.51		
20	QPSK	50	0	21.83	21.84	21.81	23	1
20	QPSK	50	24	21.50	21.62	21.52		
20	QPSK	50	50	21.64	21.56	21.65		
20	QPSK	100	0	21.66	21.75	21.58		
20	16QAM	1	0	21.64	21.60	21.66	23	1
20	16QAM	1	49	21.54	21.76	21.52		
20	16QAM	1	99	21.37	21.60	21.55		
20	16QAM	50	0	20.74	20.75	20.65	22	2
20	16QAM	50	24	20.65	20.88	20.80		
20	16QAM	50	50	20.65	20.69	20.76		
20	16QAM	100	0	20.87	20.65	20.65		
20	64QAM	1	0	20.53	20.81	20.66	22	2
20	64QAM	1	49	20.74	20.84	20.71		
20	64QAM	1	99	20.72	20.71	20.57		
20	64QAM	50	0	19.54	19.80	19.57	21	3
20	64QAM	50	24	19.52	19.52	19.49		
20	64QAM	50	50	19.59	19.48	19.45		
20	64QAM	100	0	19.45	19.69	19.78		
20	256QAM	1	0	17.54	17.62	17.85	19	5
20	256QAM	1	49	17.62	17.81	17.49		
20	256QAM	1	99	17.58	17.58	17.67		
20	256QAM	50	0	17.56	17.55	17.73	19	5
20	256QAM	50	24	17.69	17.60	17.71		
20	256QAM	50	50	17.65	17.71	17.43		
20	256QAM	100	0	17.48	17.61	17.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.82	22.79	22.56	24	0
15	QPSK	1	37	22.56	22.62	22.43		
15	QPSK	1	74	22.69	22.40	22.46		
15	QPSK	36	0	21.64	21.65	21.72	23	1
15	QPSK	36	20	21.38	21.58	21.51		
15	QPSK	36	39	21.48	21.52	21.49		
15	QPSK	75	0	21.61	21.64	21.45		
15	16QAM	1	0	21.58	21.46	21.58	23	1
15	16QAM	1	37	21.55	21.76	21.30		
15	16QAM	1	74	21.26	21.42	21.51		
15	16QAM	36	0	20.57	20.59	20.58	22	2
15	16QAM	36	20	20.63	20.89	20.72		
15	16QAM	36	39	20.54	20.50	20.77		
15	16QAM	75	0	20.85	20.57	20.47		
15	64QAM	1	0	20.34	20.69	20.60	22	2
15	64QAM	1	37	20.60	20.62	20.64		
15	64QAM	1	74	20.62	20.52	20.55		
15	64QAM	36	0	19.44	19.81	19.39	21	3
15	64QAM	36	20	19.48	19.37	19.39		
15	64QAM	36	39	19.52	19.49	19.39		
15	64QAM	75	0	19.27	19.48	19.59		
15	256QAM	1	0	17.46	17.59	17.63	19	5
15	256QAM	1	37	17.51	17.61	17.40		
15	256QAM	1	74	17.38	17.57	17.65		
15	256QAM	36	0	17.49	17.41	17.51	19	5
15	256QAM	36	20	17.68	17.49	17.68		
15	256QAM	36	39	17.52	17.59	17.32		
15	256QAM	75	0	17.27	17.52	17.87		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.81	22.81	22.56	24	0
10	QPSK	1	25	22.64	22.66	22.39		
10	QPSK	1	49	22.70	22.37	22.39		
10	QPSK	25	0	21.72	21.70	21.83	23	1
10	QPSK	25	12	21.39	21.43	21.38		
10	QPSK	25	25	21.63	21.41	21.47		
10	QPSK	50	0	21.52	21.62	21.41		
10	16QAM	1	0	21.57	21.47	21.46	23	1
10	16QAM	1	25	21.53	21.59	21.40		
10	16QAM	1	49	21.35	21.46	21.39		
10	16QAM	25	0	20.70	20.71	20.63	22	2
10	16QAM	25	12	20.64	20.88	20.78		
10	16QAM	25	25	20.58	20.51	20.67		
10	16QAM	50	0	20.83	20.59	20.59		
10	64QAM	1	0	20.47	20.63	20.52	22	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.10	22.18	22.01	23	0
20	QPSK	1	49	22.09	22.07	21.70		
20	QPSK	1	99	22.02	22.08	21.78		
20	QPSK	50	0	21.11	21.15	21.10	22	1
20	QPSK	50	24	20.73	21.14	20.94		
20	QPSK	50	50	20.71	21.01	20.92		
20	QPSK	100	0	20.87	21.06	20.85		
20	16QAM	1	0	20.84	20.90	20.81	22	1
20	16QAM	1	49	20.73	20.74	20.68		
20	16QAM	1	99	20.73	20.64	20.56		
20	16QAM	50	0	19.71	19.80	19.78	21	2
20	16QAM	50	24	19.53	19.90	19.72		
20	16QAM	50	50	19.77	19.99	19.69		
20	16QAM	100	0	19.83	20.03	19.58		
20	64QAM	1	0	19.55	19.78	19.87	21	2
20	64QAM	1	49	19.50	19.78	19.46		
20	64QAM	1	99	19.41	19.79	19.55		
20	64QAM	50	0	18.81	18.89	18.64	20	3
20	64QAM	50	24	18.66	18.79	18.53		
20	64QAM	50	50	18.66	18.86	18.79		
20	64QAM	100	0	18.77	18.84	18.69		
20	256QAM	1	0	17.02	16.98	16.93	18	5
20	256QAM	1	49	16.86	17.16	16.87		
20	256QAM	1	99	16.89	17.24	16.88		
20	256QAM	50	0	17.01	17.09	16.92	18	5
20	256QAM	50	24	17.01	16.74	17.03		
20	256QAM	50	50	17.00	16.92	17.08		
20	256QAM	100	0	17.17	17.05	17.09		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.98	21.99	21.93	23	0
15	QPSK	1	37	21.90	22.07	21.69		
15	QPSK	1	74	21.90	22.10	21.80		
15	QPSK	36	0	21.06	21.15	21.11	22	1
15	QPSK	36	20	20.65	21.11	20.75		
15	QPSK	36	39	20.68	20.94	20.71		
15	QPSK	75	0	20.77	21.07	20.73		
15	16QAM	1	0	20.71	20.83	20.79	22	1
15	16QAM	1	37	20.74	20.66	20.68		
15	16QAM	1	74	20.71	20.48	20.52		
15	16QAM	36	0	19.58	19.78	19.77	21	2
15	16QAM	36	20	19.40	19.89	19.51		
15	16QAM	36	39	19.61	19.79	19.68		
15	16QAM	75	0	19.65	19.91	19.43		
15	64QAM	1	0	19.35	19.78	19.80	21	2
15	64QAM	1	37	19.32	19.57	19.49		
15	64QAM	1	74	19.71	19.75	19.44		
15	64QAM	36	0	18.60	18.87	18.57	20	3
15	64QAM	36	20	18.56	18.66	18.48		
15	64QAM	36	39	18.46	18.68	18.60		
15	64QAM	75	0	18.60	18.67	18.63		
15	256QAM	1	0	16.81	16.77	16.92	18	5
15	256QAM	1	37	16.70	16.99	16.72		
15	256QAM	1	74	16.71	17.11	16.84		
15	256QAM	36	0	16.81	17.10	16.85	18	5
15	256QAM	36	20	16.89	16.83	17.03		
15	256QAM	36	39	16.93	16.88	16.99		
15	256QAM	75	0	17.08	17.03	17.08		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.11	22.10	21.88	23	0
10	QPSK	1	25	21.88	22.09	21.68		
10	QPSK	1	49	21.98	22.00	21.67		
10	QPSK	25	0	20.97	21.04	20.89	22	1
10	QPSK	25	12	20.58	21.00	20.73		
10	QPSK	25	25	20.62	21.00	20.70		
10	QPSK	50	0	20.80	21.07	20.71		
10	16QAM	1	0	20.70	20.88	20.65	22	1
10	16QAM	1	25	20.59	20.58	20.56		
10	16QAM	1	49	20.68	20.65	20.67		
10	16QAM	25	0	19.72	19.62	19.70	21	2
10	16QAM	25	12	19.59	19.76	19.68		
10	16QAM	25	25	19.64	19.96	19.65		
10	16QAM	50	0	19.66	19.85	19.52		
10	64QAM	1	0	19.41	19.62	19.66	21	2
10	64QAM	1	25	19.35	19.57	19.63		
10	64QAM	1	49	19.34	19.72	19.43		
10	64QAM	25	0	18.73	18.75	18.59	20	3
10	64QAM	25	12	18.59	18.63	18.45		
10	64QAM	25	25	18.61	18.87	18.61		
10	64QAM	50	0	18.66	18.82	18.69		
10	256QAM	1	0	16.99	16.89	16.74	18	5
10	256QAM	1	25	16.84	16.97	16.77		
10	256QAM	1	49	16.81	17.13	16.90		
10	256QAM	25	0	16.90	16.97	16.88	18	5
10	256QAM	25	12	16.84	16.62	16.93		
10	256QAM	25	25	16.85	16.92	17.10		
10	256QAM	50	0	17.07	16.99	16.92		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.99	22.08	21.99	23	0
5	QPSK	1	12	22.11	22.06	21.89		
5	QPSK	1	24	21.92	22.04	21.70		
5	QPSK	12	0	21.04	21.05	20.93	22	1
5	QPSK	12	7	20.66	21.16	20.95		
5	QPSK	12	13	20.97	20.93	20.71		
5	QPSK	25	0	20.75	20.85	20.81		
5	16QAM	1	0	20.78	20.78	20.77	22	1
5	16QAM	1	12	20.56	20.59	20.55		
5	16QAM	1	24	20.55	20.55	20.45		
5	16QAM	12	0	19.65	19.61	19.56	21	2
5	16QAM	12	7	19.47	19.73	19.69		
5	16QAM	12	13	19.59	19.88	19.57		
5	16QAM	25	0	19.83	19.98	19.59		
5	64QAM	1	0	19.54	19.73	19.80	21	2
5	64QAM	1	12	19.71	19.70	19.64		
5	64QAM	1	24	19.34	19.78	19.46		
5	64QAM	12	0	18.64	18.75	18.59	20	3
5	64QAM	12	7	18.61	18.76	18.44		
5	64QAM	12	13	18.52	18.65	18.78		
5	64QAM	25	0	18.75	18.65	18.51		
5	256QAM	1	0	16.96	16.83	16.94	18	5
5	256QAM	1	12	16.80	17.01	16.89		
5	256QAM	1	24	16.71	17.20	16.76		
5	256QAM	12	0	16.79	16.94	16.74	18	5
5	256QAM	12	7	16.96	16.68	16.86		
5	256QAM	12	13	16.90	16.80	17.08		
5	256QAM	25	0	17.09	16.98	16.88		

Band 41 Ant 0 Other PA

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	21.97	22.01	22.03	21.95	21.93	23	0
20	QPSK	1	49	21.68	21.73	21.82	21.75	21.77		
20	QPSK	1	99	21.85	21.86	21.91	21.74	21.83		
20	QPSK	50	0	20.71	20.76	20.78	20.69	20.61	22	1
20	QPSK	50	24	20.47	20.42	20.60	20.62	20.49		
20	QPSK	50	50	20.63	20.51	20.64	20.47	20.66		
20	QPSK	100	0	20.52	20.51	20.60	20.42	20.42		
20	16QAM	1	0	20.68	20.58	20.78	20.61	20.63	22	1
20	16QAM	1	49	20.60	20.75	20.74	20.66	20.75		
20	16QAM	1	99	20.56	20.51	20.69	20.66	20.66		
20	16QAM	50	0	19.68	19.76	19.89	19.67	19.76	21	2
20	16QAM	50	24	19.66	19.77	19.80	19.67	19.80		
20	16QAM	50	50	19.75	19.75	19.80	19.69	19.71		
20	16QAM	100	0	19.64	19.51	19.67	19.67	19.50		
20	64QAM	1	0	19.89	19.93	19.93	19.78	19.88	21	2
20	64QAM	1	49	19.55	19.54	19.73	19.71	19.53		
20	64QAM	1	99	19.51	19.49	19.58	19.49	19.44		
20	64QAM	50	0	18.43	18.39	18.55	18.47	18.46	20	3
20	64QAM	50	24	18.74	18.63	18.75	18.68	18.55		
20	64QAM	50	50	18.67	18.83	18.88	18.86	18.70		
20	64QAM	100	0	18.62	18.66	18.81	18.65	18.77		
20	256QAM	1	0	16.82	16.76	16.82	16.76	16.79	18	5
20	256QAM	1	49	16.58	16.58	16.60	16.46	16.58		
20	256QAM	1	99	16.63	16.49	16.70	16.49	16.55		
20	256QAM	50	0	16.42	16.57	16.63	16.62	16.53	18	5
20	256QAM	50	24	16.61	16.62	16.77	16.70	16.63		
20	256QAM	50	50	16.48	16.48	16.53	16.49	16.44		
20	256QAM	100	0	16.53	16.50	16.66	16.63	16.66		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.89	21.88	21.82	21.94	21.89	23.00	0
15	QPSK	1	37	21.70	21.70	21.80	21.67	21.55		
15	QPSK	1	74	21.73	21.69	21.72	21.63	21.84		
15	QPSK	36	0	20.73	20.76	20.58	20.69	20.49	22	1
15	QPSK	36	20	20.31	20.55	20.40	20.46	20.43		
15	QPSK	36	39	20.60	20.40	20.53	20.43	20.46		
15	QPSK	75	0	20.43	20.41	20.47	20.27	20.28		
15	16QAM	1	0	20.51	20.45	20.67	20.58	20.52	22	1
15	16QAM	1	37	20.62	20.69	20.62	20.61	20.69		
15	16QAM	1	74	20.36	20.45	20.63	20.48	20.51		
15	16QAM	36	0	19.55	19.69	19.88	19.58	19.60	21	2
15	16QAM	36	20	19.59	19.68	19.81	19.47	19.60		
15	16QAM	36	39	19.57	19.73	19.80	19.53	19.52		
15	16QAM	75	0	19.64	19.44	19.54	19.56	19.37		
15	64QAM	1	0	19.89	19.85	19.70	19.61	19.67	21	2
15	64QAM	1	37	19.42	19.54	19.63	19.67	19.47		
15	64QAM	1	74	19.51	19.49	19.58	19.42	19.43		
15	64QAM	36	0	18.36	18.31	18.41	18.43	18.44	20	3
15	64QAM	36	20	18.56	18.58	18.62	18.57	18.40		
15	64QAM	36	39	18.49	18.73	18.81	18.66	18.60		
15	64QAM	75	0	18.43	18.67	18.78	18.56	18.76		
15	256QAM	1	0	16.82	16.69	16.69	16.63	16.71	18	5
15	256QAM	1	37	16.42	16.55	16.43	16.37	16.47		
15	256QAM	1	74	16.44	16.32	16.69	16.37	16.47		
15	256QAM	36	0	16.33	16.56	16.49	16.48	16.33	18	5
15	256QAM	36	20	16.58	16.61	16.66	16.59	16.47		
15	256QAM	36	39	16.26	16.44	16.44	16.27	16.32		
15	256QAM	75	0	16.48	16.39	16.52	16.55	16.53		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.93	21.92	21.93	21.88	21.95	23.00	0
10	QPSK	1	25	21.54	21.61	21.74	21.56	21.64		
10	QPSK	1	49	21.69	21.68	21.88	21.58	21.84		
10	QPSK	25	0	20.69	20.74	20.79	20.56	20.60	22	1
10	QPSK	25	12	20.31	20.35	20.47	20.52	20.37		
10	QPSK	25	25	20.58	20.34	20.64	20.34	20.53		
10	QPSK	50	0	20.42	20.33	20.40	20.27	20.21		
10	16QAM	1	0	20.61	20.49	20.77	20.60	20.45	22	1
10	16QAM	1	25	20.62	20.60	20.53	20.45	20.71		
10	16QAM	1	49	20.39	20.43	20.57	20.61	20.62		
10	16QAM	25	0	19.62	19.70	19.78	19.47	19.77	21	2
10	16QAM	25	12	19.64	19.68	19.68	19.53	19.64		
10	16QAM	25	25	19.64	19.56	19.80	19.54	19.67		
10	16QAM	50	0	19.52	19.46	19.55	19.61	19.30		
10	64QAM	1	0	19.77	19.72	19.80	19.74	19.70	21	2
10	64QAM	1	25	19.37	19.50	19.71	19.62	19.43		
10	64QAM	1	49	19.32	19.38	19.43	19.50	19.38		
10	64QAM	25	0	18.34	18.40	18.54	18.41	18.32	20	3
10	64QAM	25	12	18.70	18.59	18.76	18.66	18.36		
10	64QAM	25	25	18.51	18.74	18.65	18.73	18.56		
10	64QAM	50	0	18.53	18.54	18.79	18.66	18.66		
10	256QAM	1	0	16.61	16.54	16.80	16.76	16.70	18	5
10	256QAM	1	25	16.39	16.48	16.44	16.35	16.50		
10	256QAM	1	49	16.63	16.41	16.54	16.48	16.51		
10	256QAM	25	0	16.44	16.49	16.61	16.63	16.39	18	5
10	256QAM	25	12	16.61	16.51	16.64	16.62	16.43		
10	256QAM	25	25	16.32	16.31	16.37	16.34	16.25		
10	256QAM	50	0	16.41	16.36	16.56	16.63	16.67		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.78	21.93	21.87	21.90	21.76	23.00	0
5	QPSK	1	12	21.55	21.71	21.60	21.65	21.63		
5	QPSK	1	24	21.65	21.85	21.85	21.64	21.81		
5	QPSK	12	0	20.68	20.60	20.64	20.70	20.51	22	1
5	QPSK	12	7	20.46	20.26	20.38	20.45	20.46		
5	QPSK	12	13	20.60	20.38	20.46	20.37	20.52		
5	QPSK	25	0	20.42	20.30	20.60	20.22	20.28		
5	16QAM	1	0	20.46	20.46	20.59	20.60	20.50	22	1
5	16QAM	1	12	20.46	20.67	20.57	20.47	20.66		
5	16QAM	1	24	20.43	20.42	20.54	20.52	20.55		
5	16QAM	12	0	19.50	19.58	19.85	19.49	19.73	21	2
5	16QAM	12	7	19.54	19.67	19.75	19.54	19.74		
5	16QAM	12	13	19.71	19.70	19.73	19.58	19.52		
5	16QAM	25	0	19.63	19.50	19.47	19.67	19.44		
5	64QAM	1	0	19.71	19.91	19.85	19.73	19.87	21	2
5	64QAM	1	12	19.56	19.64	19.72	19.67	19.41		
5	64QAM	1	24	19.54	19.44	19.51	19.53	19.49		
5	64QAM	12	0	18.32	18.39	18.34	18.41	18.48	20	3
5	64QAM	12	7	18.58	18.65	18.55	18.67	18.43		
5	64QAM	12	13	18.50	18.69	18.75	18.78	18.59		
5	64QAM	25	0	18.55	18.65	18.60	18.55	18.60		
5	256QAM	1	0	16.81	16.63	16.71	16.75	16.57	18	5
5	256QAM	1	12	16.47	16.44	16.53	16.44	16.44		
5	256QAM	1	24	16.44	16.44	16.57	16.39	16.52		
5	256QAM	12	0	16.25	16.52	16.48	16.48	16.39	18	5
5	256QAM	12	7	16.52	16.57	16.57	16.50	16.62		
5	256QAM	12	13	16.46	16.45	16.40	16.44	16.31		
5	256QAM	25	0	16.35	16.31	16.64	16.51	16.51		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.78	22.87	22.58	24	0
20	QPSK	1	49	22.54	22.74	22.50		
20	QPSK	1	99	22.54	22.57	22.49		
20	QPSK	50	0	21.51	21.69	21.58	23	1
20	QPSK	50	24	21.65	21.56	21.61		
20	QPSK	50	50	21.54	21.42	21.49		
20	QPSK	100	0	21.41	21.49	21.37		
20	16QAM	1	0	21.36	21.56	21.27	23	1
20	16QAM	1	49	21.50	21.56	21.45		
20	16QAM	1	99	21.59	21.68	21.37		
20	16QAM	50	0	20.61	20.52	20.46	22	2
20	16QAM	50	24	20.47	20.58	20.42		
20	16QAM	50	50	20.48	20.34	20.49		
20	16QAM	100	0	20.40	20.46	20.55		
20	64QAM	1	0	20.52	20.33	20.53	22	2
20	64QAM	1	49	20.48	20.55	20.56		
20	64QAM	1	99	20.63	20.72	20.47		
20	64QAM	50	0	19.53	19.43	19.52	21	3
20	64QAM	50	24	19.57	19.56	19.50		
20	64QAM	50	50	19.74	19.69	19.64		
20	64QAM	100	0	19.74	19.73	19.62		
20	256QAM	1	0	17.58	17.59	17.54	19	5
20	256QAM	1	49	17.56	17.43	17.49		
20	256QAM	1	99	17.63	17.47	17.66		
20	256QAM	50	0	17.70	17.65	17.62	19	5
20	256QAM	50	24	17.58	17.62	17.46		
20	256QAM	50	50	17.63	17.66	17.70		
20	256QAM	100	0	17.59	17.52	17.64		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.64	22.67	22.71	24	0
15	QPSK	1	37	22.66	22.86	22.55		
15	QPSK	1	74	22.63	22.67	22.56		
15	QPSK	36	0	21.60	21.73	21.62	23	1
15	QPSK	36	20	21.59	21.49	21.63		
15	QPSK	36	39	21.65	21.52	21.28		
15	QPSK	75	0	21.48	21.58	21.28		
15	16QAM	1	0	21.36	21.43	21.36	23	1
15	16QAM	1	37	21.50	21.63	21.49		
15	16QAM	1	74	21.39	21.70	21.42		
15	16QAM	36	0	20.56	20.44	20.51	22	2
15	16QAM	36	20	20.53	20.51	20.38		
15	16QAM	36	39	20.57	20.40	20.35		
15	16QAM	75	0	20.59	20.42	20.62		
15	64QAM	1	0	20.33	20.50	20.35	22	2
15	64QAM	1	37	20.46	20.37	20.54		
15	64QAM	1	74	20.61	20.62	20.51		
15	64QAM	36	0	19.50	19.44	19.49	21	3
15	64QAM	36	20	19.56	19.52	19.42		
15	64QAM	36	39	19.61	19.55	19.54		
15	64QAM	75	0	19.59	19.58	19.66		
15	256QAM	1	0	17.57	17.76	17.52	19	5
15	256QAM	1	37	17.66	17.64	17.36		
15	256QAM	1	74	17.55	17.54	17.47		
15	256QAM	36	0	17.58	17.52	17.65	19	5
15	256QAM	36	20	17.57	17.60	17.58		
15	256QAM	36	39	17.67	17.60	17.68		
15	256QAM	75	0	17.57	17.52	17.67		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.60	22.67	22.60	24	0
10	QPSK	1	25	22.45	22.74	22.39		
10	QPSK	1	49	22.43	22.61	22.54		
10	QPSK	25	0	21.60	21.60	21.50	23	1
10	QPSK	25	12	21.65	21.60	21.66		
10	QPSK	25	25	21.51	21.49	21.35		
10	QPSK	50	0	21.38	21.47	21.42		
10	16QAM	1	0	21.50	21.61	21.39	23	1
10	16QAM	1	25	21.41	21.60	21.41		
10	16QAM	1	49	21.58	21.58	21.35		
10	16QAM	25	0	20.56	20.60	20.56	22	2
10	16QAM	25	12	20.30	20.65	20.52		
10	16QAM	25	25	20.52	20.55	20.47		
10	16QAM	50	0	20.62	20.59	20.60		
10	64QAM	1	0	20.34	20.43	20.54	22	2
10	64QAM	1	25	20.67	20.36	20.58		
10	64QAM	1	49	20.66	20.51	20.62		
10	64QAM	25	0	19.65	19.52	19.45	21	3
10	64QAM	25	12	19.64	19.62	19.49		
10	64QAM	25	25	19.57	19.55	19.60		
10	64QAM	50	0	19.60	19.65	19.56		
10	256QAM	1	0	17.55	17.74	17.68	19	5
10	256QAM	1	25	17.55	17.63	17.55		
10	256QAM	1	49	17.51	17.59	17.50		
10	256QAM	25	0	17.69	17.64	17.48	19	5
10	256QAM	25	12	17.68	17.60	17.45		
10	256QAM	25	25	17.71	17.48	17.66		
10	256QAM	50	0	17.78	17.42	17.59		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.77	22.74	22.59	24	0
5	QPSK	1	12	22.50	22.82	22.52		
5	QPSK	1	24	22.50	22.53	22.34		
5	QPSK	12	0	21.62	21.54	21.44	23	1
5	QPSK	12	7	21.57	21.48	21.46		
5	QPSK	12	13	21.62	21.37	21.31		
5	QPSK	25	0	21.28	21.36	21.42		
5	16QAM	1	0	21.47	21.41	21.37	23	1
5	16QAM	1	12	21.51	21.67	21.39		
5	16QAM	1	24	21.52	21.53	21.35		
5	16QAM	12	0	20.42	20.49	20.62	22	2
5	16QAM	12	7	20.32	20.56	20.48		
5	16QAM	12	13	20.65	20.54	20.50		
5	16QAM	25	0	20.49	20.60	20.64		
5	64QAM	1	0	20.47	20.37	20.39	22	2
5	64QAM	1	12	20.53	20.38	20.41		
5	64QAM	1	24	20.48	20.65	20.53		
5	64QAM	12	0	19.61	19.42	19.56	21	3
5	64QAM	12	7	19.56	19.46	19.53		
5	64QAM	12	13	19.58	19.53	19.67		
5	64QAM	25	0	19.59	19.72	19.44		
5	256QAM	1	0	17.75	17.62	17.64	19	5
5	256QAM	1	12	17.65	17.43	17.53		
5	256QAM	1	24	17.68	17.51	17.45		
5	256QAM	12	0	17.80	17.52	17.56	19	5
5	256QAM	12	7	17.71	17.55	17.50		
5	256QAM	12	13	17.68	17.54	17.70		
5	256QAM	25	0	17.69	17.64	17.54		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.81	22.86	22.49	24	0
3	QPSK	1	8	22.54	22.67	22.42		
3	QPSK	1	14	22.45	22.60	22.56		
3	QPSK	8	0	21.62	21.58	21.66	23	1
3	QPSK	8	4	21.57	21.54	21.47		
3	QPSK	8	7	21.50	21.37	21.33		
3	QPSK	15	0	21.51	21.41	21.32		
3	16QAM	1	0	21.44	21.45	21.26	23	1
3	16QAM	1	8	21.48	21.63	21.61		
3	16QAM	1	14	21.38	21.64	21.35		
3	16QAM	8	0	20.50	20.41	20.62	22	2
3	16QAM	8	4	20.44	20.50	20.51		
3	16QAM	8	7	20.50	20.47	20.39		
3	16QAM	15	0	20.44	20.50	20.43		
3	64QAM	1	0	20.50	20.50	20.37	22	2
3	64QAM	1	8	20.69	20.38	20.54		
3	64QAM	1	14	20.52	20.66	20.65		
3	64QAM	8	0	19.50	19.51	19.54	21	3
3	64QAM	8	4	19.59	19.49	19.50		
3	64QAM	8	7	19.79	19.69	19.75		
3	64QAM	15	0	19.56	19.77	19.48		
3	256QAM	1	0	17.76	17.68	17.48	19	5
3	256QAM	1	8	17.48	17.53	17.46		
3	256QAM	1	14	17.55	17.54	17.49		
3	256QAM	8	0	17.68	17.58	17.53	19	5
3	256QAM	8	4	17.62	17.65	17.45		
3	256QAM	8	7	17.60	17.50	17.65		
3	256QAM	15	0	17.73	17.59	17.55		
Channel				19967	20175	20383	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.62	22.68	22.52	24	0
1.4	QPSK	1	3	22.57	22.70	22.45		
1.4	QPSK	1	5	22.53	22.61	22.47		
1.4	QPSK	3	0	22.38	22.57	22.47		
1.4	QPSK	3	1	22.31	22.72	22.25		
1.4	QPSK	3	3	22.65	22.48	22.43		
1.4	QPSK	6	0	21.31	21.52	21.22	23	1
1.4	16QAM	1	0	21.31	21.45	21.08	23	1
1.4	16QAM	1	3	21.28	21.46	21.37		
1.4	16QAM	1	5	21.39	21.57	21.27		
1.4	16QAM	3	0	21.32	21.61	21.28		
1.4	16QAM	3	1	21.55	21.54	21.23		
1.4	16QAM	3	3	21.46	21.35	21.12		
1.4	16QAM	6	0	20.42	20.31	20.43	22	2
1.4	64QAM	1	0	20.31	20.41	20.24	22	2
1.4	64QAM	1	3	20.55	20.35	20.31		
1.4	64QAM	1	5	20.59	20.53	20.50		
1.4	64QAM	3	0	20.49	20.36	20.60		
1.4	64QAM	3	1	20.29	20.42	20.38		
1.4	64QAM	3	3	20.43	20.55	20.35		
1.4	64QAM	6	0	19.52	19.58	19.45	21	3
1.4	256QAM	1	0	17.60	17.42	17.45	19	5
1.4	256QAM	1	3	17.50	17.30	17.38		
1.4	256QAM	1	5	17.42	17.52	17.43		
1.4	256QAM	3	0	17.48	17.53	17.51		
1.4	256QAM	3	1	17.57	17.49	17.49		
1.4	256QAM	3	3	17.49	17.53	17.45		
1.4	256QAM	6	0	17.38	17.42	17.55	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		
43.67	20 QPSK	1	0	22.50	22.54	22.41	24	0
	20 QPSK	1	49	22.16	22.24	22.20		
	20 QPSK	1	99	22.12	22.32	22.12		
42.49	20 QPSK	50	0	21.33	21.44	21.08	23	1
	20 QPSK	50	24	21.19	21.27	21.19		
	20 QPSK	50	50	21.17	21.43	21.18		
	20 QPSK	100	0	21.16	21.20	21.19		
	20 16QAM	1	0	21.11	21.31	21.44	23	1
	20 16QAM	1	49	21.33	21.28	21.30		
	20 16QAM	1	99	21.46	21.20	21.20		
	20 16QAM	50	0	20.35	20.14	20.41	22	2
	20 16QAM	50	24	20.33	20.32	20.14		
	20 16QAM	50	50	20.30	20.36	20.18		
	20 16QAM	100	0	20.21	20.33	20.43		
	20 64QAM	1	0	20.26	20.36	20.20	22	2
	20 64QAM	1	49	20.32	20.12	20.27		
	20 64QAM	1	99	20.53	20.27	20.28		
	20 64QAM	50	0	19.61	19.38	19.38	21	3
	20 64QAM	50	24	19.32	19.30	19.31		
	20 64QAM	50	50	19.24	19.34	19.48		
	20 64QAM	100	0	19.29	19.37	19.51		
	20 256QAM	1	0	17.51	17.48	17.45	19	5
	20 256QAM	1	49	17.33	17.38	17.39		
	20 256QAM	1	99	17.23	17.31	17.59		
	20 256QAM	50	0	17.15	17.30	17.51	19	5
	20 256QAM	50	24	17.44	17.42	17.24		
	20 256QAM	50	50	17.32	17.17	17.19		
	20 256QAM	100	0	17.30	17.42	17.34		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
	15 QPSK	1	0	22.35	22.45	22.42	24	0
	15 QPSK	1	37	22.24	22.19	22.14		
	15 QPSK	1	74	22.31	22.10	22.21		
	15 QPSK	36	0	21.40	21.36	21.30	23	1
	15 QPSK	36	20	21.08	21.28	21.19		
	15 QPSK	36	39	21.30	21.38	21.39		
	15 QPSK	75	0	21.16	21.04	21.04		
	15 16QAM	1	0	21.10	21.30	21.31	23	1
	15 16QAM	1	37	21.25	21.24	21.27		
	15 16QAM	1	74	21.14	21.18	21.11		
	15 16QAM	36	0	20.02	20.07	20.00	22	2
	15 16QAM	36	20	20.16	20.31	20.11		
	15 16QAM	36	39	20.28	20.23	20.35		
	15 16QAM	75	0	20.19	20.12	20.11		
	15 64QAM	1	0	20.19	20.22	20.15	22	2
	15 64QAM	1	37	20.44	20.21	20.09		
	15 64QAM	1	74	20.29	20.28	20.10		
	15 64QAM	36	0	19.22	19.30	19.17	21	3
	15 64QAM	36	20	19.24	19.25	19.25		
	15 64QAM	36	39	19.19	19.17	19.15		
	15 64QAM	75	0	19.15	19.34	19.26		
	15 256QAM	1	0	17.40	17.45	17.35	19	5
	15 256QAM	1	37	17.20	17.22	17.33		
	15 256QAM	1	74	17.20	17.23	17.24		
	15 256QAM	36	0	17.17	17.15	17.17	19	5
	15 256QAM	36	20	17.34	17.36	17.41		
	15 256QAM	36	39	17.17	17.16	17.44		
	15 256QAM	75	0	17.24	17.42	17.24		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
	10 QPSK	1	0	22.34	22.34	22.47	24	0
	10 QPSK	1	25	22.15	22.23	22.17		
	10 QPSK	1	49	22.19	22.24	22.22		
	10 QPSK	25	0	21.41	21.35	21.22	23	1
	10 QPSK	25	12	21.28	21.18	21.26		
	10 QPSK	25	25	21.27	21.36	21.37		
	10 QPSK	50	0	21.04	21.18	21.16		
	10 16QAM	1	0	21.28	21.11	21.19	23	1
	10 16QAM	1	25	21.08	21.16	21.23		
	10 16QAM	1	49	21.15	21.19	21.05		
	10 16QAM	25	0	20.05	20.39	20.02	22	2
	10 16QAM	25	12	20.18	20.27	20.33		
	10 16QAM	25	25	20.21	20.34	20.28		
	10 16QAM	50	0	20.24	20.26	20.18		
	10 64QAM	1	0	20.30	20.26	20.23	22	2
	10 64QAM	1	25	20.22	20.09	20.31		
	10 64QAM	1	49	20.11	20.16	20.06		
	10 64QAM	25	0	19.34	19.16	19.37	21	3
	10 64QAM	25	12	19.30	19.24	19.30		
	10 64QAM	25	25	19.24	19.15	19.25		
	10 64QAM	50	0	19.34	19.29	19.27		
	10 256QAM	1	0	17.42	17.45	17.35	19	5
	10 256QAM	1	25	17.19	17.33	17.17		
	10 256QAM	1	49	17.09	17.26	17.12		
	10 256QAM	25	0	17.09	17.27	17.24	19	5
	10 256QAM	25	12	17.42	17.27	17.26		
	10 256QAM	25	25	17.13	17.05	17.13		
	10 256QAM	50	0	17.28	17.21	17.23		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
	5 QPSK	1	0	22.44	22.37	22.34	24	0
	5 QPSK	1	12	22.08	22.13	22.05		
	5 QPSK	1	24	22.19	22.34	22.20		
	5 QPSK	12	0	21.25	21.32	21.31	23	1
	5 QPSK	12	7	21.15	21.22	21.10		
	5 QPSK	12	13	21.43	21.33	21.31		
	5 QPSK	25	0	21.14	21.01	21.14		
	5 16QAM	1	0	21.31	21.26	21.16	23	1
	5 16QAM	1	12	21.16	21.27	21.21		
	5 16QAM	1	24	21.04	21.15	21.09		
	5 16QAM	12	0	20.11	20.08	20.06	22	2
	5 16QAM	12	7	20.25	20.20	20.22		
	5 16QAM	12	13	20.38	20.34	20.17		
	5 16QAM	25	0	20.14	20.28	20.29		
	5 64QAM	1	0	20.26	20.23	20.31	22	2
	5 64QAM	1	12	20.09	20.12	20.05		
	5 64QAM	1	24	20.26	20.28	20.24		
	5 64QAM	12	0	19.28	19.28	19.36	21	3
	5 64QAM	12	7	19.08	19.12	19.09		
	5 64QAM	12	13	19.14	19.30	19.36		
	5 64QAM	25	0	19.18	19.38	19.23		
	5 256QAM	1	0	17.37	17.46	17.43	19	5
	5 256QAM	1	12	17.32	17.25	17.18		
	5 256QAM	1	24	17.26	17.23	17.14		
	5 256QAM	12	0	17.16	17.14	17.29	19	5
	5 256QAM	12	7	17.32	17.25	17.42		
	5 256QAM	12	13	17.17	17.11	17.08		
	5 256QAM	25	0	17.33	17.27	17.20		

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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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.68	22.90	22.88	24	0
20	QPSK	1	49	22.46	22.57	22.59		
20	QPSK	1	99	22.52	22.61	22.51		
20	QPSK	50	0	21.74	21.75	21.60	23	1
20	QPSK	50	24	21.71	21.54	21.55		
20	QPSK	50	50	21.54	21.52	21.59		
20	QPSK	100	0	21.64	21.68	21.51		
20	16QAM	1	0	21.49	21.57	21.55	23	1
20	16QAM	1	49	21.80	21.60	21.70		
20	16QAM	1	99	21.57	21.50	21.62		
20	16QAM	50	0	20.69	20.58	20.81	22	2
20	16QAM	50	24	20.68	20.66	20.58		
20	16QAM	50	50	20.64	20.70	20.67		
20	16QAM	100	0	20.75	20.55	20.70		
20	64QAM	1	0	20.74	20.76	20.69	22	2
20	64QAM	1	49	20.87	20.77	20.76		
20	64QAM	1	99	20.87	20.61	20.62		
20	64QAM	50	0	19.87	19.70	19.54	21	3
20	64QAM	50	24	19.62	19.85	19.75		
20	64QAM	50	50	19.68	19.72	19.83		
20	64QAM	100	0	19.79	19.80	19.77		
20	256QAM	1	0	17.74	17.79	17.64	19	5
20	256QAM	1	49	17.71	17.65	17.85		
20	256QAM	1	99	17.76	17.80	17.75		
20	256QAM	50	0	17.87	17.55	17.55	19	5
20	256QAM	50	24	17.76	17.70	17.56		
20	256QAM	50	50	17.61	17.70	17.74		
20	256QAM	100	0	17.87	17.61	17.77		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.49	22.70	22.78	24	0
15	QPSK	1	37	22.45	22.42	22.53		
15	QPSK	1	74	22.43	22.53	22.49		
15	QPSK	36	0	21.54	21.66	21.48	23	1
15	QPSK	36	20	21.55	21.52	21.38		
15	QPSK	36	39	21.50	21.39	21.52		
15	QPSK	75	0	21.51	21.47	21.41		
15	16QAM	1	0	21.36	21.53	21.34	23	1
15	16QAM	1	37	21.61	21.54	21.52		
15	16QAM	1	74	21.38	21.41	21.54		
15	16QAM	36	0	20.49	20.55	20.71	22	2
15	16QAM	36	20	20.54	20.46	20.46		
15	16QAM	36	39	20.48	20.52	20.65		
15	16QAM	75	0	20.65	20.35	20.57		
15	64QAM	1	0	20.55	20.73	20.48	22	2
15	64QAM	1	37	20.67	20.69	20.72		
15	64QAM	1	74	20.80	20.61	20.60		
15	64QAM	36	0	19.67	19.60	19.44	21	3
15	64QAM	36	20	19.47	19.87	19.55		
15	64QAM	36	39	19.60	19.56	19.63		
15	64QAM	75	0	19.58	19.73	19.77		
15	256QAM	1	0	17.65	17.79	17.48	19	5
15	256QAM	1	37	17.58	17.81	17.85		
15	256QAM	1	74	17.75	17.60	17.70		
15	256QAM	36	0	17.83	17.41	17.53	19	5
15	256QAM	36	20	17.63	17.58	17.57		
15	256QAM	36	39	17.43	17.87	17.57		
15	256QAM	75	0	17.85	17.42	17.61		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.51	22.89	22.68	24	0
10	QPSK	1	25	22.42	22.52	22.53		
10	QPSK	1	49	22.48	22.60	22.40		
10	QPSK	25	0	21.71	21.75	21.56	23	1
10	QPSK	25	12	21.62	21.41	21.35		
10	QPSK	25	25	21.54	21.47	21.42		
10	QPSK	50	0	21.58	21.56	21.47		
10	16QAM	1	0	21.43	21.36	21.53	23	1
10	16QAM	1	25	21.81	21.56	21.72		
10	16QAM	1	49	21.56	21.44	21.58		
10	16QAM	25	0	20.62	20.39	20.81	22	2
10	16QAM	25	12	20.51	20.48	20.39		
10	16QAM	25	25	20.53	20.66	20.59		
10	16QAM	50	0	20.63	20.46	20.71		
10	64QAM	1	0	20.73	20.55	20.61	22	2
10	64QAM	1	25	20.86	20.65	20.59		
10	64QAM	1	49	20.87	20.44	20.45		
10	64QA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Channel				37850	38000	38150					
Frequency (MHz)				2580	2595	2610					
20	QPSK	1	0	22.67	22.78	22.72			1.33	1.22	
20	QPSK	1	49	22.76	22.66	22.51	24	0	1.49	1.24	0.30
20	QPSK	1	99	22.56	22.77	22.48			1.52	1.23	
20	QPSK	50	0	21.55	21.59	21.52			1.48	1.41	
20	QPSK	50	24	21.48	21.46	21.54	23	1	1.54	1.46	0.29
20	QPSK	50	50	21.45	21.57	21.30			1.70	1.43	
20	QPSK	100	0	21.53	21.73	21.41			1.59	1.27	0.32
20	16QAM	1	0	21.43	21.49	21.51			1.57	1.49	
20	16QAM	1	49	21.53	21.57	21.48	23	1	1.52	1.43	0.30
20	16QAM	1	99	21.57	21.73	21.47			1.53	1.27	
20	16QAM	50	0	20.39	20.48	20.39			1.61	1.52	
20	16QAM	50	24	20.27	20.49	20.71	22	2	1.73	1.29	0.44
20	16QAM	50	50	20.45	20.60	20.57			1.55	1.40	
20	16QAM	100	0	20.52	20.22	20.51			1.78	1.48	0.30
20	64QAM	1	0	20.62	20.38	20.44			1.62	1.38	
20	64QAM	1	49	20.55	20.46	20.62	22	2	1.54	1.38	0.28
20	64QAM	1	99	20.34	20.60	20.57			1.66	1.40	
20	64QAM	50	0	19.56	19.27	19.29			1.73	1.44	
20	64QAM	50	24	19.23	19.43	19.54	21	3	1.77	1.46	0.39
20	64QAM	50	50	19.49	19.62	19.43			1.57	1.38	
20	64QAM	100	0	19.49	19.40	19.19			1.81	1.51	0.30
20	256QAM	1	0	17.43	17.35	17.38			1.65	1.57	
20	256QAM	1	49	17.45	17.27	17.49	19	5	1.73	1.51	0.42
20	256QAM	1	99	17.42	17.69	17.43			1.58	1.31	
20	256QAM	50	0	17.43	17.57	17.40			1.60	1.43	
20	256QAM	50	24	17.43	17.43	17.41	19	5	1.59	1.57	0.25
20	256QAM	50	50	17.32	17.47	17.41			1.68	1.53	
20	256QAM	100	0	17.57	17.42	17.48			1.58	1.43	0.15
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Frequency (MHz)				2577.5	2595	2612.5					
15	QPSK	1	0	22.46	22.74	22.65			1.54	1.26	
15	QPSK	1	37	22.55	22.61	22.30	24	0	1.70	1.39	0.44
15	QPSK	1	74	22.43	22.71	22.50			1.57	1.29	
15	QPSK	36	0	21.54	21.45	21.33			1.67	1.46	
15	QPSK	36	20	21.40	21.48	21.50	23	1	1.60	1.50	0.42
15	QPSK	36	39	21.41	21.36	21.12			1.88	1.59	
15	QPSK	75	0	21.46	21.72	21.37			1.63	1.28	0.35
15	16QAM	1	0	21.30	21.46	21.35			1.70	1.54	
15	16QAM	1	37	21.37	21.48	21.27	23	1	1.73	1.52	0.38
15	16QAM	1	74	21.48	21.65	21.31			1.69	1.35	
15	16QAM	36	0	20.36	20.47	20.30			1.70	1.53	
15	16QAM	36	20	20.13	20.33	20.56	22	2	1.87	1.44	0.43
15	16QAM	36	39	20.44	20.52	20.44			1.56	1.48	
15	16QAM	75	0	20.39	20.20	20.47			1.80	1.53	0.27
15	64QAM	1	0	20.63	20.29	20.43			1.71	1.37	
15	64QAM	1	37	20.50	20.34	20.60	22	2	1.66	1.40	0.34
15	64QAM	1	74	20.32	20.49	20.52			1.68	1.48	
15	64QAM	36	0	19.34	19.12	19.28			1.88	1.66	
15	64QAM	36	20	19.21	19.44	19.44	21	3	1.79	1.56	0.50
15	64QAM	36	39	19.34	19.62	19.23			1.77	1.38	
15	64QAM	75	0	19.49	19.26	19.08			1.92	1.51	0.41
15	256QAM	1	0	17.33	17.31	17.26			1.74	1.67	
15	256QAM	1	37	17.25	17.15	17.36	19	5	1.85	1.64	0.43
15	256QAM	1	74	17.43	17.58	17.28			1.72	1.42	
15	256QAM	36	0	17.35	17.39	17.36			1.65	1.61	
15	256QAM	36	20	17.29	17.24	17.27	19	5	1.76	1.71	0.22
15	256QAM	36	39	17.23	17.45	17.39			1.77	1.55	
15	256QAM	75	0	17.45	17.28	17.37			1.72	1.55	0.17
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Frequency (MHz)				2575	2595	2615					
10	QPSK	1	0	22.52	22.63	22.68			1.48	1.32	
10	QPSK	1	25	22.66	22.47	22.49	24	0	1.53	1.34	0.22
10	QPSK	1	49	22.52	22.67	22.46			1.54	1.33	
10	QPSK	25	0	21.57	21.39	21.50			1.61	1.43	
10	QPSK	25	12	21.34	21.52	21.55	23	1	1.66	1.45	0.41
10	QPSK	25	25	21.32	21.35	21.16			1.84	1.65	
10	QPSK	50	0	21.40	21.61	21.27			1.73	1.39	0.34
10	16QAM	1	0	21.42	21.50	21.51			1.58	1.49	
10	16QAM	1	25	21.45	21.47	21.37	23	1	1.63	1.53	0.36
10	16QAM	1	49	21.52	21.64	21.28			1.72	1.36	
10	16QAM	25	0	20.26	20.38	20.39			1.74	1.61	
10	16QAM	25	12	20.24	20.32	20.68	22	2	1.76	1.32	0.44
10	16QAM	25	25	20.44	20.43	20.56			1.57	1.44	
10	16QAM	50	0	20.42	20.21	20.48			1.79	1.52	0.27
10	64QAM	1	0	20.59	20.26	20.25			1.75	1.41	
10	64QAM	1	25	20.36	20.31	20.54	22	2	1.69	1.46	0.34
10	64QAM	1	49	20.28	20.59	20.48			1.72	1.41	
10	64QAM	25	0	19.44	19.26	19.16			1.84	1.56	
10	64QAM	25	12	19.04	19.28	19.35	21	3	1.96	1.65	0.44
10	64QAM	25	25	19.30	19.48	19.42			1.70	1.52	
10	64QAM	50	0	19.36	19.23	19.11			1.89	1.64	0.25
10	256QAM	1	0	17.31	17.15	17.33			1.85	1.67	
10	256QAM	1	25	17.45	17.23	17.39	19	5	1.77	1.55	0.33
10	256QAM	1	49	17.26	17.48	17.34			1.74	1.52	
10	256QAM	25	0	17.41	17.53	17.19			1.81	1.47	
10	256QAM	25	12	17.22	17.28	17.39	19	5	1.78	1.61	0.34
10	256QAM	25	25	17.22	17.42	17.36			1.78	1.58	
10	256QAM	50	0	17.38	17.27	17.46			1.73	1.54	0.19
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Frequency (MHz)				2572.5	2595	2617.5					
5	QPSK	1	0	22.59	22.73	22.51			1.49	1.27	
5	QPSK	1	12	22.71	22.61	22.47	24	0	1.53	1.29	0.40
5	QPSK	1	24	22.40	22.61	22.33			1.67	1.39	
5	QPSK	12	0	21.48	21.54	21.41			1.59	1.46	
5	QPSK	12	7	21.42	21.45	21.43	23	1	1.58	1.55	0.35
5	QPSK	12	13	21.37	21.40	21.19			1.81	1.60	
5	QPSK	25	0	21.32	21.68	21.21			1.79	1.32	0.47
5	16QAM	1	0	21.38	21.39	21.49			1.62	1.51	
5	16QAM	1	12	21.32	21.36	21.28	23	1	1.72	1.64	0.36
5	16QAM	1	24	21.57	21.64	21.42			1.58	1.36	
5	16QAM	12	0	20.39	20.34	20.40			1.66	1.60	
5	16QAM	12	7	20.26	20.46	20.65	22	2	1.74	1.35	0.39
5	16QAM	12	13	20.28	20.59	20.51			1.72	1.41	
5	16QAM	25	0	20.39	20.23	20.41			1.77	1.59	0.18
5	64QAM	1	0	20.50	20.21	20.37			1.79	1.50	
5	64QAM	1	12	20.41	20.42	20.54	22	2	1.59	1.46	0.33
5	64QAM	1	24	20.25	20.41	20.39			1.75	1.59	
5	64QAM	12	0	19.41	19.25	19.24			1.76	1.59	
5	64QAM	12	7	19.13	19.32	19.54	21	3	1.87	1.46	0.41
5	64QAM	12	13	19.43	19.53	19.41			1.59	1.47	
5	64QAM	25	0	19.51	19.29	19.01			1.99	1.49	0.50
5	256QAM	1	0	17.43	17.18	17.38			1.82	1.57	
5	256QAM	1	12	17.23	17.26	17.37	19	5	1.77	1.63	0.42
5	256QAM	1	24	17.35	17.60	17.26			1.74	1.40	
5	256QAM	12	0	17.31	17.47	17.26			1.74	1.53	
5	256QAM	12	7	17.39	17.21	17.26	19	5	1.79	1.61	0.26
5	256QAM	12	13	17.25	17.30	17.43			1.75	1.57	
5	256QAM	25	0	17.42	17.27	17.37			1.73	1.58	0.15

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Channel				39750	40185	40620	41055	41490					
Frequency (MHz)				2506	2549.5	2593	2636.5	2680					
20	QPSK	1	0	22.84	22.61	22.95	22.86	22.64			1.39	1.05	
20	QPSK	1	49	22.89	22.75	22.89	22.73	22.73	24	0	1.27	1.11	0.36
20	QPSK	1	99	22.82	22.74	22.78	22.59	22.64			1.41	1.18	
20	QPSK	50	0	21.78	21.75	21.96	21.55	21.60			1.45	1.04	
20	QPSK	50	24	21.73	21.93	21.51	21.87	21.63	23	1	1.49	1.07	0.45
20	QPSK	50	50	21.72	21.84	21.94	21.51	21.55			1.49	1.06	
20	QPSK	100	0	21.71	21.55	21.84	21.49	21.69			1.51	1.16	0.35
20	16QAM	1	0	21.78	21.60	21.98	21.58	21.53			1.47	1.02	
20	16QAM	1	49	21.66	21.53	21.88	21.78	21.76	23	1	1.47	1.12	0.50
20	16QAM	1	99	21.78	21.81	21.97	21.53	21.48			1.52	1.03	
20	16QAM	50	0	20.87	20.83	20.92	20.51	20.83			1.49	1.08	
20	16QAM	50	24	20.80	20.45	20.88	20.84	20.86	22	2	1.55	1.12	0.47
20	16QAM	50	50	20.90	20.55	20.86	20.62	20.89			1.45	1.10	
20	16QAM	100	0	20.88	20.52	20.79	20.45	20.94			1.55	1.06	0.49
20	64QAM	1	0	20.71	20.56	20.73	20.61	20.67			1.44	1.27	
20	64QAM	1	49	20.71	20.67	20.69	20.71	20.72	22	2	1.33	1.28	0.24
20	64QAM	1	99	20.49	20.58	20.63	20.53	20.66			1.51	1.34	
20	64QAM	50	0	19.55	19.30	19.54	19.38	19.54			1.70	1.45	
20	64QAM	50	24	19.37	19.27	19.67	19.26	19.46	21	3	1.74	1.33	0.41
20	64QAM	50	50	19.34	19.58	19.53	19.28	19.43			1.72	1.42	
20	64QAM	100	0	19.63	19.31	19.69	19.46	19.33			1.69	1.31	0.38
20	256QAM	1	0	17.33	17.52	17.62	17.47	17.58			1.67	1.38	
20	256QAM	1	49	17.57	17.50	17.48	17.57	17.64	19	5	1.52	1.36	0.36
20	256QAM	1	99	17.45	17.51	17.66	17.53	17.69			1.55	1.31	
20	256QAM	50	0	17.49	17.59	17.59	17.51	17.52			1.51	1.41	
20	256QAM	50	24	17.40	17.62	17.51	17.28	17.57	19	5	1.72	1.38	0.38
20	256QAM	50	50	17.38	17.66	17.62	17.66	17.48			1.62	1.34	
20	256QAM	100	0	17.51	17.25	17.38	17.10	17.48			1.90	1.49	0.41
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5					
15	QPSK	1	0	22.75	22.51	22.79	22.79	22.63			1.49	1.21	
15	QPSK	1	37	22.71	22.67	22.85	22.61	22.64	24.00	0	1.39	1.15	0.40
15	QPSK	1	74	22.70	22.60	22.65	22.45	22.47			1.55	1.30	
15	QPSK	36	0	21.77	21.70	21.76	21.36	21.59			1.64	1.23	
15	QPSK	36	20	21.68	21.85	21.43	21.81	21.44	23	1	1.57	1.15	0.49
15	QPSK	36	39	21.60	21.73	21.77	21.40	21.52			1.60	1.23	
15	QPSK	75	0	21.57	21.53	21.80	21.36	21.60			1.64	1.20	0.44
15	16QAM	1	0	21.73	21.47	21.73	21.49	21.41			1.59	1.27	
15	16QAM	1	37	21.57	21.47	21.75	21.71	21.58	23	1	1.53	1.25	0.49
15	16QAM	1	74	21.77	21.73	21.67	21.36	21.28			1.72	1.23	
15	16QAM	36	0	20.77	20.66	20.75	20.34	20.68			1.66	1.23	
15	16QAM	36	20	20.73	20.43	20.72	20.82	20.60	22	2	1.57	1.18	0.48
15	16QAM	36	39	20.79	20.40	20.79	20.47	20.77			1.60	1.21	
15	16QAM	75	0	20.80	20.45	20.63	20.38	20.77			1.62	1.20	0.42
15	64QAM	1	0	20.71	20.47	20.65	20.58	20.65			1.53	1.29	
15	64QAM	1	37	20.70	20.58	20.53	20.69	20.62	22	2	1.47	1.30	0.38
15	64QAM	1	74	20.33	20.55	20.62	20.45	20.48			1.67	1.38	
15	64QAM	36	0	19.47	19.28	19.42	19.33	19.54			1.72	1.46	
15	64QAM	36	20	19.29	19.08	19.48	19.13	19.31	21	3	1.92	1.52	0.46
15	64QAM	36	39	19.15	19.49	19.51	19.22	19.23			1.85	1.49	
15	64QAM	75	0	19.44	19.28	19.63	19.28	19.23			1.77	1.37	0.40
15	256QAM	1	0	17.27	17.47	17.44	17.36	17.53			1.73	1.47	
15	256QAM	1	37	17.53	17.42	17.43	17.44	17.50	19	5	1.58	1.47	0.36
15	256QAM	1	74	17.32	17.42	17.63	17.38	17.56			1.68	1.37	
15	256QAM	36	0	17.34	17.58	17.48	17.40	17.52			1.66	1.42	
15	256QAM	36	20	17.25	17.52	17.40	17.11	17.47	19	5	1.89	1.48	0.50
15	256QAM	36	39	17.35	17.61	17.55	17.55	17.30			1.70	1.39	
15	256QAM	75	0	17.42	17.21	17.35	17.07	17.45			1.93	1.55	0.38
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Frequency (MHz)				2501	2547	2593	2639	2685					
10	QPSK	1	0	22.64	22.49	22.83	22.76	22.56			1.51	1.17	
10	QPSK	1	25	22.71	22.67	22.71	22.72	22.68	24.00	0	1.33	1.28	0.34
10	QPSK	1	49	22.66	22.73	22.61	22.52	22.62			1.48	1.27	
10	QPSK	25	0	21.72	21.64	21.82	21.44	21.42			1.58	1.18	
10	QPSK	25	12	21.69	21.86	21.37	21.76	21.44	23	1	1.63	1.14	0.49
10	QPSK	25	25	21.62	21.70	21.77	21.43	21.40			1.60	1.23	
10	QPSK	50	0	21.65	21.52	21.70	21.32	21.53			1.68	1.30	0.38
10	16QAM	1	0	21.74	21.59	21.67	21.46	21.41			1.59	1.26	
10	16QAM	1	25	21.55	21.41	21.75	21.78	21.66	23	1	1.59	1.22	0.49
10	16QAM	1	49	21.58	21.70	21.88	21.44	21.39			1.61	1.12	
10	16QAM	25	0	20.82	20.76	20.84	20.41	20.81			1.59	1.16	
10	16QAM	25	12	20.64	20.37	20.70	20.76	20.82	22	2	1.63	1.18	0.48
10	16QAM	25	25	20.83	20.36	20.69	20.55	20.72			1.64	1.17	
10	16QAM	50	0	20.81	20.33	20.74	20.43	20.83			1.67	1.17	0.50
10	64QAM	1	0	20.70	20.46	20.70	20.55	20.59			1.54	1.30	
10	64QAM	1	25	20.63	20.50	20.60	20.62	20.63	22	2	1.50	1.37	0.29
10	64QAM	1	49	20.48	20.55	20.59	20.41	20.59			1.59	1.41	
10	64QAM	25	0	19.38	19.23	19.49	19.20	19.39			1.80	1.51	
10	64QAM	25	12	19.17	19.18	19.40	19.17	19.42	21	3	1.83	1.58	0.44
10	64QAM	25	25	19.33	19.53	19.37	19.09	19.35			1.91	1.47	
10	64QAM	50	0	19.50	19.24	19.58	19.35	19.15			1.85	1.42	0.43
10	256QAM	1	0	17.19	17.51	17.47	17.36	17.47			1.81	1.49	
10	256QAM	1	25	17.53	17.49	17.42	17.43	17.57	19	5	1.58	1.43	0.40
10	256QAM	1	49	17.40	17.46	17.59	17.52	17.50			1.60	1.41	
10	256QAM	25	0	17.42	17.54	17.56	17.32	17.45			1.68	1.44	
10	256QAM	25	12	17.33	17.46	17.44	17.26	17.40	19	5	1.74	1.54	0.42
10	256QAM	25	25	17.19	17.54	17.60	17.61	17.32			1.81	1.39	
10	256QAM	50	0	17.40	17.18	17.33	17.05	17.42			1.95	1.58	0.37
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5					
5	QPSK	1	0	22.84	22.43	22.77	22.67	22.56			1.57	1.16	
5	QPSK	1	12	22.88	22.70	22.87	22.69	22.72	24.00	0	1.31	1.12	0.45
5	QPSK	1	24	22.71	22.70	22.73	22.46	22.56			1.54	1.27	
5	QPSK	12	0	21.66	21.62	21.86	21.53	21.41			1.59	1.14	
5	QPSK	12	7	21.71	21.82	21.39	21.72	21.57	23	1	1.61	1.18	0.47
5	QPSK	12	13	21.54	21.71	21.84	21.49	21.41			1.59	1.16	
5	QPSK	25	0	21.66	21.37	21.75	21.35	21.60			1.65	1.25	0.40
5	16QAM	1	0	21.60	21.48	21.65	21.40	21.41			1.60	1.35	
5	16QAM	1	12	21.58	21.47	21.77	21.58	21.74	23	1	1.53	1.23	0.41
5	16QAM	1	24	21.66	21.81	21.77	21.46	21.44			1.56	1.19	
5	16QAM	12	0	20.76	20.74	20.81	20.47	20.66			1.53	1.19	
5	16QAM	12	7	20.75	20.49	20.71	20.80	20.80	22	2	1.51	1.20	0.40
5	16QAM	12	13	20.85	20.50	20.79	20.45	20.75			1.55	1.15	
5	16QAM	25	0	20.86	20.46	20.65	20.37	20.78			1.63	1.14	0.49
5	64QAM	1	0	20.61	20.50	20.67	20.44	20.66			1.56	1.33	
5	64QAM	1	12	20.60	20.63	20.62	20.54	20.70	22	2	1.46	1.30	0.39
5	64QAM	1	24	20.31	20.41	20.57	20.44	20.51			1.69	1.43	
5	64QAM	12	0	19.46	19.18	19.40	19.37	19.53			1.82	1.47	
5	64QAM	12	7	19.22	19.20	19.41	19.07	19.27	21	3	1.93	1.59	0.46
5	64QAM	12	13	19.32	19.38	19.50	19.27	19.37			1.73	1.50	
5	64QAM	25	0	19.51	19.12	19.50	19.35	19.25			1.88	1.49	0.39
5	256QAM	1	0	17.14	17.33	17.56	17.34	17.46			1.86	1.44	
5	256QAM	1	12	17.53	17.48	17.37	17.42	17.56	19	5	1.63	1.44	0.49
5	256QAM	1	24	17.30	17.32	17.63	17.39	17.56			1.70	1.37	
5	256QAM	12	0	17.40	17.53	17.51	17.31	17.48			1.69	1.47	
5	256QAM	12	7	17.24	17.59	17.37	17.14	17.49	19	5	1.86	1.41	0.45
5	256QAM	12	13	17.35	17.48	17.52	17.47	17.48			1.65	1.48	
5	256QAM	25	0	17.48	17.14	17.37	17.04	17.41			1.96	1.52	0.44

Reduced Power Mode for Other PA ECI2

Band 4 Ant 0 Other PA

BW [MHz]	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	22.90	22.91	22.64		
20	QPSK	1	49	22.61	22.57	22.73	24	0
20	QPSK	1	99	22.62	22.70	22.83		
20	QPSK	50	0	21.73	21.92	21.89		
20	QPSK	50	24	21.85	21.77	21.61	23	1
20	QPSK	50	50	21.55	21.79	21.67		
20	QPSK	100	0	21.71	21.73	21.72		
20	16QAM	1	0	21.67	21.61	21.65		
20	16QAM	1	49	21.70	21.71	21.67	23	1
20	16QAM	1	99	21.59	21.80	21.59		
20	16QAM	50	0	20.76	20.73	20.76		
20	16QAM	50	24	20.74	20.83	20.84	22	2
20	16QAM	50	50	20.92	20.79	20.73		
20	16QAM	100	0	20.96	20.88	20.82		
20	64QAM	1	0	20.93	20.83	21.02		
20	64QAM	1	49	20.78	20.63	20.86	22	2
20	64QAM	1	99	20.77	20.62	20.88		
20	64QAM	50	0	19.65	19.63	19.80		
20	64QAM	50	24	19.77	19.63	19.77	21	3
20	64QAM	50	50	19.67	19.97	19.60		
20	64QAM	100	0	19.75	19.81	19.53		
20	256QAM	1	0	17.69	17.74	17.66		
20	256QAM	1	49	17.81	17.76	17.79	19	5
20	256QAM	1	99	17.71	17.74	17.54		
20	256QAM	50	0	17.81	17.91	17.80		
20	256QAM	50	24	17.59	17.75	17.64	19	5
20	256QAM	50	50	17.88	17.84	17.83		
20	256QAM	100	0	17.74	17.83	17.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	QF2.80	22.81	22.59	24	0
15	QPSK	1	37	22.39	22.39	22.64		
15	QPSK	1	74	22.63	22.52	22.79		
15	QPSK	36	0	21.70	21.74	21.69		
15	QPSK	36	20	21.73	21.69	21.54	23	1
15	QPSK	36	39	21.38	21.62	21.50		
15	QPSK	75	0	21.69	21.70	21.68		
15	16QAM	1	0	21.48	21.42	21.66		
15	16QAM	1	37	21.72	21.63	21.49	23	1
15	16QAM	1	74	21.57	21.59	21.39		
15	16QAM	36	0	20.66	20.72	20.68		
15	16QAM	36	20	20.73	20.82	20.64	22	2
15	16QAM	36	39	20.76	20.70	20.57		
15	16QAM	75	0	20.94	20.85	20.61		
15	64QAM	1	0	20.71	20.62	20.91		
15	64QAM	1	37	20.77	20.62	20.73	22	2
15	64QAM	1	74	20.69	20.52	20.83		
15	64QAM	36	0	19.46	19.44	19.78		
15	64QAM	36	20	19.59	19.43	19.61	21	3
15	64QAM	36	39	19.46	19.76	19.45		
15	64QAM	75	0	19.76	19.76	19.41		
15	256QAM	1	0	17.70	17.61	17.60		
15	256QAM	1	37	17.82	17.55	17.80	19	5
15	256QAM	1	74	17.59	17.62	17.51		
15	256QAM	36	0	17.61	17.90	17.75		
15	256QAM	36	20	17.51	17.76	17.66	19	5
15	256QAM	36	39	17.79	17.77	17.76		
15	256QAM	75	0	17.73	17.75	17.50		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.87	22.82	22.58	24	0
10	QPSK	1	25	22.53	22.42	22.67		
10	QPSK	1	49	22.42	22.59	22.62		
10	QPSK	25	0	21.66	21.73	21.90		
10	QPSK	25	12	21.78	21.65	21.50	23	1
10	QPSK	25	25	21.59	21.60	21.54		
10	QPSK	50	0	21.54	21.60	21.69		
10	16QAM	1	0	21.67	21.47	21.63		
10	16QAM	1	25	21.60	21.51	21.67	23	1
10	16QAM	1	49	21.44	21.72	21.43		
10	16QAM	25	0	20.61	20.70	20.76		
10	16QAM	25	12	20.53	20.63	20.74	22	2
10	16QAM	25	25	20.74	20.81	20.61		
10	16QAM	50	0	20.97	20.87	20.88		
10	64QAM	1	0	20.92	20.61	20.88		
10	64QAM	1	25	20.58	20.64	20.83	22	2
10	64QAM	1	49	20.68	20.62	20.82		
10	64QAM	25	0	19.50	19.54	19.80		
10	64QAM	25	12	19.74	19.43	19.67	21	3
10	64QAM	25	25	19.62	19.84	19.53		
10	64QAM	50	0	19.56	19.67	19.50		
10	256QAM	1	0	17.62	17.65	17.51		
10	256QAM	1	25	17.75	17.59	17.77	19	5
10	256QAM	1	49	17.58	17.55	17.32		
10	256QAM	25	0	17.71	17.88	17.59		
10	256QAM	25	12	17.54	17.62	17.64	19	5
10	256QAM	25	25	17.88	17.79	17.78		
10	256QAM	50	0	17.63	17.62	17.51		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.78	22.81	22.81		
5	QPSK	1	12	22.41	22.56	22.71	24	0
5	QPSK	1	24	22.63	22.64	22.83		
5	QPSK	12	0	21.71	21.70	21.76		
5	QPSK	12	7	21.68	21.65	21.43	23	1
5	QPSK	12	13	21.39	21.81	21.65		
5	QPSK	25	0	21.58	21.62	21.53		
5	16QAM	1	0	21.49	21.50	21.53		
5	16QAM	1	12	21.53	21.60	21.67	23	1
5	16QAM	1	24	21.39	21.82	21.45		
5	16QAM	12	0	20.57	20.61	20.67		
5	16QAM	12	7	20.61	20.75	20.78	22	2
5	16QAM	12	13	20.70	20.80	20.72		
5	16QAM	25	0	20.75	20.79	20.65		
5	64QAM	1	0	20.71	20.84	20.97		
5	64QAM	1	12	20.64	20.59	20.66	22	2
5	64QAM	1	24	20.59	20.59	20.69		
5	64QAM	12	0	19.56	19.62	19.70		
5	64QAM	12	7	19.71	19.55	19.65	21	3
5	64QAM	12	13	19.52	19.92	19.42		
5	64QAM	25	0	19.73	19.70	19.41		
5	256QAM	1	0	17.56	17.68	17.54		
5	256QAM	1	12	17.82	17.77	17.60	19	5
5	256QAM	1	24	17.66	17.62	17.38		
5	256QAM	12	0	17.71	17.81	17.72		
5	256QAM	12	7	17.55	17.55	17.65	19	5
5	256QAM	12	13	17.81	17.77	17.70		
5	256QAM	25	0	17.58	17.66	17.50		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.75	22.71	22.44		
3	QPSK	1	8	22.45	22.45	22.62	24	0
3	QPSK	1	14	22.41	22.61	22.69		
3	QPSK	8	0	21.54	21.89	21.82		
3	QPSK	8	4	21.64	21.61	21.51	23	1
3	QPSK	8	7	21.49	21.59	21.63		
3	QPSK	15	0	21.66	21.60	21.74		
3	16QAM	1	0	21.63	21.42	21.51		
3	16QAM	1	8	21.58	21.66	21.46	23	1
3	16QAM	1	14	21.50	21.65	21.48		
3	16QAM	8	0	20.74	20.71	20.63		
3	16QAM	8	4	20.52	20.66	20.67	22	2
3	16QAM	8	7	20.73	20.60	20.70		
3	16QAM	15	0	20.87	20.88	20.67		
3	64QAM	1	0	20.86	20.62	20.82		
3	64QAM	1	8	20.73	20.42	20.76	22	2
3	64QAM	1	14	20.77	20.53	20.86		
3	64QAM	8	0	19.56	19.43	19.68		
3	64QAM	8	4	19.75	19.58	19.66	21	3
3	64QAM	8	7	19.61	19.82	19.43		
3	64QAM	15	0	19.53	19.59	19.52		
3	256QAM	1	0	17.64	17.67	17.50		
3	256QAM	1	8	17.79	17.60	17.63	19	5
3	256QAM	1	14	17.55	17.64	17.52		
3	256QAM	8	0	17.66	17.86	17.62		
3	256QAM	8	4	17.41	17.64	17.51	19	5
3	256QAM	8	7	17.76	17.71	17.63		
3	256QAM	15	0	17.58	17.74	17.54		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.91	22.90	22.45		
1.4	QPSK	1	3	22.57	22.42	22.61		
1.4	QPSK	1	5	22.55	22.75	22.71	24	0
1.4	QPSK	3	0	22.85	22.82	22.63		
1.4	QPSK	3	1	22.45	22.56	22.42		
1.4	QPSK	3	3	22.48	22.84	22.61		
1.4	QPSK	6	0	21.59	21.88	21.66	23	1
1.4	16QAM	1	0	21.54	21.38	21.43		
1.4	16QAM	1	3	21.54	21.58	21.41		
1.4	16QAM	1	5	21.37	21.71	21.47	23	1
1.4	16QAM	3	0	21.55	21.89	21.78		
1.4	16QAM	3	1	21.52	21.51	21.49		
1.4	16QAM	3	3	21.48	21.83	21.66		
1.4	16QAM	6	0	20.90	20.78	20.67	22	2
1.4	64QAM	1	0	20.90	20.59	20.97		
1.4	64QAM	1	3	20.71	20.49	20.79		
1.4	64QAM	1	5	20.85	20.59	20.74	22	2
1.4	64QAM	3	0	20.50	20.66	20.80		
1.4	64QAM	3	1	20.37	20.71	20.86		
1.4	64QAM	3	3	20.81	20.72	20.78		
1.4	64QAM	6	0	19.65	19.77	19.66	21	3
1.4	256QAM	1	0	17.51	17.83	17.85		
1.4	256QAM	1	3	17.86	17.67	17.68		
1.4	256QAM	1	5	17.68	17.52	17.37	19	5
1.4	256QAM	3	0	17.71	17.88	17.63		
1.4	256QAM	3	1	17.49	17.82	17.56		
1.4	256QAM	3	3	17.70	17.83	17.73		
1.4	256QAM	6	0	17.66	17.72	17.64	19	5

Band 7 Ant 0 Other PA

BW [MHz]	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	22.61	22.65	22.57		
20	QPSK	1	49	22.50	22.56	22.21	24	0
20	QPSK	1	99	22.52	22.60	22.26		
20	QPSK	50	0	21.55	21.68	21.58		
20	QPSK	50	24	21.52	21.51	21.67	23	1
20	QPSK	50	50	21.54	21.44	21.49		
20	QPSK	100	0	21.65	21.72	21.59		
20	16QAM	1	0	21.28	21.56	21.51		
20	16QAM	1	49	21.14	21.41	21.40	23	1
20	16QAM	1	99	21.23	21.49	21.20		
20	16QAM	50	0	20.47	20.58	20.67		
20	16QAM	50	24	20.58	20.53	20.62	22	2
20	16QAM	50	50	20.47	20.63	20.36		
20	16QAM	100	0	20.22	20.56	20.54		
20	64QAM	1	0	20.57	20.50	20.47		
20	64QAM	1	49	20.18	20.33	20.42	22	2
20	64QAM	1	99	20.35	20.47	20.26		
20	64QAM	50	0	19.42	19.46	19.59		
20	64QAM	50	24	19.42	19.46	19.51	21	3
20	64QAM	50	50	19.32	19.46	19.47		
20	64QAM	100	0	19.41	19.58	19.34		
20	256QAM	1	0	17.26	17.75	17.41		
20	256QAM	1	49	17.26	17.27	17.32	19	5
20	256QAM	1	99	17.38	17.40	17.37		
20	256QAM	50	0	17.47	17.70	17.40		
20	256QAM	50	24	17.49	17.73	17.25	19	5
20	256QAM	50	50	17.42	17.49	17.30		
20	256QAM	100	0	17.29	17.70	17.51		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.51	22.40	22.53		
15	QPSK	1	37	22.40	22.55	22.11	24	0
15	QPSK	1	74	22.46	22.52	22.05		
15	QPSK	36	0	21.49	21.47	21.37		
15	QPSK	36	20	21.50	21.53	21.60	23	1
15	QPSK	36	39	21.51	21.46	21.40		
15	QPSK	75	0	21.63	21.63	21.46		
15	16QAM	1	0	21.29	21.36	21.34		
15	16QAM	1	37	21.07	21.21	21.32	23	1
15	16QAM	1	74	21.13	21.44	21.09		
15	16QAM	36	0	20.47	20.44	20.61		
15	16QAM	36	20	20.53	20.55	20.49	22	2
15	16QAM	36	39	20.27	20.45	20.33		
15	16QAM	75	0	20.00	20.50	20.39		
15	64QAM	1	0	20.44	20.28	20.27		
15	64QAM	1	37	20.11	20.15	20.32	22	2
15	64QAM	1	74	20.34	20.46	20.19		
15	64QAM	36	0	19.21	19.44	19.54		
15	64QAM	36	20	19.40	19.42	19.48	21	3
15	64QAM	36	39	19.20	19.31	19.40		
15	64QAM	75	0	19.22	19.40	19.17		
15	256QAM	1	0	17.25	17.68	17.28		
15	256QAM	1	37	17.37	17.26	17.25	19	5
15	256QAM	1	74	17.31	17.37	17.30		
15	256QAM	36	0	17.35	17.63	17.25		
15	256QAM	36	20	17.32	17.68	17.31	19	5
15	256QAM	36	39	17.42	17.41	17.23		
15	256QAM	75	0	17.22	17.68	17.31		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.60	22.44	22.49		
10	QPSK	1	25	22.39	22.45	22.11	24	0
10	QPSK	1	49	22.52	22.59	22.27		
10	QPSK	25	0	21.57	21.68	21.56		
10	QPSK	25	12	21.47	21.51	21.68	23	1
10	QPSK	25	25	21.40	21.25	21.32		
10	QPSK	50	0	21.62	21.53	21.58		
10	16QAM	1	0	21.44	21.34	21.30		
10	16QAM	1	25	21.03	21.43	21.23	23	1
10	16QAM	1	49	21.24	21.33	21.10		
10	16QAM	25	0	20.41	20.41	20.66		
10	16QAM	25	12	20.54	20.39	20.58	22	2
10	16QAM	25	25	20.25	20.43	20.30		
10	16QAM	50	0	20.17	20.43	20.35		
10	64QAM	1	0	20.48	20.34	20.43		
10	64QAM	1	25	20.14	20.15	20.28	22	2
10	64QAM	1	49	20.28	20.41	20.10		
10	64QAM	25	0	19.28	19.56	19.38		
10	64QAM	25	12	19.28	19.31	19.33	21	3
10	64QAM	25	25	19.31	19.24	19.29		
10	64QAM	50	0	19.31	19.46	19.15		
10	256QAM	1	0	17.36	17.49	17.35		
10	256QAM	1	25	17.06	17.19	17.20	19	5
10	256QAM	1	49	17.31	17.39	17.31		
10	256QAM	25	0	17.33	17.50	17.27		
10	256QAM	25	12	17.29	17.63	17.27	19	5
10	256QAM	25	25	17.34	17.49	17.22		
10	256QAM	50	0	17.21	17.61	17.36		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.48	22.45	22.53		
5	QPSK	1	12	22.33	22.56	22.21	24	0
5	QPSK	1	24	22.50	22.47	22.08		
5	QPSK	12	0	21.56	21.53	21.42		
5	QPSK	12	7	21.42	21.44	21.66	23	1
5	QPSK	12	13	21.38	21.44	21.31		
5	QPSK	25	0	21.62	21.58	21.45		
5	16QAM	1	0	21.29	21.31	21.34		
5	16QAM	1	12	21.33	21.21	21.42	23	1
5	16QAM	1	24	21.21	21.32	21.18		
5	16QAM	12	0	20.45	20.41	20.68		
5	16QAM	12	7	20.41	20.38	20.61	22	2
5	16QAM	12	13	20.44	20.57	20.35		
5	16QAM	25	0	20.22	20.47	20.32		
5	64QAM	1	0	20.35	20.44	20.28		
5	64QAM	1	12	20.19	20.24	20.26	22	2
5	64QAM	1	24	20.18	20.32	20.17		
5	64QAM	12	0	19.26	19.54	19.53		
5	64QAM	12	7	19.23	19.30	19.43	21	3
5	64QAM	12	13	19.30	19.38	19.28		
5	64QAM	25	0	19.24	19.55	19.30		
5	256QAM	1	0	17.34	17.59	17.30		
5	256QAM	1	12	17.13	17.17	17.13	19	5
5	256QAM	1	24	17.21	17.27	17.20		
5	256QAM	12	0	17.48	17.51	17.22		
5	256QAM	12	7	17.45	17.52	17.13	19	5
5	256QAM	12	13	17.40	17.29	17.09		
5	256QAM	25	0	17.16	17.59	17.37		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.88	22.95	22.63		
20	QPSK	1	49	22.72	22.70	22.56	24	0
20	QPSK	1	99	22.71	22.56	22.51		
20	QPSK	50	0	21.83	21.84	21.81		
20	QPSK	50	24	21.50	21.62	21.52	23	1
20	QPSK	50	50	21.64	21.56	21.65		
20	QPSK	100	0	21.66	21.75	21.58		
20	16QAM	1	0	21.64	21.60	21.66		
20	16QAM	1	49	21.54	21.76	21.52	23	1
20	16QAM	1	99	21.37	21.60	21.55		
20	16QAM	50	0	20.74	20.75	20.65		
20	16QAM	50	24	20.65	20.88	20.80	22	2
20	16QAM	50	50	20.65	20.69	20.76		
20	16QAM	100	0	20.87	20.65	20.65		
20	64QAM	1	0	20.53	20.81	20.66		
20	64QAM	1	49	20.74	20.84	20.71	22	2
20	64QAM	1	99	20.72	20.71	20.57		
20	64QAM	50	0	19.54	19.80	19.57		
20	64QAM	50	24	19.52	19.52	19.49	21	3
20	64QAM	50	50	19.59	19.48	19.45		
20	64QAM	100	0	19.45	19.69	19.78		
20	256QAM	1	0	17.54	17.62	17.85		
20	256QAM	1	49	17.62	17.81	17.49	19	5
20	256QAM	1	99	17.56	17.58	17.67		
20	256QAM	50	0	17.56	17.55	17.73		
20	256QAM	50	24	17.69	17.60	17.71	19	5
20	256QAM	50	50	17.65	17.71	17.43		
20	256QAM	100	0	17.48	17.61	17.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.82	22.79	22.66		
15	QPSK	1	37	22.56	22.62	22.43	24	0
15	QPSK	1	74	22.69	22.40	22.46		
15	QPSK	36	0	21.64	21.65	21.72		
15	QPSK	36	20	21.38	21.58	21.51	23	1
15	QPSK	36	39	21.48	21.52	21.49		
15	QPSK	75	0	21.61	21.64	21.45		
15	16QAM	1	0	21.58	21.46	21.58		
15	16QAM	1	37	21.55	21.76	21.30	23	1
15	16QAM	1	74	21.26	21.42	21.51		
15	16QAM	36	0	20.57	20.59	20.58		
15	16QAM	36	20	20.63	20.89	20.72	22	2
15	16QAM	36	39	20.54	20.50	20.77		
15	16QAM	75	0	20.85	20.57	20.47		
15	64QAM	1	0	20.34	20.69	20.60		
15	64QAM	1	37	20.60	20.62	20.64	22	2
15	64QAM	1	74	20.62	20.52	20.55		
15	64QAM	36	0	19.44	19.81	19.39		
15	64QAM	36	20	19.48	19.37	19.39	21	3
15	64QAM	36	39	19.52	19.49	19.39		
15	64QAM	75	0	19.27	19.48	19.59		
15	256QAM	1	0	17.46	17.59	17.63		
15	256QAM	1	37	17.51	17.61	17.40	19	5
15	256QAM	1	74	17.38	17.57	17.65		
15	256QAM	36	0	17.49	17.41	17.51		
15	256QAM	36	20	17.68	17.49	17.68	19	5
15	256QAM	36	39	17.52	17.59	17.32		
15	256QAM	75	0	17.27	17.52	17.67		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.81	22.81	22.56		
10	QPSK	1	25	22.64	22.66	22.39	24	0
10	QPSK	1	49	22.70	22.37	22.39		
10	QPSK	25	0	21.72	21.70	21.83		
10	QPSK	25	12	21.39	21.43	21.38	23	1
10	QPSK	25	25	21.63	21.41	21.47		
10	QPSK	50	0	21.52	21.62	21.41		
10	16QAM	1	0	21.57	21.47	21.46		
10	16QAM	1	25	21.53	21.59	21.40	23	1
10	16QAM	1	49	21.35	21.46	21.39		
10	16QAM	25	0	20.70	20.71	20.63		
10	16QAM	25	12	20.64	20.88	20.76	22	2
10	16QAM	25	25	20.58	20.51	20.67		
10	16QAM	50	0	20.83	20.59	20.59		
10	64QAM	1	0	20.47	20.63	20.52		

Band 38 Ant 0 Other PA

BW [MHz]	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	22.10	22.18	22.01	23	0
20	QPSK	1	49	22.09	22.07	21.70		
20	QPSK	1	99	22.02	22.08	21.78		
20	QPSK	50	0	21.11	21.15	21.10	22	1
20	QPSK	50	24	20.73	21.14	20.94		
20	QPSK	50	50	20.71	21.01	20.92		
20	QPSK	100	0	20.87	21.06	20.85		
20	16QAM	1	0	20.84	20.90	20.81	22	1
20	16QAM	1	49	20.73	20.74	20.68		
20	16QAM	1	99	20.73	20.64	20.56		
20	16QAM	50	0	19.71	19.80	19.78	21	2
20	16QAM	50	24	19.53	19.90	19.72		
20	16QAM	50	50	19.77	19.99	19.69		
20	16QAM	100	0	19.83	20.03	19.58		
20	64QAM	1	0	19.55	19.78	19.87	21	2
20	64QAM	1	49	19.50	19.78	19.46		
20	64QAM	1	99	19.41	19.79	19.55		
20	64QAM	50	0	18.81	18.89	18.64	20	3
20	64QAM	50	24	18.66	18.79	18.53		
20	64QAM	50	50	18.66	18.86	18.79		
20	64QAM	100	0	18.77	18.84	18.69		
20	256QAM	1	0	17.02	16.98	16.93	18	5
20	256QAM	1	49	16.86	17.16	16.87		
20	256QAM	1	99	16.89	17.24	16.88		
20	256QAM	50	0	17.01	17.09	16.92	18	5
20	256QAM	50	24	17.01	16.74	17.03		
20	256QAM	50	50	17.00	16.92	17.08		
20	256QAM	100	0	17.17	17.05	17.09		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.98	21.99	21.93	23	0
15	QPSK	1	37	21.90	22.07	21.69		
15	QPSK	1	74	21.90	22.10	21.80		
15	QPSK	36	0	21.06	21.15	21.11	22	1
15	QPSK	36	20	20.65	21.11	20.75		
15	QPSK	36	39	20.68	20.94	20.71		
15	QPSK	75	0	20.77	21.07	20.73		
15	16QAM	1	0	20.71	20.83	20.79	22	1
15	16QAM	1	37	20.74	20.66	20.68		
15	16QAM	1	74	20.71	20.48	20.52		
15	16QAM	36	0	19.58	19.78	19.77	21	2
15	16QAM	36	20	19.40	19.89	19.51		
15	16QAM	36	39	19.61	19.79	19.68		
15	16QAM	75	0	19.65	19.91	19.43		
15	64QAM	1	0	19.35	19.78	19.80	21	2
15	64QAM	1	37	19.32	19.57	19.49		
15	64QAM	1	74	19.71	19.75	19.44		
15	64QAM	36	0	18.60	18.87	18.57	20	3
15	64QAM	36	20	18.56	18.66	18.48		
15	64QAM	36	39	18.46	18.68	18.60		
15	64QAM	75	0	18.60	18.67	18.63		
15	256QAM	1	0	16.81	16.77	16.92	18	5
15	256QAM	1	37	16.70	16.99	16.72		
15	256QAM	1	74	16.71	17.11	16.84		
15	256QAM	36	0	16.81	17.10	16.85	18	5
15	256QAM	36	20	16.89	16.83	17.03		
15	256QAM	36	39	16.93	16.88	16.99		
15	256QAM	75	0	17.08	17.03	17.08		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.11	22.10	21.88	23	0
10	QPSK	1	25	21.88	22.09	21.68		
10	QPSK	1	49	21.98	22.00	21.67		
10	QPSK	25	0	20.97	21.04	20.89	22	1
10	QPSK	25	12	20.58	21.00	20.73		
10	QPSK	25	25	20.62	21.00	20.70		
10	QPSK	50	0	20.80	21.07	20.71		
10	16QAM	1	0	20.70	20.88	20.65	22	1
10	16QAM	1	25	20.59	20.58	20.56		
10	16QAM	1	49	20.68	20.65	20.67		
10	16QAM	25	0	19.72	19.62	19.70	21	2
10	16QAM	25	12	19.59	19.76	19.68		
10	16QAM	25	25	19.64	19.96	19.65		
10	16QAM	50	0	19.66	19.85	19.52		
10	64QAM	1	0	19.41	19.62	19.66	21	2
10	64QAM	1	25	19.35	19.57	19.63		
10	64QAM	1	49	19.34	19.72	19.43		
10	64QAM	25	0	18.73	18.75	18.59	20	3
10	64QAM	25	12	18.59	18.63	18.45		
10	64QAM	25	25	18.61	18.87	18.61		
10	64QAM	50	0	18.66	18.82	18.69		
10	256QAM	1	0	16.99	16.89	16.74	18	5
10	256QAM	1	25	16.84	16.97	16.77		
10	256QAM	1	49	16.81	17.13	16.90		
10	256QAM	25	0	16.90	16.97	16.88	18	5
10	256QAM	25	12	16.84	16.62	16.93		
10	256QAM	25	25	16.85	16.92	17.10		
10	256QAM	50	0	17.07	16.99	16.92		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.99	22.08	21.99	23	0
5	QPSK	1	12	22.11	22.06	21.89		
5	QPSK	1	24	21.92	22.04	21.70		
5	QPSK	12	0	21.04	21.05	20.93	22	1
5	QPSK	12	7	20.66	21.16	20.95		
5	QPSK	12	13	20.97	20.93	20.71		
5	QPSK	25	0	20.75	20.85	20.81		
5	16QAM	1	0	20.78	20.78	20.77	22	1
5	16QAM	1	12	20.56	20.59	20.55		
5	16QAM	1	24	20.55	20.55	20.45		
5	16QAM	12	0	19.65	19.61	19.56	21	2
5	16QAM	12	7	19.47	19.73	19.69		
5	16QAM	12	13	19.59	19.88	19.57		
5	16QAM	25	0	19.83	19.98	19.59		
5	64QAM	1	0	19.54	19.73	19.80	21	2
5	64QAM	1	12	19.71	19.70	19.64		
5	64QAM	1	24	19.34	19.78	19.46		
5	64QAM	12	0	18.64	18.75	18.59	20	3
5	64QAM	12	7	18.61	18.76	18.44		
5	64QAM	12	13	18.52	18.65	18.78		
5	64QAM	25	0	18.75	18.65	18.51		
5	256QAM	1	0	16.96	16.83	16.94	18	5
5	256QAM	1	12	16.80	17.01	16.89		
5	256QAM	1	24	16.71	17.20	16.76		
5	256QAM	12	0	16.79	16.94	16.74	18	5
5	256QAM	12	7	16.96	16.68	16.86		
5	256QAM	12	13	16.90	16.80	17.08		
5	256QAM	25	0	17.09	16.98	16.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.97	22.01	22.03	21.95	21.93	23	0
20	QPSK	1	49	21.68	21.73	21.82	21.75	21.77		
20	QPSK	1	99	21.85	21.86	21.91	21.74	21.83		
20	QPSK	50	0	20.71	20.76	20.78	20.69	20.61	22	1
20	QPSK	50	24	20.47	20.42	20.60	20.62	20.49		
20	QPSK	50	50	20.63	20.51	20.64	20.47	20.66		
20	QPSK	100	0	20.52	20.51	20.60	20.42	20.42		
20	16QAM	1	0	20.68	20.58	20.78	20.61	20.63	22	1
20	16QAM	1	49	20.60	20.75	20.74	20.66	20.75		
20	16QAM	1	99	20.56	20.51	20.69	20.66	20.66		
20	16QAM	50	0	19.68	19.76	19.89	19.67	19.76	21	2
20	16QAM	50	24	19.66	19.77	19.80	19.67	19.80		
20	16QAM	50	50	19.75	19.75	19.80	19.69	19.71		
20	16QAM	100	0	19.64	19.51	19.67	19.67	19.50		
20	64QAM	1	0	19.89	19.93	19.93	19.78	19.88	21	2
20	64QAM	1	49	19.55	19.54	19.73	19.71	19.53		
20	64QAM	1	99	19.51	19.49	19.58	19.49	19.44		
20	64QAM	50	0	18.43	18.39	18.55	18.47	18.46	20	3
20	64QAM	50	24	18.74	18.63	18.75	18.68	18.55		
20	64QAM	50	50	18.67	18.83	18.88	18.86	18.70		
20	64QAM	100	0	18.62	18.66	18.81	18.65	18.77		
20	256QAM	1	0	16.82	16.76	16.82	16.76	16.79	18	5
20	256QAM	1	49	16.58	16.58	16.60	16.46	16.58		
20	256QAM	1	99	16.63	16.49	16.70	16.49	16.55		
20	256QAM	50	0	16.42	16.57	16.63	16.62	16.53	18	5
20	256QAM	50	24	16.61	16.62	16.77	16.70	16.63		
20	256QAM	50	50	16.48	16.48	16.53	16.49	16.44		
20	256QAM	100	0	16.53	16.50	16.66	16.63	16.66		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.89	21.88	21.82	21.94	21.89	23.00	0
15	QPSK	1	37	21.70	21.70	21.80	21.67	21.55		
15	QPSK	1	74	21.73	21.69	21.72	21.63	21.84		
15	QPSK	36	0	20.73	20.76	20.58	20.69	20.49	22	1
15	QPSK	36	20	20.31	20.55	20.40	20.46	20.43		
15	QPSK	36	39	20.60	20.40	20.53	20.43	20.46		
15	QPSK	75	0	20.43	20.41	20.47	20.27	20.28		
15	16QAM	1	0	20.51	20.45	20.67	20.58	20.52	22	1
15	16QAM	1	37	20.62	20.69	20.62	20.61	20.69		
15	16QAM	1	74	20.36	20.45	20.63	20.48	20.51		
15	16QAM	36	0	19.55	19.69	19.88	19.58	19.60	21	2
15	16QAM	36	20	19.59	19.68	19.81	19.47	19.60		
15	16QAM	36	39	19.57	19.73	19.80	19.53	19.52		
15	16QAM	75	0	19.64	19.44	19.54	19.56	19.37		
15	64QAM	1	0	19.89	19.85	19.70	19.61	19.67	21	2
15	64QAM	1	37	19.42	19.54	19.63	19.67	19.47		
15	64QAM	1	74	19.51	19.49	19.58	19.42	19.43		
15	64QAM	36	0	18.36	18.31	18.41	18.43	18.44	20	3
15	64QAM	36	20	18.56	18.58	18.62	18.57	18.40		
15	64QAM	36	39	18.49	18.73	18.81	18.66	18.60		
15	64QAM	75	0	18.43	18.67	18.78	18.56	18.76		
15	256QAM	1	0	16.82	16.69	16.69	16.63	16.71	18	5
15	256QAM	1	37	16.42	16.55	16.43	16.37	16.47		
15	256QAM	1	74	16.44	16.32	16.69	16.37	16.47		
15	256QAM	36	0	16.33	16.56	16.49	16.48	16.33	18	5
15	256QAM	36	20	16.58	16.61	16.66	16.59	16.47		
15	256QAM	36	39	16.26	16.44	16.44	16.27	16.32		
15	256QAM	75	0	16.48	16.39	16.52	16.55	16.53		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.93	21.92	21.93	21.88	21.95	23.00	0
10	QPSK	1	25	21.54	21.61	21.74	21.56	21.64		
10	QPSK	1	49	21.69	21.68	21.88	21.58	21.84		
10	QPSK	25	0	20.69	20.74	20.79	20.56	20.60	22	1
10	QPSK	25	12	20.31	20.35	20.47	20.52	20.37		
10	QPSK	25	25	20.58	20.34	20.64	20.34	20.53		
10	QPSK	50	0	20.42	20.33	20.40	20.27	20.21		
10	16QAM	1	0	20.61	20.49	20.77	20.60	20.45	22	1
10	16QAM	1	25	20.62	20.60	20.53	20.45	20.71		
10	16QAM	1	49	20.39	20.43	20.57	20.61	20.62		
10	16QAM	25	0	19.62	19.70	19.78	19.47	19.77	21	2
10	16QAM	25	12	19.64	19.68	19.68	19.53	19.64		
10	16QAM	25	25	19.64	19.56	19.80	19.54	19.67		
10	16QAM	50	0	19.52	19.46	19.55	19.61	19.30		
10	64QAM	1	0	19.77	19.72	19.80	19.74	19.70	21	2
10	64QAM	1	25	19.37	19.50	19.71	19.62	19.43		
10	64QAM	1	49	19.32	19.38	19.43	19.50	19.38		
10	64QAM	25	0	18.34	18.40	18.54	18.41	18.32	20	3
10	64QAM	25	12	18.70	18.59	18.76	18.66	18.36		
10	64QAM	25	25	18.51	18.74	18.65	18.73	18.56		
10	64QAM	50	0	18.53	18.54	18.79	18.66	18.66		
10	256QAM	1	0	16.61	16.54	16.80	16.76	16.70	18	5
10	256QAM	1	25	16.39	16.48	16.44	16.35	16.50		
10	256QAM	1	49	16.63	16.41	16.54	16.48	16.51		
10	256QAM	25	0	16.44	16.49	16.61	16.63	16.39	18	5
10	256QAM	25	12	16.61	16.51	16.64	16.62	16.43		
10	256QAM	25	25	16.32	16.31	16.37	16.34	16.25		
10	256QAM	50	0	16.41	16.36	16.56	16.63	16.67		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.78	21.93	21.87	21.90	21.76	23.00	0
5	QPSK	1	12	21.55	21.71	21.60	21.65	21.63		
5	QPSK	1	24	21.65	21.85	21.85	21.64	21.81		
5	QPSK	12	0	20.68	20.60	20.64	20.70	20.51	22	1
5	QPSK	12	7	20.46	20.26	20.38	20.45	20.46		
5	QPSK	12	13	20.60	20.38	20.46	20.37	20.52		
5	QPSK	25	0	20.42	20.30	20.60	20.22	20.28		
5	16QAM	1	0	20.46	20.46	20.59	20.60	20.50	22	1
5	16QAM	1	12	20.46	20.67	20.57	20.47	20.66		
5	16QAM	1	24	20.43	20.42	20.54	20.52	20.55		
5	16QAM	12	0	19.50	19.58	19.85	19.49	19.73	21	2
5	16QAM	12	7	19.54	19.67	19.75	19.54	19.74		
5	16QAM	12	13	19.71	19.70	19.73	19.58	19.52		
5	16QAM	25	0	19.63	19.50	19.47	19.67	19.44		
5	64QAM	1	0	19.71	19.91	19.85	19.73	19.87	21	2
5	64QAM	1	12	19.56	19.64	19.72	19.67	19.41		
5	64QAM	1	24	19.54	19.44	19.51	19.53	19.49		
5	64QAM	12	0	18.32	18.39	18.34	18.41	18.48	20	3
5	64QAM	12	7	18.58	18.65	18.55	18.67	18.43		
5	64QAM	12	13	18.50	18.69	18.75	18.78	18.59		
5	64QAM	25	0	18.55	18.65	18.60	18.55	18.60		
5	256QAM	1	0	16.81	16.63	16.71	16.75	16.57	18	5
5	256QAM	1	12	16.47	16.44	16.53	16.44	16.44		
5	256QAM	1	24	16.44	16.44	16.57	16.39	16.52		
5	256QAM	12	0	16.25	16.52	16.48	16.48	16.39	18	5
5	256QAM	12	7	16.52	16.57	16.57	16.50	16.62		
5	256QAM	12	13	16.46	16.45	16.40	16.44	16.31		
5	256QAM	25	0	16.35	16.31	16.64	16.51	16.51		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.64	15.94	15.82		
20	QPSK	1	49	15.74	15.80	15.84	17.1	0
20	QPSK	1	99	15.76	15.71	15.88		
20	QPSK	50	0	15.56	15.89	15.71		
20	QPSK	50	24	15.55	15.61	15.62	17.1	0
20	QPSK	50	50	15.83	15.48	15.86		
20	QPSK	100	0	15.50	15.70	15.63		
20	16QAM	1	0	15.46	15.67	15.57		
20	16QAM	1	49	15.86	15.54	15.90	17.1	0
20	16QAM	1	99	15.40	15.75	15.52		
20	16QAM	50	0	15.58	15.54	15.61		
20	16QAM	50	24	15.67	15.62	15.75	17.1	0
20	16QAM	50	50	15.63	15.77	15.71		
20	16QAM	100	0	15.56	15.53	15.62		
20	64QAM	1	0	15.64	15.61	15.73		
20	64QAM	1	49	15.52	15.69	15.63	17.1	0
20	64QAM	1	99	15.58	15.68	15.69		
20	64QAM	50	0	15.68	15.71	15.85		
20	64QAM	50	24	15.55	15.78	15.67	17.1	0
20	64QAM	50	50	15.61	15.57	15.66		
20	64QAM	100	0	15.53	15.57	15.67		
20	256QAM	1	0	15.73	15.73	15.75		
20	256QAM	1	49	15.55	15.69	15.68	17.1	0
20	256QAM	1	99	15.55	15.60	15.64		
20	256QAM	50	0	15.56	15.63	15.61		
20	256QAM	50	24	15.65	15.86	15.74	17.1	0
20	256QAM	50	50	15.58	15.67	15.74		
20	256QAM	100	0	15.79	15.63	15.92		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.69	15.85	15.67		
15	QPSK	1	37	15.70	15.66	15.80	17.1	0
15	QPSK	1	74	15.69	15.56	15.74		
15	QPSK	36	0	15.66	15.87	15.57		
15	QPSK	36	20	15.51	15.51	15.59		
15	QPSK	36	39	15.75	15.55	15.83	17.1	0
15	QPSK	75	0	15.52	15.67	15.56		
15	16QAM	1	0	15.45	15.56	15.42		
15	16QAM	1	37	15.81	15.35	15.78	17.1	0
15	16QAM	1	74	15.46	15.64	15.49		
15	16QAM	36	0	15.43	15.47	15.56		
15	16QAM	36	20	15.57	15.55	15.56	17.1	0
15	16QAM	36	39	15.60	15.63	15.67		
15	16QAM	75	0	15.46	15.44	15.46		
15	64QAM	1	0	15.69	15.53	15.68		
15	64QAM	1	37	15.53	15.62	15.48	17.1	0
15	64QAM	1	74	15.61	15.57	15.56		
15	64QAM	36	0	15.70	15.70	15.68		
15	64QAM	36	20	15.55	15.69	15.53	17.1	0
15	64QAM	36	39	15.51	15.39	15.49		
15	64QAM	75	0	15.57	15.38	15.50		
15	256QAM	1	0	15.58	15.56	15.66		
15	256QAM	1	37	15.64	15.53	15.50	17.1	0
15	256QAM	1	74	15.61	15.54	15.52		
15	256QAM	36	0	15.46	15.52	15.57		
15	256QAM	36	20	15.56	15.77	15.73	17.1	0
15	256QAM	36	39	15.62	15.61	15.63		
15	256QAM	75	0	15.73	15.55	15.74		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.66	15.90	15.78		
10	QPSK	1	25	15.81	15.75	15.82	17.1	0
10	QPSK	1	49	15.81	15.69	15.80		
10	QPSK	25	0	15.66	15.84	15.60		
10	QPSK	25	12	15.56	15.59	15.55	17.1	0
10	QPSK	25	25	15.83	15.55	15.76		
10	QPSK	50	0	15.48	15.58	15.53		
10	16QAM	1	0	15.52	15.58	15.38		
10	16QAM	1	25	15.79	15.50	15.75	17.1	0
10	16QAM	1	49	15.46	15.69	15.40		
10	16QAM	25	0	15.58	15.44	15.57		
10	16QAM	25	12	15.66	15.50	15.67	17.1	0
10	16QAM	25	25	15.62	15.63	15.58		
10	16QAM	50	0	15.61	15.36	15.56		
10	64QAM	1	0	15.56	15.54	15.56		
10	64QAM	1	25	15.61	15.63	15.55	17.1	0
10	64QAM	1	49	15.64	15.58	15.65		
10	64QAM	25	0	15.74	15.55	15.69		
10	64QAM	25	12	15.60	15.67	15.55	17.1	0
10	64QAM	25	25	15.51	15.53	15.59		
10	64QAM	50	0	15.50	15.53	15.54		
10	256QAM	1	0	15.66	15.71	15.59		
10	256QAM	1	25	15.56	15.54	15.60	17.1	0
10	256QAM	1	49	15.59	15.52	15.52		
10	256QAM	25	0	15.44	15.59	15.49		
10	256QAM	25	12	15.64	15.75	15.62	17.1	0
10	256QAM	25	25	15.56	15.54	15.59		
10	256QAM	50	0	15.80	15.48	15.90		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.76	15.87	15.76		
5	QPSK	1	12	15.75	15.65	15.76	17.1	0
5	QPSK	1	24	15.75	15.58	15.85		
5	QPSK	12	0	15.59	15.70	15.58		
5	QPSK	12	7	15.48	15.48	15.56	17.1	0
5	QPSK	12	13	15.70	15.46	15.71		
5	QPSK	25	0	15.51	15.57	15.57		
5	16QAM	1	0	15.55	15.50	15.43		
5	16QAM	1	12	15.75	15.51	15.72	17.1	0
5	16QAM	1	24	15.39	15.71	15.40		
5	16QAM	12	0	15.50	15.37	15.45		
5	16QAM	12	7	15.64	15.52	15.57	17.1	0
5	16QAM	12	13	15.57	15.71	15.67		
5	16QAM	25	0	15.55	15.44	15.53		
5	64QAM	1	0	15.64	15.52	15.57		
5	64QAM	1	12	15.58	15.56	15.55	17.1	0
5	64QAM	1	24	15.65	15.50	15.68		
5	64QAM	12	0	15.83	15.65	15.80		
5	64QAM	12	7	15.54	15.74	15.64	17.1	0
5	64QAM	12	13	15.62	15.44	15.54		
5	64QAM	25	0	15.51	15.46	15.51		
5	256QAM	1	0	15.60	15.71	15.67		
5	256QAM	1	12	15.55	15.56	15.63	17.1	0
5	256QAM	1	24	15.54	15.42	15.54		
5	256QAM	12	0	15.45	15.61	15.55		
5	256QAM	12	7	15.68	15.76	15.67	17.1	0
5	256QAM	12	13	15.60	15.64	15.73		
5	256QAM	25	0	15.77	15.59	15.86		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.69	15.81	15.76		
3	QPSK	1	8	15.78	15.69	15.66	17.1	0
3	QPSK	1	14	15.81	15.61	15.70		
3	QPSK	8	0	15.58	15.83	15.69		
3	QPSK	8	4	15.49	15.43	15.60	17.1	0
3	QPSK	8	7	15.73	15.36	15.83		
3	QPSK	15	0	15.53	15.57	15.45		
3	16QAM	1	0	15.47	15.65	15.40		
3	16QAM	1	8	15.72	15.40	15.79	17.1	0
3	16QAM	1	14	15.35	15.70	15.49		
3	16QAM	8	0	15.52	15.38	15.57		
3	16QAM	8	4	15.64	15.50	15.57	17.1	0
3	16QAM	8	7	15.55	15.60	15.57		
3	16QAM	15	0	15.58	15.45	15.48		
3	64QAM	1	0	15.64	15.56	15.63		
3	64QAM	1	8	15.44	15.55	15.52	17.1	0
3	64QAM	1	14	15.51	15.52	15.63		
3	64QAM	8	0	15.83	15.61	15.80		
3	64QAM	8	4	15.57	15.69	15.50	17.1	0
3	64QAM	8	7	15.49	15.41	15.64		
3	64QAM	15	0	15.55	15.45	15.59		
3	256QAM	1	0	15.64	15.68	15.62		
3	256QAM	1	8	15.64	15.63	15.60	17.1	0
3	256QAM	1	14	15.61	15.56	15.54		
3	256QAM	8	0	15.58	15.52	15.57		
3	256QAM	8	4	15.56	15.83	15.58	17.1	0
3	256QAM	8	7	15.71	15.64	15.64		
3	256QAM	15	0	15.76	15.54	15.89		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.67	15.80	15.73		
1.4	QPSK	1	3	15.74	15.78	15.82		
1.4	QPSK	1	5	15.75	15.54	15.82	17.1	0
1.4	QPSK	3	0	15.58	15.73	15.62		
1.4	QPSK	3	1	15.46	15.48	15.55		
1.4	QPSK	3	3	15.72	15.42	15.75		
1.4	QPSK	6	0	15.53	15.74	15.54	17.1	0
1.4	16QAM	1	0	15.54	15.65	15.47		
1.4	16QAM	1	3	15.72	15.44	15.73		
1.4	16QAM	1	5	15.41	15.71	15.36	17.1	0
1.4	16QAM	3	0	15.49	15.52	15.47		
1.4	16QAM	3	1	15.64	15.54	15.68		
1.4	16QAM	3	3	15.62	15.63	15.64		
1.4	16QAM	6	0	15.45	15.47	15.54	17.1	0
1.4	64QAM	1	0	15.68	15.56	15.69		
1.4	64QAM	1	3	15.61	15.64	15.47		
1.4	64QAM	1	5	15.62	15.52	15.55	17.1	0
1.4	64QAM	3	0	15.81	15.63	15.68		
1.4	64QAM	3	1	15.65	15.72	15.57		
1.4	64QAM	3	3	15.47	15.44	15.64		
1.4	64QAM	6	0	15.54	15.55	15.54	17.1	0
1.4	256QAM	1	0	15.71	15.57	15.67		
1.4	256QAM	1	3	15.83	15.63	15.60		
1.4	256QAM	1	5	15.46	15.49	15.61	17.1	0
1.4	256QAM	3	0	15.52	15.45	15.58		
1.4	256QAM	3	1	15.68	15.78	15.58		
1.4	256QAM	3	3	15.58	15.66	15.72		
1.4	256QAM	6	0	15.83	15.56	15.90	17.1	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.58	16.60	16.49		
20	QPSK	1	49	16.48	16.43	16.43	18.2	0
20	QPSK	1	99	16.43	16.46	16.48		
20	QPSK	50	0	16.42	16.58	16.37		
20	QPSK	50	24	16.42	16.57	16.39	18.2	0
20	QPSK	50	50	16.47	16.48	16.32		
20	QPSK	100	0	16.41	16.53	16.35		
20	16QAM	1	0	16.45	16.55	16.40		
20	16QAM	1	49	16.44	16.58	16.44	18.2	0
20	16QAM	1	99	16.50	16.49	16.37		
20	16QAM	50	0	16.43	16.48	16.44		
20	16QAM	50	24	16.54	16.56	16.38	18.2	0
20	16QAM	50	50	16.42	16.50	16.40		
20	16QAM	100	0	16.54	16.48	16.31		
20	64QAM	1	0	16.57	16.49	16.39		
20	64QAM	1	49	16.56	16.50	16.35	18.2	0
20	64QAM	1	99	16.45	16.43	16.47		
20	64QAM	50	0	16.40	16.48	16.43		
20	64QAM	50	24	16.50	16.43	16.43	18.2	0
20	64QAM	50	50	16.54	16.44	16.43		
20	64QAM	100	0	16.49	16.55	16.31		
20	256QAM	1	0	16.41	16.53	16.38		
20	256QAM	1	49	16.44	16.56	16.41	18.2	0
20	256QAM	1	99	16.41	16.59	16.39		
20	256QAM	50	0	16.40	16.56	16.45		
20	256QAM	50	24	16.55	16.57	16.41	18.2	0
20	256QAM	50	50	16.44	16.44	16.35		
20	256QAM	100	0	16.46	16.45	16.39		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.50	16.55	16.38		
15	QPSK	1	37	16.30	16.40	16.29	18.2	0
15	QPSK	1	74	16.27	16.36	16.39		
15	QPSK	36	0	16.36	16.53	16.27		
15	QPSK	36	20	16.35	16.40	16.38	18.2	0
15	QPSK	36	39	16.33	16.30	16.31		
15	QPSK	75	0	16.30	16.49	16.38		
15	16QAM	1	0	16.29	16.48	16.21		
15	16QAM	1	37	16.26	16.52	16.38	18.2	0
15	16QAM	1	74	16.46	16.38	16.31		
15	16QAM	36	0	16.34	16.40	16.26		
15	16QAM	36	20	16.47	16.48	16.26	18.2	0
15	16QAM	36	39	16.40	16.34	16.29		
15	16QAM	75	0	16.43	16.36	16.43		
15	64QAM	1	0	16.52	16.40	16.34		
15	64QAM	1	37	16.49	16.41	16.30	18.2	0
15	64QAM	1	74	16.41	16.33	16.37		
15	64QAM	36	0	16.35	16.43	16.38		
15	64QAM	36	20	16.42	16.40	16.26	18.2	0
15	64QAM	36	39	16.39	16.36	16.26		
15	64QAM	75	0	16.33	16.39	16.30		
15	256QAM	1	0	16.34	16.39	16.28		
15	256QAM	1	37	16.32	16.43	16.28	18.2	0
15	256QAM	1	74	16.28	16.43	16.29		
15	256QAM	36	0	16.29	16.53	16.39		
15	256QAM	36	20	16.46	16.42	16.23	18.2	0
15	256QAM	36	39	16.28	16.41	16.31		
15	256QAM	75	0	16.29	16.43	16.23		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.42	16.48	16.46		
10	QPSK	1	25	16.46	16.40	16.33	18.2	0
10	QPSK	1	49	16.32	16.29	16.44		
10	QPSK	25	0	16.38	16.45	16.22		
10	QPSK	25	12	16.26	16.43	16.26	18.2	0
10	QPSK	25	25	16.33	16.34	16.27		
10	QPSK	50	0	16.31	16.44	16.21		
10	16QAM	1	0	16.35	16.46	16.30		
10	16QAM	1	25	16.27	16.43	16.26	18.2	0
10	16QAM	1	49	16.34	16.47	16.33		
10	16QAM	25	0	16.29	16.30	16.31		
10	16QAM	25	12	16.47	16.51	16.25	18.2	0
10	16QAM	25	25	16.34	16.33	16.32		
10	16QAM	50	0	16.45	16.44	16.22		
10	64QAM	1	0	16.54	16.41	16.30		
10	64QAM	1	25	16.53	16.43	16.30	18.2	0
10	64QAM	1	49	16.27	16.34	16.32		
10	64QAM	25	0	16.27	16.32	16.41		
10	64QAM	25	12	16.32	16.36	16.39	18.2	0
10	64QAM	25	25	16.38	16.42	16.36		
10	64QAM	50	0	16.40	16.50	16.56		
10	256QAM	1	0	16.24	16.36	16.30		
10	256QAM	1	25	16.28	16.42	16.32	18.2	0
10	256QAM	1	49	16.26	16.56	16.32		
10	256QAM	25	0	16.32	16.45	16.42		
10	256QAM	25	12	16.40	16.44	16.34	18.2	0
10	256QAM	25	25	16.39	16.37	16.20		
10	256QAM	50	0	16.40	16.36	16.27		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.56	16.57	16.32		
5	QPSK	1	12	16.34	16.38	16.28	18.2	0
5	QPSK	1	24	16.39	16.31	16.29		
5	QPSK	12	0	16.30	16.47	16.33		
5	QPSK	12	7	16.30	16.51	16.23	18.2	0
5	QPSK	12	13	16.41	16.40	16.51		
5	QPSK	25	0	16.26	16.50	16.21		
5	16QAM	1	0	16.30	16.42	16.34		
5	16QAM	1	12	16.43	16.36	16.36	18.2	0
5	16QAM	1	24	16.36	16.31	16.26		
5	16QAM	12	0	16.36	16.42	16.42		
5	16QAM	12	7	16.46	16.51	16.36	18.2	0
5	16QAM	12	13	16.27	16.24	16.24		
5	16QAM	25	0	16.37	16.29	16.26		
5	64QAM	1	0	16.49	16.46	16.36		
5	64QAM	1	12	16.46	16.44	16.26	18.2	0
5	64QAM	1	24	16.42	16.45	16.37		
5	64QAM	12	0	16.35	16.43	16.30		
5	64QAM	12	7	16.44	16.37	16.39	18.2	0
5	64QAM	12	13	16.47	16.32	16.42		
5	64QAM	25	0	16.46	16.46	16.24		
5	256QAM	1	0	16.36	16.47	16.21		
5	256QAM	1	12	16.38	16.52	16.26	18.2	0
5	256QAM	1	24	16.38	16.56	16.29		
5	256QAM	12	0	16.32	16.53	16.41		
5	256QAM	12	7	16.50	16.39	16.31	18.2	0
5	256QAM	12	13	16.31	16.26	16.21		
5	256QAM	25	0	16.35	16.35	16.25		

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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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.75	15.96	15.86		
20	QPSK	1	49	15.73	15.84	15.88	17.1	0
20	QPSK	1	99	15.64	15.82	15.99		
20	QPSK	50	0	15.59	15.93	15.82		
20	QPSK	50	24	15.54	15.80	15.70	17.1	0
20	QPSK	50	50	15.53	15.67	15.91		
20	QPSK	100	0	15.68	15.89	15.80		
20	16QAM	1	0	15.60	15.69	15.74		
20	16QAM	1	49	15.51	15.64	15.92	17.1	0
20	16QAM	1	99	15.66	15.91	15.69		
20	16QAM	50	0	15.61	15.68	15.69		
20	16QAM	50	24	15.57	15.80	15.86	17.1	0
20	16QAM	50	50	15.61	15.79	15.75		
20	16QAM	100	0	15.63	15.66	15.76		
20	64QAM	1	0	15.50	15.79	15.87		
20	64QAM	1	49	15.59	15.78	15.75	17.1	0
20	64QAM	1	99	15.62	15.72	15.79		
20	64QAM	50	0	15.59	15.77	15.88		
20	64QAM	50	24	15.71	15.85	15.75	17.1	0
20	64QAM	50	50	15.71	15.74	15.74		
20	64QAM	100	0	15.49	15.69	15.86		
20	256QAM	1	0	15.57	15.86	15.85		
20	256QAM	1	49	15.60	15.78	15.83	17.1	0
20	256QAM	1	99	15.58	15.75	15.81		
20	256QAM	50	0	15.68	15.81	15.79		
20	256QAM	50	24	15.60	15.95	15.80	17.1	0
20	256QAM	50	50	15.54	15.81	15.77		
20	256QAM	100	0	15.55	15.67	15.94		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.65	15.93	15.68		
15	QPSK	1	37	15.71	15.81	15.70	17.1	0
15	QPSK	1	74	15.49	15.72	15.79		
15	QPSK	36	0	15.53	15.87	15.81		
15	QPSK	36	20	15.44	15.65	15.68	17.1	0
15	QPSK	36	39	15.49	15.64	15.72		
15	QPSK	75	0	15.65	15.81	15.73		
15	16QAM	1	0	15.58	15.50	15.66		
15	16QAM	1	37	15.39	15.45	15.89	17.1	0
15	16QAM	1	74	15.52	15.82	15.62		
15	16QAM	36	0	15.57	15.55	15.66		
15	16QAM	36	20	15.49	15.74	15.80	17.1	0
15	16QAM	36	39	15.43	15.71	15.67		
15	16QAM	75	0	15.50	15.62	15.65		
15	64QAM	1	0	15.39	15.63	15.85		
15	64QAM	1	37	15.56	15.76	15.73	17.1	0
15	64QAM	1	74	15.59	15.64	15.74		
15	64QAM	36	0	15.51	15.66	15.85		
15	64QAM	36	20	15.63	15.67	15.66	17.1	0
15	64QAM	36	39	15.67	15.62	15.58		
15	64QAM	75	0	15.39	15.58	15.76		
15	256QAM	1	0	15.55	15.83	15.67		
15	256QAM	1	37	15.56	15.67	15.82	17.1	0
15	256QAM	1	74	15.46	15.57	15.68		
15	256QAM	36	0	15.53	15.63	15.74		
15	256QAM	36	20	15.49	15.79	15.74	17.1	0
15	256QAM	36	39	15.41	15.68	15.64		
15	256QAM	75	0	15.52	15.49	15.79		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.68	15.83	15.84		
10	QPSK	1	25	15.71	15.70	15.87	17.1	0
10	QPSK	1	49	15.46	15.64	15.81		
10	QPSK	25	0	15.50	15.75	15.68		
10	QPSK	25	12	15.48	15.78	15.58	17.1	0
10	QPSK	25	25	15.47	15.54	15.87		
10	QPSK	50	0	15.57	15.85	15.76		
10	16QAM	1	0	15.42	15.53	15.59		
10	16QAM	1	25	15.41	15.53	15.90	17.1	0
10	16QAM	1	49	15.59	15.83	15.50		
10	16QAM	25	0	15.50	15.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.17	17.23	17.18	18.5	0
20	QPSK	1	49	17.03	17.09	17.01		
20	QPSK	1	99	17.09	17.18	17.02		
20	QPSK	50	0	17.06	17.14	17.07	18.5	0
20	QPSK	50	24	17.01	17.09	17.10		
20	QPSK	50	50	17.07	17.13	17.07		
20	QPSK	100	0	16.99	17.10	17.00		
20	16QAM	1	0	17.09	17.14	17.13	18.5	0
20	16QAM	1	49	17.10	17.21	16.99		
20	16QAM	1	99	17.03	17.11	17.07		
20	16QAM	50	0	17.08	17.15	17.09	18.5	0
20	16QAM	50	24	17.01	17.10	17.15		
20	16QAM	50	50	16.98	17.17	17.09		
20	16QAM	100	0	17.05	17.16	17.17		
20	64QAM	1	0	17.00	17.09	17.12	18.5	0
20	64QAM	1	49	17.15	17.06	17.02		
20	64QAM	1	99	16.99	17.22	17.14		
20	64QAM	50	0	17.15	17.19	17.02	18.5	0
20	64QAM	50	24	17.04	17.13	17.11		
20	64QAM	50	50	16.98	17.19	17.17		
20	64QAM	100	0	17.10	17.06	17.01		
20	256QAM	1	0	17.09	17.11	17.03	18.5	0
20	256QAM	1	49	17.13	17.12	17.11		
20	256QAM	1	99	17.00	17.15	17.05		
20	256QAM	50	0	17.12	17.10	17.15	18.5	0
20	256QAM	50	24	17.12	17.13	17.11		
20	256QAM	50	50	17.15	17.11	17.16		
20	256QAM	100	0	17.13	17.20	17.10		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.14	17.15	17.02	18.5	0
15	QPSK	1	37	16.86	16.99	16.83		
15	QPSK	1	74	16.95	17.13	17.00		
15	QPSK	36	0	17.04	16.99	17.04	18.5	0
15	QPSK	36	20	16.98	16.94	16.99		
15	QPSK	36	39	16.93	17.11	17.03		
15	QPSK	75	0	16.93	16.95	16.92		
15	16QAM	1	0	17.01	17.02	17.12	18.5	0
15	16QAM	1	37	16.91	17.15	16.90		
15	16QAM	1	74	16.95	17.08	16.93		
15	16QAM	36	0	17.02	17.09	16.91	18.5	0
15	16QAM	36	20	16.94	17.00	17.11		
15	16QAM	36	39	16.92	17.05	17.02		
15	16QAM	75	0	17.03	17.10	17.14		
15	64QAM	1	0	16.86	16.92	16.99	18.5	0
15	64QAM	1	37	16.98	17.00	16.90		
15	64QAM	1	74	16.87	17.05	16.98		
15	64QAM	36	0	17.14	17.11	16.92	18.5	0
15	64QAM	36	20	16.95	16.99	16.99		
15	64QAM	36	39	16.97	17.09	17.09		
15	64QAM	75	0	17.06	16.97	16.97		
15	256QAM	1	0	16.96	17.05	16.94	18.5	0
15	256QAM	1	37	17.08	17.03	17.05		
15	256QAM	1	74	16.89	17.02	16.86		
15	256QAM	36	0	16.94	17.05	17.09	18.5	0
15	256QAM	36	20	16.98	16.96	17.01		
15	256QAM	36	39	17.09	17.10	17.14		
15	256QAM	75	0	17.08	17.15	16.97		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.10	17.10	17.12	18.5	0
10	QPSK	1	25	16.86	16.98	16.92		
10	QPSK	1	49	16.98	16.99	16.90		
10	QPSK	25	0	16.99	17.06	17.03	18.5	0
10	QPSK	25	12	16.91	17.02	17.03		
10	QPSK	25	25	17.00	17.08	16.91		
10	QPSK	50	0	16.97	16.91	16.96		
10	16QAM	1	0	17.05	17.09	17.02	18.5	0
10	16QAM	1	25	16.96	17.15	16.87		
10	16QAM	1	49	16.97	17.09	17.06		
10	16QAM	25	0	17.05	17.06	16.97	18.5	0
10	16QAM	25	12	17.00	17.05	17.05		
10	16QAM	25	25	16.80	17.04	17.04		
10	16QAM	50	0	16.94	17.14	17.01		
10	64QAM	1	0	16.97	16.94	17.11	18.5	0
10	64QAM	1	25	17.08	17.03	17.00		
10	64QAM	1	49	16.90	17.18	16.99		
10	64QAM	25	0	16.99	17.03	16.83	18.5	0
10	64QAM	25	12	17.01	17.00	17.06		
10	64QAM	25	25	16.97	17.08	17.05		
10	64QAM	50	0	16.98	16.87	16.89		
10	256QAM	1	0	16.94	17.09	16.88	18.5	0
10	256QAM	1	25	17.05	17.09	16.92		
10	256QAM	1	49	16.84	17.12	17.04		
10	256QAM	25	0	16.97	16.96	17.02	18.5	0
10	256QAM	25	12	17.00	17.01	17.01		
10	256QAM	25	25	17.04	17.03	16.98		
10	256QAM	50	0	16.97	17.13	16.95		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.06	17.10	17.08	18.5	0
5	QPSK	1	12	16.98	16.95	16.93		
5	QPSK	1	24	16.98	17.11	16.94		
5	QPSK	12	0	17.02	17.11	17.00	18.5	0
5	QPSK	12	7	16.91	17.05	17.09		
5	QPSK	12	13	17.00	16.97	16.92		
5	QPSK	25	0	16.82	16.94	16.95		
5	16QAM	1	0	16.90	17.13	17.07	18.5	0
5	16QAM	1	12	16.96	17.08	16.83		
5	16QAM	1	24	16.89	16.98	17.04		
5	16QAM	12	0	16.99	17.01	16.99	18.5	0
5	16QAM	12	7	16.93	17.05	16.99		
5	16QAM	12	13	16.87	17.02	17.03		
5	16QAM	25	0	16.89	17.03	17.04		
5	64QAM	1	0	16.90	17.03	17.01	18.5	0
5	64QAM	1	12	16.97	17.00	16.93		
5	64QAM	1	24	16.87	17.18	17.00		
5	64QAM	12	0	17.12	17.14	16.94	18.5	0
5	64QAM	12	7	16.98	17.07	17.03		
5	64QAM	12	13	16.80	17.04	17.02		
5	64QAM	25	0	17.01	16.98	16.94		
5	256QAM	1	0	16.91	17.07	17.00	18.5	0
5	256QAM	1	12	17.05	17.01	17.03		
5	256QAM	1	24	16.90	17.14	16.93		
5	256QAM	12	0	16.99	17.00	16.98	18.5	0
5	256QAM	12	7	16.99	17.08	17.06		
5	256QAM	12	13	17.01	16.98	17.10		
5	256QAM	25	0	17.07	17.08	17.00		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.28	18.14	18.37	18.34	18.15	19.5	0
20	QPSK	1	49	18.23	18.01	18.26	18.19	17.99		
20	QPSK	1	99	18.11	17.99	18.21	18.18	18.07		
20	QPSK	50	0	18.26	17.98	18.35	18.29	17.97	19.5	0
20	QPSK	50	24	18.20	18.04	18.24	18.30	18.08		
20	QPSK	50	50	18.25	17.97	18.33	18.18	18.06		
20	QPSK	100	0	18.14	18.05	18.33	18.26	18.01		
20	16QAM	1	0	18.18	17.96	18.30	18.31	17.99	19.5	0
20	16QAM	1	49	18.09	17.98	18.27	18.16	18.10		
20	16QAM	1	99	18.19	17.98	18.18	18.22	18.00		
20	16QAM	50	0	18.12	18.09	18.32	18.16	18.13	19.5	0
20	16QAM	50	24	18.16	18.02	18.22	18.31	18.04		
20	16QAM	50	50	18.15	18.12	18.24	18.27	18.09		
20	16QAM	100	0	18.20	17.99	18.26	18.27	18.01		
20	64QAM	1	0	18.11	18.04	18.22	18.31	18.06	19.5	0
20	64QAM	1	49	18.18	18.01	18.20	18.30	18.10		
20	64QAM	1	99	18.19	17.98	18.28	18.32	17.96		
20	64QAM	50	0	18.21	18.02	18.18	18.16	17.96	19.5	0
20	64QAM	50	24	18.22	18.10	18.24	18.25	18.04		
20	64QAM	50	50	18.15	18.01	18.35	18.30	17.97		
20	64QAM	100	0	18.25	18.02	18.29	18.19	18.01		
20	256QAM	1	0	17.33	17.52	17.62	17.47	17.58	19	0.5
20	256QAM	1	49	17.57	17.50	17.48	17.57	17.64		
20	256QAM	1	99	17.45	17.51	17.66	17.53	17.69		
20	256QAM	50	0	17.49	17.59	17.59	17.51	17.52	19	0.5
20	256QAM	50	24	17.40	17.62	17.51	17.28	17.57		
20	256QAM	50	50	17.38	17.66	17.62	17.66	17.48		
20	256QAM	100	0	17.51	17.25	17.38	17.10	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	18.12	18.08	18.35	18.16	18.02	19.50	0
15	QPSK	1	37	18.08	17.91	18.16	18.14	17.87		
15	QPSK	1	74	17.93	17.91	18.04	18.10	17.88		
15	QPSK	36	0	18.12	17.96	18.30	18.23	17.90	19.5	0
15	QPSK	36	20	18.14	17.98	18.10	18.27	17.92		
15	QPSK	36	39	18.14	17.95	18.18	18.13	17.92		
15	QPSK	75	0	18.05	17.99	18.22	18.12	17.88		
15	16QAM	1	0	18.01	17.91	18.15	18.24	17.94	19.5	0
15	16QAM	1	37	17.92	17.96	18.12	18.09	18.04		
15	16QAM	1	74	18.12	17.83	18.09	18.07	17.94		
15	16QAM	36	0	17.99	17.96	18.24	18.01	18.11	19.5	0
15	16QAM	36	20	18.07	17.85	18.18	18.16	17.88		
15	16QAM	36	39	18.13	18.11	18.11	18.21	18.07		
15	16QAM	75	0	18.15	17.98	18.24	18.13	17.87		
15	64QAM	1	0	18.08	17.95	18.17	18.19	18.01	19.5	0
15	64QAM	1	37	18.14	18.00	18.14	18.29	18.01		
15	64QAM	1	74	18.01	17.85	18.13	18.22	17.81		
15	64QAM	36	0	18.15	17.93	18.15	18.02	17.78	19.5	0
15	64QAM	36	20	18.09	18.00	18.06	18.07	17.97		
15	64QAM	36	39	18.01	17.93	18.23	18.19	17.89		
15	64QAM	75	0	18.10	17.96	18.15	18.02	17.99		
15	256QAM	1	0	17.27	17.47	17.44	17.36	17.53	19	0.5
15	256QAM	1	37	17.53	17.42	17.43	17.44	17.50		
15	256QAM	1	74	17.32	17.42	17.63	17.38	17.56		
15	256QAM	36	0	17.34	17.58	17.48	17.40	17.52	19	0.5
15	256QAM	36	20	17.25	17.52	17.40	17.11	17.47		
15	256QAM	36	39	17.35	17.61	17.55	17.55	17.30		
15	256QAM	75	0	17.42	17.21	17.35	17.07	17.45		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.15	18.02	18.36	18.32	18.11	19.50	0
10	QPSK	1	25	18.19	17.94	18.23	18.05	17.98		
10	QPSK	1	49	18.03	17.95	18.03	18.01	18.03		
10	QPSK	25	0	18.22	17.97	18.25	18.22	17.81	19.5	0
10	QPSK	25	12	18.10	17.96	18.16	18.12	18.07		
10	QPSK	25	25	18.16	17.94	18.25	18.08	18.01		
10	QPSK	50	0	18.05	17.97	18.16	18.21	17.83		
10	16QAM	1	0	18.12	17.87	18.22	18.26	17.84	19.5	0
10	16QAM	1	25	17.91	17.85	18.16	18.03	17.99		
10	16QAM	1	49	18.02	17.92	18.16	18.18	17.95		
10	16QAM	25	0	17.95	18.06	18.31	18.04	17.96	19.5	0
10	16QAM	25	12	18.06	17.86	18.03	18.29	17.85		
10	16QAM	25	25	18.04	18.09	18.06	18.23	17.95		
10	16QAM	50	0	18.04	17.90	18.22	18.21	17.84		
10	64QAM	1	0	18.00	17.93	18.13	18.21	17.97	19.5	0
10	64QAM	1	25	18.03	17.86	18.13	18.19	18.02		
10	64QAM	1	49	18.12	17.94	18.18	18.24	17.93		
10	64QAM	25	0	18.16	17.88	18.15	18.10	17.86	19.5	0
10	64QAM	25	12	18.07	17.97	18.18	18.07	17.93		
10	64QAM	25	25	18.11	17.89	18.23	18.24	17.84		
10	64QAM	50	0	18.10	17.87	18.19	18.03	18.00		
10	256QAM	1	0	17.19	17.51	17.47	17.36	17.47	19	0.5
10	256QAM	1	25	17.53	17.49	17.42	17.43	17.57		
10	256QAM	1	49	17.40	17.46	17.59	17.52	17.50		
10	256QAM	25	0	17.42	17.54	17.56	17.32	17.45	19	0.5
10	256QAM	25	12	17.33	17.46	17.44	17.26	17.40		
10	256QAM	25	25	17.19	17.54	17.60	17.61	17.32		
10	256QAM	50	0	17.40	17.18	17.33	17.05	17.42		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.15	18.05	18.29	18.24	18.01	19.50	0
5	QPSK	1	12	18.04	17.99	18.23	18.17	17.87		
5	QPSK	1	24	18.06	17.87	18.05	18.04	17.91		
5	QPSK	12	0	18.08	17.88	18.19	18.16	17.89	19.5	0
5	QPSK	12	7	18.18	17.98	18.06	18.26	17.92		
5	QPSK	12	13	18.13	17.82	18.30	18.10	17.91		
5	QPSK	25	0	18.09	17.88	18.14	18.08	17.90		
5	16QAM	1	0	18.16	17.88	18.14	18.26	17.94	19.5	0
5	16QAM	1	12	18.05	17.95	18.10	17.98	18.02		
5	16QAM	1	24	18.12	17.79	18.02	18.11	17.88		
5	16QAM	12	0	18.09	18.00	18.24	18.05	18.09	19.5	0
5	16QAM	12	7	18.14	18.00	18.17	18.22	17.85		
5	16QAM	12	13	17.98	18.02	18.06	18.08	18.01		
5	16QAM	25	0	18.05	17.90	18.23	18.12	17.90		
5	64QAM	1	0	17.94	17.86	18.15	18.21	18.04	19.5	0
5	64QAM	1	12	18.00	17.85	18.07	18.28	18.05		
5	64QAM	1	24	18.06	17.91	18.12	18.24	17.95		
5	64QAM	12	0	18.03	17.88	18.05	18.07	17.83	19.5	0
5	64QAM	12	7	18.20	18.06	18.16	18.20	18.03		
5	64QAM	12	13	18.03	17.92	18.26	18.28	17.82		
5	64QAM	25	0	18.14	17.86	18.13	18.15	17.85		
5	256QAM	1	0	17.14	17.33	17.56	17.34	17.46	19	0.5
5	256QAM	1	12	17.53	17.48	17.37	17.42	17.56		
5	256QAM	1	24	17.30	17.32	17.63	17.39	17.56		
5	256QAM	12	0	17.40	17.53	17.51	17.31	17.48	19	0.5
5	256QAM	12	7	17.24	17.59	17.37	17.14	17.49		
5	256QAM	12	13	17.35	17.48	17.52	17.47	17.48		
5	256QAM	25	0	17.48	17.14	17.37	17.04	17.41		

Reduced Power Mode for Other PA ECI3

Band 4 Ant 0 Other PA

BW [MHz]	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	18.71	18.81	18.78		
20	QPSK	1	49	18.68	18.57	18.48	20.1	0
20	QPSK	1	99	18.61	18.76	18.75		
20	QPSK	50	0	18.71	18.78	18.62		
20	QPSK	50	24	18.69	18.56	18.64	20.1	0
20	QPSK	50	50	18.71	18.59	18.54		
20	QPSK	100	0	18.70	18.75	18.74		
20	16QAM	1	0	18.67	18.69	18.55		
20	16QAM	1	49	18.72	18.67	18.74	20.1	0
20	16QAM	1	99	18.70	18.63	18.51		
20	16QAM	50	0	18.64	18.79	18.59		
20	16QAM	50	24	18.69	18.62	18.62	20.1	0
20	16QAM	50	50	18.51	18.67	18.64		
20	16QAM	100	0	18.69	18.71	18.57		
20	64QAM	1	0	18.72	18.72	18.75		
20	64QAM	1	49	18.61	18.64	18.68	20.1	0
20	64QAM	1	99	18.70	18.54	18.70		
20	64QAM	50	0	18.79	18.72	18.73		
20	64QAM	50	24	18.59	18.63	18.76	20.1	0
20	64QAM	50	50	18.71	18.65	18.76		
20	64QAM	100	0	18.67	18.77	18.64		
20	256QAM	1	0	17.69	17.74	17.66		
20	256QAM	1	49	17.81	17.76	17.79	19	1.1
20	256QAM	1	99	17.71	17.74	17.54		
20	256QAM	50	0	17.81	17.91	17.80		
20	256QAM	50	24	17.59	17.75	17.64	19	1.1
20	256QAM	50	50	17.88	17.84	17.83		
20	256QAM	100	0	17.74	17.83	17.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.60	18.77	18.60		
15	QPSK	1	37	18.56	18.42	18.34	20.1	0
15	QPSK	1	74	18.52	18.66	18.63		
15	QPSK	36	0	18.68	18.68	18.54		
15	QPSK	36	20	18.66	18.44	18.60	20.1	0
15	QPSK	36	39	18.58	18.51	18.48		
15	QPSK	75	0	18.66	18.72	18.69		
15	16QAM	1	0	18.61	18.61	18.53		
15	16QAM	1	37	18.57	18.65	18.58	20.1	0
15	16QAM	1	74	18.59	18.62	18.47		
15	16QAM	36	0	18.57	18.71	18.57		
15	16QAM	36	20	18.53	18.45	18.43	20.1	0
15	16QAM	36	39	18.44	18.49	18.53		
15	16QAM	75	0	18.60	18.66	18.44		
15	64QAM	1	0	18.68	18.70	18.73		
15	64QAM	1	37	18.47	18.51	18.60	20.1	0
15	64QAM	1	74	18.66	18.42	18.63		
15	64QAM	36	0	18.57	18.63	18.68		
15	64QAM	36	20	18.55	18.62	18.67	20.1	0
15	64QAM	36	39	18.64	18.59	18.69		
15	64QAM	75	0	18.63	18.69	18.51		
15	256QAM	1	0	17.70	17.61	17.60		
15	256QAM	1	37	17.82	17.55	17.80	19	1.1
15	256QAM	1	74	17.59	17.62	17.51		
15	256QAM	36	0	17.61	17.90	17.75		
15	256QAM	36	20	17.51	17.76	17.66	19	1.1
15	256QAM	36	39	17.79	17.77	17.76		
15	256QAM	75	0	17.73	17.75	17.50		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.56	18.77	18.60		
10	QPSK	1	25	18.64	18.51	18.30	20.1	0
10	QPSK	1	49	18.58	18.71	18.63		
10	QPSK	25	0	18.55	18.66	18.57		
10	QPSK	25	12	18.51	18.37	18.48	20.1	0
10	QPSK	25	25	18.57	18.57	18.51		
10	QPSK	50	0	18.60	18.63	18.70		
10	16QAM	1	0	18.61	18.60	18.47		
10	16QAM	1	25	18.64	18.56	18.67	20.1	0
10	16QAM	1	49	18.52	18.59	18.47		
10	16QAM	25	0	18.50	18.60	18.42		
10	16QAM	25	12	18.66	18.52	18.47	20.1	0
10	16QAM	25	25	18.32	18.56	18.53		
10	16QAM	50	0	18.57	18.55	18.56		
10	64QAM	1	0	18.55	18.61	18.71		
10	64QAM	1	25	18.46	18.63	18.55	20.1	0
10	64QAM	1	49	18.58	18.51	18.68		
10	64QAM	25	0	18.70	18.69	18.68		
10	64QAM	25	12	18.56	18.44	18.72	20.1	0
10	64QAM	25	25	18.67	18.50	18.65		
10	64QAM	50	0	18.52	18.71	18.46		
10	256QAM	1	0	17.62	17.65	17.51		
10	256QAM	1	25	17.75	17.59	17.77	19	1.1
10	256QAM	1	49	17.58	17.55	17.32		
10	256QAM	25	0	17.71	17.88	17.59		
10	256QAM	25	12	17.54	17.62	17.64	19	1.1
10	256QAM	25	25	17.88	17.79	17.78		
10	256QAM	50	0	17.63	17.62	17.51		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.68	18.78	18.86		
5	QPSK	1	12	18.61	18.51	18.45	20.1	0
5	QPSK	1	24	18.49	18.71	18.63		
5	QPSK	12	0	18.61	18.64	18.54		
5	QPSK	12	7	18.64	18.46	18.52	20.1	0
5	QPSK	12	13	18.56	18.56	18.39		
5	QPSK	25	0	18.62	18.68	18.68		
5	16QAM	1	0	18.62	18.53	18.38		
5	16QAM	1	12	18.66	18.57	18.70	20.1	0
5	16QAM	1	24	18.56	18.58	18.43		
5	16QAM	12	0	18.55	18.68	18.44		
5	16QAM	12	7	18.65	18.61	18.51		
5	16QAM	12	13	18.32	18.61	18.51	20.1	0
5	16QAM	25	0	18.53	18.62	18.43		
5	64QAM	1	0	18.56	18.57	18.63		
5	64QAM	1	12	18.43	18.46	18.62	20.1	0
5	64QAM	1	24	18.57	18.52	18.66		
5	64QAM	12	0	18.66	18.63	18.55		
5	64QAM	12	7	18.58	18.54	18.63	20.1	0
5	64QAM	12	13	18.67	18.50	18.74		
5	64QAM	25	0	18.55	18.64	18.60		
5	256QAM	1	0	17.56	17.68	17.54		
5	256QAM	1	12	17.82	17.77	17.60	19	1.1
5	256QAM	1	24	17.66	17.62	17.38		
5	256QAM	12	0	17.71	17.81	17.72		
5	256QAM	12	7	17.55	17.55	17.65	19	1.1
5	256QAM	12	13	17.81	17.77	17.70		
5	256QAM	25	0	17.58	17.66	17.50		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.69	18.68	18.67		
3	QPSK	1	8	18.59	18.48	18.45	20.1	0
3	QPSK	1	14	18.43	18.71	18.73		
3	QPSK	8	0	18.66	18.77	18.54		
3	QPSK	8	4	18.55	18.38	18.62	20.1	0
3	QPSK	8	7	18.65	18.45	18.40		
3	QPSK	15	0	18.65	18.65	18.63		
3	16QAM	1	0	18.55	18.61	18.46		
3	16QAM	1	8	18.70	18.63	18.72	20.1	0
3	16QAM	1	14	18.55	18.56	18.36		
3	16QAM	8	0	18.53	18.69	18.52		
3	16QAM	8	4	18.55	18.59	18.44	20.1	0
3	16QAM	8	7	18.37	18.58	18.56		
3	16QAM	15	0	18.64	18.52	18.48		
3	64QAM	1	0	18.64	18.68	18.70		
3	64QAM	1	8	18.46	18.55	18.59	20.1	0
3	64QAM	1	14	18.59	18.50	18.62		
3	64QAM	8	0	18.78	18.63	18.71		
3	64QAM	8	4	18.43	18.54	18.72	20.1	0
3	64QAM	8	7	18.65	18.47	18.60		
3	64QAM	15	0	18.56	18.63	18.54		
3	256QAM	1	0	17.64	17.67	17.50		
3	256QAM	1	8	17.79	17.60	17.63	19	1.1
3	256QAM	1	14	17.55	17.64	17.52		
3	256QAM	8	0	17.66	17.86	17.62		
3	256QAM	8	4	17.41	17.64	17.51	19	1.1
3	256QAM	8	7	17.76	17.71	17.63		
3	256QAM	15	0	17.58	17.74	17.54		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.58	18.66	18.67		
1.4	QPSK	1	3	18.64	18.43	18.34		
1.4	QPSK	1	5	18.57	18.68	18.67	20.1	0
1.4	QPSK	3	0	18.57	18.63	18.56		
1.4	QPSK	3	1	18.57	18.50	18.50		
1.4	QPSK	3	3	18.69	18.41	18.51		
1.4	QPSK	6	0	18.58	18.59	18.60	20.1	0
1.4	16QAM	1	0	18.54	18.67	18.51		
1.4	16QAM	1	3	18.65	18.63	18.61		
1.4	16QAM	1	5	18.62	18.46	18.45	20.1	0
1.4	16QAM	3	0	18.48	18.62	18.44		
1.4	16QAM	3	1	18.64	18.56	18.53		
1.4	16QAM	3	3	18.49	18.58	18.49		
1.4	16QAM	6	0	18.52	18.62	18.49	20.1	0
1.4	64QAM	1	0	18.56	18.64	18.66		
1.4	64QAM	1	3	18.59	18.55	18.52		
1.4	64QAM	1	5	18.56	18.50	18.57	20.1	0
1.4	64QAM	3	0	18.67	18.63	18.62		
1.4	64QAM	3	1	18.44	18.56	18.65		
1.4	64QAM	3	3	18.62	18.47	18.66		
1.4	64QAM	6	0	18.54	18.67	18.57	20.1	0
1.4	256QAM	1	0	17.51	17.83	17.85		
1.4	256QAM	1	3	17.86	17.67	17.68		
1.4	256QAM	1	5	17.68	17.52	17.37	19.1	1
1.4	256QAM	3	0	17.71	17.88	17.63		
1.4	256QAM	3	1	17.49	17.82	17.56		
1.4	256QAM	3	3	17.70	17.63	17.73		
1.4	256QAM	6	0	17.66	17.72	17.64	19.1	1

Band 7 Ant 0 Other PA

BW [MHz]	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	18.69	18.64		
20	QPSK	1	49	18.55	18.56	18.57	19.9	0
20	QPSK	1	99	18.61	18.61	18.60		
20	QPSK	50	0	18.61	18.65	18.45		
20	QPSK	50	24	18.63	18.63	18.63	19.9	0
20	QPSK	50	50	18.54	18.52	18.48		
20	QPSK	100	0	18.50	18.61	18.57		
20	16QAM	1	0	18.50	18.53	18.50		
20	16QAM	1	49	18.53	18.66	18.56	19.9	0
20	16QAM	1	99	18.54	18.51	18.56		
20	16QAM	50	0	18.53	18.64	18.57		
20	16QAM	50	24	18.66	18.50	18.60	19.9	0
20	16QAM	50	50	18.52	18.65	18.62		
20	16QAM	100	0	18.60	18.63	18.48		
20	64QAM	1	0	18.60	18.60	18.59		
20	64QAM	1	49	18.49	18.50	18.48	19.9	0
20	64QAM	1	99	18.65	18.60	18.49		
20	64QAM	50	0	18.53	18.61	18.54		
20	64QAM	50	24	18.54	18.51	18.52	19.9	0
20	64QAM	50	50	18.59	18.60	18.53		
20	64QAM	100	0	18.66	18.60	18.48		
20	256QAM	1	0	17.36	17.75	17.41		
20	256QAM	1	49	17.26	17.27	17.32	19	0.9
20	256QAM	1	99	17.38	17.40	17.37		
20	256QAM	50	0	17.47	17.70	17.40		
20	256QAM	50	24	17.49	17.73	17.25	19	0.9
20	256QAM	50	50	17.42	17.49	17.30		
20	256QAM	100	0	17.29	17.70	17.51		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.57	18.58	18.50		
15	QPSK	1	37	18.45	18.52	18.48	19.9	0
15	QPSK	1	74	18.53	18.53	18.41		
15	QPSK	36	0	18.52	18.55	18.38		
15	QPSK	36	20	18.61	18.56	18.48	19.9	0
15	QPSK	36	39	18.45	18.37	18.30		
15	QPSK	75	0	18.33	18.48	18.53		
15	16QAM	1	0	18.34	18.51	18.46		
15	16QAM	1	37	18.40	18.54	18.49	19.9	0
15	16QAM	1	74	18.52	18.42	18.38		
15	16QAM	36	0	18.51	18.51	18.46		
15	16QAM	36	20	18.64	18.33	18.43	19.9	0
15	16QAM	36	39	18.46	18.47	18.56		
15	16QAM	75	0	18.59	18.47	18.32		
15	64QAM	1	0	18.50	18.47	18.56		
15	64QAM	1	37	18.46	18.42	18.41	19.9	0
15	64QAM	1	74	18.58	18.47	18.40		
15	64QAM	36	0	18.49	18.53	18.51		
15	64QAM	36	20	18.52	18.37	18.45	19.9	0
15	64QAM	36	39	18.40	18.47	18.38		
15	64QAM	75	0	18.56	18.43	18.42		
15	256QAM	1	0	17.25	17.68	17.28		
15	256QAM	1	37	17.37	17.26	17.25	19	0.9
15	256QAM	1	74	17.31	17.37	17.30		
15	256QAM	36	0	17.35	17.63	17.25		
15	256QAM	36	20	17.32	17.68	17.31	19	0.9
15	256QAM	36	39	17.42	17.41	17.23		
15	256QAM	75	0	17.22	17.68	17.31		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.62	18.61	18.54		
10	QPSK	1	25	18.53	18.38	18.45	19.9	0
10	QPSK	1	49	18.56	18.45	18.56		
10	QPSK	25	0	18.50	18.48	18.38		
10	QPSK	25	12	18.48	18.49	18.56	19.9	0
10	QPSK	25	25	18.42	18.43	18.36		
10	QPSK	50	0	18.45	18.49	18.42		
10	16QAM	1	0	18.33	18.51	18.31		
10	16QAM	1	25	18.41	18.52	18.52	19.9	0
10	16QAM	1	49	18.44	18.34	18.52		
10	16QAM	25	0	18.46	18.48	18.41		
10	16QAM	25	12	18.58	18.34	18.54	19.9	0
10	16QAM	25	25	18.44	18.48	18.53		
10	16QAM	50	0	18.52	18.40	18.42		
10	64QAM	1	0	18.46	18.46	18.54		
10	64QAM	1	25	18.33	18.41	18.41	19.9	0
10	64QAM	1	49	18.56	18.46	18.33		
10	64QAM	25	0	18.46	18.44	18.47		
10	64QAM	25	12	18.44	18.36	18.43	19.9	0
10	64QAM	25	25	18.56	18.56	18.37		
10	64QAM	50	0	18.57	18.51	18.35		
10	256QAM	1	0	17.36	17.49	17.35		
10	256QAM	1	25	17.06	17.19	17.20	19	0.9
10	256QAM	1	49	17.31	17.39	17.31		
10	256QAM	25	0	17.33	17.50	17.27		
10	256QAM	25	12	17.29	17.63	17.27	19	0.9
10	256QAM	25	25	17.34	17.49	17.22		
10	256QAM	50	0	17.21	17.61	17.36		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.52	18.59	18.56		
5	QPSK	1	12	18.49	18.51	18.42	19.9	0
5	QPSK	1	24	18.51	18.52	18.58		
5	QPSK	12	0	18.60	18.56	18.33		
5	QPSK	12	7	18.57	18.57	18.48	19.9	0
5	QPSK	12	13	18.36	18.48	18.43		
5	QPSK	25	0	18.46	18.50	18.53		
5	16QAM	1	0	18.37	18.41	18.38		
5	16QAM	1	12	18.48	18.54	18.46	19.9	0
5	16QAM	1	24	18.43	18.47	18.43		
5	16QAM	12	0	18.49	18.51	18.52		
5	16QAM	12	7	18.59	18.33	18.56	19.9	0
5	16QAM	12	13	18.50	18.63	18.51		
5	16QAM	25	0	18.50	18.41	18.44		
5	64QAM	1	0	18.46	18.56	18.56		
5	64QAM	1	12	18.43	18.41	18.36	19.9	0
5	64QAM	1	24	18.62	18.50	18.46		
5	64QAM	12	0	18.45	18.52	18.52		
5	64QAM	12	7	18.37	18.44	18.44	19.9	0
5	64QAM	12	13	18.43	18.56	18.45		
5	64QAM	25	0	18.59	18.43	18.42		
5	256QAM	1	0	17.34	17.59	17.30		
5	256QAM	1	12	17.13	17.17	17.13	19	0.9
5	256QAM	1	24	17.21	17.27	17.20		
5	256QAM	12	0	17.48	17.51	17.22		
5	256QAM	12	7	17.45	17.52	17.13	19	0.9
5	256QAM	12	13	17.40	17.29	17.09		
5	256QAM	25	0	17.16	17.59	17.37		

Band 66 Ant 0 Other PA

BW [MHz]	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	18.85	18.89	18.84		
20	QPSK	1	49	18.69	18.73	18.67	20.1	0
20	QPSK	1	99	18.70	18.79	18.78		
20	QPSK	50	0	18.74	18.87	18.79		
20	QPSK	50	24	18.73	18.73	18.74	20.1	0
20	QPSK	50	50	18.74	18.78	18.69		
20	QPSK	100	0	18.81	18.82	18.80		
20	16QAM	1	0	18.71	18.77	18.72		
20	16QAM	1	49	18.78	18.79	18.77	20.1	0
20	16QAM	1	99	18.76	18.74	18.67		
20	16QAM	50	0	18.76	18.85	18.65		
20	16QAM	50	24	18.74	18.77	18.78	20.1	0
20	16QAM	50	50	18.69	18.77	18.70		
20	16QAM	100	0	18.82	18.83	18.69		
20	64QAM	1	0	18.77	18.78	18.80		
20	64QAM	1	49	18.70	18.75	18.80	20.1	0
20	64QAM	1	99	18.73	18.71	18.76		
20	64QAM	50	0	18.80	18.83	18.75		
20	64QAM	50	24	18.76	18.80	18.80	20.1	0
20	64QAM	50	50	18.81	18.75	18.79		
20	64QAM	100	0	18.70	18.88	18.71		
20	256QAM	1	0	17.54	17.62	17.85		
20	256QAM	1	49	17.62	17.81	17.49	19	1.1
20	256QAM	1	99	17.56	17.58	17.67		
20	256QAM	50	0	17.56	17.55	17.73		
20	256QAM	50	24	17.69	17.60	17.71	19	1.1
20	256QAM	50	50	17.65	17.71	17.43		
20	256QAM	100	0	17.48	17.61	17.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.73	18.88	18.65		
15	QPSK	1	37	18.56	18.65	18.62	20.1	0
15	QPSK	1	74	18.61	18.77	18.73		
15	QPSK	36	0	18.63	18.75	18.77		
15	QPSK	36	20	18.68	18.62	18.64	20.1	0
15	QPSK	36	39	18.56	18.72	18.55		
15	QPSK	75	0	18.71	18.75	18.77		
15	16QAM	1	0	18.59	18.65	18.67		
15	16QAM	1	37	18.69	18.72	18.76	20.1	0
15	16QAM	1	74	18.64	18.57	18.63		
15	16QAM	36	0	18.66	18.73	18.52		
15	16QAM	36	20	18.66	18.62	18.68	20.1	0
15	16QAM	36	39	18.52	18.75	18.55		
15	16QAM	75	0	18.76	18.65	18.65		
15	64QAM	1	0	18.73	18.68	18.73		
15	64QAM	1	37	18.59	18.71	18.76	20.1	0
15	64QAM	1	74	18.64	18.52	18.60		
15	64QAM	36	0	18.78	18.74	18.74		
15	64QAM	36	20	18.59	18.76	18.64	20.1	0
15	64QAM	36	39	18.75	18.65	18.72		
15	64QAM	75	0	18.68	18.75	18.69		
15	256QAM	1	0	17.46	17.59	17.63		
15	256QAM	1	37	17.51	17.61	17.40	19	1.1
15	256QAM	1	74	17.38	17.57	17.65		
15	256QAM	36	0	17.49	17.41	17.51		
15	256QAM	36	20	17.68	17.49	17.68	19	1.1
15	256QAM	36	39	17.52	17.59	17.32		
15	256QAM	75	0	17.27	17.52	17.67		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.66	18.83	18.67		
10	QPSK	1	25	18.51	18.67	18.54	20.1	0
10	QPSK	1	49	18.52	18.61	18.76		
10	QPSK	25	0	18.67	18.84	18.61		
10	QPSK	25	12	18.72	18.70	18.56	20.1	0
10	QPSK	25	25	18.61	18.66	18.66		
10	QPSK	50	0	18.78	18.79	18.61		
10	16QAM	1	0	18.56	18.61	18.57		
10	16QAM	1	25	18.71	18.75	18.68	20.1	0
10	16QAM	1	49	18.67	18.83	18.51		
10	16QA

Band 38 Ant 0 Other PA

BW [MHz]	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	17.56	17.68	17.53	18.5	0
20	QPSK	1	49	17.49	17.57	17.51		
20	QPSK	1	99	17.53	17.58	17.36		
20	QPSK	50	0	17.53	17.56	17.49	18.5	0
20	QPSK	50	24	17.52	17.50	17.37		
20	QPSK	50	50	17.37	17.55	17.50		
20	QPSK	100	0	17.51	17.52	17.43		
20	16QAM	1	0	17.51	17.64	17.42	18.5	0
20	16QAM	1	49	17.39	17.61	17.43		
20	16QAM	1	99	17.54	17.67	17.44		
20	16QAM	50	0	17.49	17.60	17.38	18.5	0
20	16QAM	50	24	17.41	17.62	17.51		
20	16QAM	50	50	17.52	17.54	17.43		
20	16QAM	100	0	17.38	17.65	17.49		
20	64QAM	1	0	17.44	17.49	17.48	18.5	0
20	64QAM	1	49	17.41	17.60	17.50		
20	64QAM	1	99	17.42	17.55	17.36		
20	64QAM	50	0	17.49	17.60	17.47	18.5	0
20	64QAM	50	24	17.44	17.61	17.39		
20	64QAM	50	50	17.49	17.67	17.36		
20	64QAM	100	0	17.51	17.61	17.37		
20	256QAM	1	0	17.47	17.56	17.42	18	0.5
20	256QAM	1	49	17.52	17.52	17.45		
20	256QAM	1	99	17.50	17.57	17.52		
20	256QAM	50	0	17.01	17.09	16.92	18	0.5
20	256QAM	50	24	17.01	16.74	17.03		
20	256QAM	50	50	17.00	16.92	17.08		
20	256QAM	100	0	17.17	17.05	17.09		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.52	17.63	17.39	18.5	0
15	QPSK	1	37	17.39	17.41	17.37		
15	QPSK	1	74	17.42	17.55	17.24		
15	QPSK	36	0	17.46	17.47	17.41	18.5	0
15	QPSK	36	20	17.50	17.44	17.32		
15	QPSK	36	39	17.30	17.37	17.43		
15	QPSK	75	0	17.43	17.48	17.34		
15	16QAM	1	0	17.43	17.45	17.28	18.5	0
15	16QAM	1	37	17.24	17.55	17.25		
15	16QAM	1	74	17.48	17.54	17.28		
15	16QAM	36	0	17.39	17.57	17.33	18.5	0
15	16QAM	36	20	17.23	17.58	17.34		
15	16QAM	36	39	17.48	17.41	17.39		
15	16QAM	75	0	17.22	17.51	17.33		
15	64QAM	1	0	17.28	17.46	17.31	18.5	0
15	64QAM	1	37	17.32	17.54	17.40		
15	64QAM	1	74	17.25	17.53	17.29		
15	64QAM	36	0	17.45	17.48	17.44	18.5	0
15	64QAM	36	20	17.35	17.54	17.32		
15	64QAM	36	39	17.48	17.53	17.29		
15	64QAM	75	0	17.48	17.50	17.23		
15	256QAM	1	0	16.81	16.77	16.92	18	0.5
15	256QAM	1	37	16.70	16.99	16.72		
15	256QAM	1	74	16.71	17.11	16.84		
15	256QAM	36	0	16.81	17.10	16.85	18	0.5
15	256QAM	36	20	16.89	16.83	17.03		
15	256QAM	36	39	16.93	16.88	16.99		
15	256QAM	75	0	17.08	17.03	17.08		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.55	17.56	17.47	18.5	0
10	QPSK	1	25	17.34	17.43	17.44		
10	QPSK	1	49	17.45	17.53	17.29		
10	QPSK	25	0	17.41	17.39	17.38	18.5	0
10	QPSK	25	12	17.45	17.42	17.35		
10	QPSK	25	25	17.29	17.47	17.33		
10	QPSK	50	0	17.36	17.42	17.26		
10	16QAM	1	0	17.38	17.55	17.29	18.5	0
10	16QAM	1	25	17.24	17.55	17.27		
10	16QAM	1	49	17.40	17.60	17.38		
10	16QAM	25	0	17.46	17.44	17.20	18.5	0
10	16QAM	25	12	17.29	17.60	17.40		
10	16QAM	25	25	17.42	17.38	17.25		
10	16QAM	50	0	17.27	17.59	17.38		
10	64QAM	1	0	17.32	17.47	17.41	18.5	0
10	64QAM	1	25	17.34	17.56	17.41		
10	64QAM	1	49	17.23	17.51	17.18		
10	64QAM	25	0	17.33	17.41	17.44	18.5	0
10	64QAM	25	12	17.42	17.53	17.34		
10	64QAM	25	25	17.38	17.61	17.25		
10	64QAM	50	0	17.49	17.57	17.21		
10	256QAM	1	0	16.99	16.89	16.74	18	0.5
10	256QAM	1	25	16.84	16.97	16.77		
10	256QAM	1	49	16.81	17.13	16.90		
10	256QAM	25	0	16.90	16.97	16.88	18	0.5
10	256QAM	25	12	16.84	16.62	16.93		
10	256QAM	25	25	16.85	16.92	17.10		
10	256QAM	50	0	17.07	16.99	16.92		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.42	17.65	17.47	18.5	0
5	QPSK	1	12	17.35	17.43	17.42		
5	QPSK	1	24	17.35	17.42	17.18		
5	QPSK	12	0	17.39	17.46	17.42	18.5	0
5	QPSK	12	7	17.44	17.44	17.20		
5	QPSK	12	13	17.19	17.50	17.40		
5	QPSK	25	0	17.50	17.41	17.28		
5	16QAM	1	0	17.48	17.53	17.25	18.5	0
5	16QAM	1	12	17.23	17.44	17.26		
5	16QAM	1	24	17.39	17.64	17.39		
5	16QAM	12	0	17.33	17.42	17.26	18.5	0
5	16QAM	12	7	17.29	17.43	17.49		
5	16QAM	12	13	17.47	17.48	17.41		
5	16QAM	25	0	17.20	17.54	17.35		
5	64QAM	1	0	17.25	17.46	17.44	18.5	0
5	64QAM	1	12	17.22	17.57	17.41		
5	64QAM	1	24	17.29	17.40	17.19		
5	64QAM	12	0	17.40	17.49	17.37	18.5	0
5	64QAM	12	7	17.32	17.47	17.30		
5	64QAM	12	13	17.44	17.60	17.32		
5	64QAM	25	0	17.33	17.46	17.32		
5	256QAM	1	0	16.96	16.83	16.94	18	0.5
5	256QAM	1	12	16.80	17.01	16.89		
5	256QAM	1	24	16.71	17.20	16.76		
5	256QAM	12	0	16.79	16.94	16.74	18	0.5
5	256QAM	12	7	16.96	16.68	16.86		
5	256QAM	12	13	16.90	16.80	17.08		
5	256QAM	25	0	17.09	16.98	16.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.88	19.08	19.09	18.99	18.94	20	0
20	QPSK	1	49	18.73	18.97	19.01	18.85	18.90		
20	QPSK	1	99	18.80	18.90	18.97	18.81	18.80		
20	QPSK	50	0	18.80	19.03	19.04	18.91	18.79	20	0
20	QPSK	50	24	18.86	18.95	19.02	18.98	18.78		
20	QPSK	50	50	18.80	18.97	18.85	18.81	18.93		
20	QPSK	100	0	18.85	18.95	19.01	18.91	18.90		
20	16QAM	1	0	18.72	18.89	19.00	18.83	18.89	20	0
20	16QAM	1	49	18.74	18.90	19.00	18.81	18.84		
20	16QAM	1	99	18.73	18.97	18.88	18.83	18.86		
20	16QAM	50	0	18.80	18.93	18.98	18.94	18.78	20	0
20	16QAM	50	24	18.83	19.06	18.97	18.81	18.91		
20	16QAM	50	50	18.80	18.92	19.03	18.81	18.82		
20	16QAM	100	0	18.84	18.97	18.97	18.95	18.91		
20	64QAM	1	0	18.78	18.98	19.00	18.81	18.91	20	0
20	64QAM	1	49	18.71	18.95	18.96	18.91	18.85		
20	64QAM	1	99	18.84	18.91	18.97	18.86	18.81		
20	64QAM	50	0	18.84	19.04	18.95	18.90	18.87	20	0
20	64QAM	50	24	18.71	18.95	18.96	18.91	18.85		
20	64QAM	50	50	18.84	18.91	18.97	18.86	18.81		
20	64QAM	100	0	18.84	19.04	18.95	18.90	18.87		
20	256QAM	1	0	16.82	16.76	16.82	16.76	16.79	18	2
20	256QAM	1	49	16.58	16.58	16.60	16.46	16.58		
20	256QAM	1	99	16.63	16.49	16.70	16.49	16.55		
20	256QAM	50	0	16.42	16.57	16.63	16.62	16.53	18	2
20	256QAM	50	24	16.61	16.62	16.77	16.70	16.63		
20	256QAM	50	50	16.48	16.48	16.53	16.49	16.44		
20	256QAM	100	0	16.53	16.50	16.66	16.63	16.66		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.74	19.01	18.98	18.86	18.87	20.00	0
15	QPSK	1	37	18.71	18.91	18.94	18.72	18.76		
15	QPSK	1	74	18.69	18.81	18.82	18.70	18.75		
15	QPSK	36	0	18.72	19.00	18.87	18.85	18.69	20	0
15	QPSK	36	20	18.82	18.77	18.99	18.86	18.73		
15	QPSK	36	39	18.68	18.85	18.67	18.74	18.81		
15	QPSK	75	0	18.76	18.83	18.94	18.72	18.72		
15	16QAM	1	0	18.60	18.88	18.81	18.77	18.85	20	0
15	16QAM	1	37	18.58	18.80	18.96	18.68	18.81		
15	16QAM	1	74	18.61	18.83	18.81	18.69	18.76		
15	16QAM	36	0	18.78	18.78	18.85	18.84	18.68	20	0
15	16QAM	36	20	18.77	18.93	18.93	18.73	18.76		
15	16QAM	36	39	18.75	18.78	18.89	18.67	18.76		
15	16QAM	75	0	18.76	18.84	18.88	18.80	18.86		
15	64QAM	1	0	18.71	18.81	18.85	18.66	18.78	20	0
15	64QAM	1	37	18.57	18.86	18.87	18.84	18.77		
15	64QAM	1	74	18.75	18.78	18.88	18.83	18.74		
15	64QAM	36	0	18.81	18.94	18.94	18.75	18.83	20	0
15	64QAM	36	20	18.60	18.77	18.94	18.88	18.68		
15	64QAM	36	39	18.74	18.74	18.95	18.76	18.73		
15	64QAM	75	0	18.76	18.91	18.89	18.80	18.75		
15	256QAM	1	0	16.82	16.69	16.69	16.63	16.71	18	2
15	256QAM	1	37	16.42	16.55	16.43	16.37	16.47		
15	256QAM	1	74	16.44	16.32	16.69	16.37	16.47		
15	256QAM	36	0	16.33	16.56	16.49	16.48	16.33	18	2
15	256QAM	36	20	16.58	16.61	16.66	16.59	16.47		
15	256QAM	36	39	16.26	16.44	16.44	16.27	16.32		
15	256QAM	75	0	16.48	16.39	16.52	16.55	16.53		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.80	18.91	18.94	18.81	18.83	20.00	0
10	QPSK	1	25	18.63	18.81	18.93	18.81	18.75		
10	QPSK	1	49	18.64	18.84	18.80	18.63	18.69		
10	QPSK	25	0	18.74	18.97	18.88	18.82	18.61	20	0
10	QPSK	25	12	18.83	18.82	18.93	18.96	18.73		
10	QPSK	25	25	18.70	18.83	18.82	18.78	18.85		
10	QPSK	50	0	18.75	18.78	18.99	18.79	18.77		
10	16QAM	1	0	18.64	18.78	18.87	18.66	18.76	20	0
10	16QAM	1	25	18.72	18.88	18.98	18.63	18.69		
10	16QAM	1	49	18.72	18.82	18.69	18.75	18.68		
10	16QAM	25	0	18.76	18.83	18.80	18.81	18.65	20	0
10	16QAM	25	12	18.76	18.98	18.93	18.63	18.88		
10	16QAM	25	25	18.78	18.85	18.98	18.75	18.73		
10	16QAM	50	0	18.80	18.80	18.91	18.80	18.81		
10	64QAM	1	0	18.61	18.91	18.85	18.65	18.81	20	0
10	64QAM	1	25	18.55	18.83	18.94	18.83	18.72		
10	64QAM	1	49	18.73	18.83	18.84	18.84	18.77		
10	64QAM	25	0	18.66	18.91	18.89	18.78	18.76	20	0
10	64QAM	25	12	18.65	18.87	18.84	18.76	18.69		
10	64QAM	25	25	18.72	18.85	18.85	18.69	18.70		
10	64QAM	50	0	18.80	18.95	18.86	18.72	18.78		
10	256QAM	1	0	16.61	16.54	16.80	16.76	16.70	18	2
10	256QAM	1	25	16.39	16.48	16.44	16.35	16.50		
10	256QAM	1	49	16.63	16.41	16.54	16.48	16.51		
10	256QAM	25	0	16.44	16.49	16.61	16.63	16.39	18	2
10	256QAM	25	12	16.61	16.51	16.64	16.62	16.43		
10	256QAM	25	25	16.32	16.31	16.37	16.34	16.25		
10	256QAM	50	0	16.41	16.36	16.56	16.63	16.67		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.74	19.06	18.92	18.86	18.76	20.00	0
5	QPSK	1	12	18.58	18.90	18.84	18.82	18.79		
5	QPSK	1	24	18.71	18.78	18.88	18.65	18.67		
5	QPSK	12	0	18.64	18.85	18.86	18.80	18.63	20	0
5	QPSK	12	7	18.68	18.79	19.00	18.91	18.61		
5	QPSK	12	13	18.65	18.87	18.76	18.69	18.91		
5	QPSK	25	0	18.81	18.93	18.85	18.78	18.85		
5	16QAM	1	0	18.64	18.74	18.87	18.65	18.80	20	0
5	16QAM	1	12	18.71	18.84	18.93	18.66	18.81		
5	16QAM	1	24	18.66	18.95	18.72	18.76	18.78		
5	16QAM	12	0	18.72	18.81	18.85	18.80	18.69	20	0
5	16QAM	12	7	18.66	18.90	18.87	18.64	18.87		
5	16QAM	12	13	18.70	18.89	18.97	18.73	18.65		
5	16QAM	25	0	18.75	18.79	18.93	18.83	18.81		
5	64QAM	1	0	18.67	18.84	18.81	18.67	18.74	20	0
5	64QAM	1	12	18.66	18.89	18.77	18.82	18.84		
5	64QAM	1	24	18.76	18.88	18.83	18.70	18.73		
5	64QAM	12	0	18.82	18.89	18.89	18.78	18.81	20	0
5	64QAM	12	7	18.52	18.83	18.85	18.74	18.74		
5	64QAM	12	13	18.67	18.78	18.89	18.78	18.69		
5	64QAM	25	0	18.77	18.95	18.82	18.81	18.73		
5	256QAM	1	0	16.81	16.63	16.71	16.75	16.57	18	2
5	256QAM	1	12	16.47	16.44	16.53	16.44	16.44		
5	256QAM	1	24	16.44	16.44	16.57	16.39	16.52		
5	256QAM	12	0	16.25	16.52	16.48	16.48	16.39	18	2
5	256QAM	12	7	16.52	16.57	16.57	16.50	16.62		
5	256QAM	12	13	16.46	16.45	16.40	16.44	16.31		
5	256QAM	25	0	16.35	16.31	16.64	16.51	16.51		

Band 4 Ant 1 Other PA

BW [MHz]	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	15.69	15.89	15.68	17	0
20	QPSK	1	49	15.61	15.67	15.57		
20	QPSK	1	99	15.57	15.76	15.54		
20	QPSK	50	0	15.56	15.78	15.55		
20	QPSK	50	24	15.76	15.62	15.61	17	0
20	QPSK	50	50	15.61	15.62	15.67		
20	QPSK	100	0	15.54	15.67	15.48		
20	16QAM	1	0	15.63	15.72	15.63		
20	16QAM	1	49	15.69	15.76	15.47	17	0
20	16QAM	1	99	15.53	15.72	15.68		
20	16QAM	50	0	15.60	15.65	15.65		
20	16QAM	50	24	15.76	15.68	15.70	17	0
20	16QAM	50	50	15.62	15.71	15.62		
20	16QAM	100	0	15.65	15.67	15.67		
20	64QAM	1	0	15.61	15.66	15.61		
20	64QAM	1	49	15.64	15.68	15.61	17	0
20	64QAM	1	99	15.56	15.87	15.59		
20	64QAM	50	0	15.51	15.61	15.69		
20	64QAM	50	24	15.70	15.62	15.66	17	0
20	64QAM	50	50	15.60	15.74	15.48		
20	64QAM	100	0	15.61	15.80	15.81		
20	256QAM	1	0	15.64	15.75	15.64		
20	256QAM	1	49	15.62	15.79	15.65	17	0
20	256QAM	1	99	15.56	15.77	15.76		
20	256QAM	50	0	15.75	15.74	15.57		
20	256QAM	50	24	15.67	15.76	15.66	17	0
20	256QAM	50	50	15.58	15.66	15.63		
20	256QAM	100	0	15.52	15.72	15.81		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.65	15.85	15.59	17	0
15	QPSK	1	37	15.52	15.53	15.50		
15	QPSK	1	74	15.41	15.59	15.44		
15	QPSK	36	0	15.49	15.76	15.48		
15	QPSK	36	20	15.64	15.50	15.42	17	0
15	QPSK	36	39	15.43	15.54	15.52		
15	QPSK	75	0	15.47	15.49	15.32		
15	16QAM	1	0	15.53	15.59	15.53		
15	16QAM	1	37	15.61	15.70	15.28	17	0
15	16QAM	1	74	15.39	15.56	15.59		
15	16QAM	36	0	15.58	15.64	15.50		
15	16QAM	36	20	15.74	15.64	15.56	17	0
15	16QAM	36	39	15.52	15.70	15.54		
15	16QAM	75	0	15.55	15.66	15.50		
15	64QAM	1	0	15.44	15.63	15.43		
15	64QAM	1	37	15.53	15.51	15.55	17	0
15	64QAM	1	74	15.55	15.74	15.47		
15	64QAM	36	0	15.32	15.53	15.54		
15	64QAM	36	20	15.69	15.49	15.63	17	0
15	64QAM	36	39	15.53	15.58	15.37		
15	64QAM	75	0	15.55	15.69	15.73		
15	256QAM	1	0	15.61	15.64	15.57		
15	256QAM	1	37	15.45	15.69	15.49	17	0
15	256QAM	1	74	15.48	15.68	15.58		
15	256QAM	36	0	15.70	15.70	15.43		
15	256QAM	36	20	15.56	15.58	15.56	17	0
15	256QAM	36	39	15.43	15.55	15.45		
15	256QAM	75	0	15.48	15.67	15.75		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.66	15.73	15.65	17	0
10	QPSK	1	25	15.45	15.55	15.53		
10	QPSK	1	49	15.55	15.64	15.42		
10	QPSK	25	0	15.49	15.73	15.38		
10	QPSK	25	12	15.71	15.53	15.59	17	0
10	QPSK	25	25	15.57	15.48	15.60		
10	QPSK	50	0	15.35	15.53	15.35		
10	16QAM	1	0	15.56	15.59	15.59		
10	16QAM	1	25	15.64	15.61	15.43	17	0
10	16QAM	1	49	15.48	15.67	15.65		
10	16QAM	25	0	15.51	15.58	15.56		
10	16QAM	25	12	15.75	15.54	15.52	17	0
10	16QAM	25	25	15.60	15.67	15.51		
10	16QAM	50	0	15.64	15.66	15.58		
10	64QAM	1	0	15.52	15.49	15.59		
10	64QAM	1	25	15.46	15.54	15.48	17	0
10	64QAM	1	49	15.48	15.76	15.41		
10	64QAM	25	0	15.46	15.57	15.64		
10	64QAM	25	12	15.67	15.57	15.48	17	0
10	64QAM	25	25	15.42	15.63	15.43		
10	64QAM	50	0	15.49	15.65	15.72		
10	256QAM	1	0	15.50	15.61	15.63		
10	256QAM	1	25	15.60	15.69	15.56	17	0
10	256QAM	1	49	15.49	15.61	15.59		
10	256QAM	25	0	15.56	15.60	15.43		
10	256QAM	25	12	15.51	15.73	15.58	17	0
10	256QAM	25	25	15.39	15.62	15.48		
10	256QAM	50	0	15.38	15.59	15.71		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.58	15.74	15.62	17	0
5	QPSK	1	12	15.50	15.58	15.42		
5	QPSK	1	24	15.54	15.67	15.53		
5	QPSK	12	0	15.53	15.62	15.39		
5	QPSK	12	7	15.64	15.47	15.54	17	0
5	QPSK	12	13	15.59	15.49	15.55		
5	QPSK	25	0	15.45	15.62	15.37		
5	16QAM	1	0	15.50	15.54	15.56		
5	16QAM	1	12	15.59	15.67	15.31	17	0
5	16QAM	1	24	15.34	15.58	15.63		
5	16QAM	12	0	15.50	15.47	15.62		
5	16QAM	12	7	15.70	15.55	15.54	17	0
5	16QAM	12	13	15.43	15.56	15.58		
5	16QAM	25	0	15.59	15.65	15.48		
5	64QAM	1	0	15.58	15.56	15.59		
5	64QAM	1	12	15.46	15.54	15.58	17	0
5	64QAM	1	24	15.42	15.78	15.56		
5	64QAM	12	0	15.45	15.57	15.64		
5	64QAM	12	7	15.56	15.48	15.55	17	0
5	64QAM	12	13	15.53	15.66	15.39		
5	64QAM	25	0	15.44	15.77	15.68		
5	256QAM	1	0	15.49	15.64	15.46		
5	256QAM	1	12	15.45	15.77	15.61	17	0
5	256QAM	1	24	15.44	15.68	15.61		
5	256QAM	12	0	15.62	15.62	15.48		
5	256QAM	12	7	15.50	15.63	15.56	17	0
5	256QAM	12	13	15.43	15.60	15.59		
5	256QAM	25	0	15.50	15.54	15.78		
Channel				19950	20175	20365	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.60	15.73	15.58	17	0
3	QPSK	1	8	15.53	15.57	15.45		
3	QPSK	1	14	15.49	15.65	15.39		
3	QPSK	8	0	15.39	15.64	15.37		
3	QPSK	8	4	15.74	15.46	15.56	17	0
3	QPSK	8	7	15.57	15.57	15.64		
3	QPSK	15	0	15.39	15.65	15.43		
3	16QAM	1	0	15.59	15.55	15.47		
3	16QAM	1	8	15.52	15.67	15.42	17	0
3	16QAM	1	14	15.36	15.56	15.52		
3	16QAM	8	0	15.52	15.49	15.54		
3	16QAM	8	4	15.61	15.52	15.59	17	0
3	16QAM	8	7	15.54	15.70	15.55		
3	16QAM	15	0	15.58	15.66	15.56		
3	64QAM	1	0	15.53	15.55	15.57		
3	64QAM	1	8	15.46	15.54	15.52	17	0
3	64QAM	1	14	15.53	15.85	15.51		
3	64QAM	8	0	15.44	15.60	15.68		
3	64QAM	8	4	15.61	15.54	15.61	17	0
3	64QAM	8	7	15.54	15.72	15.41		
3	64QAM	15	0	15.50	15.67	15.76		
3	256QAM	1	0	15.53	15.73	15.49		
3	256QAM	1	8	15.43	15.62	15.64	17	0
3	256QAM	1	14	15.53	15.73	15.70		
3	256QAM	8	0	15.65	15.69	15.53		
3	256QAM	8	4	15.54	15.71	15.55	17	0
3	256QAM	8	7	15.47	15.59	15.44		
3	256QAM	15	0	15.40	15.55	15.72		
Channel				19967	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.59	15.73	15.66	17	0
1.4	QPSK	1	3	15.50	15.63	15.54		
1.4	QPSK	1	5	15.52	15.73	15.50		
1.4	QPSK	3	0	15.38	15.69	15.37		
1.4	QPSK	3	1	15.69	15.58	15.53		
1.4	QPSK	3	3	15.57	15.47	15.63		
1.4	QPSK	6	0	15.42	15.64	15.41	17	0
1.4	16QAM	1	0	15.52	15.66	15.52	17	0
1.4	16QAM	1	3	15.53	15.71	15.39		
1.4	16QAM	1	5	15.38	15.64	15.66		
1.4	16QAM	3	0	15.53	15.50	15.62		
1.4	16QAM	3	1	15.64	15.55	15.61		
1.4	16QAM	3	3	15.45	15.66	15.47		
1.4	16QAM	6	0	15.54	15.57	15.63	17	0
1.4	64QAM	1	0	15.43	15.51	15.43	17	0
1.4	64QAM	1	3	15.58	15.50	15.55		
1.4	64QAM	1	5	15.46	15.79	15.53		
1.4	64QAM	3	0	15.45	15.55	15.56		
1.4	64QAM	3	1	15.59	15.48	15.58		
1.4	64QAM	3	3	15.47	15.72	15.34		
1.4	64QAM	6	0	15.54	15.67	15.75	17	0
1.4	256QAM	1	0	15.55	15.57	15.54	17	0
1.4	256QAM	1	3	15.49	15.69	15.47		
1.4	256QAM	1	5	15.40	15.59	15.73		
1.4	256QAM	3	0	15.57	15.61	15.45		
1.4	256QAM	3	1	15.57	15.57	15.60		
1.4	256QAM	3	3	15.42	15.51	15.62		
1.4	256QAM	6	0	15.34	15.61	15.77	17	0

Band 7 Ant 1 Other PA

BW [MHz]	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		
35.69								
20	QPSK	1	0	17.57	17.58	17.39	19.2	0
20	QPSK	1	49	17.47	17.40	17.27		
20	QPSK	1	99	17.42	17.54	17.27		
36.58								
20	QPSK	50	0	17.49	17.54	17.22		
20	QPSK	50	24	17.43	17.50	17.30	19.2	0
20	QPSK	50	50	17.46	17.45	17.30		
20	QPSK	100	0	17.43	17.54	17.32		
20	16QAM	1	0	17.47	17.47	17.20		
20	16QAM	1	49	17.55	17.47	17.22	19.2	0
20	16QAM	1	99	17.54	17.41	17.28		
20	16QAM	50	0	17.40	17.49	17.30		
20	16QAM	50	24	17.48	17.53	17.29	19.2	0
20	16QAM	50	50	17.50	17.46	17.24		
20	16QAM	100	0	17.53	17.50	17.31		
20	64QAM	1	0	17.52	17.56	17.34		
20	64QAM	1	49	17.41	17.47	17.26	19.2	0
20	64QAM	1	99	17.39	17.43	17.34		
20	64QAM	50	0	17.54	17.51	17.31		
20	64QAM	50	24	17.40	17.52	17.35	19.2	0
20	64QAM	50	50	17.48	17.46	17.31		
20	64QAM	100	0	17.39	17.56	17.23		
20	256QAM	1	0	17.51	17.48	17.45		
20	256QAM	1	49	17.33	17.38	17.39	19	0.2
20	256QAM	1	99	17.23	17.31	17.43		
20	256QAM	50	0	17.15	17.30	17.51		
20	256QAM	50	24	17.44	17.42	17.24	19	0.2
20	256QAM	50	50	17.32	17.17	17.19		
20	256QAM	100	0	17.30	17.42	17.34		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.43	17.41	17.20	19.2	0
15	QPSK	1	37	17.43	17.25	17.25		
15	QPSK	1	74	17.27	17.37	17.24		
15	QPSK	36	0	17.41	17.53	17.45		
15	QPSK	36	20	17.28	17.38	17.50	19.2	0
15	QPSK	36	39	17.28	17.35	17.45		
15	QPSK	75	0	17.30	17.35	17.29		
15	16QAM	1	0	17.45	17.35	17.39		
15	16QAM	1	37	17.50	17.29	17.42	19.2	0
15	16QAM	1	74	17.45	17.34	17.37		
15	16QAM	36	0	17.29	17.34	17.38		
15	16QAM	36	20	17.35	17.46	17.51	19.2	0
15	16QAM	36	39	17.44	17.43	17.53		
15	16QAM	75	0	17.39	17.37	17.52		
15	64QAM	1	0	17.42	17.48	17.41		
15	64QAM	1	37	17.37	17.31	17.24	19.2	0
15	64QAM	1	74	17.38	17.38	17.53		
15	64QAM	36	0	17.61	17.35	17.52		
15	64QAM	36	20	17.29	17.35	17.41	19.2	0
15	64QAM	36	39	17.47	17.45	17.28		
15	64QAM	75	0	17.24	17.47	17.22		
15	256QAM	1	0	17.32	17.30	17.32		
15	256QAM	1	37	17.24	17.24	17.32	19	0.2
15	256QAM	1	74	17.20	17.21	17.24		
15	256QAM	36	0	17.10	17.15	17.43		
15	256QAM	36	20	17.30	17.41	17.12	19	0.2
15	256QAM	36	39	17.25	17.08	17.06		
15	256QAM	75	0	17.13	17.32	17.22		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.40	17.50	17.21	19.2	0
10	QPSK	1	25	17.39	17.31	17.45		
10	QPSK	1	49	17.26	17.44	17.50		
10	QPSK	25	0	17.35	17.45	17.45		
10	QPSK	25	12	17.34	17.48	17.29	19.2	0
10	QPSK	25	25	17.36	17.37	17.20		
10	QPSK	50	0	17.25	17.47	17.23		
10	16QAM	1	0	17.39	17.34	17.34		
10	16QAM	1	25	17.42	17.44	17.26	19.2	0
10	16QAM	1	49	17.47	17.24	17.34		
10	16QAM	25	0	17.23	17.33	17.31		
10	16QAM	25	12	17.43	17.39	17.35	19.2	0
10	16QAM	25	25	17.33	17.43	17.47		
10	16QAM	50	0	17.50	17.47	17.43		
10	64QAM	1	0	17.43	17.50	17.51		
10	64QAM	1	25	17.36	17.29	17.47	19.2	0
10	64QAM	1	49	17.25	17.41	17.43		
10	64QAM	25	0	17.47	17.35	17.51		
10	64QAM	25	12	17.26	17.37	17.52	19.2	0
10	64QAM	25	25	17.45	17.38	17.48		
10	64QAM	50	0	17.35	17.52	17.37		
10	256QAM	1	0	17.49	17.39	17.47		
10	256QAM	1	25	17.16	17.23	17.36	19	0.2
10	256QAM	1	49	17.20	17.24	17.30		
10	256QAM	25	0	17.01	17.22	17.41		
10	256QAM	25	12	17.13	17.39	17.15	19	0.2
10	256QAM	25	25	17.23	17.12	17.09		
10	256QAM	50	0	17.13	17.35	17.21		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.52	17.44	17.27	19.2	0
5	QPSK	1	12	17.29	17.26	17.44		
5	QPSK	1	24	17.35	17.38	17.24		
5	QPSK	12	0	17.34	17.51	17.33	19.2	0
5	QPSK	12	7	17.28	17.47	17.39		
5	QPSK	12	13	17.44	17.34	17.35		
5	QPSK	25	0	17.33	17.49	17.34		
5	16QAM	1	0	17.39	17.43	17.28	19.2	0
5	16QAM	1	12	17.40	17.42	17.44		
5	16QAM	1	24	17.40	17.39	17.34		
5	16QAM	12	0	17.28	17.35	17.30	19.2	0
5	16QAM	12	7	17.39	17.39	17.35		
5	16QAM	12	13	17.43	17.33	17.20		
5	16QAM	25	0	17.43	17.48	17.30		
5	64QAM	1	0	17.51	17.39	17.44	19.2	0
5	64QAM	1	12	17.34	17.31	17.24		
5	64QAM	1	24	17.39	17.42	17.44		
5	64QAM	12	0	17.48	17.49	17.44	19.2	0
5	64QAM	12	7	17.34	17.50	17.24		
5	64QAM	12	13	17.30	17.40	17.33		
5	64QAM	25	0	17.35	17.47	17.39		
5	256QAM	1	0	17.36	17.40	17.34	19	0.2
5	256QAM	1	12	17.17	17.33	17.28		
5	256QAM	1	24	17.21	17.13	17.36		
5	256QAM	12	0	17.13	17.50	17.34	19	0.2
5	256QAM	12	7	17.27	17.31	17.16		
5	256QAM	12	13	17.20	17.44	17.14		
5	256QAM	25	0	17.25	17.36	17.31		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.74	15.92	15.84	17	0
20	QPSK	1	49	15.76	15.80	15.69		
20	QPSK	1	99	15.67	15.80	15.66		
20	QPSK	50	0	15.68	15.82	15.69		
20	QPSK	50	24	15.77	15.81	15.68	17	0
20	QPSK	50	50	15.77	15.73	15.68		
20	QPSK	100	0	15.65	15.80	15.67		
20	16QAM	1	0	15.82	15.76	15.76		
20	16QAM	1	49	15.71	15.80	15.65	17	0
20	16QAM	1	99	15.71	15.84	15.82		
20	16QAM	50	0	15.79	15.74	15.72		
20	16QAM	50	24	15.79	15.81	15.74	17	0
20	16QAM	50	50	15.73	15.77	15.72		
20	16QAM	100	0	15.72	15.81	15.81		
20	64QAM	1	0	15.79	15.74	15.73		
20	64QAM	1	49	15.79	15.78	15.75	17	0
20	64QAM	1	99	15.73	15.88	15.74		
20	64QAM	50	0	15.68	15.76	15.76		
20	64QAM	50	24	15.79	15.79	15.75	17	0
20	64QAM	50	50	15.72	15.82	15.66		
20	64QAM	100	0	15.68	15.89	15.82		
20	256QAM	1	0	15.68	15.86	15.82		
20	256QAM	1	49	15.80	15.91	15.72	17	0
20	256QAM	1	99	15.68	15.89	15.81		
20	256QAM	50	0	15.77	15.88	15.73		
20	256QAM	50	24	15.81	15.80	15.70	17	0
20	256QAM	50	50	15.76	15.75	15.67		
20	256QAM	100	0	15.69	15.84	15.83		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.70	15.78	15.71	17	0
15	QPSK	1	37	15.72	15.63	15.60		
15	QPSK	1	74	15.63	15.64	15.53		
15	QPSK	36	0	15.66	15.79	15.64		
15	QPSK	36	20	15.75	15.75	15.55	17	0
15	QPSK	36	39	15.64	15.66	15.52		
15	QPSK	75	0	15.58	15.62	15.66		
15	16QAM	1	0	15.80	15.60	15.64		
15	16QAM	1	37	15.66	15.69	15.49	17	0
15	16QAM	1	74	15.67	15.66	15.79		
15	16QAM	36	0	15.63	15.61	15.57		
15	16QAM	36	20	15.75	15.76	15.65	17	0
15	16QAM	36	39	15.68	15.66	15.55		
15	16QAM	75	0	15.71	15.70	15.72		
15	64QAM	1	0	15.61	15.61	15.60		
15	64QAM	1	37	15.66	15.60	15.57	17	0
15	64QAM	1	74	15.64	15.77	15.65		
15	64QAM	36	0	15.64	15.73	15.68		
15	64QAM	36	20	15.62	15.61	15.64	17	0
15	64QAM	36	39	15.59	15.75	15.59		
15	64QAM	75	0	15.56	15.87	15.76		
15	256QAM	1	0	15.63	15.84	15.80		
15	256QAM	1	37	15.72	15.78	15.64	17	0
15	256QAM	1	74	15.66	15.82	15.75		
15	256QAM	36	0	15.63	15.73	15.67		
15	256QAM	36	20	15.75	15.73	15.59	17	0
15	256QAM	36	39	15.68	15.67	15.58		
15	256QAM	75	0	15.62	15.69	15.79		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.68	15.85	15.81	17	0
10	QPSK	1	25	15.65	15.75	15.64		
10	QPSK	1	49	15.65	15.68	15.62		
10	QPSK	25	0	15.63	15.72	15.62		
10	QPSK	25	12	15.69	15.80	15.61	17	0
10	QPSK	25	25	15.69	15.70	15.62		
10	QPSK	50	0	15.48	15.73	15.60		
10	16QAM	1	0	15.67	15.72	15.61		
10	16QAM	1	25	15.69	15.76	15.61	17	0
10	16QAM	1	49	15.66	15.82	15.69		
10	16QAM	25	0	15.76	15.63	15.58		
10	16QAM	25	12	15.61	15.76	15.67	17	0
10	16QAM	25	25	15.65	15.69	15.60		
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BW [MHz]	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	17.67	17.72	17.65		
20	QPSK	1	49	17.51	17.54	17.58	19	0
20	QPSK	1	99	17.60	17.60	17.52		
20	QPSK	50	0	17.51	17.67	17.58		
20	QPSK	50	24	17.55	17.61	17.59	19	0
20	QPSK	50	50	17.63	17.65	17.58		
20	QPSK	100	0	17.49	17.55	17.49		
20	16QAM	1	0	17.55	17.67	17.49		
20	16QAM	1	49	17.51	17.69	17.56	19	0
20	16QAM	1	99	17.59	17.55	17.59		
20	16QAM	50	0	17.62	17.55	17.62		
20	16QAM	50	24	17.54	17.65	17.61	19	0
20	16QAM	50	50	17.52	17.64	17.53		
20	16QAM	100	0	17.58	17.56	17.49		
20	64QAM	1	0	17.63	17.55	17.56		
20	64QAM	1	49	17.49	17.61	17.58	19	0
20	64QAM	1	99	17.64	17.54	17.52		
20	64QAM	50	0	17.62	17.63	17.49		
20	64QAM	50	24	17.60	17.57	17.61	19	0
20	64QAM	50	50	17.61	17.68	17.49		
20	64QAM	100	0	17.60	17.64	17.56		
20	256QAM	1	0	17.43	17.35	17.38		
20	256QAM	1	49	17.45	17.27	17.49	19	0
20	256QAM	1	99	17.42	17.69	17.43		
20	256QAM	50	0	17.43	17.57	17.40		
20	256QAM	50	24	17.43	17.43	17.41	19	0
20	256QAM	50	50	17.32	17.47	17.41		
20	256QAM	100	0	17.57	17.42	17.48		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.59	17.54	17.58		
15	QPSK	1	37	17.38	17.43	17.43	19	0
15	QPSK	1	74	17.49	17.56	17.51		
15	QPSK	36	0	17.41	17.54	17.54		
15	QPSK	36	20	17.38	17.49	17.50	19	0
15	QPSK	36	39	17.46	17.63	17.56		
15	QPSK	75	0	17.34	17.50	17.46		
15	16QAM	1	0	17.51	17.55	17.47		
15	16QAM	1	37	17.37	17.61	17.50	19	0
15	16QAM	1	74	17.44	17.51	17.46		
15	16QAM	36	0	17.56	17.49	17.43		
15	16QAM	36	20	17.51	17.46	17.58	19	0
15	16QAM	36	39	17.46	17.57	17.48		
15	16QAM	75	0	17.52	17.42	17.37		
15	64QAM	1	0	17.49	17.43	17.39		
15	64QAM	1	37	17.45	17.55	17.54	19	0
15	64QAM	1	74	17.46	17.40	17.38		
15	64QAM	36	0	17.43	17.52	17.40		
15	64QAM	36	20	17.46	17.38	17.55	19	0
15	64QAM	36	39	17.56	17.63	17.41		
15	64QAM	75	0	17.47	17.48	17.43		
15	256QAM	1	0	17.25	17.30	17.19		
15	256QAM	1	37	17.37	17.25	17.31	19	0
15	256QAM	1	74	17.34	17.64	17.25		
15	256QAM	36	0	17.26	17.54	17.38		
15	256QAM	36	20	17.27	17.31	17.35	19	0
15	256QAM	36	39	17.14	17.43	17.36		
15	256QAM	75	0	17.39	17.27	17.32		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.54	17.70	17.63		
10	QPSK	1	25	17.49	17.36	17.54	19	0
10	QPSK	1	49	17.50	17.46	17.45		
10	QPSK	25	0	17.33	17.51	17.46		
10	QPSK	25	12	17.53	17.58	17.54	19	0
10	QPSK	25	25	17.59	17.56	17.43		
10	QPSK	50	0	17.42	17.42	17.40		
10	16QAM	1	0	17.40	17.58	17.33		
10	16QAM	1	25	17.35	17.56	17.53	19	0
10	16QAM	1	49	17.49	17.41	17.52		
10	16QAM	25	0	17.49	17.48	17.53		
10	16QAM	25	12	17.38	17.51	17.55	19	0
10	16QAM	25	25	17.46	17.48	17.49		
10	16QAM	50	0	17.48	17.38	17.35		
10	64QAM	1	0	17.60	17.41	17.50		
10	64QAM	1	25	17.41	17.56	17.46	19	0
10	64QAM	1	49	17.62	17.40	17.45		
10	64QAM	25	0	17.53	17.49	17.33		
10	64QAM	25	12	17.45	17.52	17.48	19	0
10	64QAM	25	25	17.56	17.59	17.39		
10	64QAM	50	0	17.55	17.49	17.45		
10	256QAM	1	0	17.37	17.24	17.34		
10	256QAM	1	25	17.34	17.18	17.39	19	0
10	256QAM	1	49	17.31	17.63	17.36		
10	256QAM	25	0	17.25	17.38	17.33		
10	256QAM	25	12	17.27	17.34	17.31	19	0
10	256QAM	25	25	17.20	17.44	17.38		
10	256QAM	50	0	17.52	17.31	17.34		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.54	17.69	17.51		
5	QPSK	1	12	17.36	17.45	17.45	19	0
5	QPSK	1	24	17.48	17.50	17.37		
5	QPSK	12	0	17.43	17.54	17.53		
5	QPSK	12	7	17.52	17.47	17.47	19	0
5	QPSK	12	13	17.60	17.62	17.45		
5	QPSK	25	0	17.38	17.46	17.42		
5	16QAM	1	0	17.47	17.58	17.36		
5	16QAM	1	12	17.34	17.63	17.40	19	0
5	16QAM	1	24	17.49	17.54	17.50		
5	16QAM	12	0	17.59	17.43	17.52		
5	16QAM	12	7	17.48	17.53	17.60	19	0
5	16QAM	12	13	17.46	17.46	17.35		
5	16QAM	25	0	17.56	17.53	17.45		
5	64QAM	1	0	17.46	17.49	17.53		
5	64QAM	1	12	17.45	17.49	17.42	19	0
5	64QAM	1	24	17.57	17.48	17.50		
5	64QAM	12	0	17.55	17.54	17.40		
5	64QAM	12	7	17.43	17.50	17.51	19	0
5	64QAM	12	13	17.47	17.59	17.32		
5	64QAM	25	0	17.56	17.61	17.40		
5	256QAM	1	0	17.33	17.31	17.26		
5	256QAM	1	12	17.37	17.25	17.39	19	0
5	256QAM	1	24	17.37	17.55	17.32		
5	256QAM	12	0	17.40	17.41	17.33		
5	256QAM	12	7	17.30	17.27	17.23	19	0
5	256QAM	12	13	17.28	17.29	17.24		
5	256QAM	25	0	17.53	17.28	17.44		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.41	18.38	18.46	18.36	18.41		
20	QPSK	1	49	18.32	18.37	18.25	18.30	18.36	19.6	0
20	QPSK	1	99	18.30	18.35	18.39	18.25	18.34		
20	QPSK	50	0	18.32	18.26	18.40	18.32	18.39		
20	QPSK	50	24	18.34	18.19	18.28	18.22	18.29	19.6	0
20	QPSK	50	50	18.32	18.24	18.30	18.23	18.29		
20	QPSK	100	0	18.30	18.33	18.37	18.28	18.30		
20	16QAM	1	0	18.25	18.29	18.35	18.32	18.40		
20	16QAM	1	49	18.33	18.22	18.35	18.21	18.31	19.6	0
20	16QAM	1	99	18.31	18.22	18.24	18.19	18.43		
20	16QAM	50	0	18.39	18.21	18.38	18.31	18.32		
20	16QAM	50	24	18.24	18.34	18.27	18.21	18.29	19.6	0
20	16QAM	50	50	18.35	18.32	18.29	18.33	18.43		
20	16QAM	100	0	18.30	18.22	18.29	18.28	18.33		
20	64QAM	1	0	18.31	18.21	18.28	18.19	18.39		
20	64QAM	1	49	18.36	18.21	18.30	18.33	18.34	19.6	0
20	64QAM	1	99	18.32	18.36	18.33	18.25	18.27		
20	64QAM	50	0	18.26	18.20	18.32	18.27	18.41		
20	64QAM	50	24	18.37	18.34	18.39	18.19	18.33	19.6	0
20	64QAM	50	50	18.26	18.27	18.23	18.21	18.44		
20	64QAM	100	0	18.24	18.25	18.34	18.19	18.39		
20	256QAM	1	0	17.33	17.52	17.62	17.47	17.58		
20	256QAM	1	49	17.57	17.50	17.48	17.57	17.64	19	0.6
20	256QAM	1	99	17.45	17.51	17.66	17.53	17.69		
20	256QAM	50	0	17.49	17.59	17.59	17.51	17.52		
20	256QAM	50	24	17.40	17.62	17.51	17.28	17.57	19	0.6
20	256QAM	50	50	17.38	17.66	17.62	17.66	17.48		
20	256QAM	100	0	17.51	17.25	17.38	17.10	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	18.32	18.34	18.44	18.32	18.33		
15	QPSK	1	37	18.23	18.26	18.07	18.27	18.29	19.60	0
15	QPSK	1	74	18.27	18.22	18.26	18.21	18.24		
15	QPSK	36	0	18.19	18.20	18.25	18.29	18.22		
15	QPSK	36	20	18.20	18.10	18.19	18.07	18.21	19.6	0
15	QPSK	36	39	18.22	18.06	18.19	18.19	18.17		
15	QPSK	75	0	18.14	18.31	18.31	18.16	18.24		
15	16QAM	1	0	18.09	18.22	18.25	18.16	18.25		
15	16QAM	1	37	18.19	18.12	18.31	18.09	18.15	19.6	0
15	16QAM	1	74	18.27	18.18	18.18	18.07	18.41		
15	16QAM	36	0	18.22	18.03	18.26	18.21	18.20		
15	16QAM	36	20	18.19	18.18	18.14	18.20	18.11	19.6	0
15	16QAM	36	39	18.25	18.29	18.20	18.23	18.31		
15	16QAM	75	0	18.17	18.13	18.18	18.20	18.22		
15	64QAM	1	0	18.22	18.20	18.26	18.18	18.33		
15	64QAM	1	37	18.20	18.19	18.13	18.31	18.26	19.6	0
15	64QAM	1	74	18.30	18.20	18.27	18.19	18.13		
15	64QAM	36	0	18.13	18.14	18.24	18.19	18.23		
15	64QAM	36	20	18.35	18.20	18.29	18.01	18.15	19.6	0
15	64QAM	36	39	18.15	18.19	18.10	18.15	18.34		
15	64QAM	75	0	18.17	18.21	18.26	18.13	18.31		
15	256QAM	1	0	17.27	17.47	17.44	17.36	17.53		
15	256QAM	1	37	17.53	17.42	17.43	17.44	17.50	19	0.6
15	256QAM	1	74	17.32	17.42	17.63	17.38	17.56		
15	256QAM	36	0	17.34	17.58	17.48	17.40	17.52		
15	256QAM	36	20	17.25	17.52	17.40	17.11	17.47	19	0.6
15	256QAM	36	39	17.35	17.61	17.55	17.55	17.30		
15	256QAM	75	0	17.42	17.21	17.35	17.07	17.45		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.32	18.30	18.37	18.23	18.26		
10	QPSK	1	25	18.18	18.34	18.10	18.21	18.33	19.60	0
10	QPSK	1	49	18.16	18.22	18.34	18.06	18.26		
10	QPSK	25	0	18.13	18.09	18.24	18.15	18.34		
10	QPSK	25	12	18.17	18.05	18.15	18.05	18.14	19.6	0
10	QPSK	25	25	18.30	18.10	18.25	18.16	18.17		
10	QPSK	50	0	18.28	18.29	18.31	18.16	18.22		
10	16QAM	1	0	18.21	18.25	18.22	18.17	18.37		
10	16QAM	1	25	18.17	18.07	18.26	18.06	18.29	19.6	0
10	16QAM	1	49	18.15	18.19	18.07	18.08	18.31		
10	16QAM	25	0	18.25	18.04	18.19	18.23	18.27		
10	16QAM	25	12	18.11	18.20	18.09	18.15	18.19	19.6	0
10	16QAM	25	25	18.24	18.21	18.23	18.31	18.33		
10	16QAM	50	0	18.15	18.06	18.15	18.18	18.24		
10	64QAM	1	0	18.21	18.15	18.15	18.11	18.35		
10	64QAM	1	25	18.22	18.16	18.21	18.23	18.26	19.6	0
10	64QAM	1	49	18.29	18.21	18.19	18.08	18.23		
10	64QAM	25	0	18.10	18.09	18.25	18.15	18.29		
10	64QAM	25	12	18.32	18.30	18.26	18.17	18.19	19.6	0
10	64QAM	25	25	18.14	18.18	18.12	18.05	18.38		
10	64QAM	50	0	18.14	18.14	18.32	18.02	18.34		
10	256QAM	1	0	17.19	17.51	17.47	17.36	17.47		
10	256QAM	1	25	17.53	17.49	17.42	17.43	17.57	19	0.6
10	256QAM	1	49	17.40	17.46	17.59	17.52	17.50		
10	256QAM	25	0	17.42	17.54	17.56	17.32	17.45		
10	256QAM	25	12	17.33	17.46	17.44	17.26	17.40	19	0.6
10	256QAM	25	25	17.19	17.54	17.60	17.61	17.32		
10	256QAM	50	0	17.40	17.18	17.33	17.05	17.42		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.28	18.25	18.43	18.28	18.36		
5	QPSK	1	12	18.29	18.23	18.15	18.12	18.29	19.60	0
5	QPSK	1	24	18.27	18.24	18.23	18.21	18.23		
5	QPSK	12	0	18.14	18.09	18.22	18.22	18.26		
5	QPSK	12	7	18.22	18.05	18.26	18.20	18.13	19.6	0
5	QPSK	12	13	18.19	18.14	18.15	18.16	18.15		
5	QPSK	25	0	18.15	18.23	18.31	18.14	18.12		
5	16QAM	1	0	18.07	18.24	18.20	18.24	18.21		
5	16QAM	1	12	18.15	18.17	18.29	18.05	18.19	19.6	0
5	16QAM	1	24	18.14	18.19	18.10	18.06	18.32		
5	16QAM	12	0	18.33	18.14	18.28	18.18	18.24		
5	16QAM	12	7	18.19	18.15	18.11	18.17	18.20	19.6	0
5	16QAM	12	13	18.16	18.28	18.17	18.21	18.29		
5	16QAM	25	0	18.22	18.11	18.25	18.10	18.26		
5	64QAM	1	0	18.28	18.07	18.26	18.00	18.38		
5	64QAM	1	12	18.22	18.12	18.26	18.23	18.20	19.6	0
5	64QAM	1	24	18.26	18.19	18.14	18.14	18.18		
5	64QAM	12	0	18.18	18.16	18.27	18.10	18.34		
5	64QAM	12	7	18.26	18.23	18.35	18.17	18.14	19.6	0
5	64QAM	12	13	18.12	18.11	18.14	18.07	18.26		
5	64QAM	25	0	18.14	18.13	18.19	18.05	18.21		
5	256QAM	1	0	17.14	17.33	17.56	17.34	17.46		
5	256QAM	1	12	17.53	17.48	17.37	17.42	17.56	19	0.6
5	256QAM	1	24	17.30	17.32	17.63	17.39	17.56		
5	256QAM	12	0	17.40	17.53	17.51	17.31	17.48		
5	256QAM	12	7	17.24	17.59	17.37	17.14	17.49	19	0.6
5	256QAM	12	13	17.35	17.48	17.52	17.47	17.48		
5	256QAM	25	0	17.48	17.14	17.37	17.04	17.41		

Reduced Power Mode for Other PA ECI6

Band 4 Ant 0 Other PA

BW [MHz]	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	20.20	20.38	20.25		
20	QPSK	1	49	20.08	20.23	20.19	21.6	0
20	QPSK	1	99	20.12	20.26	20.10		
20	QPSK	50	0	20.20	20.29	20.16		
20	QPSK	50	24	20.17	20.14	20.18	21.6	0
20	QPSK	50	50	20.22	20.22	20.18		
20	QPSK	100	0	20.11	20.26	20.18		
20	16QAM	1	0	20.24	20.26	20.27		
20	16QAM	1	49	20.13	20.28	20.27	21.6	0
20	16QAM	1	99	20.02	20.22	20.25		
20	16QAM	50	0	20.10	20.20	20.17		
20	16QAM	50	24	20.10	20.24	20.14	21.6	0
20	16QAM	50	50	20.02	20.27	20.29		
20	16QAM	100	0	20.17	20.25	20.04		
20	64QAM	1	0	20.04	20.16	20.21		
20	64QAM	1	49	20.00	20.20	20.15	21.6	0
20	64QAM	1	99	20.08	20.01	20.20		
20	64QAM	50	0	19.65	19.63	19.80		
20	64QAM	50	24	19.77	19.63	19.77	21	0.6
20	64QAM	50	50	19.67	19.97	19.60		
20	64QAM	100	0	19.75	19.81	19.53		
20	256QAM	1	0	17.69	17.74	17.66		
20	256QAM	1	49	17.81	17.76	17.79	19	2.6
20	256QAM	1	99	17.71	17.74	17.54		
20	256QAM	50	0	17.81	17.91	17.80		
20	256QAM	50	24	17.59	17.75	17.64	19	2.6
20	256QAM	50	50	17.88	17.84	17.83		
20	256QAM	100	0	17.74	17.83	17.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.10	20.35	20.13	21.6	0
15	QPSK	1	37	19.97	20.18	20.08		
15	QPSK	1	74	19.98	20.15	19.96		
15	QPSK	36	0	20.14	20.10	20.04		
15	QPSK	36	20	20.15	19.99	20.14	21.6	0
15	QPSK	36	39	20.11	20.18	20.16		
15	QPSK	75	0	19.94	20.14	20.01		
15	16QAM	1	0	20.08	20.23	20.22		
15	16QAM	1	37	19.98	20.09	20.22	21.6	0
15	16QAM	1	74	19.91	20.20	20.16		
15	16QAM	36	0	19.99	20.15	20.07		
15	16QAM	36	20	20.06	20.18	20.00	21.6	0
15	16QAM	36	39	19.89	20.19	20.25		
15	16QAM	75	0	20.04	20.11	19.88		
15	64QAM	1	0	19.95	20.05	20.03		
15	64QAM	1	37	19.90	20.04	20.03	21.6	0
15	64QAM	1	74	20.07	19.82	20.04		
15	64QAM	36	0	19.46	19.44	19.78		
15	64QAM	36	20	19.59	19.43	19.61	21	0.6
15	64QAM	36	39	19.46	19.76	19.45		
15	64QAM	75	0	19.76	19.76	19.41		
15	256QAM	1	0	17.70	17.61	17.60		
15	256QAM	1	37	17.82	17.55	17.80	19	2.6
15	256QAM	1	74	17.59	17.62	17.51		
15	256QAM	36	0	17.61	17.90	17.75		
15	256QAM	36	20	17.51	17.76	17.66	19	2.6
15	256QAM	36	39	17.79	17.77	17.76		
15	256QAM	75	0	17.73	17.75	17.50		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.04	20.27	20.12		
10	QPSK	1	25	20.04	20.17	20.07	21.6	0
10	QPSK	1	49	20.00	20.08	19.98		
10	QPSK	25	0	20.03	20.14	20.02		
10	QPSK	25	12	20.06	19.98	20.03	21.6	0
10	QPSK	25	25	20.12	20.06	19.99		
10	QPSK	50	0	19.93	20.09	20.06		
10	16QAM	1	0	20.20	20.25	20.08		
10	16QAM	1	25	19.99	20.22	20.16	21.6	0
10	16QAM	1	49	20.00	20.18	20.20		
10	16QAM	25	0	20.02	20.18	19.98		
10	16QAM	25	12	20.07	20.06	20.11	21.6	0
10	16QAM	25	25	19.85	20.09	20.25		
10	16QAM	50	0	20.03	20.23	19.95		
10	64QAM	1	0	19.91	20.02	20.08		
10	64QAM	1	25	19.84	20.18	20.07	21.6	0
10	64QAM	1	49	20.06	19.85	20.19		
10	64QAM	25	0	19.50	19.54	19.80		
10	64QAM	25	12	19.74	19.43	19.67	21	0.6
10	64QAM	25	25	19.62	19.84	19.53		
10	64QAM	50	0	19.56	19.67	19.50		
10	256QAM	1	0	17.62	17.65	17.51		
10	256QAM	1	25	17.75	17.59	17.77	19	2.6
10	256QAM	1	49	17.58	17.55	17.32		
10	256QAM	25	0	17.71	17.88	17.59		
10	256QAM	25	12	17.54	17.62	17.64	19	2.6
10	256QAM	25	25	17.88	17.79	17.78		
10	256QAM	50	0	17.63	17.62	17.51		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.19	20.26	20.16		
5	QPSK	1	12	20.05	20.12	20.04	21.6	0
5	QPSK	1	24	19.94	20.19	20.07		
5	QPSK	12	0	20.03	20.24	20.14		
5	QPSK	12	7	20.06	19.98	20.08	21.6	0
5	QPSK	12	13	20.19	20.05	20.14		
5	QPSK	25	0	20.04	20.10	20.16		
5	16QAM	1	0	20.07	20.15	20.19		
5	16QAM	1	12	19.97	20.25	20.09	21.6	0
5	16QAM	1	24	19.85	20.19	20.22		
5	16QAM	12	0	20.06	20.14	20.02		
5	16QAM	12	7	19.91	20.10	20.10	21.6	0
5	16QAM	12	13	19.92	20.14	20.22		
5	16QAM	25	0	20.10	20.19	19.86		
5	64QAM	1	0	19.90	19.98	20.02		
5	64QAM	1	12	19.92	20.08	20.09	21.6	0
5	64QAM	1	24	20.05	19.96	20.11		
5	64QAM	12	0	19.56	19.62	19.70		
5	64QAM	12	7	19.71	19.55	19.65	21	0.6
5	64QAM	12	13	19.52	19.92	19.42		
5	64QAM	25	0	19.73	19.70	19.41		
5	256QAM	1	0	17.56	17.68	17.54		
5	256QAM	1	12	17.82	17.77	17.60	19	2.6
5	256QAM	1	24	17.66	17.62	17.38		
5	256QAM	12	0	17.71	17.81	17.72		
5	256QAM	12	7	17.55	17.55	17.65	19	2.6
5	256QAM	12	13	17.81	17.77	17.70		
5	256QAM	25	0	17.58	17.66	17.50		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.14	20.36	20.21		
3	QPSK	1	8	19.95	20.18	20.14	21.6	0
3	QPSK	1	14	20.09	20.18	19.94		
3	QPSK	8	0	20.02	20.15	20.11		
3	QPSK	8	4	20.12	20.00	20.11	21.6	0
3	QPSK	8	7	20.08	20.04	20.05		
3	QPSK	15	0	20.01	20.17	20.13		
3	16QAM	1	0	20.17	20.08	20.12		
3	16QAM	1	8	20.08	20.09	20.18	21.6	0
3	16QAM	1	14	19.83	20.06	20.13		
3	16QAM	8	0	19.99	20.03	20.07		
3	16QAM	8	4	20.06	20.22	20.12	21.6	0
3	16QAM	8	7	19.87	20.22	20.24		
3	16QAM	15	0	20.05	20.08	19.91		
3	64QAM	1	0	20.03	20.10	20.18		
3	64QAM	1	8	19.91	20.05	20.01	21.6	0
3	64QAM	1	14	19.96	20.00	20.17		
3	64QAM	8	0	19.56	19.43	19.68		
3	64QAM	8	4	19.75	19.58	19.66	21	0.6
3	64QAM	8	7	19.61	19.82	19.43		
3	64QAM	15	0	19.53	19.59	19.52		
3	256QAM	1	0	17.64	17.67	17.50		
3	256QAM	1	8	17.79	17.60	17.63	19	2.6
3	256QAM	1	14	17.55	17.64	17.52		
3	256QAM	8	0	17.66	17.86	17.62		
3	256QAM	8	4	17.41	17.64	17.51	19	2.6
3	256QAM	8	7	17.76	17.71	17.63		
3	256QAM	15	0	17.58	17.74	17.54		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.17	20.34	20.23		
1.4	QPSK	1	3	19.89	20.10	20.04		
1.4	QPSK	1	5	19.94	20.07	19.96	21.6	0
1.4	QPSK	3	0	20.03	20.18	20.13		
1.4	QPSK	3	1	20.13	20.00	20.13		
1.4	QPSK	3	3	20.10	20.18	20.16		
1.4	QPSK	6	0	19.98	20.18	20.12	21.6	0
1.4	16QAM	1	0	20.20	20.15	20.17		
1.4	16QAM	1	3	20.03	20.20	20.13		
1.4	16QAM	1	5	19.99	20.19	20.21	21.6	0
1.4	16QAM	3	0	19.92	20.15	20.03		
1.4	16QAM	3	1	20.07	20.07	20.13		
1.4	16QAM	3	3	19.93	20.20	20.25		
1.4	16QAM	6	0	20.06	20.13	19.94	21.6	0
1.4	64QAM	1	0	20.03	20.16	20.02		
1.4	64QAM	1	3	20.05	20.25	20.03		
1.4	64QAM	1	5	20.07	19.98	20.13	21.6	0
1.4	64QAM	3	0	20.06	20.25	19.93		
1.4	64QAM	3	1	20.06	20.21	20.15		
1.4	64QAM	3	3	20.02	20.11	20.10		
1.4	64QAM	6	0	19.65	19.77	19.66	21.1	0.5
1.4	256QAM	1	0	17.51	17.83	17.85		
1.4	256QAM	1	3	17.86	17.67	17.68		
1.4	256QAM	1	5	17.68	17.52	17.37	19.1	2.5
1.4	256QAM	3	0	17.71	17.88	17.63		
1.4	256QAM	3	1	17.49	17.82	17.56		
1.4	256QAM	3	3	17.70	17.63	17.73		
1.4	256QAM	6	0	17.66	17.72	17.64	19.1	2.5

Band 7 Ant 0 Other PA

BW [MHz]	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	22.31	22.36	22.28		
20	QPSK	1	49	22.25	22.35	22.26	23.5	0
20	QPSK	1	99	22.21	22.29	22.21		
20	QPSK	50	0	21.55	21.68	21.58		
20	QPSK	50	24	21.52	21.51	21.67	23	0.5
20	QPSK	50	50	21.54	21.44	21.49		
20	QPSK	100	0	21.65	21.72	21.59		
20	16QAM	1	0	21.28	21.56	21.51		
20	16QAM	1	49	21.14	21.41	21.40	23	0.5
20	16QAM	1	99	21.23	21.49	21.20		
20	16QAM	50	0	20.47	20.58	20.67		
20	16QAM	50	24	20.58	20.53	20.62	22	1.5
20	16QAM	50	50	20.47	20.63	20.36		
20	16QAM	100	0	20.22	20.56	20.54		
20	64QAM	1	0	20.57	20.50	20.47		
20	64QAM	1	49	20.18	20.33	20.42	22	1.5
20	64QAM	1	99	20.35	20.47	20.26		
20	64QAM	50	0	19.42	19.56	19.59		
20	64QAM	50	24	19.42	19.46	19.51	21	2.5
20	64QAM	50	50	19.32	19.46	19.47		
20	64QAM	100	0	19.41	19.58	19.34		
20	256QAM	1	0	17.26	17.75	17.41		
20	256QAM	1	49	17.26	17.27	17.32	19	4.5
20	256QAM	1	99	17.38	17.40	17.37		
20	256QAM	50	0	17.47	17.70	17.40		
20	256QAM	50	24	17.49	17.73	17.25	19	4.5
20	256QAM	50	50	17.42	17.49	17.30		
20	256QAM	100	0	17.29	17.70	17.51		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.03	22.10	22.10		
15	QPSK	1	37	21.92	22.05	21.93	23.5	0
15	QPSK	1	74	21.94	21.97	22.02		
15	QPSK	36	0	21.49	21.47	21.37		
15	QPSK	36	20	21.50	21.53	21.60	23	0.5
15	QPSK	36	39	21.51	21.46	21.40		
15	QPSK	75	0	21.63	21.63	21.46		
15	16QAM	1	0	21.29	21.36	21.34		
15	16QAM	1	37	21.07	21.21	21.32	23	0.5
15	16QAM	1	74	21.13	21.44	21.09		
15	16QAM	36	0	20.47	20.44	20.61		
15	16QAM	36	20	20.53	20.55	20.49	22	1.5
15	16QAM	36	39	20.27	20.45	20.33		
15	16QAM	75	0	20.00	20.50	20.39		
15	64QAM	1	0	20.44	20.28	20.27		
15	64QAM	1	37	20.11	20.15	20.32	22	1.5
15	64QAM	1	74	20.36	20.46	20.19		
15	64QAM	36	0	19.21	19.44	19.54		
15	64QAM	36	20	19.40	19.42	19.48	21	2.5
15	64QAM	36	39	19.20	19.31	19.40		
15	64QAM	75	0	19.22	19.50	19.17		
15	256QAM	1	0	17.25	17.68	17.28		
15	256QAM	1	37	17.37	17.26	17.25	19	4.5
15	256QAM	1	74	17.31	17.37	17.30		
15	256QAM	36	0	17.35	17.63	17.25		
15	256QAM	36	20	17.32	17.68	17.31	19	4.5
15	256QAM	36	39	17.42	17.41	17.23		
15	256QAM	75	0	17.22	17.68	17.31		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.98	22.07	22.03		
10	QPSK	1	25	21.97	22.04	22.01	23.5	0
10	QPSK	1	49	21.91	22.01	22.03		
10	QPSK	25	0	21.57	21.68	21.56		
10	QPSK	25	12	21.47	21.51	21.68	23	0.5
10	QPSK	25	25	21.40	21.25	21.32		
10	QPSK	50	0	21.62	21.53	21.58		
10	16QAM	1	0	21.14	21.34	21.30		
10	16QAM	1	25	21.03	21.43	21.23	23	0.5
10	16QAM	1	49	21.24	21.33	21.10		
10	16QAM	25	0	20.41	20.41	20.66		
10	16QAM	25	12	20.54	20.39	20.58	22	1.5
10	16QAM	25	25	20.25	20.43	20.30		
10	16QAM	50	0	20.17	20.43	20.35		
10	64QAM	1	0	20.48	20.34	20.43		
10	64QAM	1	25	20.14	20.15	20.28	22	1.5
10	64QAM	1	49	20.28	20.41	20.10		
10	64QAM	25	0	19.28	19.56	19.38		
10	64QAM	25	12	19.28	19.31	19.33	21	2.5
10	64QAM	25	25	19.31	19.24	19.29		
10	64QAM	50	0	19.31	19.46	19.15		
10	256QAM	1	0	17.36	17.49	17.35		
10	256QAM	1	25	17.06	17.19	17.20	19	4.5
10	256QAM	1	49	17.31	17.39	17.31		
10	256QAM	25	0	17.33	17.40	17.27		
10	256QAM	25	12	17.29	17.63	17.27	19	4.5
10	256QAM	25	25	17.34	17.49	17.22		
10	256QAM	50	0	17.21	17.61	17.36		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.97	22.12	22.06		
5	QPSK	1	12	21.96	22.05	21.93	23.5	0
5	QPSK	1	24	21.95	22.00	21.99		
5	QPSK	12	0	21.56	21.53	21.42		
5	QPSK	12	7	21.42	21.44	21.66	23	0.5
5	QPSK	12	13	21.38	21.44	21.31		
5	QPSK	25	0	21.62	21.58	21.45		
5	16QAM	1	0	21.29	21.36	21.34		
5	16QAM	1	12	21.33	21.21	21.42	23	0.5
5	16QAM	1	24	21.21	21.32	21.18		
5	16QAM	12	0	20.45	20.41	20.68		
5	16QAM	12	7	20.41	20.38	20.61	22	1.5
5	16QAM	12	13	20.44	20.57	20.35		
5	16QAM	25	0	20.22	20.47	20.32		
5	64QAM	1	0	20.35	20.44	20.28		
5	64QAM	1	12	20.32	20.44	20.26	22	1.5
5	64QAM	1	24	20.18	20.32	20.17		
5	64QAM	12	0	19.26	19.54	19.53		
5	64QAM	12	7	19.23	19.30	19.43	21	2.5
5	64QAM	12	13	19.39	19.38	19.28		
5	64QAM	25	0	19.24	19.55	19.30		
5	256QAM	1	0	17.34	17.59	17.30		
5	256QAM	1	12	17.13	17.17	17.13	19	4.5
5	256QAM	1	24	17.21	17.27	17.20		
5	256QAM	12	0	17.48	17.51	17.22		
5	256QAM	12	7	17.45	17.52	17.13	19	4.5
5	256QAM	12	13	17.40	17.29	17.09		
5	256QAM	25	0	17.16	17.59	17.37		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.32	20.45	20.36		
20	QPSK	1	49	20.18	20.33	20.24	21.6	0
20	QPSK	1	99	20.14	20.31	20.23		
20	QPSK	50	0	20.30	20.43	20.33		
20	QPSK	50	24	20.29	20.30	20.30	21.6	0
20	QPSK	50	50	20.25	20.38	20.31		
20	QPSK	100	0	20.19	20.40	20.21		
20	16QAM	1	0	20.28	20.32	20.33		
20	16QAM	1	49	20.19	20.43	20.31	21.6	0
20	16QAM	1	99	20.21	20.26	20.34		
20	16QAM	50	0	20.17	20.29	20.20		
20	16QAM	50	24	20.27	20.28	20.28	21.6	0
20	16QAM	50	50	20.14	20.42	20.31		
20	16QAM	100	0	20.22	20.33	20.22		
20	64QAM	1	0	20.12	20.24	20.30		
20	64QAM	1	49	20.07	20.26	20.17	21.6	0
20	64QAM	1	99	20.12	20.08	20.29		
20	64QAM	50	0	19.54	19.60	19.57		
20	64QAM	50	24	19.52	19.52	19.49	21	0.6
20	64QAM	50	50	19.59	19.48	19.45		
20	64QAM	100	0	19.45	19.69	19.78		
20	256QAM	1	0	17.54	17.62	17.85		
20	256QAM	1	49	17.62	17.81	17.49	19	2.6
20	256QAM	1	99	17.56	17.58	17.67		
20	256QAM	50	0	17.56	17.55	17.73		
20	256QAM	50	24	17.69	17.60	17.71	19	2.6
20	256QAM	50	50	17.65	17.71	17.43		
20	256QAM	100	0	17.48	17.61	17.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.27	20.27	20.27		
15	QPSK	1	37	20.08	20.31	20.07	21.6	0
15	QPSK	1	74	20.00	20.12	20.10		
15	QPSK	36	0	20.16	20.40	20.16		
15	QPSK	36	20	20.12	20.29	20.22	21.6	0
15	QPSK	36	39	20.07	20.21	20.23		
15	QPSK	75	0	20.16	20.22	20.11		
15	16QAM	1	0	20.20	20.28	20.31		
15	16QAM	1	37	20.04	20.36	20.30	21.6	0
15	16QAM	1	74	20.08	20.18	20.16		
15	16QAM	36	0	20.01	20.18	20.18		
15	16QAM	36	20	20.13	20.19	20.23	21.6	0
15	16QAM	36	39	20.13	20.38	20.30		
15	16QAM	75	0	20.10	20.24	20.15		
15	64QAM	1	0	20.10	20.17	20.17		
15	64QAM	1	37	20.02	20.39	20.21	21.6	0
15	64QAM	1	74	20.14	20.08	20.24		
15	64QAM	36	0	19.44	19.81	19.39		
15	64QAM	36	20	19.48	19.37	19.39	21	0.6
15	64QAM	36	39	19.52	19.49	19.39		
15	64QAM	75	0	19.27	19.48	19.59		
15	256QAM	1	0	17.46	17.59	17.63		
15	256QAM	1	37	17.51	17.61	17.40	19	2.6
15	256QAM	1	74	17.38	17.57	17.65		
15	256QAM	36	0	17.49	17.41	17.51		
15	256QAM	36	20	17.68	17.49	17.68	19	2.6
15	256QAM	36	39	17.52	17.59	17.32		
15	256QAM	75	0	17.27	17.52	17.67		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.22	20.26	20.17		
10	QPSK	1	25	20.15	20.28	20.18	21.6	0
10	QPSK	1	49	20.02	20.21	20.13		
10	QPSK	25	0	20.24	20.30	20.30		
10	QPSK	25	12	20.26	20.26	20.24	21.6	0
10	QPSK	25	25	20.08	20.20	20.15		
10	QPSK	50	0	20.17	20.38	20.11		
10	16QAM	1	0	20.11	20.30	20.23		
10	16QAM	1	25	20.02	20.24	20.25	21.6	0
10	16QAM	1	49	20.10	20.25	20.31		
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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.15	21.19	21.09	22	0
20	QPSK	1	49	21.13	21.11	21.08		
20	QPSK	1	99	21.06	21.03	21.04		
20	QPSK	50	0	21.03	21.17	21.04	22	0
20	QPSK	50	24	21.00	21.09	20.95		
20	QPSK	50	50	20.99	21.01	21.01		
20	QPSK	100	0	20.98	21.10	20.94		
20	16QAM	1	0	21.00	21.14	21.02	22	0
20	16QAM	1	49	21.09	21.02	20.96		
20	16QAM	1	99	21.10	21.04	21.02		
20	16QAM	50	0	19.71	19.80	19.78	21	1
20	16QAM	50	24	19.53	19.90	19.72		
20	16QAM	50	50	19.77	19.99	19.69		
20	16QAM	100	0	19.83	20.03	19.58		
20	64QAM	1	0	19.55	19.78	19.87	21	1
20	64QAM	1	49	19.50	19.78	19.46		
20	64QAM	1	99	19.41	19.79	19.55		
20	64QAM	50	0	18.81	18.89	18.64	20	2
20	64QAM	50	24	18.66	18.79	18.53		
20	64QAM	50	50	18.66	18.86	18.79		
20	64QAM	100	0	18.77	18.84	18.69		
20	256QAM	1	0	17.02	16.98	16.93	18	4
20	256QAM	1	49	16.86	17.16	16.87		
20	256QAM	1	99	16.89	17.24	16.88		
20	256QAM	50	0	17.01	17.09	16.92	18	4
20	256QAM	50	24	17.01	16.74	17.03		
20	256QAM	50	50	17.00	16.92	17.08		
20	256QAM	100	0	17.17	17.05	17.09		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.14	21.10	21.06	22	0
15	QPSK	1	37	21.01	21.02	20.92		
15	QPSK	1	74	20.92	20.93	20.88		
15	QPSK	36	0	20.95	21.13	20.96	22	0
15	QPSK	36	20	20.99	21.02	20.83		
15	QPSK	36	39	20.91	20.96	20.92		
15	QPSK	75	0	20.96	21.05	20.89		
15	16QAM	1	0	20.86	21.07	20.96	22	0
15	16QAM	1	37	21.02	20.92	20.80		
15	16QAM	1	74	20.94	20.96	21.00		
15	16QAM	36	0	19.58	19.78	19.77	21	1
15	16QAM	36	20	19.40	19.89	19.51		
15	16QAM	36	39	19.61	19.79	19.68		
15	16QAM	75	0	19.65	19.91	19.43		
15	64QAM	1	0	19.35	19.78	19.80	21	1
15	64QAM	1	37	19.32	19.57	19.49		
15	64QAM	1	74	19.71	19.75	19.44		
15	64QAM	36	0	18.60	18.87	18.57	20	2
15	64QAM	36	20	18.56	18.66	18.48		
15	64QAM	36	39	18.46	18.68	18.60		
15	64QAM	75	0	18.60	18.67	18.63		
15	256QAM	1	0	16.81	16.77	16.92	18	4
15	256QAM	1	37	16.70	16.99	16.72		
15	256QAM	1	74	16.71	17.11	16.84		
15	256QAM	36	0	16.81	17.10	16.85	18	4
15	256QAM	36	20	16.89	16.83	17.03		
15	256QAM	36	39	16.93	16.88	16.99		
15	256QAM	75	0	17.08	17.03	17.08		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.13	21.14	20.98	22	0
10	QPSK	1	25	20.98	21.01	20.96		
10	QPSK	1	49	20.95	20.96	20.95		
10	QPSK	25	0	21.01	21.15	21.03	22	0
10	QPSK	25	12	20.92	21.03	20.79		
10	QPSK	25	25	20.98	20.89	20.90		
10	QPSK	50	0	20.84	21.03	20.90		
10	16QAM	1	0	20.93	20.98	20.90	22	0
10	16QAM	1	25	21.06	20.87	20.84		
10	16QAM	1	49	20.95	20.92	20.95		
10	16QAM	25	0	19.72	19.62	19.70	21	1
10	16QAM	25	12	19.59	19.76	19.68		
10	16QAM	25	25	19.64	19.96	19.65		
10	16QAM	50	0	19.66	19.85	19.52		
10	64QAM	1	0	19.41	19.62	19.66	21	1
10	64QAM	1	25	19.35	19.57	19.63		
10	64QAM	1	49	19.34	19.72	19.43		
10	64QAM	25	0	18.73	18.75	18.59	20	2
10	64QAM	25	12	18.59	18.63	18.45		
10	64QAM	25	25	18.61	18.87	18.61		
10	64QAM	50	0	18.66	18.82	18.69		
10	256QAM	1	0	16.99	16.89	16.74	18	4
10	256QAM	1	25	16.84	16.97	16.77		
10	256QAM	1	49	16.81	17.13	16.90		
10	256QAM	25	0	16.90	16.97	16.88	18	4
10	256QAM	25	12	16.84	16.62	16.93		
10	256QAM	25	25	16.85	16.92	17.10		
10	256QAM	50	0	17.07	16.99	16.92		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.08	21.04	21.01	22	0
5	QPSK	1	12	20.97	20.99	20.90		
5	QPSK	1	24	20.97	20.98	20.98		
5	QPSK	12	0	20.91	20.99	20.98	22	0
5	QPSK	12	7	20.96	20.95	20.84		
5	QPSK	12	13	20.82	20.97	20.97		
5	QPSK	25	0	20.82	20.98	20.91		
5	16QAM	1	0	20.85	21.04	21.01	22	0
5	16QAM	1	12	21.06	20.89	20.89		
5	16QAM	1	24	20.99	20.91	20.98		
5	16QAM	12	0	19.65	19.61	19.56	21	1
5	16QAM	12	7	19.47	19.73	19.69		
5	16QAM	12	13	19.59	19.88	19.57		
5	16QAM	25	0	19.83	19.98	19.59		
5	64QAM	1	0	19.54	19.73	19.80	21	1
5	64QAM	1	12	19.71	19.70	19.64		
5	64QAM	1	24	19.34	19.78	19.46		
5	64QAM	12	0	18.64	18.75	18.59	20	2
5	64QAM	12	7	18.61	18.76	18.44		
5	64QAM	12	13	18.52	18.65	18.78		
5	64QAM	25	0	18.75	18.65	18.51		
5	256QAM	1	0	16.96	16.83	16.94	18	4
5	256QAM	1	12	16.80	17.01	16.89		
5	256QAM	1	24	16.71	17.20	16.76		
5	256QAM	12	0	16.79	16.94	16.74	18	4
5	256QAM	12	7	16.96	16.68	16.86		
5	256QAM	12	13	16.90	16.80	17.08		
5	256QAM	25	0	17.09	16.98	16.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.97	22.01	22.03	21.95	21.93	23	0
20	QPSK	1	49	21.68	21.73	21.82	21.75	21.77		
20	QPSK	1	99	21.85	21.86	21.91	21.74	21.83		
20	QPSK	50	0	20.71	20.76	20.78	20.69	20.61	22	1
20	QPSK	50	24	20.47	20.42	20.60	20.62	20.49		
20	QPSK	50	50	20.63	20.51	20.64	20.47	20.66		
20	QPSK	100	0	20.52	20.51	20.60	20.42	20.42		
20	16QAM	1	0	20.68	20.58	20.78	20.61	20.63	22	1
20	16QAM	1	49	20.60	20.75	20.74	20.66	20.75		
20	16QAM	1	99	20.56	20.51	20.69	20.66	20.66		
20	16QAM	50	0	19.68	19.76	19.89	19.67	19.76	21	2
20	16QAM	50	24	19.66	19.77	19.80	19.67	19.80		
20	16QAM	50	50	19.75	19.75	19.80	19.69	19.71		
20	16QAM	100	0	19.64	19.51	19.67	19.67	19.50		
20	64QAM	1	0	19.89	19.93	19.93	19.78	19.88	21	2
20	64QAM	1	49	19.55	19.54	19.73	19.71	19.53		
20	64QAM	1	99	19.51	19.49	19.58	19.49	19.44		
20	64QAM	50	0	18.43	18.39	18.55	18.47	18.46	20	3
20	64QAM	50	24	18.74	18.63	18.75	18.68	18.55		
20	64QAM	50	50	18.67	18.83	18.88	18.86	18.70		
20	64QAM	100	0	18.62	18.66	18.81	18.65	18.77		
20	256QAM	1	0	16.82	16.76	16.82	16.76	16.79	18	5
20	256QAM	1	49	16.58	16.58	16.60	16.46	16.58		
20	256QAM	1	99	16.63	16.49	16.70	16.49	16.55		
20	256QAM	50	0	16.42	16.57	16.63	16.62	16.53	18	5
20	256QAM	50	24	16.61	16.62	16.77	16.70	16.63		
20	256QAM	50	50	16.48	16.48	16.53	16.49	16.44		
20	256QAM	100	0	16.53	16.50	16.66	16.63	16.66		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.89	21.88	21.82	21.94	21.89	23.00	0
15	QPSK	1	37	21.70	21.70	21.80	21.67	21.55		
15	QPSK	1	74	21.73	21.69	21.72	21.63	21.84		
15	QPSK	36	0	20.73	20.76	20.58	20.69	20.49	22	1
15	QPSK	36	20	20.31	20.55	20.40	20.46	20.43		
15	QPSK	36	39	20.60	20.40	20.53	20.43	20.46		
15	QPSK	75	0	20.43	20.41	20.47	20.27	20.28		
15	16QAM	1	0	20.51	20.45	20.67	20.58	20.52	22	1
15	16QAM	1	37	20.62	20.69	20.62	20.61	20.69		
15	16QAM	1	74	20.36	20.45	20.63	20.48	20.51		
15	16QAM	36	0	19.55	19.69	19.88	19.58	19.60	21	2
15	16QAM	36	20	19.59	19.68	19.81	19.47	19.60		
15	16QAM	36	39	19.57	19.73	19.80	19.53	19.52		
15	16QAM	75	0	19.64	19.44	19.54	19.56	19.37		
15	64QAM	1	0	19.89	19.85	19.70	19.61	19.67	21	2
15	64QAM	1	37	19.42	19.54	19.63	19.67	19.47		
15	64QAM	1	74	19.51	19.49	19.58	19.42	19.43		
15	64QAM	36	0	18.36	18.31	18.41	18.43	18.44	20	3
15	64QAM	36	20	18.56	18.58	18.62	18.57	18.40		
15	64QAM	36	39	18.49	18.73	18.81	18.66	18.60		
15	64QAM	75	0	18.43	18.67	18.78	18.56	18.76		
15	256QAM	1	0	16.82	16.69	16.69	16.63	16.71	18	5
15	256QAM	1	37	16.42	16.55	16.43	16.37	16.47		
15	256QAM	1	74	16.44	16.32	16.69	16.37	16.47		
15	256QAM	36	0	16.33	16.56	16.49	16.48	16.33	18	5
15	256QAM	36	20	16.58	16.61	16.66	16.59	16.47		
15	256QAM	36	39	16.26	16.44	16.44	16.27	16.32		
15	256QAM	75	0	16.48	16.39	16.52	16.55	16.53		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.93	21.92	21.93	21.88	21.95	23.00	0
10	QPSK	1	25	21.54	21.61	21.74	21.56	21.64		
10	QPSK	1	49	21.69	21.68	21.88	21.58	21.84		
10	QPSK	25	0	20.69	20.74	20.79	20.56	20.60	22	1
10	QPSK	25	12	20.31	20.35	20.47	20.52	20.37		
10	QPSK	25	25	20.58	20.34	20.64	20.34	20.53		
10	QPSK	50	0	20.42	20.33	20.40	20.27	20.21		
10	16QAM	1	0	20.61	20.49	20.77	20.60	20.45	22	1
10	16QAM	1	25	20.62	20.60	20.53	20.45	20.71		
10	16QAM	1	49	20.39	20.43	20.57	20.61	20.62		
10	16QAM	25	0	19.62	19.70	19.78	19.47	19.77	21	2
10	16QAM	25	12	19.64	19.68	19.68	19.53	19.64		
10	16QAM	25	25	19.64	19.56	19.80	19.54	19.67		
10	16QAM	50	0	19.52	19.46	19.55	19.61	19.30		
10	64QAM	1	0	19.77	19.72	19.80	19.74	19.70	21	2
10	64QAM	1	25	19.37	19.50	19.71	19.62	19.43		
10	64QAM	1	49	19.32	19.38	19.43	19.50	19.38		
10	64QAM	25	0	18.34	18.40	18.54	18.41	18.32	20	3
10	64QAM	25	12	18.70	18.59	18.76	18.66	18.36		
10	64QAM	25	25	18.51	18.74	18.65	18.73	18.56		
10	64QAM	50	0	18.53	18.54	18.79	18.66	18.66		
10	256QAM	1	0	16.61	16.54	16.80	16.76	16.70	18	5
10	256QAM	1	25	16.39	16.48	16.44	16.35	16.50		
10	256QAM	1	49	16.63	16.41	16.54	16.48	16.51		
10	256QAM	25	0	16.44	16.49	16.61	16.63	16.39	18	5
10	256QAM	25	12	16.61	16.51	16.64	16.62	16.43		
10	256QAM	25	25	16.32	16.31	16.37	16.34	16.25		
10	256QAM	50	0	16.41	16.36	16.56	16.63	16.67		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.78	21.93	21.87	21.90	21.76	23.00	0
5	QPSK	1	12	21.55	21.71	21.60	21.65	21.63		
5	QPSK	1	24	21.65	21.85	21.85	21.64	21.81		
5	QPSK	12	0	20.68	20.60	20.64	20.70	20.51	22	1
5	QPSK	12	7	20.46	20.26	20.38	20.45	20.46		
5	QPSK	12	13	20.60	20.38	20.46	20.37	20.52		
5	QPSK	25	0	20.42	20.30	20.60	20.22	20.28		
5	16QAM	1	0	20.46	20.46	20.59	20.60	20.50	22	1
5	16QAM	1	12	20.46	20.67	20.57	20.47	20.66		
5	16QAM	1	24	20.43	20.42	20.54	20.52	20.55		
5	16QAM	12	0	19.50	19.58	19.85	19.49	19.73	21	2
5	16QAM	12	7	19.54	19.67	19.75	19.54	19.74		
5	16QAM	12	13	19.71	19.70	19.73	19.58	19.52		
5	16QAM	25	0	19.63	19.50	19.47	19.67	19.44		
5	64QAM	1	0	19.71	19.91	19.85	19.73	19.87	21	2
5	64QAM	1	12	19.56	19.64	19.72	19.67	19.41		
5	64QAM	1	24	19.54	19.44	19.51	19.53	19.49		
5	64QAM	12	0	18.32	18.39	18.34	18.41	18.48	20	3
5	64QAM	12	7	18.58	18.65	18.55	18.67	18.43		
5	64QAM	12	13	18.50	18.69	18.75	18.78	18.59		
5	64QAM	25	0	18.55	18.65	18.60	18.55	18.60		
5	256QAM	1	0	16.81	16.63	16.71	16.75	16.57	18	5
5	256QAM	1	12	16.47	16.44	16.53	16.44	16.44		
5	256QAM	1	24	16.44	16.44	16.57	16.39	16.52		
5	256QAM	12	0	16.25	16.52	16.48	16.48	16.39	18	5
5	256QAM	12	7	16.52	16.57	16.57	16.50	16.62		
5	256QAM	12	13	16.46	16.45	16.40	16.44	16.31		
5	256QAM	25	0	16.35	16.31	16.64	16.51	16.51		

Band 4 Ant 1 Other PA

BW [MHz]	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	19.70	19.91	19.83	20.9	0
20	QPSK	1	49	19.72	19.72	19.77		
20	QPSK	1	99	19.64	19.79	19.57		
20	QPSK	50	0	19.73	19.79	19.67		
20	QPSK	50	24	19.67	19.72	19.57	20.9	0
20	QPSK	50	50	19.63	19.69	19.75		
20	QPSK	100	0	19.55	19.71	19.70		
20	16QAM	1	0	19.72	19.81	19.49		
20	16QAM	1	49	19.69	19.64	19.58	20.9	0
20	16QAM	1	99	19.74	19.61	19.71		
20	16QAM	50	0	19.79	19.67	19.67		
20	16QAM	50	24	19.71	19.70	19.68	20.9	0
20	16QAM	50	50	19.53	19.81	19.64		
20	16QAM	100	0	19.62	19.90	19.55		
20	64QAM	1	0	19.66	19.73	19.66		
20	64QAM	1	49	19.69	19.61	19.71	20.9	0
20	64QAM	1	99	19.59	19.64	19.55		
20	64QAM	50	0	19.64	19.63	19.63		
20	64QAM	50	24	19.59	19.66	19.66	20.9	0
20	64QAM	50	50	19.64	19.78	19.51		
20	64QAM	100	0	19.64	19.78	19.68		
20	256QAM	1	0	17.58	17.59	17.54		
20	256QAM	1	49	17.56	17.43	17.49	19	1.9
20	256QAM	1	99	17.63	17.47	17.66		
20	256QAM	50	0	17.70	17.65	17.62		
20	256QAM	50	24	17.58	17.62	17.46	19	1.9
20	256QAM	50	50	17.63	17.66	17.70		
20	256QAM	100	0	17.59	17.52	17.64		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.54	19.76	19.73	20.9	0
15	QPSK	1	37	19.58	19.64	19.68		
15	QPSK	1	74	19.47	19.76	19.47		
15	QPSK	36	0	19.68	19.78	19.59		
15	QPSK	36	20	19.64	19.60	19.43	20.9	0
15	QPSK	36	39	19.48	19.67	19.72		
15	QPSK	75	0	19.53	19.70	19.55		
15	16QAM	1	0	19.63	19.73	19.35		
15	16QAM	1	37	19.54	19.52	19.56	20.9	0
15	16QAM	1	74	19.72	19.57	19.62		
15	16QAM	36	0	19.68	19.49	19.57		
15	16QAM	36	20	19.55	19.63	19.54	20.9	0
15	16QAM	36	39	19.45	19.79	19.47		
15	16QAM	75	0	19.58	19.71	19.37		
15	64QAM	1	0	19.63	19.59	19.50		
15	64QAM	1	37	19.55	19.50	19.60	20.9	0
15	64QAM	1	74	19.41	19.62	19.48		
15	64QAM	36	0	19.51	19.48	19.45		
15	64QAM	36	20	19.52	19.57	19.54	20.9	0
15	64QAM	36	39	19.62	19.74	19.41		
15	64QAM	75	0	19.47	19.71	19.56		
15	256QAM	1	0	17.57	17.76	17.52		
15	256QAM	1	37	17.66	17.64	17.36	19	1.9
15	256QAM	1	74	17.55	17.54	17.47		
15	256QAM	36	0	17.58	17.52	17.65		
15	256QAM	36	20	17.57	17.60	17.58	19	1.9
15	256QAM	36	39	17.67	17.60	17.68		
15	256QAM	75	0	17.57	17.52	17.67		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.65	19.84	19.73	20.9	0
10	QPSK	1	25	19.58	19.54	19.62		
10	QPSK	1	49	19.59	19.61	19.51		
10	QPSK	25	0	19.70	19.62	19.56	20.9	0
10	QPSK	25	12	19.55	19.62	19.56		
10	QPSK	25	25	19.60	19.57	19.51		
10	QPSK	50	0	19.50	19.62	19.56		
10	16QAM	1	0	19.68	19.65	19.42		
10	16QAM	1	25	19.66	19.56	19.41	20.9	0
10	16QAM	1	49	19.66	19.45	19.60		
10	16QAM	25	0	19.75	19.48	19.54		
10	16QAM	25	12	19.63	19.65	19.49	20.9	0
10	16QAM	25	25	19.37	19.77	19.61		
10	16QAM	50	0	19.47	19.75	19.37		
10	64QAM	1	0	19.62	19.56	19.56		
10	64QAM	1	25	19.67	19.53	19.57	20.9	0
10	64QAM	1	49	19.53	19.53	19.51		
10	64QAM	25	0	19.55	19.51	19.57		
10	64QAM	25	12	19.54	19.50	19.56	20.9	0
10	64QAM	25	25	19.58	19.71	19.46		
10	64QAM	50	0	19.53	19.62	19.66		
10	256QAM	1	0	17.55	17.74	17.68		
10	256QAM	1	25	17.55	17.63	17.55	19	1.9
10	256QAM	1	49	17.51	17.59	17.50		
10	256QAM	25	0	17.69	17.64	17.48		
10	256QAM	25	12	17.68	17.60	17.45	19	1.9
10	256QAM	25	25	17.71	17.48	17.66		
10	256QAM	50	0	17.78	17.42	17.59		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.58	19.82	19.70	20.9	0
5	QPSK	1	12	19.58	19.61	19.58		
5	QPSK	1	24	19.59	19.66	19.54		
5	QPSK	12	0	19.66	19.74	19.66		
5	QPSK	12	7	19.60	19.55	19.51	20.9	0
5	QPSK	12	13	19.44	19.64	19.69		
5	QPSK	25	0	19.41	19.65	19.58		
5	16QAM	1	0	19.70	19.66	19.36		
5	16QAM	1	12	19.62	19.53	19.53	20.9	0
5	16QAM	1	24	19.59	19.45	19.63		
5	16QAM	12	0	19.63	19.48	19.60		
5	16QAM	12	7	19.66	19.52	19.64	20.9	0
5	16QAM	12	13	19.42	19.78	19.62		
5	16QAM	25	0	19.45	19.76	19.46		
5	64QAM	1	0	19.49	19.59	19.55		
5	64QAM	1	12	19.67	19.53	19.56	20.9	0
5	64QAM	1	24	19.43	19.60	19.43		
5	64QAM	12	0	19.56	19.57	19.51		
5	64QAM	12	7	19.47	19.63	19.64	20.9	0
5	64QAM	12	13	19.61	19.69	19.39		
5	64QAM	25	0	19.47	19.70	19.55		
5	256QAM	1	0	17.75	17.62	17.64		
5	256QAM	1	12	17.65	17.43	17.53	19	1.9
5	256QAM	1	24	17.68	17.51	17.45		
5	256QAM	12	0	17.80	17.52	17.56		
5	256QAM	12	7	17.71	17.55	17.50	19	1.9
5	256QAM	12	13	17.68	17.54	17.70		
5	256QAM	25	0	17.69	17.64	17.54		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.62	19.81	19.76	20.9	0
3	QPSK	1	8	19.55	19.56	19.68		
3	QPSK	1	14	19.62	19.68	19.44		
3	QPSK	8	0	19.72	19.69	19.61	20.9	0
3	QPSK	8	4	19.50	19.58	19.50		
3	QPSK	8	7	19.58	19.54	19.68		
3	QPSK	15	0	19.41	19.60	19.59		
3	16QAM	1	0	19.61	19.64	19.45		
3	16QAM	1	8	19.51	19.60	19.40	20.9	0
3	16QAM	1	14	19.68	19.46	19.62		
3	16QAM	8	0	19.74	19.53	19.56		
3	16QAM	8	4	19.54	19.61	19.66	20.9	0
3	16QAM	8	7	19.36	19.67	19.51		
3	16QAM	15	0	19.58	19.84	19.52		
3	64QAM	1	0	19.55	19.55	19.54		
3	64QAM	1	8	19.61	19.46	19.66	20.9	0
3	64QAM	1	14	19.46	19.55	19.50		
3	64QAM	8	0	19.46	19.57	19.60		
3	64QAM	8	4	19.55	19.59	19.63	20.9	0
3	64QAM	8	7	19.51	19.71	19.37		
3	64QAM	15	0	19.49	19.75	19.49		
3	256QAM	1	0	17.76	17.68	17.48		
3	256QAM	1	8	17.48	17.53	17.46	19	1.9
3	256QAM	1	14	17.55	17.54	17.49		
3	256QAM	8	0	17.68	17.58	17.53		
3	256QAM	8	4	17.62	17.65	17.45	19	1.9
3	256QAM	8	7	17.60	17.50	17.65		
3	256QAM	15	0	17.73	17.59	17.55		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.66	19.71	19.68	20.9	0
1.4	QPSK	1	3	19.66	19.62	19.70		
1.4	QPSK	1	5	19.53	19.70	19.53		
1.4	QPSK	3	0	19.54	19.70	19.61		
1.4	QPSK	3	1	19.64	19.60	19.46		
1.4	QPSK	3	3	19.54	19.56	19.70		
1.4	QPSK	6	0	19.42	19.56	19.66	20.9	0
1.4	16QAM	1	0	19.64	19.79	19.43	20.9	0
1.4	16QAM	1	3	19.64	19.63	19.55		
1.4	16QAM	1	5	19.59	19.46	19.63		
1.4	16QAM	3	0	19.72	19.63	19.66		
1.4	16QAM	3	1	19.53	19.56	19.54		
1.4	16QAM	3	3	19.39	19.64	19.48		
1.4	16QAM	6	0	19.55	19.80	19.41	20.9	0
1.4	64QAM	1	0	19.47	19.68	19.56	20.9	0
1.4	64QAM	1	3	19.67	19.56	19.56		
1.4	64QAM	1	5	19.41	19.46	19.45		
1.4	64QAM	3	0	19.59	19.50	19.60		
1.4	64QAM	3	1	19.56	19.48	19.60		
1.4	64QAM	3	3	19.59	19.72	19.47		
1.4	64QAM	6	0	19.47	19.66	19.56	20.9	0
1.4	256QAM	1	0	17.60	17.42	17.45	19	1.9
1.4	256QAM	1	3	17.50	17.30	17.38		
1.4	256QAM	1	5	17.42	17.52	17.43		
1.4	256QAM	3	0	17.48	17.53	17.51		
1.4	256QAM	3	1	17.57	17.49	17.49		
1.4	256QAM	3	3	17.49	17.53	17.45		
1.4	256QAM	6	0	17.38	17.42	17.55	19	1.9

Band 7 Ant 1 Other PA

BW [MHz]	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	18.04	18.08	17.97	19.7	0
20	QPSK	1	49	17.93	17.92	17.94		
20	QPSK	1	99	17.96	17.91	17.86		
20	QPSK	50	0	17.98	18.05	17.91		
20	QPSK	50	24	17.93	17.90	17.86	19.7	0
20	QPSK	50	50	18.01	18.02	17.83		
20	QPSK	100	0	17.87	18.04	17.79		
20	16QAM	1	0	17.93	17.94	17.90		
20	16QAM	1	49	17.86	18.03	17.88	19.7	0
20	16QAM	1	99	17.94	18.04	17.92		
20	16QAM	50	0	17.96	17.96	17.85		
20	16QAM	50	24	17.95	18.05	17.87	19.7	0
20	16QAM	50	50	18.01	18.05	17.93		
20	16QAM	100	0	17.99	18.01	17.82		
20	64QAM	1	0	17.88	18.06	17.82		
20	64QAM	1	49	17.90	17.98	17.83	19.7	0
20	64QAM	1	99	17.96	18.04	17.85		
20	64QAM	50	0	17.90	17.95	17.82		
20	64QAM	50	24	17.97	17.96	17.83	19.7	0
20	64QAM	50	50	17.89	17.97	17.94		
20	64QAM	100	0	17.99	17.97	17.83		
20	256QAM	1	0	17.51	17.48	17.45		
20	256QAM	1	49	17.33	17.38	17.39	19	0.7
20	256QAM	1	99	17.23	17.31	17.59		
20	256QAM	50	0	17.15	17.30	17.51		
20	256QAM	50	24	17.44	17.42	17.24	19	0.7
20	256QAM	50	50	17.32	17.17	17.19		
20	256QAM	100	0	17.30	17.42	17.34		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.85	17.90	17.83	19.7	0
15	QPSK	1	37	17.75	17.85	17.81		
15	QPSK	1	74	17.88	17.81	17.73		
15	QPSK	36	0	17.93	17.97	17.81		
15	QPSK	36	20	17.90	17.73	17.82	19.7	0
15	QPSK	36	39	17.84	18.01	17.83		
15	QPSK	75	0	17.80	17.92	17.94		
15	16QAM	1	0	17.76	17.83	17.86		
15	16QAM	1	37	17.83	17.88	17.74	19.7	0
15	16QAM	1	74	17.93	17.99	17.88		
15	16QAM	36	0	17.93	17.78	17.73		
15	16QAM	36	20	17.85	17.94	17.74	19.7	0
15	16QAM	36	39	17.86	17.96	17.80		
15	16QAM	75	0	17.96	17.97	17.82		
15	64QAM	1	0	17.83	17.90	17.83		
15	64QAM	1	37	17.77	17.87	17.94	19.7	0
15	64QAM	1	74	17.94	17.93	17.83		
15	64QAM	36	0	17.87	17.93	17.82		
15	64QAM	36	20	17.94	17.93	17.82	19.7	0
15	64QAM	36	39	17.75	17.80	17.83		
15	64QAM	75	0	17.97	17.87	17.94		
15	256QAM	1	0	17.40	17.45	17.35		
15	256QAM	1	37	17.20	17.22	17.33	19	0.7
15	256QAM	1	74	17.20	17.23	17.24		
15	256QAM	36	0	17.17	17.15	17.17		
15	256QAM	36	20	17.34	17.36	17.41	19	0.7
15	256QAM	36	39	17.17	17.36	17.44		
15	256QAM	75	0	17.24	17.42	17.24		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.01	17.95	17.78	19.7	0
10	QPSK	1	25	17.88	17.81	17.87		
10	QPSK	1	49	17.86	17.76	17.70		
10	QPSK	25	0	17.92	18.03	17.79	19.7	0
10	QPSK	25	12	17.80	17.83	17.79		
10	QPSK	25	25	17.95	18.01	17.79		
10	QPSK	50	0	17.82	17.88	17.82		
10	16QAM	1	0	17.77	17.77	17.79		
10	16QAM	1	25	17.74	17.95	17.87	19.7	0
10	16QAM	1	49	17.92	18.01	17.75		
10	16QAM	25	0	17.77	17.87	17.83		
10	16QAM	25	12	17.83	18.02	17.82	19.7	0
10	16QAM	25	25	17.88	17.94	17.89		
10	16QAM	50	0	17.87	17.90	17.73		
10	64QAM	1	0	17.77	18.01	17.74		
10	64QAM	1	25	17.73	17.93	17.73	19.7	0
10	64QAM	1	49	17.89	17.94	17.82		
10	64QAM	25	0	17.86	17.87	17.81		
10	64QAM	25	12	17.95	17.78	17.70	19.7	0
10	64QAM	25	25	17.73	17.88	17.82		
10	64QAM	50	0	17.83	17.80	17.82		
10	256QAM	1	0	17.42	17.45	17.35		
10	256QAM	1	25	17.19	17.33	17.17	19	0.7
10	256QAM	1	49	17.09	17.26	17.12		
10	256QAM	25	0	17.09	17.27	17.24		
10	256QAM	25	12	17.42	17.27	17.26	19	0.7
10	256QAM	25	25	17.13	17.05	17.13		
10	256QAM	50	0	17.28	17.21	17.23		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.86	18.00	17.87	19.7	0
5	QPSK	1	12	17.83	17.86	17.84		
5	QPSK	1	24	17.94	17.89	17.70		
5	QPSK	12	0	17.91	17.90	17.75	19.7	0
5	QPSK	12	7	17.87	17.75	17.84		
5	QPSK	12	13	17.95	17.88	17.82		
5	QPSK	25	0	17.86	17.88	17.82		
5	16QAM	1	0	17.89	17.91	17.78		
5	16QAM	1	12	17.76	17.89	17.80	19.7	0
5	16QAM	1	24	17.90	17.88	17.82		
5	16QAM	12	0	17.91	17.93	17.81		
5	16QAM	12	7	17.85	17.99	17.74	19.7	0
5	16QAM	12	13	17.93	17.94	17.78		
5	16QAM	25	0	17.96	17.84	17.78		
5	64QAM	1	0	17.85	17.95	17.80		
5	64QAM	1	12	17.82	17.83	17.77	19.7	0
5	64QAM	1	24	17.86	17.77	17.77		
5	64QAM	12	0	17.77	17.85	17.77		
5	64QAM	12	7	17.84	17.90	17.82	19.7	0
5	64QAM	12	13	17.71	17.92	17.92		
5	64QAM	25	0	17.96	17.96	17.73		
5	256QAM	1	0	17.37	17.46	17.43		
5	256QAM	1	12	17.32	17.25	17.18	19	0.7
5	256QAM	1	24	17.26	17.23	17.14		
5	256QAM	12	0	17.16	17.14	17.29		
5	256QAM	12	7	17.32	17.25	17.42	19	0.7
5	256QAM	12	13	17.17	17.11	17.08		
5	256QAM	25	0	17.33	17.27	17.20		

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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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.87	19.92	19.84	20.9	0
20	QPSK	1	49	19.77	19.87	19.79		
20	QPSK	1	99	19.71	19.81	19.65		
20	QPSK	50	0	19.75	19.81	19.80		
20	QPSK	50	24	19.76	19.75	19.74	20.9	0
20	QPSK	50	50	19.77	19.80	19.77		
20	QPSK	100	0	19.74	19.80	19.78		
20	16QAM	1	0	19.85	19.84	19.66		
20	16QAM	1	49	19.79	19.78	19.71	20.9	0
20	16QAM	1	99	19.82	19.74	19.77		
20	16QAM	50	0	19.85	19.84	19.80		
20	16QAM	50	24	19.78	19.79	19.76	20.9	0
20	16QAM	50	50	19.68	19.85	19.73		
20	16QAM	100	0	19.75	19.91	19.66		
20	64QAM	1	0	19.71	19.83	19.74		
20	64QAM	1	49	19.79	19.78	19.74	20.9	0
20	64QAM	1	99	19.75	19.76	19.72		
20	64QAM	50	0	19.82	19.79	19.70		
20	64QAM	50	24	19.69	19.82	19.72	20.9	0
20	64QAM	50	50	19.82	19.80	19.68		
20	64QAM	100	0	19.82	19.85	19.81		
20	256QAM	1	0	17.74	17.79	17.64		
20	256QAM	1	49	17.71	17.65	17.85	19	1.9
20	256QAM	1	99	17.76	17.80	17.75		
20	256QAM	50	0	17.87	17.55	17.55		
20	256QAM	50	24	17.76	17.70	17.56	19	1.9
20	256QAM	50	50	17.61	17.70	17.74		
20	256QAM	100	0	17.87	17.61	17.77		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.79	19.89	19.74	20.9	0
15	QPSK	1	37	19.64	19.85	19.77		
15	QPSK	1	74	19.58	19.72	19.48		
15	QPSK	36	0	19.63	19.66	19.71		
15	QPSK	36	20	19.73	19.63	19.57	20.9	0
15	QPSK	36	39	19.70	19.78	19.69		
15	QPSK	75	0	19.71	19.67	19.75		
15	16QAM	1	0	19.73	19.78	19.58		
15	16QAM	1	37	19.70	19.75	19.64	20.9	0
15	16QAM	1	74	19.68	19.55	19.65		
15	16QAM	36	0	19.80	19.71	19.74		
15	16QAM	36	20	19.73	19.78	19.63	20.9	0
15	16QAM	36	39	19.58	19.83	19.70		
15	16QAM	75	0	19.57	19.78	19.49		
15	64QAM	1	0	19.65	19.80	19.60		
15	64QAM	1	37	19.62	19.66	19.57	20.9	0
15	64QAM	1	74	19.73	19.58	19.58		
15	64QAM	36	0	19.80	19.72	19.54		
15	64QAM	36	20	19.60	19.66	19.57	20.9	0
15	64QAM	36	39	19.79	19.71	19.63		
15	64QAM	75	0	19.76	19.69	19.70		
15	256QAM	1	0	17.65	17.79	17.48		
15	256QAM	1	37	17.58	17.51	17.85	19	1.9
15	256QAM	1	74	17.75	17.60	17.70		
15	256QAM	36	0	17.83	17.41	17.53		
15	256QAM	36	20	17.63	17.58	17.57	19	1.9
15	256QAM	36	39	17.43	17.67	17.57		
15	256QAM	75	0	17.85	17.42	17.61		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.86	19.76	19.71	20.9	0
10	QPSK	1	25	19.71	19.81	19.81		
10	QPSK	1	49	19.61	19.75	19.56		
10	QPSK	25	0	19.62	19.68	19.72	20.9	0
10	QPSK	25	12	19.60	19.61	19.59		
10	QPSK	25	25	19.71	19.77	19.68		
10	QPSK	50	0	19.64	19.72	19.60		
10	16QAM	1	0	19.79	19.66	19.63		
10	16QAM	1	25	19.65	19.73	19.57	20.9	0
10	16QAM	1	49	19.80	19.71	19.67		
10	16QAM	25	0	19.71	19.68

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.74	18.84	18.78	20	0
20	QPSK	1	49	18.64	18.81	18.67		
20	QPSK	1	99	18.65	18.67	18.76		
20	QPSK	50	0	18.70	18.82	18.62	20	0
20	QPSK	50	24	18.73	18.80	18.75		
20	QPSK	50	50	18.70	18.71	18.61		
20	QPSK	100	0	18.58	18.74	18.65		
20	16QAM	1	0	18.60	18.80	18.64	20	0
20	16QAM	1	49	18.56	18.81	18.74		
20	16QAM	1	99	18.66	18.69	18.64		
20	16QAM	50	0	18.57	18.74	18.69	20	0
20	16QAM	50	24	18.69	18.69	18.62		
20	16QAM	50	50	18.68	18.66	18.66		
20	16QAM	100	0	18.55	18.71	18.63		
20	64QAM	1	0	18.57	18.70	18.76	20	0
20	64QAM	1	49	18.66	18.77	18.74		
20	64QAM	1	99	18.68	18.80	18.75		
20	64QAM	50	0	18.66	18.80	18.62	20	0
20	64QAM	50	24	18.55	18.72	18.64		
20	64QAM	50	50	18.66	18.65	18.74		
20	64QAM	100	0	18.61	18.79	18.63		
20	256QAM	1	0	17.43	17.35	17.38	19	1
20	256QAM	1	49	17.45	17.27	17.49		
20	256QAM	1	99	17.42	17.69	17.43		
20	256QAM	50	0	17.43	17.57	17.40	19	1
20	256QAM	50	24	17.43	17.43	17.41		
20	256QAM	50	50	17.32	17.47	17.41		
20	256QAM	100	0	17.57	17.42	17.48		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.71	18.76	18.59	20	0
15	QPSK	1	37	18.59	18.63	18.60		
15	QPSK	1	74	18.52	18.57	18.58		
15	QPSK	36	0	18.64	18.64	18.57	20	0
15	QPSK	36	20	18.55	18.73	18.57		
15	QPSK	36	39	18.69	18.56	18.59		
15	QPSK	75	0	18.51	18.61	18.51		
15	16QAM	1	0	18.43	18.62	18.61	20	0
15	16QAM	1	37	18.46	18.68	18.72		
15	16QAM	1	74	18.64	18.51	18.45		
15	16QAM	36	0	18.53	18.62	18.66	20	0
15	16QAM	36	20	18.54	18.55	18.44		
15	16QAM	36	39	18.53	18.56	18.63		
15	16QAM	75	0	18.52	18.68	18.57		
15	64QAM	1	0	18.43	18.56	18.74	20	0
15	64QAM	1	37	18.56	18.72	18.64		
15	64QAM	1	74	18.53	18.76	18.67		
15	64QAM	36	0	18.53	18.62	18.55	20	0
15	64QAM	36	20	18.54	18.70	18.45		
15	64QAM	36	39	18.64	18.55	18.60		
15	64QAM	75	0	18.46	18.76	18.55		
15	256QAM	1	0	17.33	17.31	17.26	19	1
15	256QAM	1	37	17.25	17.15	17.36		
15	256QAM	1	74	17.43	17.58	17.28		
15	256QAM	36	0	17.35	17.39	17.36	19	1
15	256QAM	36	20	17.29	17.24	17.27		
15	256QAM	36	39	17.23	17.45	17.39		
15	256QAM	75	0	17.45	17.28	17.37		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.66	18.68	18.72	20	0
10	QPSK	1	25	18.56	18.68	18.61		
10	QPSK	1	49	18.48	18.48	18.69		
10	QPSK	25	0	18.67	18.68	18.46	20	0
10	QPSK	25	12	18.62	18.72	18.61		
10	QPSK	25	25	18.68	18.60	18.47		
10	QPSK	50	0	18.55	18.63	18.52		
10	16QAM	1	0	18.50	18.67	18.48	20	0
10	16QAM	1	25	18.37	18.70	18.60		
10	16QAM	1	49	18.60	18.55	18.54		
10	16QAM	25	0	18.53	18.59	18.55	20	0
10	16QAM	25	12	18.67	18.59	18.48		
10	16QAM	25	25	18.59	18.57	18.56		
10	16QAM	50	0	18.36	18.61	18.49		
10	64QAM	1	0	18.50	18.62	18.74	20	0
10	64QAM	1	25	18.52	18.72	18.58		
10	64QAM	1	49	18.53	18.66	18.68		
10	64QAM	25	0	18.57	18.69	18.46	20	0
10	64QAM	25	12	18.44	18.68	18.57		
10	64QAM	25	25	18.56	18.55	18.72		
10	64QAM	50	0	18.48	18.67	18.45		
10	256QAM	1	0	17.31	17.15	17.33	19	1
10	256QAM	1	25	17.45	17.23	17.39		
10	256QAM	1	49	17.26	17.48	17.34		
10	256QAM	25	0	17.41	17.53	17.19	19	1
10	256QAM	25	12	17.22	17.28	17.39		
10	256QAM	25	25	17.22	17.42	17.36		
10	256QAM	50	0	17.38	17.27	17.46		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.64	18.82	18.68	20	0
5	QPSK	1	12	18.49	18.65	18.57		
5	QPSK	1	24	18.62	18.58	18.74		
5	QPSK	12	0	18.68	18.72	18.60	20	0
5	QPSK	12	7	18.71	18.65	18.65		
5	QPSK	12	13	18.55	18.68	18.49		
5	QPSK	25	0	18.53	18.72	18.46		
5	16QAM	1	0	18.48	18.72	18.50	20	0
5	16QAM	1	12	18.49	18.75	18.69		
5	16QAM	1	24	18.47	18.52	18.49		
5	16QAM	12	0	18.40	18.71	18.58	20	0
5	16QAM	12	7	18.57	18.61	18.47		
5	16QAM	12	13	18.51	18.64	18.50		
5	16QAM	25	0	18.47	18.64	18.59		
5	64QAM	1	0	18.54	18.67	18.72	20	0
5	64QAM	1	12	18.49	18.64	18.69		
5	64QAM	1	24	18.58	18.67	18.69		
5	64QAM	12	0	18.51	18.77	18.48	20	0
5	64QAM	12	7	18.52	18.59	18.59		
5	64QAM	12	13	18.48	18.52	18.61		
5	64QAM	25	0	18.56	18.70	18.59		
5	256QAM	1	0	17.43	17.18	17.38	19	1
5	256QAM	1	12	17.23	17.26	17.37		
5	256QAM	1	24	17.35	17.60	17.26		
5	256QAM	12	0	17.31	17.47	17.26	19	1
5	256QAM	12	7	17.39	17.21	17.26		
5	256QAM	12	13	17.25	17.30	17.43		
5	256QAM	25	0	17.42	17.27	17.37		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.42	21.31	21.50	21.28	21.39	22.5	0
20	QPSK	1	49	21.38	21.30	21.34	21.17	21.26		
20	QPSK	1	99	21.35	21.22	21.31	21.23	21.22		
20	QPSK	50	0	21.32	21.23	21.39	21.11	21.38	22.5	0
20	QPSK	50	24	21.25	21.28	21.34	21.20	21.26		
20	QPSK	50	50	21.31	21.17	21.38	21.19	21.31		
20	QPSK	100	0	21.36	21.14	21.37	21.15	21.22		
20	16QAM	1	0	21.33	21.13	21.43	21.14	21.23	22.5	0
20	16QAM	1	49	21.26	21.14	21.46	21.20	21.35		
20	16QAM	1	99	21.25	21.12	21.47	21.14	21.28		
20	16QAM	50	0	20.87	20.83	20.92	20.51	20.83	22	0.5
20	16QAM	50	24	20.80	20.45	20.88	20.84	20.86		
20	16QAM	50	50	20.90	20.55	20.86	20.62	20.89		
20	16QAM	100	0	20.88	20.52	20.79	20.45	20.94		
20	64QAM	1	0	20.71	20.56	20.73	20.61	20.67	21	1.5
20	64QAM	1	49	20.71	20.67	20.69	20.71	20.72		
20	64QAM	1	99	20.49	20.58	20.63	20.53	20.66		
20	64QAM	50	0	19.55	19.30	19.54	19.38	19.54	21	1.5
20	64QAM	50	24	19.37	19.27	19.67	19.26	19.46		
20	64QAM	50	50	19.34	19.58	19.53	19.28	19.43		
20	64QAM	100	0	19.63	19.31	19.69	19.46	19.33		
20	256QAM	1	0	17.33	17.52	17.62	17.47	17.58	19	3.5
20	256QAM	1	49	17.57	17.50	17.48	17.57	17.64		
20	256QAM	1	99	17.45	17.51	17.66	17.53	17.69		
20	256QAM	50	0	17.49	17.59	17.59	17.51	17.52	19	3.5
20	256QAM	50	24	17.40	17.62	17.51	17.28	17.57		
20	256QAM	50	50	17.38	17.66	17.62	17.66	17.48		
20	256QAM	100	0	17.51	17.25	17.38	17.10	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	21.34	21.29	21.32	21.25	21.36	22.50	0
15	QPSK	1	37	21.33	21.21	21.28	21.14	21.07		
15	QPSK	1	74	21.27	21.15	21.25	21.21	21.12		
15	QPSK	36	0	21.24	21.20	21.34	20.94	21.28	22.5	0
15	QPSK	36	20	21.15	21.16	21.30	21.06	21.20		
15	QPSK	36	39	21.29	21.00	21.20	21.04	21.13		
15	QPSK	75	0	21.33	20.97	21.32	21.08	21.18		
15	16QAM	1	0	21.20	21.06	21.33	21.11	21.21	22.5	0
15	16QAM	1	37	21.16	21.08	21.45	21.06	21.28		
15	16QAM	1	74	21.14	21.07	21.33	21.03	21.13		
15	16QAM	36	0	20.77	20.66	20.75	20.34	20.68	22	0.5
15	16QAM	36	20	20.73	20.43	20.72	20.82	20.60		
15	16QAM	36	39	20.79	20.40	20.79	20.47	20.77		
15	16QAM	75	0	20.80	20.45	20.63	20.38	20.77		
15	64QAM	1	0	20.71	20.47	20.65	20.58	20.65	21	1.5
15	64QAM	1	37	20.70	20.58	20.53	20.69	20.62		
15	64QAM	1	74	20.33	20.55	20.62	20.45	20.48		
15	64QAM	36	0	19.47	19.28	19.42	19.33	19.54	21	1.5
15	64QAM	36	20	19.29	19.08	19.48	19.13	19.31		
15	64QAM	36	39	19.15	19.49	19.51	19.22	19.23		
15	64QAM	75	0	19.44	19.28	19.63	19.28	19.23		
15	256QAM	1	0	17.27	17.47	17.44	17.36	17.53	19	3.5
15	256QAM	1	37	17.53	17.42	17.43	17.44	17.50		
15	256QAM	1	74	17.32	17.42	17.63	17.38	17.56		
15	256QAM	36	0	17.34	17.58	17.48	17.40	17.52	19	3.5
15	256QAM	36	20	17.25	17.52	17.40	17.11	17.47		
15	256QAM	36	39	17.35	17.61	17.55	17.55	17.30		
15	256QAM	75	0	17.42	17.21	17.35	17.07	17.45		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.30	21.27	21.45	21.24	21.23	22.50	0
10	QPSK	1	25	21.35	21.18	21.17	21.07	21.22		
10	QPSK	1	49	21.19	21.12	21.21	21.14	21.09		
10	QPSK	25	0	21.15	21.14	21.29	20.93	21.29	22.5	0
10	QPSK	25	12	21.17	21.18	21.20	21.15	21.18		
10	QPSK	25	25	21.24	21.14	21.27	21.14	21.18		
10	QPSK	50	0	21.20	21.08	21.29	21.13	21.16		
10	16QAM	1	0	21.15	20.94	21.34	21.09	21.06	22.5	0
10	16QAM	1	25	21.18	20.95	21.38	21.13	21.23		
10	16QAM	1	49	21.22	20.95	21.30	20.98	21.26		
10	16QAM	25	0	20.82	20.76	20.84	20.41	20.81	22	0.5
10	16QAM	25	12	20.64	20.37	20.70	20.76	20.82		
10	16QAM	25	25	20.83	20.36	20.69	20.55	20.72		
10	16QAM	50	0	20.81	20.33	20.74	20.43	20.83		
10	64QAM	1	0	20.70	20.46	20.70	20.55	20.59	21	1.5
10	64QAM	1	25	20.63	20.50	20.60	20.62	20.63		
10	64QAM	1	49	20.48	20.55	20.59	20.41	20.59		
10	64QAM	25	0	19.38	19.23	19.49	19.20	19.39	21	1.5
10	64QAM	25	12	19.17	19.18	19.40	19.17	19.42		
10	64QAM	25	25	19.33	19.53	19.37	19.09	19.35		
10	64QAM	50	0	19.50	19.24	19.58	19.35	19.15		
10	256QAM	1	0	17.19	17.51	17.47	17.36	17.47	19	3.5
10	256QAM	1	25	17.53	17.49	17.42	17.43	17.57		
10	256QAM	1	49	17.40	17.46	17.59	17.52	17.50		
10	256QAM	25	0	17.42	17.54	17.56	17.32	17.45	19	3.5
10	256QAM	25	12	17.33	17.46	17.44	17.26	17.40		
10	256QAM	25	25	17.19	17.54	17.60	17.61	17.32		
10	256QAM	50	0	17.40	17.18	17.33	17.05	17.42		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.36	21.25	21.44	21.10	21.25	22.50	0
5	QPSK	1	12	21.23	21.26	21.21	21.13	21.18		
5	QPSK	1	24	21.19	21.05	21.27	21.19	21.18		
5	QPSK	12	0	21.14	21.08	21.21	21.06	21.29	22.5	0
5	QPSK	12	7	21.12	21.12	21.22	21.04	21.23		
5	QPSK	12	13	21.15	20.99	21.28	21.11	21.19		
5	QPSK	25	0	21.34	21.05	21.26	21.13	21.07		
5	16QAM	1	0	21.26	20.94	21.41	20.96	21.13	22.5	0
5	16QAM	1	12	21.15	20.97	21.34	21.14	21.17		
5	16QAM	1	24	21.15	21.10	21.33	21.01	21.12		
5	16QAM	12	0	20.76	20.74	20.81	20.47	20.66	22	0.5
5	16QAM	12	7	20.75	20.49	20.71	20.80	20.80		
5	16QAM	12	13	20.85	20.50	20.79	20.45	20.75		
5	16QAM	25	0	20.86	20.46	20.65	20.37	20.78		
5	64QAM	1	0	20.61	20.50	20.67	20.44	20.66	21	1.5
5	64QAM	1	12	20.60	20.63	20.62	20.54	20.70		
5	64QAM	1	24	20.31	20.41	20.57	20.44	20.51		
5	64QAM	12	0	19.46	19.18	19.40	19.37	19.53	21	1.5
5	64QAM	12	7	19.22	19.20	19.41	19.07	19.27		
5	64QAM	12	13	19.32	19.38	19.50	19.27	19.37		
5	64QAM	25	0	19.51	19.12	19.50	19.35	19.25		
5	256QAM	1	0	17.14	17.33	17.56	17.34	17.46	19	3.5
5	256QAM	1	12	17.53	17.48	17.37	17.42	17.56		
5	256QAM	1	24	17.30	17.32	17.63	17.39	17.56		
5	256QAM	12	0	17.40	17.53	17.51	17.31	17.48	19	3.5
5	256QAM	12	7	17.24	17.59	17.37	17.14	17.49		
5	256QAM	12	13	17.35	17.48	17.52	17.47	17.48		
5	256QAM	25	0	17.48	17.14	17.37	17.04	17.41		

Reduced Power Mode for Other PA ECI7

Band 4 Ant 0 Other PA

BW [MHz]	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	16.32	16.49	16.43	17.7	0
20	QPSK	1	49	16.36	16.36	16.25		
20	QPSK	1	99	16.27	16.38	16.30		
20	QPSK	50	0	16.27	16.42	16.29	17.7	0
20	QPSK	50	24	16.26	16.25	16.18		
20	QPSK	50	50	16.26	16.31	16.41		
20	QPSK	100	0	16.14	16.36	16.29		
20	16QAM	1	0	16.26	16.43	16.21	17.7	0
20	16QAM	1	49	16.24	16.32	16.38		
20	16QAM	1	99	16.34	16.35	16.25		
20	16QAM	50	0	16.29	16.37	16.40	17.7	0
20	16QAM	50	24	16.33	16.42	16.36		
20	16QAM	50	50	16.21	16.38	16.23		
20	16QAM	100	0	16.26	16.39	16.20		
20	64QAM	1	0	16.23	16.28	16.39	17.7	0
20	64QAM	1	49	16.24	16.24	16.26		
20	64QAM	1	99	16.19	16.39	16.25		
20	64QAM	50	0	16.26	16.19	16.25	17.7	0
20	64QAM	50	24	16.21	16.26	16.35		
20	64QAM	50	50	16.27	16.15	16.26		
20	64QAM	100	0	16.35	16.30	16.31		
20	256QAM	1	0	16.23	16.34	16.19	17.7	0
20	256QAM	1	49	16.17	16.31	16.21		
20	256QAM	1	99	16.22	16.31	16.30		
20	256QAM	50	0	16.32	16.16	16.22	17.7	0
20	256QAM	50	24	16.33	16.44	16.32		
20	256QAM	50	50	16.31	16.27	16.26		
20	256QAM	100	0	16.29	16.29	16.27		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.18	16.41	16.42	17.7	0
15	QPSK	1	37	16.20	16.29	16.10		
15	QPSK	1	74	16.14	16.33	16.12		
15	QPSK	36	0	16.12	16.29	16.25	17.7	0
15	QPSK	36	20	16.21	16.15	16.10		
15	QPSK	36	39	16.07	16.09	16.31		
15	QPSK	75	0	16.04	16.22	16.18		
15	16QAM	1	0	16.23	16.29	16.15	17.7	0
15	16QAM	1	37	16.09	16.28	16.23		
15	16QAM	1	74	16.30	16.30	16.08		
15	16QAM	36	0	16.14	16.29	16.31	17.7	0
15	16QAM	36	20	16.16	16.37	16.18		
15	16QAM	36	39	16.15	16.19	16.07		
15	16QAM	75	0	16.20	16.22	16.14		
15	64QAM	1	0	16.15	16.25	16.26	17.7	0
15	64QAM	1	37	16.09	16.12	16.23		
15	64QAM	1	74	16.05	16.24	16.12		
15	64QAM	36	0	16.08	16.17	16.09	17.7	0
15	64QAM	36	20	16.19	16.24	16.29		
15	64QAM	36	39	16.18	16.00	16.18		
15	64QAM	75	0	16.19	16.28	16.19		
15	256QAM	1	0	16.11	16.16	16.10	17.7	0
15	256QAM	1	37	16.09	16.30	16.07		
15	256QAM	1	74	16.17	16.12	16.26		
15	256QAM	36	0	16.30	16.13	16.18	17.7	0
15	256QAM	36	20	16.17	16.33	16.20		
15	256QAM	36	39	16.28	16.24	16.15		
15	256QAM	75	0	16.21	16.24	16.17		
Channel				20099	20175	20251	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.14	16.36	16.33	17.7	0
10	QPSK	1	25	16.31	16.31	16.22		
10	QPSK	1	49	16.10	16.27	16.11		
10	QPSK	25	0	16.23	16.37	16.22	17.7	0
10	QPSK	25	12	16.20	16.10	16.10		
10	QPSK	25	25	16.18	16.13	16.40		
10	QPSK	50	0	16.08	16.25	16.18	17.7	0
10	16QAM	1	0	16.23	16.33	16.14		
10	16QAM	1	25	16.19	16.30	16.22		
10	16QAM	1	49	16.29	16.23	16.23		
10	16QAM	25	0	16.26	16.35	16.37	17.7	0
10	16QAM	25	12	16.31	16.32	16.33		
10	16QAM	25	25	16.10	16.29	16.07		
10	16QAM	50	0	16.18	16.21	16.09	17.7	0
10	64QAM	1	0	16.08	16.16	16.36		
10	64QAM	1	25	16.18	16.18	16.16		
10	64QAM	1	49	16.09	16.28	16.08		
10	64QAM	25	0	16.22	16.02	16.15	17.7	0
10	64QAM	25	12	16.18	16.13	16.20		
10	64QAM	25	25	16.16	15.96	16.14		
10	64QAM	50	0	16.20	16.11	16.23		
10	256QAM	1	0	16.06	16.18	16.06	17.7	0
10	256QAM	1	25	16.04	16.28	16.06		
10	256QAM	1	49	16.11	16.21	16.26		
10	256QAM	25	0	16.20	16.09	16.10	17.7	0
10	256QAM	25	12	16.20	16.37	16.26		
10	256QAM	25	25	16.26	16.15	16.19		
10	256QAM	50	0	16.11	16.21	16.23		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.14	16.38	16.35	17.7	0
5	QPSK	1	12	16.19	16.24	16.16		
5	QPSK	1	24	16.12	16.35	16.17		
5	QPSK	12	0	16.13	16.24	16.25	17.7	0
5	QPSK	12	7	16.15	16.13	16.15		
5	QPSK	12	13	16.16	16.16	16.33		
5	QPSK	25	0	16.01	16.35	16.26		
5	16QAM	1	0	16.19	16.38	16.03	17.7	0
5	16QAM	1	12	16.13	16.18	16.36		
5	16QAM	1	24	16.15	16.32	16.20		
5	16QAM	12	0	16.24	16.27	16.24	17.7	0
5	16QAM	12	7	16.14	16.30	16.33		
5	16QAM	12	13	16.10	16.25	16.20		
5	16QAM	25	0	16.23	16.30	16.06		
5	64QAM	1	0	16.16	16.10	16.34	17.7	0
5	64QAM	1	12	16.14	16.17	16.20		
5	64QAM	1	24	16.16	16.23	16.16		
5	64QAM	12	0	16.25	16.01	16.20	17.7	0
5	64QAM	12	7	16.12	16.15	16.18		
5	64QAM	12	13	16.19	16.09	16.13		
5	64QAM	25	0	16.18	16.12	16.17	17.7	0
5	256QAM	1	0	16.12	16.21	16.05		
5	256QAM	1	12	16.15	16.23	16.15		
5	256QAM	1	24	16.13	16.17	16.13		
5	256QAM	12	0	16.30	15.99	16.13	17.7	0
5	256QAM	12	7	16.18	16.33	16.24		
5	256QAM	12	13	16.18	16.24	16.09		
5	256QAM	25	0	16.10	16.12	16.18		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.18	16.39	16.39	17.7	0
3	QPSK	1	8	16.32	16.18	16.16		
3	QPSK	1	14	16.14	16.30	16.21		
3	QPSK	8	0	16.13	16.34	16.11	17.7	0
3	QPSK	8	4	16.12	16.11	16.12		
3	QPSK	8	7	16.21	16.05	16.30		
3	QPSK	15	0	16.02	16.22	16.13		
3	16QAM	1	0	16.18	16.39	16.03	17.7	0
3	16QAM	1	8	16.13	16.29	16.35		
3	16QAM	1	14	16.30	16.29	16.21		
3	16QAM	8	0	16.26	16.27	16.34	17.7	0
3	16QAM	8	4	16.17	16.32	16.31		
3	16QAM	8	7	16.09	16.19	16.12		
3	16QAM	15	0	16.18	16.37	16.17		
3	64QAM	1	0	16.10	16.13	16.38	17.7	0
3	64QAM	1	8	16.21	16.17	16.07		
3	64QAM	1	14	16.01	16.37	16.24		
3	64QAM	8	0	16.13	16.08	16.14	17.7	0
3	64QAM	8	4	16.17	16.17	16.26		
3	64QAM	8	7	16.12	16.05	16.19		
3	64QAM	15	0	16.19	16.29	16.16		
3	256QAM	1	0	16.07	16.22	16.04	17.7	0
3	256QAM	1	8	16.13	16.27	16.13		
3	256QAM	1	14	16.17	16.23	16.23		
3	256QAM	8	0	16.26	16.05	16.16	17.7	0
3	256QAM	8	4	16.17	16.42	16.23		
3	256QAM	8	7	16.25	16.12	16.24		
3	256QAM	15	0	16.11	16.16	16.17		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.16	16.40	16.36	17.7	0
1.4	QPSK	1	3	16.31	16.29	16.12		
1.4	QPSK	1	5	16.23	16.30	16.18		
1.4	QPSK	3	0	16.16	16.36	16.20		
1.4	QPSK	3	1	16.07	16.21	16.04		
1.4	QPSK	3	3	16.14	16.06	16.36		
1.4	QPSK	6	0	16.12	16.21	16.20	17.7	0
1.4	16QAM	1	0	16.21	16.42	16.06	17.7	0
1.4	16QAM	1	3	16.11	16.28	16.25		
1.4	16QAM	1	5	16.15	16.17	16.12		
1.4	16QAM	3	0	16.13	16.34	16.34		
1.4	16QAM	3	1	16.21	16.34	16.29		
1.4	16QAM	3	3	16.08	16.29	16.09		
1.4	16QAM	6	0	16.11	16.25	16.14	17.7	0
1.4	64QAM	1	0	16.06	16.17	16.29	17.7	0
1.4	64QAM	1	3	16.19	16.07	16.10		
1.4	64QAM	1	5	16.17	16.25	16.11		
1.4	64QAM	3	0	16.23	16.06	16.20		
1.4	64QAM	3	1	16.14	16.22	16.31		
1.4	64QAM	3	3	16.13	16.02	16.24		
1.4	64QAM	6	0	16.20	16.22	16.26	17.7	0
1.4	256QAM	1	0	16.13	16.21	16.16	17.7	0
1.4	256QAM	1	3	16.12	16.21	16.03		
1.4	256QAM	1	5	16.21	16.21	16.28		
1.4	256QAM	3	0	16.19	16.04	16.19		
1.4	256QAM	3	1	16.16	16.34	16.22		
1.4	256QAM	3	3	16.24	16.22	16.08		
1.4	256QAM	6	0	16.26	16.23	16.10	17.7	0

Band 7 Ant 0 Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.62	16.74	16.69	18	0
20	QPSK	1	49	16.50	16.60	16.55		
20	QPSK	1	99	16.59	16.71	16.53		
20	QPSK	50	0	16.49	16.73	16.56	18	0
20	QPSK	50	24	16.47	16.71	16.58		
20	QPSK	50	50	16.44	16.62	16.67		
20	QPSK	100	0	16.58	16.66	16.60		
20	16QAM	1	0	16.50	16.64	16.57	18	0
20	16QAM	1	49	16.59	16.62	16.51		
20	16QAM	1	99	16.55	16.59	16.62		
20	16QAM	50	0	16.43	16.60	16.67	18	0
20	16QAM	50	24	16.48	16.56	16.61		
20	16QAM	50	50	16.52	16.61	16.67		
20	16QAM	100	0	16.61	16.64	16.66		
20	64QAM	1	0	16.50	16.71	16.54	18	0
20	64QAM	1	49	16.58	16.57	16.67		
20	64QAM	1	99	16.44	16.56	16.51		
20	64QAM	50	0	16.61	16.64	16.66	18	0
20	64QAM	50	24	16.47	16.73	16.52		
20	64QAM	50	50	16.52	16.69	16.62		
20	64QAM	100	0	16.50	16.61	16.63		
20	256QAM	1	0	16.50	16.58	16.59	18	0
20	256QAM	1	49	16.49	16.59	16.64		
20	256QAM	1	99	16.45	16.71	16.54		
20	256QAM	50	0	16.55	16.69	16.55	18	0
20	256QAM	50	24	16.60	16.60	16.51		
20	256QAM	50	50	16.48	16.72	16.62		
20	256QAM	100	0	16.51	16.67	16.55		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.51	16.64	16.55	18	0
15	QPSK	1	37	16.49	16.56	16.45		
15	QPSK	1	74	16.49	16.61	16.50		
15	QPSK	36	0	16.47	16.62	16.38	18	0
15	QPSK	36	20	16.42	16.59	16.56		
15	QPSK	36	39	16.42	16.56	16.61		
15	QPSK	75	0	16.56	16.63	16.51		
15	16QAM	1	0	16.35	16.47	16.52	18	0
15	16QAM	1	37	16.53	16.51	16.39		
15	16QAM	1	74	16.42	16.52	16.43		
15	16QAM	36	0	16.32	16.54	16.54	18	0
15	16QAM	36	20	16.32	16.42	16.46		
15	16QAM	36	39	16.38	16.45	16.51		
15	16QAM	75	0	16.55	16.61	16.54		
15	64QAM	1	0	16.47	16.59	16.35	18	0
15	64QAM	1	37	16.40	16.49	16.53		
15	64QAM	1	74	16.41	16.38	16.49		
15	64QAM	36	0	16.40	16.51	16.58	18	0
15	64QAM	36	20	16.42	16.64	16.37		
15	64QAM	36	39	16.49	16.54	16.56		
15	64QAM	75	0	16.39	16.46	16.53		
15	256QAM	1	0	16.47	16.43	16.58	18	0
15	256QAM	1	37	16.45	16.45	16.54		
15	256QAM	1	74	16.29	16.57	16.42		
15	256QAM	36	0	16.37	16.56	16.50	18	0
15	256QAM	36	20	16.46	16.47	16.37		
15	256QAM	36	39	16.33	16.57	16.52		
15	256QAM	75	0	16.46	16.60	16.41		
Channel				20900	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.45	16.56	16.67	18	0
10	QPSK	1	25	16.42	16.54	16.48		
10	QPSK	1	49	16.40	16.69	16.42		
10	QPSK	25	0	16.31	16.65	16.51	18	0
10	QPSK	25	12	16.45	16.56	16.48		
10	QPSK	25	25	16.41	16.56	16.64		
10	QPSK	50	0	16.48	16.63	16.45	18	0
10	16QAM	1	0	16.44	16.55	16.53		
10	16QAM	1	25	16.54	16.51	16.45		
10	16QAM	1	49	16.53	16.55	16.49		
10	16QAM	25	0	16.31	16.49	16.54	18	0
10	16QAM	25	12	16.37	16.48	16.44		
10	16QAM	25	25	16.44	16.46	16.63		
10	16QAM	50	0	16.50	16.52	16.51	18	0
10	64QAM	1	0	16.36	16.63	16.38		
10	64QAM	1	25	16.44	16.48	16.59		
10	64QAM	1	49	16.38	16.41	16.38		
10	64QAM	25	0	16.43	16.51	16.55	18	0
10	64QAM	25	12	16.32	16.56	16.35		
10	64QAM	25	25	16.47	16.51	16.55		
10	64QAM	50	0	16.47	16.43	16.48	18	0
10	256QAM	1	0	16.49	16.42	16.56		
10	256QAM	1	25	16.36	16.52	16.51		
10	256QAM	1	49	16.43	16.54	16.52		
10	256QAM	25	0	16.43	16.41	16.42	18	0
10	256QAM	25	12	16.57	16.42	16.43		
10	256QAM	25	25	16.29	16.67	16.51		
10	256QAM	50	0	16.33	16.55	16.52		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.49	16.60	16.66	18	0
5	QPSK	1	12	16.31	16.45	16.42		
5	QPSK	1	24	16.47	16.69	16.49		
5	QPSK	12	0	16.36	16.67	16.52	18	0
5	QPSK	12	7	16.31	16.60	16.47		
5	QPSK	12	13	16.34	16.45	16.64		
5	QPSK	25	0	16.40	16.58	16.52		
5	16QAM	1	0	16.39	16.54	16.55	18	0
5	16QAM	1	12	16.54	16.57	16.42		
5	16QAM	1	24	16.44	16.46	16.45		
5	16QAM	12	0	16.38	16.51	16.55	18	0
5	16QAM	12	7	16.30	16.45	16.59		
5	16QAM	12	13	16.49	16.60	16.62		
5	16QAM	25	0	16.58	16.57	16.58	18	0
5	64QAM	1	0	16.45	16.62	16.42		
5	64QAM	1	12	16.42	16.59	16.59		
5	64QAM	1	24	16.28	16.48	16.48		
5	64QAM	12	0	16.40	16.40	16.58	18	0
5	64QAM	12	7	16.32	16.60	16.42		
5	64QAM	12	13	16.35	16.68	16.49		
5	64QAM	25	0	16.35	16.52	16.57		
5	256QAM	1	0	16.41	16.40	16.50	18	0
5	256QAM	1	12	16.42	16.52	16.57		
5	256QAM	1	24	16.38	16.54	16.35		
5	256QAM	12	0	16.39	16.55	16.45	18	0
5	256QAM	12	7	16.53	16.42	16.39		
5	256QAM	12	13	16.44	16.62	16.53		
5	256QAM	25	0	16.34	16.59	16.49		

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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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.46	16.52	16.49	17.7	0
20	QPSK	1	49	16.40	16.47	16.37		
20	QPSK	1	99	16.41	16.48	16.36		
20	QPSK	50	0	16.38	16.47	16.41	17.7	0
20	QPSK	50	24	16.32	16.35	16.34		
20	QPSK	50	50	16.41	16.34	16.45		
20	QPSK	100	0	16.30	16.41	16.37		
20	16QAM	1	0	16.44	16.45	16.38	17.7	0
20	16QAM	1	49	16.36	16.47	16.41		
20	16QAM	1	99	16.44	16.45	16.44		
20	16QAM	50	0	16.33	16.42	16.44	17.7	0
20	16QAM	50	24	16.37	16.47	16.40		
20	16QAM	50	50	16.38	16.44	16.35		
20	16QAM	100	0	16.35	16.49	16.39		
20	64QAM	1	0	16.33	16.34	16.40	17.7	0
20	64QAM	1	49	16.30	16.33	16.39		
20	64QAM	1	99	16.28	16.42	16.41		
20	64QAM	50	0	16.44	16.36	16.41	17.7	0
20	64QAM	50	24	16.36	16.37	16.47		
20	64QAM	50	50	16.39	16.34	16.43		
20	64QAM	100	0	16.45	16.47	16.39		
20	256QAM	1	0	16.33	16.37	16.34	17.7	0
20	256QAM	1	49	16.31	16.48	16.38		
20	256QAM	1	99	16.33	16.35	16.45		
20	256QAM	50	0	16.36	16.34	16.40	17.7	0
20	256QAM	50	24	16.37	16.48	16.35		
20	256QAM	50	50	16.35	16.33	16.32		
20	256QAM	100	0	16.43	16.44	16.34		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.35	16.46	16.34	17.7	0
15	QPSK	1	37	16.21	16.36	16.23		
15	QPSK	1	74	16.34	16.30	16.23		
15	QPSK	36	0	16.36	16.43	16.38	17.7	0
15	QPSK	36	20	16.14	16.28	16.24		
15	QPSK	36	39	16.24	16.19	16.28		
15	QPSK	75	0	16.24	16.34	16.29		
15	16QAM	1	0	16.38	16.40	16.24	17.7	0
15	16QAM	1	37	16.33	16.35	16.36		
15	16QAM	1	74	16.30	16.30	16.42		
15	16QAM	36	0	16.17	16.23	16.36	17.7	0
15	16QAM	36	20	16.21	16.39	16.32		
15	16QAM	36	39	16.20	16.36	16.21		
15	16QAM	75	0	16.30	16.34	16.37		
15	64QAM	1	0	16.25	16.29	16.24	17.7	0
15	64QAM	1	37	16.27	16.29	16.30		
15	64QAM	1	74	16.13	16.37	16.29		
15	64QAM	36	0	16.41	16.33	16.29	17.7	0
15	64QAM	36	20	16.21	16.23	16.45		
15	64QAM	36	39	16.29	16.22	16.24		
15	64QAM	75	0	16.40	16.44	16.24		
15	256QAM	1	0	16.16	16.23	16.26	17.7	0
15	256QAM	1	37	16.16	16.33	16.27		
15	256QAM	1	74	16.26	16.29	16.43		
15	256QAM	36	0	16.27	16.26	16.29	17.7	0
15	256QAM	36	20	16.20	16.32	16.29		
15	256QAM	36	39	16.23	16.17	16.20		
15	256QAM	75	0	16.35	16.36	16.18		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.39	16.49	16.46	17.7	0
10	QPSK	1	25	16.30	16.35	16.34		
10	QPSK	1	49	16.30	16.36	16.30		
10	QPSK	25	0	16.28	16.38	16.25	17.7	0
10	QPSK	25	12	16.29	16.22	16.18		
10	QPSK	25	25	16.25	16.28	16.41		
10	QPSK	50	0	16.17	16.36	16.34	17.7	0
10	16QAM	1	0	16.36	16.42	16.30		
10	16QAM	1	25	16.26	16.34	16.33		
10	16QAM	1	49	16.28	16.43	16.29		
10	16QAM	25	0	16.15	16.28	16.35	17.7	0
10	16QAM	25	12	16.35

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.59	16.68	16.57	17.5	0
20	QPSK	1	49	16.42	16.53	16.41		
20	QPSK	1	99	16.46	16.63	16.49		
20	QPSK	50	0	16.48	16.66	16.41	17.5	0
20	QPSK	50	24	16.41	16.62	16.43		
20	QPSK	50	50	16.53	16.56	16.48		
20	QPSK	100	0	16.43	16.65	16.39		
20	16QAM	1	0	16.50	16.66	16.53	17.5	0
20	16QAM	1	49	16.47	16.58	16.47		
20	16QAM	1	99	16.48	16.53	16.54		
20	16QAM	50	0	16.44	16.54	16.49	17.5	0
20	16QAM	50	24	16.40	16.66	16.51		
20	16QAM	50	50	16.52	16.67	16.41		
20	16QAM	100	0	16.42	16.59	16.48		
20	64QAM	1	0	16.48	16.65	16.54	17.5	0
20	64QAM	1	49	16.55	16.51	16.47		
20	64QAM	1	99	16.46	16.54	16.46		
20	64QAM	50	0	16.54	16.55	16.47	17.5	0
20	64QAM	50	24	16.45	16.52	16.42		
20	64QAM	50	50	16.44	16.65	16.44		
20	64QAM	100	0	16.53	16.56	16.48		
20	256QAM	1	0	16.41	16.52	16.50	17.5	0
20	256QAM	1	49	16.47	16.55	16.48		
20	256QAM	1	99	16.46	16.64	16.45		
20	256QAM	50	0	16.55	16.58	16.49	17.5	0
20	256QAM	50	24	16.52	16.66	16.56		
20	256QAM	50	50	16.49	16.61	16.48		
20	256QAM	100	0	16.42	16.59	16.48		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.46	16.50	16.54	17.5	0
15	QPSK	1	37	16.28	16.42	16.28		
15	QPSK	1	74	16.37	16.49	16.38		
15	QPSK	36	0	16.37	16.65	16.27	17.5	0
15	QPSK	36	20	16.27	16.56	16.38		
15	QPSK	36	39	16.38	16.41	16.29		
15	QPSK	75	0	16.41	16.49	16.28		
15	16QAM	1	0	16.33	16.60	16.48	17.5	0
15	16QAM	1	37	16.33	16.45	16.45		
15	16QAM	1	74	16.34	16.47	16.47		
15	16QAM	36	0	16.40	16.41	16.42	17.5	0
15	16QAM	36	20	16.36	16.60	16.48		
15	16QAM	36	39	16.34	16.65	16.35		
15	16QAM	75	0	16.35	16.57	16.39		
15	64QAM	1	0	16.34	16.61	16.48	17.5	0
15	64QAM	1	37	16.54	16.41	16.31		
15	64QAM	1	74	16.33	16.46	16.38		
15	64QAM	36	0	16.50	16.53	16.32	17.5	0
15	64QAM	36	20	16.38	16.40	16.29		
15	64QAM	36	39	16.33	16.61	16.42		
15	64QAM	75	0	16.52	16.46	16.47		
15	256QAM	1	0	16.32	16.43	16.35	17.5	0
15	256QAM	1	37	16.32	16.47	16.40		
15	256QAM	1	74	16.30	16.52	16.32		
15	256QAM	36	0	16.50	16.42	16.38	17.5	0
15	256QAM	36	20	16.47	16.61	16.54		
15	256QAM	36	39	16.43	16.45	16.31		
15	256QAM	75	0	16.35	16.51	16.36		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.53	16.57	16.54	17.5	0
10	QPSK	1	25	16.31	16.35	16.23		
10	QPSK	1	49	16.40	16.52	16.48		
10	QPSK	25	0	16.32	16.63	16.27	17.5	0
10	QPSK	25	12	16.38	16.47	16.41		
10	QPSK	25	25	16.38	16.43	16.40		
10	QPSK	50	0	16.27	16.62	16.25		
10	16QAM	1	0	16.35	16.64	16.34	17.5	0
10	16QAM	1	25	16.44	16.50	16.29		
10	16QAM	1	49	16.30	16.45	16.50		
10	16QAM	25	0	16.38	16.44	16.38	17.5	0
10	16QAM	25	12	16.27	16.56	16.47		
10	16QAM	25	25	16.45	16.52	16.33		
10	16QAM	50	0	16.34	16.57	16.40		
10	64QAM	1	0	16.46	16.50	16.45	17.5	0
10	64QAM	1	25	16.49	16.39	16.44		
10	64QAM	1	49	16.27	16.40	16.40		
10	64QAM	25	0	16.44	16.38	16.43	17.5	0
10	64QAM	25	12	16.42	16.37	16.40		
10	64QAM	25	25	16.31	16.64	16.32		
10	64QAM	50	0	16.36	16.54	16.29		
10	256QAM	1	0	16.23	16.35	16.42	17.5	0
10	256QAM	1	25	16.37	16.37	16.42		
10	256QAM	1	49	16.37	16.48	16.42		
10	256QAM	25	0	16.49	16.50	16.45	17.5	0
10	256QAM	25	12	16.38	16.56	16.51		
10	256QAM	25	25	16.47	16.49	16.46		
10	256QAM	50	0	16.40	16.41	16.38		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.48	16.62	16.39	17.5	0
5	QPSK	1	12	16.37	16.49	16.25		
5	QPSK	1	24	16.43	16.46	16.38		
5	QPSK	12	0	16.41	16.60	16.36	17.5	0
5	QPSK	12	7	16.36	16.60	16.36		
5	QPSK	12	13	16.41	16.47	16.38		
5	QPSK	25	0	16.32	16.54	16.38		
5	16QAM	1	0	16.38	16.58	16.39	17.5	0
5	16QAM	1	12	16.40	16.52	16.36		
5	16QAM	1	24	16.34	16.39	16.42		
5	16QAM	12	0	16.41	16.49	16.46	17.5	0
5	16QAM	12	7	16.39	16.63	16.34		
5	16QAM	12	13	16.35	16.53	16.34		
5	16QAM	25	0	16.28	16.48	16.46		
5	64QAM	1	0	16.45	16.47	16.45	17.5	0
5	64QAM	1	12	16.42	16.47	16.37		
5	64QAM	1	24	16.27	16.50	16.41		
5	64QAM	12	0	16.45	16.38	16.39	17.5	0
5	64QAM	12	7	16.41	16.47	16.35		
5	64QAM	12	13	16.27	16.58	16.36		
5	64QAM	25	0	16.41	16.53	16.43		
5	256QAM	1	0	16.30	16.34	16.41	17.5	0
5	256QAM	1	12	16.30	16.50	16.46		
5	256QAM	1	24	16.45	16.52	16.38		
5	256QAM	12	0	16.48	16.51	16.48	17.5	0
5	256QAM	12	7	16.51	16.60	16.53		
5	256QAM	12	13	16.33	16.52	16.29		
5	256QAM	25	0	16.24	16.41	16.45		

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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	17.92	17.98	18.09	17.88	17.92	19	0
20	QPSK	1	49	17.73	17.80	18.01	17.82	17.84		
20	QPSK	1	99	17.86	17.84	18.01	17.78	17.76		
20	QPSK	50	0	17.84	17.92	18.05	17.83	17.81	19	0
20	QPSK	50	24	17.89	17.83	17.99	17.80	17.87		
20	QPSK	50	50	17.76	17.94	17.93	17.76	17.91		
20	QPSK	100	0	17.78	17.81	18.03	17.70	17.82		
20	16QAM	1	0	17.89	17.90	17.95	17.83	17.78	19	0
20	16QAM	1	49	17.73	17.84	17.94	17.70	17.73		
20	16QAM	1	99	17.74	17.96	18.04	17.78	17.75		
20	16QAM	50	0	17.76	17.82	18.03	17.76	17.82	19	0
20	16QAM	50	24	17.89	17.83	18.04	17.72	17.88		
20	16QAM	50	50	17.83	17.95	18.06	17.85	17.80		
20	16QAM	100	0	17.89	17.94	18.01	17.83	17.77		
20	64QAM	1	0	17.81	17.80	18.07	17.84	17.81	19	0
20	64QAM	1	49	17.77	17.85	17.94	17.83	17.86		
20	64QAM	1	99	17.85	17.92	17.91	17.73	17.75		
20	64QAM	50	0	17.89	17.95	17.97	17.82	17.74	19	0
20	64QAM	50	24	17.82	17.83	18.00	17.69	17.80		
20	64QAM	50	50	17.87	17.80	17.93	17.80	17.83		
20	64QAM	100	0	17.77	17.79	17.90	17.79	17.89		
20	256QAM	1	0	16.82	16.76	16.82	16.76	16.79	18	1
20	256QAM	1	49	16.58	16.58	16.60	16.46	16.58		
20	256QAM	1	99	16.63	16.49	16.70	16.49	16.55		
20	256QAM	50	0	16.42	16.57	16.63	16.62	16.53	18	1
20	256QAM	50	24	16.61	16.62	16.77	16.70	16.63		
20	256QAM	50	50	16.48	16.48	16.53	16.49	16.44		
20	256QAM	100	0	16.53	16.50	16.66	16.63	16.66		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.83	17.90	17.95	17.80	17.77	19.00	0
15	QPSK	1	37	17.70	17.61	17.96	17.80	17.69		
15	QPSK	1	74	17.76	17.83	17.88	17.60	17.67		
15	QPSK	36	0	17.73	17.74	17.86	17.73	17.79	19	0
15	QPSK	36	20	17.88	17.67	17.87	17.69	17.83		
15	QPSK	36	39	17.68	17.89	17.90	17.60	17.81		
15	QPSK	75	0	17.59	17.65	18.01	17.62	17.67		
15	16QAM	1	0	17.78	17.75	17.93	17.74	17.76	19	0
15	16QAM	1	37	17.61	17.72	17.79	17.58	17.64		
15	16QAM	1	74	17.68	17.87	18.01	17.75	17.64		
15	16QAM	36	0	17.63	17.68	17.93	17.72	17.65	19	0
15	16QAM	36	20	17.82	17.76	18.02	17.70	17.80		
15	16QAM	36	39	17.80	17.92	17.99	17.74	17.74		
15	16QAM	75	0	17.81	17.79	17.97	17.82	17.59		
15	64QAM	1	0	17.67	17.65	17.97	17.72	17.77	19	0
15	64QAM	1	37	17.67	17.67	17.92	17.74	17.70		
15	64QAM	1	74	17.76	17.74	17.76	17.70	17.63		
15	64QAM	36	0	17.81	17.89	17.94	17.70	17.60	19	0
15	64QAM	36	20	17.67	17.77	17.82	17.56	17.65		
15	64QAM	36	39	17.83	17.79	17.74	17.63	17.75		
15	64QAM	75	0	17.61	17.66	17.84	17.72	17.87		
15	256QAM	1	0	16.82	16.69	16.69	16.63	16.71	18	1
15	256QAM	1	37	16.42	16.55	16.43	16.37	16.47		
15	256QAM	1	74	16.44	16.32	16.69	16.37	16.47		
15	256QAM	36	0	16.33	16.56	16.49	16.48	16.33	18	1
15	256QAM	36	20	16.58	16.61	16.66	16.59	16.47		
15	256QAM	36	39	16.26	16.44	16.44	16.27	16.32		
15	256QAM	75	0	16.48	16.39	16.52	16.55	16.53		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.79	17.95	18.06	17.85	17.85	19.00	0
10	QPSK	1	25	17.63	17.66	17.83	17.71	17.67		
10	QPSK	1	49	17.82	17.69	17.95	17.68	17.63		
10	QPSK	25	0	17.68	17.78	17.91	17.66	17.80	19	0
10	QPSK	25	12	17.85	17.78	17.92	17.73	17.68		
10	QPSK	25	25	17.71	17.91	17.92	17.58	17.89		
10	QPSK	50	0	17.62	17.78	18.01	17.51	17.77		
10	16QAM	1	0	17.84	17.81	17.89	17.78	17.72	19	0
10	16QAM	1	25	17.57	17.74	17.83	17.63	17.59		
10	16QAM	1	49	17.70	17.78	17.87	17.65	17.65		
10	16QAM	25	0	17.75	17.69	17.91	17.62	17.64	19	0
10	16QAM	25	12	17.79	17.70	17.90	17.68	17.74		
10	16QAM	25	25	17.82	17.90	17.90	17.76	17.74		
10	16QAM	50	0	17.81	17.77	18.00	17.82	17.61		
10	64QAM	1	0	17.69	17.66	17.94	17.74	17.76	19	0
10	64QAM	1	25	17.71	17.75	17.91	17.73	17.69		
10	64QAM	1	49	17.68	17.82	17.80	17.57	17.70		
10	64QAM	25	0	17.86	17.93	17.95	17.80	17.66	19	0
10	64QAM	25	12	17.80	17.68	17.83	17.67	17.69		
10	64QAM	25	25	17.82	17.77	17.85	17.74	17.80		
10	64QAM	50	0	17.61	17.65	17.88	17.68	17.76		
10	256QAM	1	0	16.61	16.54	16.80	16.76	16.70	18	1
10	256QAM	1	25	16.39	16.48	16.44	16.35	16.50		
10	256QAM	1	49	16.63	16.41	16.54	16.48	16.51		
10	256QAM	25	0	16.44	16.49	16.61	16.63	16.39	18	1
10	256QAM	25	12	16.61	16.51	16.64	16.62	16.43		
10	256QAM	25	25	16.32	16.31	16.37	16.34	16.25		
10	256QAM	50	0	16.41	16.36	16.56	16.63	16.67		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.87	17.84	18.05	17.84	17.82	19.00	0
5	QPSK	1	12	17.56	17.77	17.94	17.68	17.76		
5	QPSK	1	24	17.85	17.76	17.92	17.62	17.64		
5	QPSK	12	0	17.80	17.90	17.90	17.74	17.77	19	0
5	QPSK	12	7	17.74	17.72	17.94	17.61	17.70		
5	QPSK	12	13	17.68	17.76	17.90	17.74	17.87		
5	QPSK	25	0	17.61	17.79	17.86	17.67	17.67		
5	16QAM	1	0	17.77	17.77	17.90	17.67	17.77	19	0
5	16QAM	1	12	17.68	17.74	17.84	17.66	17.63		
5	16QAM	1	24	17.58	17.83	17.87	17.64	17.58		
5	16QAM	12	0	17.67	17.79	17.90	17.59	17.69	19	0
5	16QAM	12	7	17.74	17.67	17.87	17.54	17.78		
5	16QAM	12	13	17.74	17.77	17.90	17.80	17.73		
5	16QAM	25	0	17.78	17.75	17.94	17.65	17.60		
5	64QAM	1	0	17.68	17.67	18.04	17.74	17.64	19	0
5	64QAM	1	12	17.59	17.67	17.92	17.80	17.82		
5	64QAM	1	24	17.69	17.75	17.77	17.71	17.73		
5	64QAM	12	0	17.74	17.77	17.87	17.80	17.64	19	0
5	64QAM	12	7	17.69	17.66	17.86	17.62	17.76		
5	64QAM	12	13	17.79	17.77	17.76	17.63	17.78		
5	64QAM	25	0	17.75	17.67	17.83	17.71	17.74		
5	256QAM	1	0	16.81	16.63	16.71	16.75	16.57	18	1
5	256QAM	1	12	16.47	16.44	16.53	16.44	16.44		
5	256QAM	1	24	16.44	16.44	16.57	16.39	16.52		
5	256QAM	12	0	16.25	16.52	16.48	16.48	16.39	18	1
5	256QAM	12	7	16.52	16.57	16.57	16.50	16.62		
5	256QAM	12	13	16.46	16.45	16.40	16.44	16.31		
5	256QAM	25	0	16.35	16.31	16.64	16.51	16.51		

Band 4 Ant 1 Other PA

BW [MHz]	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	13.73	13.89	13.81		
20	QPSK	1	49	13.69	13.77	13.78	15.2	0
20	QPSK	1	99	13.77	13.79	13.80		
20	QPSK	50	0	13.67	13.74	13.70		
20	QPSK	50	24	13.61	13.73	13.70	15.2	0
20	QPSK	50	50	13.66	13.73	13.68		
20	QPSK	100	0	13.66	13.75	13.60		
20	16QAM	1	0	13.57	13.84	13.76		
20	16QAM	1	49	13.74	13.79	13.78	15.2	0
20	16QAM	1	99	13.65	13.86	13.86		
20	16QAM	50	0	13.60	13.84	13.75		
20	16QAM	50	24	13.55	13.73	13.66	15.2	0
20	16QAM	50	50	13.66	13.76	13.79		
20	16QAM	100	0	13.67	13.81	13.69		
20	64QAM	1	0	13.62	13.69	13.63		
20	64QAM	1	49	13.57	13.79	13.77	15.2	0
20	64QAM	1	99	13.70	13.67	13.72		
20	64QAM	50	0	13.57	13.65	13.75		
20	64QAM	50	24	13.55	13.77	13.77	15.2	0
20	64QAM	50	50	13.75	13.82	13.75		
20	64QAM	100	0	13.64	13.75	13.80		
20	256QAM	1	0	13.68	13.60	13.84		
20	256QAM	1	49	13.62	13.60	13.76	15.2	0
20	256QAM	1	99	13.63	13.79	13.72		
20	256QAM	50	0	13.65	13.68	13.70		
20	256QAM	50	24	13.63	13.74	13.59	15.2	0
20	256QAM	50	50	13.52	13.73	13.63		
20	256QAM	100	0	13.73	13.67	13.85		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	13.62	13.79	13.65		
15	QPSK	1	37	13.52	13.70	13.62	15.2	0
15	QPSK	1	74	13.65	13.65	13.65		
15	QPSK	36	0	13.54	13.64	13.57		
15	QPSK	36	20	13.51	13.69	13.58	15.2	0
15	QPSK	36	39	13.64	13.72	13.58		
15	QPSK	75	0	13.47	13.69	13.43		
15	16QAM	1	0	13.44	13.71	13.62		
15	16QAM	1	37	13.59	13.70	13.70	15.2	0
15	16QAM	1	74	13.60	13.78	13.67		
15	16QAM	36	0	13.58	13.79	13.73		
15	16QAM	36	20	13.52	13.60	13.55	15.2	0
15	16QAM	36	39	13.52	13.66	13.65		
15	16QAM	75	0	13.65	13.73	13.60		
15	64QAM	1	0	13.53	13.65	13.54		
15	64QAM	1	37	13.51	13.76	13.68	15.2	0
15	64QAM	1	74	13.52	13.64	13.63		
15	64QAM	36	0	13.48	13.49	13.73		
15	64QAM	36	20	13.48	13.59	13.65	15.2	0
15	64QAM	36	39	13.57	13.69	13.71		
15	64QAM	75	0	13.56	13.62	13.72		
15	256QAM	1	0	13.53	13.48	13.65		
15	256QAM	1	37	13.43	13.46	13.72	15.2	0
15	256QAM	1	74	13.47	13.88	13.58		
15	256QAM	36	0	13.52	13.60	13.63		
15	256QAM	36	20	13.53	13.70	13.49	15.2	0
15	256QAM	36	39	13.48	13.55	13.55		
15	256QAM	75	0	13.62	13.50	13.81		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	13.55	13.84	13.72		
10	QPSK	1	25	13.64	13.71	13.65	15.2	0
10	QPSK	1	49	13.70	13.73	13.72		
10	QPSK	25	0	13.53	13.56	13.68		
10	QPSK	25	12	13.56	13.64	13.64	15.2	0
10	QPSK	25	25	13.53	13.71	13.51		
10	QPSK	50	0	13.63	13.61	13.49		
10	16QAM	1	0	13.47	13.70	13.60		
10	16QAM	1	25	13.63	13.73	13.62	15.2	0
10	16QAM	1	49	13.64	13.78	13.74		
10	16QAM	25	0	13.45	13.75	13.72		
10	16QAM	25	12	13.38	13.69	13.55	15.2	0
10	16QAM	25	25	13.58	13.66	13.60		
10	16QAM	50	0	13.50	13.69	13.62		
10	64QAM	1	0	13.45	13.63	13.46		
10	64QAM	1	25	13.42	13.86	13.68	15.2	0
10	64QAM	1	49	13.67	13.60	13.63		
10	64QAM	25	0	13.46	13.56	13.66		
10	64QAM	25	12	13.41	13.69	13.65	15.2	0
10	64QAM	25	25	13.60	13.74	13.64		
10	64QAM	50	0	13.62	13.66	13.78		
10	256QAM	1	0	13.60	13.48	13.80		
10	256QAM	1	25	13.58	13.45	13.64	15.2	0
10	256QAM	1	49	13.59	13.76	13.56		
10	256QAM	25	0	13.56	13.54	13.63		
10	256QAM	25	12	13.62	13.83	13.55	15.2	0
10	256QAM	25	25	13.38	13.57	13.52		
10	256QAM	50	0	13.59	13.53	13.76		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	13.56	13.79	13.74		
5	QPSK	1	12	13.61	13.73	13.60	15.2	0
5	QPSK	1	24	13.60	13.67	13.69		
5	QPSK	12	0	13.62	13.67	13.57		
5	QPSK	12	7	13.60	13.57	13.54	15.2	0
5	QPSK	12	13	13.53	13.54	13.50		
5	QPSK	25	0	13.58	13.62	13.45		
5	16QAM	1	0	13.56	13.79	13.65		
5	16QAM	1	12	13.72	13.77	13.66	15.2	0
5	16QAM	1	24	13.49	13.80	13.72		
5	16QAM	12	0	13.51	13.76	13.67		
5	16QAM	12	7	13.46	13.59	13.63	15.2	0
5	16QAM	12	13	13.58	13.63	13.69		
5	16QAM	25	0	13.54	13.71	13.57		
5	64QAM	1	0	13.44	13.59	13.58		
5	64QAM	1	12	13.53	13.81	13.75	15.2	0
5	64QAM	1	24	13.55	13.52	13.70		
5	64QAM	12	0	13.46	13.62	13.65		
5	64QAM	12	7	13.45	13.67	13.74	15.2	0
5	64QAM	12	13	13.56	13.76	13.72		
5	64QAM	25	0	13.54	13.73	13.70		
5	256QAM	1	0	13.50	13.43	13.76		
5	256QAM	1	12	13.55	13.41	13.65	15.2	0
5	256QAM	1	24	13.49	13.72	13.57		
5	256QAM	12	0	13.55	13.54	13.54		
5	256QAM	12	7	13.53	13.69	13.51	15.2	0
5	256QAM	12	13	13.36	13.67	13.58		
5	256QAM	25	0	13.57	13.65	13.78		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	13.60	13.79	13.64		
3	QPSK	1	8	13.64	13.62	13.64	15.2	0
3	QPSK	1	14	13.66	13.61	13.66		
3	QPSK	8	0	13.58	13.69	13.57		
3	QPSK	8	4	13.47	13.58	13.63	15.2	0
3	QPSK	8	7	13.52	13.67	13.52		
3	QPSK	15	0	13.51	13.60	13.48		
3	16QAM	1	0	13.45	13.82	13.69		
3	16QAM	1	8	13.68	13.63	13.63	15.2	0
3	16QAM	1	14	13.49	13.79	13.75		
3	16QAM	8	0	13.50	13.77	13.59		
3	16QAM	8	4	13.51	13.71	13.59	15.2	0
3	16QAM	8	7	13.58	13.60	13.61		
3	16QAM	15	0	13.64	13.80	13.56		
3	64QAM	1	0	13.54	13.67	13.60		
3	64QAM	1	8	13.49	13.72	13.74	15.2	0
3	64QAM	1	14	13.64	13.53	13.65		
3	64QAM	8	0	13.50	13.58	13.59		
3	64QAM	8	4	13.49	13.75	13.72	15.2	0
3	64QAM	8	7	13.72	13.72	13.64		
3	64QAM	15	0	13.55	13.58	13.64		
3	256QAM	1	0	13.55	13.45	13.80		
3	256QAM	1	8	13.49	13.59	13.74	15.2	0
3	256QAM	1	14	13.55	13.83	13.60		
3	256QAM	8	0	13.62	13.67	13.59		
3	256QAM	8	4	13.61	13.65	13.49	15.2	0
3	256QAM	8	7	13.46	13.64	13.56		
3	256QAM	15	0	13.63	13.62	13.80		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	13.60	13.72	13.74		
1.4	QPSK	1	3	13.68	13.73	13.66		
1.4	QPSK	1	5	13.68	13.65	13.64	15.2	0
1.4	QPSK	3	0	13.54	13.61	13.55		
1.4	QPSK	3	1	13.53	13.59	13.54		
1.4	QPSK	3	3	13.60	13.57	13.65		
1.4	QPSK	6	0	13.47	13.66	13.52	15.2	0
1.4	16QAM	1	0	13.49	13.79	13.68		
1.4	16QAM	1	3	13.64	13.72	13.64		
1.4	16QAM	1	5	13.52	13.73	13.82	15.2	0
1.4	16QAM	3	0	13.41	13.78	13.70		
1.4	16QAM	3	1	13.37	13.68	13.52		
1.4	16QAM	3	3	13.64	13.65	13.75		
1.4	16QAM	6	0	13.55	13.76	13.56	15.2	0
1.4	64QAM	1	0	13.55	13.56	13.49		
1.4	64QAM	1	3	13.43	13.87	13.66		
1.4	64QAM	1	5	13.69	13.58	13.53	15.2	0
1.4	64QAM	3	0	13.42	13.61	13.74		
1.4	64QAM	3	1	13.41	13.61	13.68		
1.4	64QAM	3	3	13.65	13.67	13.59		
1.4	64QAM	6	0	13.54	13.60	13.66	15.2	0
1.4	256QAM	1	0	13.60	13.45	13.71		
1.4	256QAM	1	3	13.49	13.42	13.68		
1.4	256QAM	1	5	13.55	13.79	13.59	15.2	0
1.4	256QAM	3	0	13.48	13.62	13.59		
1.4	256QAM	3	1	13.56	13.68	13.56		
1.4	256QAM	3	3	13.51	13.63	13.58		
1.4	256QAM	6	0	13.70	13.64	13.84	15.2	0

Band 7 Ant 1 Other PA

BW [MHz]	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	14.94	15.02	14.89		
20	QPSK	1	49	14.76	14.94	14.79	16.7	0
20	QPSK	1	99	14.86	14.96	14.71		
20	QPSK	50	0	14.86	15.00	14.86		
20	QPSK	50	24	14.76	14.97	14.88	16.7	0
20	QPSK	50	50	14.88	14.96	14.83		
20	QPSK	100	0	14.80	14.94	14.71		
20	16QAM	1	0	14.92	14.99	14.88		
20	16QAM	1	49	14.82	14.96	14.80	16.7	0
20	16QAM	1	99	14.85	14.91	14.75		
20	16QAM	50	0	14.76	14.86	14.78		
20	16QAM	50	24	14.87	14.94	14.76	16.7	0
20	16QAM	50	50	14.85	14.94	14.82		
20	16QAM	100	0	14.85	14.84	14.72		
20	64QAM	1	0	14.79	15.01	14.81		
20	64QAM	1	49	14.79	14.89	14.82	16.7	0
20	64QAM	1	99	14.78	14.88	14.81		
20	64QAM	50	0	14.76	14.85	14.78		
20	64QAM	50	24	14.80	14.93	14.79	16.7	0
20	64QAM	50	50	14.92	15.00	14.81		
20	64QAM	100	0	14.78	14.87	14.88		
20	256QAM	1	0	14.91	14.98	14.78		
20	256QAM	1	49	14.86	14.83	14.81	16.7	0
20	256QAM	1	99	14.80	14.98	14.75		
20	256QAM	50	0	14.87	14.95	14.70		
20	256QAM	50	24	14.83	14.87	14.83	16.7	0
20	256QAM	50	50	14.82	14.88	14.87		
20	256QAM	100	0	14.76	14.96	14.74		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.81	14.93	14.75		
15	QPSK	1	37	14.70	14.90	14.83	16.7	0
15	QPSK	1	74	14.79	14.84	14.85		
15	QPSK	36	0	14.79	14.86	14.83		
15	QPSK	36	20	14.70	14.82	14.77	16.7	0
15	QPSK	36	39	14.86	14.83	14.77		
15	QPSK	75	0	14.82	14.79	14.86		
15	16QAM	1	0	14.87	14.92	14.86		
15	16QAM	1	37	14.73	14.84	14.84	16.7	0
15	16QAM	1	74	14.84	14.82	14.87		
15	16QAM	36	0	14.80	14.84	14.88		
15	16QAM	36	20	14.87	14.77	14.71	16.7	0
15	16QAM	36	39	14.89	14.76	14.80		
15	16QAM	75	0	14.80	14.86	14.81		
15	64QAM	1	0	14.87	14.92	14.76		
15	64QAM	1	37	14.87	14.85	14.87	16.7	0
15	64QAM	1	74	14.71	14.73	14.70		
15	64QAM	36	0	14.72	14.81	14.73		
15	64QAM	36	20	14.78	14.92	14.84	16.7	0
15	64QAM	36	39	14.84	14.93	14.72		
15	64QAM	75	0	14.86	14.77	14.81		
15	256QAM	1	0	14.78	14.97	14.82		
15	256QAM	1	37	14.80	14.70	14.88	16.7	0
15	256QAM	1	74	14.88	14.83	14.81		
15	256QAM	36	0	14.84	14.91	14.88		
15	256QAM	36	20	14.84	14.72	14.78	16.7	0
15	256QAM	36	39	14.83	14.84	14.80		
15	256QAM	75	0	14.88	14.79	14.83		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.86	14.96	14.85		
10	QPSK	1	25	14.83	14.87	14.88	16.7	0
10	QPSK	1	49	14.84	14.88	14.85		
10	QPSK	25	0	14.79	14.82	14.83		
10	QPSK	25	12	14.72	14.80	14.82	16.7	0
10	QPSK	25	25	14.82	14.87	14.81		
10	QPSK	50	0	14.75	14.86	14.82		
10	16QAM	1	0	14.82	14.89	14.76		
10	16QAM	1	25	14.78	14.93	14.70	16.7	0
10	16QAM	1	49	14.77	14.73	14.88		
10	16QAM	25	0	14.72	14.82	14.87		
10	16QAM	25	12	14.84	14.89	14.79	16.7	0
10	16QAM	25	25	14.82	14.83	14.80		
10	16QAM	50	0	14.80	14.83	14.82		
10	64QAM	1	0	14.71	14.89	14.73		
10	64QAM	1	25	14.84	14.83	14.82	16.7	0
10	64QAM	1	49	14.73	14.82	14.78		
10	64QAM	25	0	14.80	14.79	14.87		
10	64QAM	25	12	14.78	14.75	14.88	16.7	0
10	64QAM	25	25	14.78	14.91	14.79		
10	64QAM	50	0	14.70	14.70	14.86		
10	256QAM	1	0	14.88	14.85	14.70		
10	256QAM	1	25	14.78	14.86	14.81	16.7	0
10	256QAM	1	49	14.76	14.80	14.87		
10	256QAM	25	0	14.81	14.82	14.83		
10	256QAM	25	12	14.79	14.80	14.84	16.7	0
10	256QAM	25	25	14.83	14.85	14.89		
10	256QAM	50	0	14.86	14.83	14.85		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.92	14.89	14.73		
5	QPSK	1	12	14.81	14.82	14.84	16.7	0
5	QPSK	1	24	14.89	14.93	14.87		
5	QPSK	12	0	14.79	14.82	14.81		
5	QPSK	12	7	14.87	14.94	14.87	16.7	0
5	QPSK	12	13	14.83	14.88	14.88		
5	QPSK	25	0	14.82	14.89	14.81		
5	16QAM	1	0	14.86	14.80	14.85		
5	16QAM	1	12	14.82	14.87	14.89	16.7	0
5	16QAM	1	24	14.80	14.78	14.70		
5	16QAM	12	0	14.83	14.82	14.81		
5	16QAM	12	7	14.75	14.83	14.86	16.7	0
5	16QAM	12	13	14.85	14.84	14.83		
5	16QAM	25	0	14.79	14.70	14.83		
5	64QAM	1	0	14.71	14.98	14.71		
5	64QAM	1	12	14.77	14.85	14.73	16.7	0
5	64QAM	1	24	14.83	14.77	14.73		
5	64QAM	12	0	14.84	14.82	14.88		
5	64QAM	12	7	14.81	14.84	14.79	16.7	0
5	64QAM	12	13	14.77	14.84	14.75		
5	64QAM	25	0	14.71	14.70	14.74		
5	256QAM	1	0	14.83	14.93	14.76		
5	256QAM	1	12	14.75	14.79	14.78	16.7	0
5	256QAM	1	24	14.79	14.85	14.74		
5	256QAM	12	0	14.81	14.83	14.87		
5	256QAM	12	7	14.79	14.76	14.87	16.7	0
5	256QAM	12	13	14.86	14.73	14.83		
5	256QAM	25	0	14.83	14.92	14.86		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	13.83	13.97	13.96		
20	QPSK	1	49	13.71	13.88	13.82	15.2	0
20	QPSK	1	99	13.82	13.87	13.85		
20	QPSK	50	0	13.80	13.90	13.87		
20	QPSK	50	24	13.71	13.87	13.86	15.2	0
20	QPSK	50	50	13.92	13.83	13.79		
20	QPSK	100	0	13.71	13.81	13.79		
20	16QAM	1	0	13.70	13.96	13.86		
20	16QAM	1	49	13.81	13.84	13.86	15.2	0
20	16QAM	1	99	13.70	13.95	13.87		
20	16QAM	50	0	13.67	13.87	13.88		
20	16QAM	50	24	13.70	13.78	13.82	15.2	0
20	16QAM	50	50	13.73	13.90	13.85		
20	16QAM	100	0	13.81	13.83	13.86		
20	64QAM	1	0	13.74	13.84	13.77		
20	64QAM	1	49	13.64	13.92	13.80	15.2	0
20	64QAM	1	99	13.73	13.79	13.86		
20	64QAM	50	0	13.75	13.79	13.82		
20	64QAM	50	24	13.73	13.87	13.89	15.2	0
20	64QAM	50	50	13.79	13.94	13.79		
20	64QAM	100	0	13.76	13.92	13.81		
20	256QAM	1	0	13.70	13.79	13.93		
20	256QAM	1	49	13.75	13.79	13.81	15.2	0
20	256QAM	1	99	13.67	13.94	13.91		
20	256QAM	50	0	13.69	13.80	13.84		
20	256QAM	50	24	13.68	13.79	13.77	15.2	0
20	256QAM	50	50	13.70	13.84	13.80		
20	256QAM	100	0	13.81	13.82	13.91		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	13.74	13.87	13.86		
15	QPSK	1	37	13.61	13.72	13.80	15.2	0
15	QPSK	1	74	13.69	13.84	13.67		
15	QPSK	36	0	13.68	13.75	13.84		
15	QPSK	36	20	13.68	13.68	13.70	15.2	0
15	QPSK	36	39	13.67	13.82	13.77		
15	QPSK	75	0	13.66	13.65	13.69		
15	16QAM	1	0	13.55	13.77	13.81		
15	16QAM	1	37	13.67	13.66	13.77	15.2	0
15	16QAM	1	74	13.57	13.84	13.75		
15	16QAM	36	0	13.61	13.84	13.74		
15	16QAM	36	20	13.61	13.64	13.80	15.2	0
15	16QAM	36	39	13.71	13.78	13.83		
15	16QAM	75	0	13.72	13.64	13.84		
15	64QAM	1	0	13.56	13.79	13.65		
15	64QAM	1	37	13.49	13.89	13.79	15.2	0
15	64QAM	1	74	13.70	13.67	13.82		
15	64QAM	36	0	13.62	13.63	13.65		
15	64QAM	36	20	13.65	13.73	13.87	15.2	0
15	64QAM	36	39	13.63	13.77	13.64		
15	64QAM	75	0	13.59	13.77	13.72		
15	256QAM	1	0	13.59	13.70	13.76		
15	256QAM	1	37	13.64	13.73	13.77	15.2	0
15	256QAM	1	74	13.65	13.91	13.78		
15	256QAM	36	0	13.51	13.74	13.75		
15	256QAM	36	20	13.58	13.77	13.64	15.2	0
15	256QAM	36	39	13.64	13.68	13.69		
15	256QAM	75	0	13.78	13.77	13.76		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	13.78	13.85	13.93		
10	QPSK	1	25	13.61	13.84	13.63	15.2	0
10	QPSK	1	49	13.79	13.73	13.80		
10	QPSK	25	0	13.77	13.74	13.76		
10	QPSK	25	12	13.55	13.78	13.79	15.2	0
10	QPSK	25	25	13.69	13.70	13.74		
10	QPSK	50	0	13.61	13.70	13.65		
10	16QAM	1	0	13.66	13.82	13.73		
10	16QAM	1	25	13.65	13.82	13.81	15.2	0
10	16QAM	1	49	13.55	13.88	13.68		
10	16QAM	25	0	13.49	13.78

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.29	16.42	16.32	17.5	0
20	QPSK	1	49	16.19	16.34	16.30		
20	QPSK	1	99	16.10	16.27	16.23		
20	QPSK	50	0	16.26	16.35	16.27	17.5	0
20	QPSK	50	24	16.24	16.30	16.22		
20	QPSK	50	50	16.24	16.27	16.20		
20	QPSK	100	0	16.10	16.25	16.16		
20	16QAM	1	0	16.17	16.27	16.28	17.5	0
20	16QAM	1	49	16.19	16.25	16.14		
20	16QAM	1	99	16.26	16.36	16.14		
20	16QAM	50	0	16.26	16.23	16.30	17.5	0
20	16QAM	50	24	16.16	16.27	16.25		
20	16QAM	50	50	16.20	16.24	16.21		
20	16QAM	100	0	16.25	16.35	16.26		
20	64QAM	1	0	16.18	16.28	16.25	17.5	0
20	64QAM	1	49	16.22	16.32	16.28		
20	64QAM	1	99	16.14	16.36	16.23		
20	64QAM	50	0	16.16	16.34	16.20	17.5	0
20	64QAM	50	24	16.15	16.32	16.29		
20	64QAM	50	50	16.11	16.29	16.16		
20	64QAM	100	0	16.20	16.37	16.28		
20	256QAM	1	0	16.14	16.39	16.13	17.5	0
20	256QAM	1	49	16.19	16.35	16.21		
20	256QAM	1	99	16.19	16.38	16.15		
20	256QAM	50	0	16.20	16.27	16.22	17.5	0
20	256QAM	50	24	16.19	16.24	16.24		
20	256QAM	50	50	16.14	16.33	16.13		
20	256QAM	100	0	16.15	16.38	16.16		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.16	16.32	16.14	17.5	0
15	QPSK	1	37	16.03	16.32	16.29		
15	QPSK	1	74	15.98	16.17	16.14		
15	QPSK	36	0	16.15	16.32	16.16	17.5	0
15	QPSK	36	20	16.13	16.16	16.16		
15	QPSK	36	39	16.05	16.18	16.07		
15	QPSK	75	0	16.03	16.08	16.12		
15	16QAM	1	0	16.07	16.09	16.16	17.5	0
15	16QAM	1	37	16.04	16.13	16.04		
15	16QAM	1	74	16.09	16.26	16.11		
15	16QAM	36	0	16.25	16.11	16.28	17.5	0
15	16QAM	36	20	16.03	16.10	16.15		
15	16QAM	36	39	16.09	16.16	16.14		
15	16QAM	75	0	16.19	16.31	16.09		
15	64QAM	1	0	16.04	16.13	16.07	17.5	0
15	64QAM	1	37	16.16	16.29	16.27		
15	64QAM	1	74	15.98	16.30	16.09		
15	64QAM	36	0	15.98	16.23	16.09	17.5	0
15	64QAM	36	20	16.02	16.19	16.12		
15	64QAM	36	39	15.95	16.20	15.97		
15	64QAM	75	0	16.15	16.23	16.27		
15	256QAM	1	0	16.05	16.20	16.04	17.5	0
15	256QAM	1	37	16.04	16.29	16.13		
15	256QAM	1	74	16.05	16.21	16.01		
15	256QAM	36	0	16.13	16.16	16.03	17.5	0
15	256QAM	36	20	16.02	16.22	16.09		
15	256QAM	36	39	16.00	16.19	16.06		
15	256QAM	75	0	16.03	16.27	16.03		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.15	16.38	16.24	17.5	0
10	QPSK	1	25	16.10	16.25	16.18		
10	QPSK	1	49	16.04	16.26	16.07		
10	QPSK	25	0	16.11	16.30	16.22	17.5	0
10	QPSK	25	12	16.16	16.15	16.19		
10	QPSK	25	25	16.16	16.22	16.14		
10	QPSK	50	0	16.00	16.10	16.09		
10	16QAM	1	0	16.13	16.13	16.14	17.5	0
10	16QAM	1	25	16.03	16.06	16.03		
10	16QAM	1	49	16.11	16.26	16.05		
10	16QAM	25	0	16.08	16.13	16.17	17.5	0
10	16QAM	25	12	16.04	16.15	16.10		
10	16QAM	25	25	16.15	16.10	16.06		
10	16QAM	50	0	16.06	16.28	16.15		
10	64QAM	1	0	16.03	16.24	16.20	17.5	0
10	64QAM	1	25	16.09	16.24	16.14		
10	64QAM	1	49	16.08	16.25	16.19		
10	64QAM	25	0	16.07	16.21	16.19	17.5	0
10	64QAM	25	12	15.96	16.28	16.10		
10	64QAM	25	25	15.99	16.18	16.12		
10	64QAM	50	0	16.04	16.31	16.24		
10	256QAM	1	0	16.00	16.34	15.97	17.5	0
10	256QAM	1	25	16.17	16.23	16.08		
10	256QAM	1	49	16.12	16.34	16.08		
10	256QAM	25	0	16.10	16.21	16.09	17.5	0
10	256QAM	25	12	16.06	16.12	16.06		
10	256QAM	25	25	15.99	16.21	16.11		
10	256QAM	50	0	16.12	16.34	16.06		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.20	16.41	16.19	17.5	0
5	QPSK	1	12	16.04	16.19	16.19		
5	QPSK	1	24	16.01	16.14	16.05		
5	QPSK	12	0	16.18	16.19	16.17	17.5	0
5	QPSK	12	7	16.22	16.24	16.07		
5	QPSK	12	13	16.06	16.12	16.11		
5	QPSK	25	0	16.05	16.14	16.07		
5	16QAM	1	0	16.10	16.15	16.21	17.5	0
5	16QAM	1	12	16.11	16.10	16.07		
5	16QAM	1	24	16.07	16.21	16.09		
5	16QAM	12	0	16.11	16.18	16.27	17.5	0
5	16QAM	12	7	15.97	16.15	16.15		
5	16QAM	12	13	16.10	16.10	16.05		
5	16QAM	25	0	16.24	16.19	16.20		
5	64QAM	1	0	16.08	16.23	16.08	17.5	0
5	64QAM	1	12	16.19	16.26	16.22		
5	64QAM	1	24	15.99	16.19	16.14		
5	64QAM	12	0	16.13	16.23	16.11	17.5	0
5	64QAM	12	7	16.08	16.13	16.25		
5	64QAM	12	13	15.97	16.20	16.13		
5	64QAM	25	0	16.05	16.31	16.13		
5	256QAM	1	0	15.97	16.23	16.06	17.5	0
5	256QAM	1	12	16.06	16.34	16.20		
5	256QAM	1	24	16.11	16.35	16.13		
5	256QAM	12	0	16.04	16.20	16.19	17.5	0
5	256QAM	12	7	16.06	16.20	16.10		
5	256QAM	12	13	16.04	16.20	16.06		
5	256QAM	25	0	15.98	16.32	16.03		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	15.86	15.67	15.88	15.82	15.65	17	0
20	QPSK	1	49	15.84	15.65	15.84	15.70	15.47		
20	QPSK	1	99	15.72	15.49	15.87	15.74	15.53		
20	QPSK	50	0	15.74	15.65	15.84	15.79	15.55	17	0
20	QPSK	50	24	15.80	15.54	15.80	15.69	15.56		
20	QPSK	50	50	15.78	15.55	15.69	15.65	15.62		
20	QPSK	100	0	15.80	15.58	15.82	15.69	15.59		
20	16QAM	1	0	15.78	15.61	15.78	15.65	15.59	17	0
20	16QAM	1	49	15.72	15.55	15.86	15.69	15.48		
20	16QAM	1	99	15.73	15.64	15.75	15.64	15.46		
20	16QAM	50	0	15.83	15.56	15.78	15.72	15.49	17	0
20	16QAM	50	24	15.83	15.64	15.79	15.73	15.55		
20	16QAM	50	50	15.70	15.55	15.81	15.68	15.62		
20	16QAM	100	0	15.83	15.60	15.79	15.80	15.54		
20	64QAM	1	0	15.71	15.66	15.70	15.69	15.62	17	0
20	64QAM	1	49	15.69	15.57	15.81	15.70	15.62		
20	64QAM	1	99	15.71	15.64	15.79	15.70	15.51		
20	64QAM	50	0	15.75	15.58	15.75	15.71	15.53	17	0
20	64QAM	50	24	15.70	15.49	15.81	15.64	15.61		
20	64QAM	50	50	15.75	15.55	15.79	15.63	15.55		
20	64QAM	100	0	15.69	15.56	15.73	15.69	15.56		
20	256QAM	1	0	15.79	15.60	15.82	15.73	15.55	17	0
20	256QAM	1	49	15.70	15.54	15.69	15.65	15.57		
20	256QAM	1	99	15.83	15.56	15.85	15.69	15.55		
20	256QAM	50	0	15.68	15.62	15.79	15.70	15.57	17	0
20	256QAM	50	24	15.72	15.48	15.73	15.75	15.61		
20	256QAM	50	50	15.85	15.60	15.70	15.71	15.48		
20	256QAM	100	0	15.74	15.48	15.70	15.63	15.54		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	15.69	15.50	15.81	15.65	15.59	17.00	0
15	QPSK	1	37	15.68	15.49	15.73	15.59	15.41		
15	QPSK	1	74	15.59	15.44	15.80	15.57	15.41		
15	QPSK	36	0	15.64	15.64	15.73	15.76	15.51	17	0
15	QPSK	36	20	15.62	15.37	15.65	15.54	15.42		
15	QPSK	36	39	15.64	15.53	15.58	15.55	15.53		
15	QPSK	75	0	15.77	15.46	15.73	15.60	15.43		
15	16QAM	1	0	15.66	15.59	15.76	15.63	15.52	17	0
15	16QAM	1	37	15.65	15.49	15.72	15.63	15.34		
15	16QAM	1	74	15.66	15.46	15.60	15.56	15.36		
15	16QAM	36	0	15.68	15.43	15.71	15.54	15.37	17	0
15	16QAM	36	20	15.65	15.55	15.76	15.61	15.45		
15	16QAM	36	39	15.59	15.46	15.62	15.56	15.50		
15	16QAM	75	0	15.64	15.57	15.74	15.69	15.51		
15	64QAM	1	0	15.68	15.52	15.59	15.53	15.48	17	0
15	64QAM	1	37	15.61	15.55	15.73	15.51	15.56		
15	64QAM	1	74	15.60	15.63	15.74	15.59	15.45		
15	64QAM	36	0	15.60	15.47	15.73	15.53	15.48	17	0
15	64QAM	36	20	15.56	15.45	15.74	15.51	15.58		
15	64QAM	36	39	15.64	15.48	15.72	15.50	15.44		
15	64QAM	75	0	15.59	15.50	15.55	15.66	15.47		
15	256QAM	1	0	15.68	15.55	15.67	15.55	15.44	17	0
15	256QAM	1	37	15.54	15.50	15.66	15.63	15.54		
15	256QAM	1	74	15.79	15.40	15.82	15.65	15.44		
15	256QAM	36	0	15.61	15.56	15.71	15.68	15.42	17	0
15	256QAM	36	20	15.65	15.42	15.62	15.57	15.59		
15	256QAM	36	39	15.73	15.43	15.68	15.68	15.36		
15	256QAM	75	0	15.62	15.44	15.59	15.46	15.53		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	15.70	15.51	15.80	15.66	15.48	17.00	0
10	QPSK	1	25	15.78	15.54	15.67	15.54	15.40		
10	QPSK	1	49	15.57	15.36	15.77	15.56	15.47		
10	QPSK	25	0	15.61	15.52	15.71	15.66	15.39	17	0
10	QPSK	25	12	15.78	15.38	15.71	15.54	15.48		
10	QPSK	25	25	15.66	15.45	15.57	15.50	15.55		
10	QPSK	50	0	15.63	15.54	15.70	15.66	15.49		
10	16QAM	1	0	15.65	15.57	15.63	15.57	15.43	17	0
10	16QAM	1	25	15.62	15.36	15.78	15.62	15.42		
10	16QAM	1	49	15.54	15.63	15.73	15.55	15.35		
10	16QAM	25	0	15.79	15.47	15.68	15.56	15.47	17	0
10	16QAM	25	12	15.66	15.47	15.68	15.64	15.51		
10	16QAM	25	25	15.62	15.50	15.64	15.55	15.49		
10	16QAM	50	0	15.79	15.56	15.72	15.67	15.52		
10	64QAM	1	0	15.53	15.54	15.59	15.52	15.56	17	0
10	64QAM	1	25	15.64	15.43	15.66	15.61	15.49		
10	64QAM	1	49	15.62	15.50	15.73	15.55	15.44		
10	64QAM	25	0	15.66	15.54	15.68	15.62	15.49	17	0
10	64QAM	25	12	15.60	15.45	15.73	15.61	15.52		
10	64QAM	25	25	15.60	15.40	15.70	15.49	15.39		
10	64QAM	50	0	15.53	15.54	15.62	15.60	15.50		
10	256QAM	1	0	15.70	15.48	15.81	15.71	15.52	17	0
10	256QAM	1	25	15.64	15.50	15.53	15.62	15.41		
10	256QAM	1	49	15.67	15.49	15.73	15.52	15.47		
10	256QAM	25	0	15.61	15.50	15.70	15.58	15.45	17	0
10	256QAM	25	12	15.54	15.41	15.65	15.58	15.53		
10	256QAM	25	25	15.77	15.57	15.52	15.59	15.30		
10	256QAM	50	0	15.70	15.42	15.63	15.60	15.52		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	15.74	15.64	15.74	15.73	15.50	17.00	0
5	QPSK	1	12	15.71	15.50	15.81	15.66	15.34		
5	QPSK	1	24	15.62	15.43	15.83	15.56	15.36		
5	QPSK	12	0	15.60	15.56	15.78	15.75	15.40	17	0
5	QPSK	12	7	15.72	15.42	15.75	15.68	15.52		
5	QPSK	12	13	15.62	15.47	15.67	15.61	15.56		
5	QPSK	25	0	15.70	15.45	15.65	15.59	15.44		
5	16QAM	1	0	15.65	15.57	15.65	15.63	15.43	17	0
5	16QAM	1	12	15.55	15.46	15.77	15.62	15.39		
5	16QAM	1	24	15.66	15.50	15.57	15.49	15.27		
5	16QAM	12	0	15.77	15.54	15.75	15.61	15.42	17	0
5	16QAM	12	7	15.67	15.56	15.64	15.58	15.39		
5	16QAM	12	13	15.68	15.48	15.62	15.56	15.43		
5	16QAM	25	0	15.79	15.49	15.61	15.70	15.52		
5	64QAM	1	0	15.69	15.56	15.66	15.65	15.44	17	0
5	64QAM	1	12	15.60	15.56	15.75	15.57	15.60		
5	64QAM	1	24	15.64	15.46	15.70	15.69	15.33		
5	64QAM	12	0	15.71	15.48	15.60	15.69	15.48	17	0
5	64QAM	12	7	15.60	15.32	15.69	15.51	15.47		
5	64QAM	12	13	15.60	15.47	15.70	15.45	15.40		
5	64QAM	25	0	15.56	15.42	15.57	15.63	15.38		
5	256QAM	1	0	15.67	15.57	15.78	15.56	15.38	17	0
5	256QAM	1	12	15.64	15.42	15.50	15.57	15.44		
5	256QAM	1	24	15.72	15.49	15.83	15.59	15.54		
5	256QAM	12	0	15.54	15.49	15.68	15.58	15.50	17	0
5	256QAM	12	7	15.64	15.33	15.69	15.69	15.47		
5	256QAM	12	13	15.68	15.55	15.61	15.55	15.40		
5	256QAM	25	0	15.72	15.30	15.58	15.56	15.43		

Conducted Power for DL CA

2CA DL

CA List	PCC									SCC					Power	
	LTE	BW	BW	UL	UL	Mod.	UL#	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	With CA	Without CA
	Band	Ant	(MHz)	Freq. (MHz)	Channel		RB	RB Offset		Band	(MHz)	Freq. (MHz)	Channel		Tx. Power (dBm)	Tx. Power (dBm)
CA_2A-2A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.46	22.56
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.74	21.89
CA_2A-26A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 26	15M	876.5	8865		22.47	22.56
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 26	15M	876.5	8865		21.76	21.89
	Band 26	Ant0	15M	831.5	26865	QPSK	1	0		Band 2	20M	1880	900	4x4MIMO	22.91	23.05
	Band 26	Ant1	15M	831.5	26865	QPSK	1	0		Band 2	20M	1880	900	4x4MIMO	22.57	22.71
CA_2C	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	22.40	22.56
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	21.69	21.89
CA_4A-4A	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.84	22.99
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.75	22.87
CA_5A-38A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 38	20M	2595	38000	4x4MIMO	22.78	22.97
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 38	20M	2595	38000	4x4MIMO	22.58	22.67
CA_5A-41A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	22.77	22.97
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	22.57	22.67
CA_7A-42A	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	23.01	23.18
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	22.59	22.74
	Band 42	Ant4	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	23.06	23.20
	Band 42	Ant2	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.38	22.56
	Band 42	Ant7	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	23.19	23.28
	Band 42	Ant8	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.03	22.21
CA_7B	Band 7	Ant0	15M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2544.3	3193	4x4MIMO	23.02	23.18
	Band 7	Ant1	15M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2544.3	3193	4x4MIMO	22.70	22.74
CA_38A-66A	Band 38	Ant0	20M	2595	38000	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886		23.07	23.18
	Band 38	Ant1	20M	2595	38000	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886		22.62	22.78
	Band 66	Ant0	20M	1745	132322	QPSK	1	0		Band 38	20M	2595	38000	4x4MIMO	22.91	23.01
	Band 66	Ant1	20M	1745	132322	QPSK	1	0		Band 38	20M	2595	38000	4x4MIMO	22.76	22.93
CA_38C	Band 38	Ant0	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	23.02	23.18
	Band 38	Ant1	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	22.64	22.78
CA_41A-42A	Band 41	Ant0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	22.46	22.62
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	21.72	21.86
	Band 42	Ant4	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	23.08	23.20
	Band 42	Ant2	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	22.48	22.56
	Band 42	Ant7	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	23.09	23.28
	Band 42	Ant8	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	22.08	22.21
CA_42A-42A	Band 42	Ant4	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	5M	3547.5	43065	4x4MIMO	23.07	23.20
	Band 42	Ant2	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	5M	3547.5	43065	4x4MIMO	22.47	22.56
	Band 42	Ant7	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	5M	3547.5	43065	4x4MIMO	23.10	23.28
	Band 42	Ant8	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	5M	3547.5	43065	4x4MIMO	22.08	22.21
CA_66B	Band 66	Ant0	15M	1745	132322	QPSK	1	0		Band 66	5M	2164.3	66979		22.83	23.01
	Band 66	Ant1	15M	1745	132322	QPSK	1	0		Band 66	5M	2164.3	66979		22.81	22.93
CA_66C	Band 66	Ant0	20M	1745	132322	QPSK	1	0		Band 66	20M	2164.8	66984		22.85	23.01
	Band 66	Ant1	20M	1745	132322	QPSK	1	0		Band 66	20M	2164.8	66984		22.79	22.93

3CA DL

3CA List	PCC									SCC1						SCC2						Power	
	LTE Band	BW Ant	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration		LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration		With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
CA_2A-4A-5A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO		Band 5	10M	881.5	2525			22.41	22.56
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO		Band 5	10M	881.5	2525			21.70	21.89
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525			Band 2	20M	1960	900	4x4MIMO		22.82	22.99
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525			Band 2	20M	1960	900	4x4MIMO		22.78	22.87
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO		Band 4	20M	2132.5	2175	4x4MIMO		22.83	22.97
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO		Band 4	20M	2132.5	2175	4x4MIMO		22.50	22.67
CA_2A-4A-7A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO		Band 7	20M	2655	3100	4x4MIMO		22.47	22.56
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO		Band 7	20M	2655	3100	4x4MIMO		21.77	21.89
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.90	22.99
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.69	22.87
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO		Band 4	20M	2132.5	2175	4x4MIMO		23.05	23.18
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO		Band 4	20M	2132.5	2175	4x4MIMO		22.58	22.74
CA_2A-7A-7A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO		Band 7	5M	2687.5	3425	4x4MIMO		22.38	22.56
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO		Band 7	5M	2687.5	3425	4x4MIMO		21.70	21.89
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		23.02	23.18
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.61	22.74
CA_2A-7A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886			Band 7	20M	2655	3100	4x4MIMO		22.38	22.56
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886			Band 7	20M	2655	3100	4x4MIMO		21.72	21.89
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO		Band 66	20M	2155	66886			22.99	23.18
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO		Band 66	20M	2155	66886			22.54	22.74
	Band 66	Ant0	20M	1745	132322	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.86	23.01
	Band 66	Ant1	20M	1745	132322	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.85	22.93
CA_7A-26A-66A	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230			Band 66	20M	2155	66886			22.99	23.18
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230			Band 66	20M	2155	66886			22.55	22.74
	Band 26	Ant0	20M	831.5	26865	QPSK	1	0		Band 66	20M	2155	66886			Band 7	20M	2655	3100	4x4MIMO		22.92	23.05
	Band 26	Ant1	20M	831.5	26865	QPSK	1	0		Band 66	20M	2155	66886			Band 7	20M	2655	3100	4x4MIMO		22.61	22.71
	Band 66	Ant0	20M	1745	132322	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO		Band 13	10M	751	5230			22.86	23.01
	Band 66	Ant1	20M	1745	132322	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO		Band 13	10M	751	5230			22.84	22.93
CA_41A-41A-41A	Band 41	Ant0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO		Band 41	20M	2506	39750	4x4MIMO		22.42	22.62
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO		Band 41	20M	2506	39750	4x4MIMO		21.77	21.86
CA_41A-42C	Band 41	Ant0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO		Band 42	20M	3519.8	42788	4x4MIMO		22.44	22.62
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO		Band 42	20M	3519.8	42788	4x4MIMO		21.68	21.86
	Band 42	Ant4	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO		Band 41	20M	2593	40620	4x4MIMO		23.04	23.20
	Band 42	Ant2	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO		Band 41	20M	2593	40620	4x4MIMO		22.43	22.56
	Band 42	Ant7	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO		Band 41	20M	2593	40620	4x4MIMO		23.13	23.28
	Band 42	Ant8	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO		Band 41	20M	2593	40620	4x4MIMO		22.02	22.21
CA_41C-42A	Band 41	Ant0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO		Band 42	20M	3500	42590	4x4MIMO		22.45	22.62
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO		Band 42	20M	3500	42590	4x4MIMO		21.75	21.86
	Band 42	Ant4	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO		Band 41	20M	2612.8	40818	4x4MIMO		23.09	23.20
	Band 42	Ant2	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO		Band 41	20M	2612.8	40818	4x4MIMO		22.42	22.56
	Band 42	Ant7	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO		Band 41	20M	2612.8	40818	4x4MIMO		23.11	23.28
	Band 42	Ant8	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO		Band 41	20M	2612.8	40818	4x4MIMO		22.09	22.21
CA_42D	Band 42	Ant4	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO		Band 42	20M	3539.6	42986	4x4MIMO		23.09	23.20
	Band 42	Ant2	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO		Band 42	20M	3539.6	42986	4x4MIMO		22.40	22.56
	Band 42	Ant7	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO		Band 42	20M	3539.6	42986	4x4MIMO		23.14	23.28
	Band 42	Ant8	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO		Band 42	20M	3539.6	42986	4x4MIMO		22.11	22.21

4CA DL

Configure	PCC									SCC1						SCC2						SCC3						Power	
	LTE	BW	BW	UL	UL	Mod.	UL#	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration		LTE	BW	DL	DL	DL Antenna Configuration		LTE	BW	DL	DL	DL Antenna Configuration		With CA	Without CA
	Band	Ant	(MHz)	Freq. (MHz)	Channel		RB	RB Offset		Band	(MHz)	Freq. (MHz)	Channel			Band	(MHz)	Freq. (MHz)	Channel			Band	(MHz)	Freq. (MHz)	Channel			Tx. Power (dBm)	Tx. Power (dBm)
CA_2A-4A-7C	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO		Band 7	20M	2655	3100	4x4MIMO		Band 7	20M	2554.8	3298	4x4MIMO		22.47	22.56
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO		Band 7	20M	2655	3100	4x4MIMO		Band 7	20M	2554.8	3298	4x4MIMO		21.81	21.89
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO		Band 7	20M	2554.8	3298	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.83	22.99
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO		Band 7	20M	2554.8	3298	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		22.77	22.87
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		Band 4	20M	2132.5	2175	4x4MIMO		23.07	23.18
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO		Band 2	20M	1960	900	4x4MIMO		Band 4	20M	2132.5	2175	4x4MIMO		22.60	22.74
CA_5A-7A-66A-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO		Band 66	20M	2155	66886			Band 66	5M	2197.5	67311			22.84	22.97
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO		Band 66	20M	2155	66886			Band 66	5M	2197.5	67311			22.58	22.67
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886			Band 66	5M	2197.5	67311			Band 5	10M	881.5	2525			23.07	23.18
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886			Band 66	5M	2197.5	67311			Band 5	10M	881.5	2525			22.57	22.74
	Band 66	Ant0	20M	1745	132322	QPSK	1	0		Band 66	5M	2197.5	67311			Band 5	10M	881.5	2525			Band 7	20M	2655	3100	4x4MIMO		22.91	23.01
	Band 66	Ant1	20M	1745	132322	QPSK	1	0		Band 66	5M	2197.5	67311			Band 5	10M	881.5	2525			Band 7	20M	2655	3100	4x4MIMO		22.74	22.93
CA_5A-7C-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO		Band 7	20M	2554.8	3298	4x4MIMO		Band 66	20M	2155	66886			22.80	22.97
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO		Band 7	20M	2554.8	3298	4x4MIMO		Band 66	20M	2155	66886			22.50	22.67
	Band 7	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525			Band 7	20M	2655	3100	4x4MIMO		Band 7	20M	2554.8	3298	4x4MIMO		23.04	23.18
	Band 7	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525			Band 7	20M	2655	3100	4x4MIMO		Band 7	20M	2554.8	3298	4x4MIMO		22.61	22.74
	Band 66	Ant0	20M	2535	21100	QPSK	1	0		Band 7	20M	2554.8	3298	4x4MIMO		Band 66	20M	2155	66886			Band 5	10M	881.5	2525			22.87	23.01
	Band 66	Ant1	20M	2535	21100	QPSK	1	0		Band 7	20M	2554.8	3298	4x4MIMO		Band 66	20M	2155	66886			Band 5	10M	881.5	2525			22.83	22.93
CA_7C-66A-66A	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO		Band 66	20M	2155	66886			Band 66	5M	2197.5	67311			23.04	23.18
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO		Band 66	20M	2155	66886			Band 66	5M	2197.5	67311			22.58	22.74
	Band 66	Ant0	20M	1745	132322	QPSK	1	0		Band 66	5M	2197.5	67311			Band 7	20M	2655	3100	4x4MIMO		Band 7	20M	2554.8	3298	4x4MIMO		22.89	23.01
	Band 66	Ant1	20M	1745	132322	QPSK	1	0		Band 66	5M	2197.5	67311			Band 7	20M	2655	3100	4x4MIMO		Band 7	20M	2554.8	3298	4x4MIMO		22.73	22.93
CA_41A-41A-41C	Band 41	Ant0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO		Band 41	20M	2506	39750	4x4MIMO		Band 41	20M	2525.8	39948	4x4MIMO		22.50	22.62
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO		Band 41	20M	2506	39750	4x4MIMO		Band 41	20M	2525.8	39948	4x4MIMO		21.70	21.86
CA_41A-41D	Band 41	Ant0	20M	2506	39750	QPSK	1	0	4x4MIMO	Band 41	20M	2640.4	41094	4x4MIMO		Band 41	20M	2660.2	41292	4x4MIMO		Band 41	20M	2680	41490	4x4MIMO		22.53	22.62
	Band 41	Ant1	20M	2506	39750	QPSK	1	0	4x4MIMO	Band 41	20M	2640.4	41094	4x4MIMO		Band 41	20M	2660.2	41292	4x4MIMO		Band 41	20M	2680	41490	4x4MIMO		21.76	21.86
CA_41C-41C	Band 41	Ant0	20M	2506	39750	QPSK	1	0	4x4MIMO	Band 41	20M	2525.8	39948	4x4MIMO		Band 41	20M	2660.2	41292	4x4MIMO		Band 41	20M	2680	41490	4x4MIMO		22.44	22.62
	Band 41	Ant1	20M	2506	39750	QPSK	1	0	4x4MIMO	Band 41	20M	2525.8	39948	4x4MIMO		Band 41	20M	2660.2	41292	4x4MIMO		Band 41	20M	2680	41490	4x4MIMO		21.66	21.86
CA_41C-42C	Band 41	Ant0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO		Band 42	20M	3500	42590	4x4MIMO		Band 42	20M	3519.8	42788	4x4MIMO		22.45	22.62
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO		Band 42	20M	3500	42590	4x4MIMO		Band 42	20M	3519.8	42788	4x4MIMO		21.78	21.86
	Band 42	Ant4	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO		Band 41	20M	2593	40620	4x4MIMO		Band 41	20M	2612.8	40818	4x4MIMO		23.08	23.20
	Band 42	Ant2	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO		Band 41	20M	2593	40620	4x4MIMO		Band 41	20M	2612.8	40818	4x4MIMO		22.44	22.56
	Band 42	Ant7	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO		Band 41	20M	2593	40620	4x4MIMO		Band 41	20M	2612.8	40818	4x4MIMO		23.12	23.28
	Band 42	Ant8	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO		Band 41	20M	2593	40620	4x4MIMO		Band 41	20M	2612.8	40818	4x4MIMO		22.01	22.21
CA_41E	Band 41	Ant0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO		Band 41	20M	2632.6	41016	4x4MIMO		Band 41	20M	2652.4	41214	4x4MIMO		22.52	22.62
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO		Band 41	20M	2632.6	41016	4x4MIMO		Band 41	20M	2652.4	41214	4x4MIMO		21.72	21.86
CA_42E	Band 42	Ant4	20M	3460	42190	QPSK	1	0	4x4MIMO	Band 42	20M	3479.8	42388	4x4MIMO		Band 42	20M	3499.6	42586	4x4MIMO		Band 42	20M	3519.4	42784	4x4MIMO		23.06	23.20
	Band 42	Ant2	20M	3460	42190	QPSK	1	0	4x4MIMO	Band 42	20M	3479.8	42388	4x4MIMO		Band 42	20M	3499.6	42586	4x4MIMO		Band 42	20M	3519.4	42784	4x4MIMO		22.47	22.56
	Band 42	Ant7	20M	3460	42190	QPSK	1	0	4x4MIMO	Band 42	20M	3479.8	42388	4x4MIMO		Band 42	20M	3499.6	42586	4x4MIMO		Band 42	20M	3519.4	42784	4x4MIMO		23.09	23.28
	Band 42	Ant8	20M	3460	42190	QPSK	1	0	4x4MIMO	Band 42	20M	3479.8	42388	4x4MIMO		Band 42	20M	3499.6	42586	4x4MIMO		Band 42	20M	3519.4	42784	4x4MIMO		22.07	22.21

Uplink CA Default Power

CA_7C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	22.40	24.00
21100	21298	QPSK	1	99	1	0	22.51	24.00
21350	21152	QPSK	1	0	1	99	22.46	24.00

CA_7C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	22.29	24.00
21100	21298	QPSK	1	99	1	0	22.37	24.00
21350	21152	QPSK	1	0	1	99	22.34	24.00

CA_38C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.27	24.00
37901	38099	QPSK	1	99	1	0	22.39	24.00
38150	37952	QPSK	1	0	1	99	22.32	24.00

CA_38C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.07	24.00
37901	38099	QPSK	1	99	1	0	22.10	24.00
38150	37952	QPSK	1	0	1	99	22.06	24.00

CA_41C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.44	24.00
40185	40383	QPSK	1	99	1	0	22.51	24.00
40620	40818	QPSK	1	99	1	0	22.55	24.00
41055	41253	QPSK	1	99	1	0	22.49	24.00
41490	41292	QPSK	1	0	1	99	22.4	24.00

CA_41C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	21.81	23.00
40185	40383	QPSK	1	99	1	0	21.72	23.00
40620	40818	QPSK	1	99	1	0	21.85	23.00
41055	41253	QPSK	1	99	1	0	21.83	23.00
41490	41292	QPSK	1	0	1	99	21.76	23.00

CA_42C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	22.46	24.00
42590	42788	QPSK	1	99	1	0	22.57	24.00
42990	42792	QPSK	1	0	1	99	22.51	24.00

CA_42C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	22.1	24.00
42590	42788	QPSK	1	99	1	0	22.22	24.00
42990	42792	QPSK	1	0	1	99	22.16	24.00

CA_42C Ant 7								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	22.33	24.00
42590	42788	QPSK	1	99	1	0	22.47	24.00
42990	42792	QPSK	1	0	1	99	22.4	24.00

CA_42C Ant 8								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	22.11	23.00
42590	42788	QPSK	1	99	1	0	22.19	23.00
42990	42792	QPSK	1	0	1	99	22	23.00

CA_66C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	22.52	24.00
132322	132520	QPSK	1	99	1	0	22.63	24.00
132572	132374	QPSK	1	0	1	99	22.58	24.00

CA_66C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	22.41	24.00
132322	132520	QPSK	1	99	1	0	22.54	24.00
132572	132374	QPSK	1	0	1	99	22.47	24.00

CA_66B Ant 0								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	22.57	24.00
132322	132415	QPSK	1	74	1	0	22.59	24.00
132597	132504	QPSK	1	0	1	24	22.52	24.00

CA_66B Ant 1								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	22.49	24.00
132322	132415	QPSK	1	74	1	0	22.58	24.00
132597	132504	QPSK	1	0	1	74	22.54	24.00

Uplink CA Reduced Power for ECI2

CA_7C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	22.40	24.00
21100	21298	QPSK	1	99	1	0	22.51	24.00
21350	21152	QPSK	1	0	1	99	22.46	24.00

CA_7C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	16.58	18.20
21100	21298	QPSK	1	99	1	0	16.49	18.20
21350	21152	QPSK	1	0	1	99	16.55	18.20

CA_38C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.27	24.00
37901	38099	QPSK	1	99	1	0	22.39	24.00
38150	37952	QPSK	1	0	1	99	22.32	24.00

CA_38C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	18.41	20.30
37901	38099	QPSK	1	99	1	0	18.35	20.30
38150	37952	QPSK	1	0	1	99	18.27	20.30

CA_41C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.44	24.00
40185	40383	QPSK	1	99	1	0	22.51	24.00
40620	40818	QPSK	1	99	1	0	22.55	24.00
41055	41253	QPSK	1	99	1	0	22.49	24.00
41490	41292	QPSK	1	0	1	99	22.4	24.00

CA_41C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	20.2	21.30
40185	40383	QPSK	1	99	1	0	20.12	21.30
40620	40818	QPSK	1	99	1	0	20.15	21.30
41055	41253	QPSK	1	99	1	0	20.23	21.30
41490	41292	QPSK	1	0	1	99	20	21.30

CA_42C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	19.1	20.60
42590	42788	QPSK	1	99	1	0	19.23	20.60
42990	42792	QPSK	1	0	1	99	19.15	20.60

CA_42C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	22.1	24.00
42590	42788	QPSK	1	99	1	0	22.22	24.00
42990	42792	QPSK	1	0	1	99	22.16	24.00

CA_42C Ant 7								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	16.02	17.70
42590	42788	QPSK	1	99	1	0	16.1	17.70
42990	42792	QPSK	1	0	1	99	16.19	17.70

CA_42C Ant 8								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	16.92	18.20
42590	42788	QPSK	1	99	1	0	16.99	18.20
42990	42792	QPSK	1	0	1	99	16.84	18.20

CA_66C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	22.52	24.00
132322	132520	QPSK	1	99	1	0	22.63	24.00
132572	132374	QPSK	1	0	1	99	22.58	24.00

CA_66C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	15.38	17.10
132322	132520	QPSK	1	99	1	0	15.39	17.10
132572	132374	QPSK	1	0	1	99	15.39	17.10

CA_66B Ant 0								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	22.57	24.00
132322	132415	QPSK	1	74	1	0	22.59	24.00
132597	132504	QPSK	1	0	1	24	22.52	24.00

CA_66B Ant 1								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	15.37	17.10
132322	132415	QPSK	1	74	1	0	15.42	17.10
132597	132504	QPSK	1	0	1	74	15.47	17.10

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CA_7C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	18.13	19.90
21100	21298	QPSK	1	99	1	0	18.38	19.90
21350	21152	QPSK	1	0	1	99	18.36	19.90

CA_7C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	17.48	19.20
21100	21298	QPSK	1	99	1	0	17.61	19.20
21350	21152	QPSK	1	0	1	99	17.44	19.20

CA_38C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	19.63	21.40
37901	38099	QPSK	1	99	1	0	19.72	21.40
38150	37952	QPSK	1	0	1	99	19.78	21.40

CA_38C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	19.56	21.00
37901	38099	QPSK	1	99	1	0	19.50	21.00
38150	37952	QPSK	1	0	1	99	19.57	21.00

CA_41C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	21.55	23.10
40185	40383	QPSK	1	99	1	0	21.67	23.10
40620	40818	QPSK	1	99	1	0	21.67	23.10
41055	41253	QPSK	1	99	1	0	21.66	23.10
41490	41292	QPSK	1	0	1	99	21.45	23.10

CA_41C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	20.39	21.60
40185	40383	QPSK	1	99	1	0	20.25	21.60
40620	40818	QPSK	1	99	1	0	20.45	21.60
41055	41253	QPSK	1	99	1	0	20.41	21.60
41490	41292	QPSK	1	0	1	99	20.45	21.60

CA_42C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	17.78	19.40
42590	42788	QPSK	1	99	1	0	17.89	19.40
42990	42792	QPSK	1	0	1	99	17.86	19.40

CA_42C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	22.1	24.00
42590	42788	QPSK	1	99	1	0	22.22	24.00
42990	42792	QPSK	1	0	1	99	22.16	24.00

CA_42C Ant 7								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	18.23	19.80
42590	42788	QPSK	1	99	1	0	18.19	19.80
42990	42792	QPSK	1	0	1	99	18.2	19.80

CA_42C Ant 8								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	17.75	19.30
42590	42788	QPSK	1	99	1	0	17.72	19.30
42990	42792	QPSK	1	0	1	99	17.7	19.30

CA_66C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	18.59	20.10
132322	132520	QPSK	1	99	1	0	18.66	20.10
132572	132374	QPSK	1	0	1	99	18.70	20.10

CA_66C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	15.44	17.00
132322	132520	QPSK	1	99	1	0	15.49	17.00
132572	132374	QPSK	1	0	1	99	15.40	17.00

CA_66B Ant 0								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	18.76	20.10
132322	132415	QPSK	1	74	1	0	18.79	20.10
132597	132504	QPSK	1	0	1	24	18.67	20.10

CA_66B Ant 1								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	15.44	17.00
132322	132415	QPSK	1	74	1	0	15.58	17.00
132597	132504	QPSK	1	0	1	74	15.46	17.00

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CA_7C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	21.80	23.50
21100	21298	QPSK	1	99	1	0	22.01	23.50
21350	21152	QPSK	1	0	1	99	21.90	23.50

CA_7C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	18.18	19.70
21100	21298	QPSK	1	99	1	0	18.21	19.70
21350	21152	QPSK	1	0	1	99	18.15	19.70

CA_38C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.87	24.00
37901	38099	QPSK	1	99	1	0	22.99	24.00
38150	37952	QPSK	1	0	1	99	22.82	24.00

CA_38C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	20.67	22.20
37901	38099	QPSK	1	99	1	0	20.71	22.20
38150	37952	QPSK	1	0	1	99	20.65	22.20

CA_41C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.44	24.00
40185	40383	QPSK	1	99	1	0	22.51	24.00
40620	40818	QPSK	1	99	1	0	22.55	24.00
41055	41253	QPSK	1	99	1	0	22.49	24.00
41490	41292	QPSK	1	0	1	99	22.4	24.00

CA_41C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	21.81	23.00
40185	40383	QPSK	1	99	1	0	21.72	23.00
40620	40818	QPSK	1	99	1	0	21.85	23.00
41055	41253	QPSK	1	99	1	0	21.83	23.00
41490	41292	QPSK	1	0	1	99	21.76	23.00

CA_42C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	20.83	22.40
42590	42788	QPSK	1	99	1	0	20.98	22.40
42990	42792	QPSK	1	0	1	99	20.91	22.40

CA_42C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	22.1	24.00
42590	42788	QPSK	1	99	1	0	22.22	24.00
42990	42792	QPSK	1	0	1	99	22.16	24.00

CA_42C Ant 7								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	19.34	20.80
42590	42788	QPSK	1	99	1	0	19.38	20.80
42990	42792	QPSK	1	0	1	99	19.22	20.80

CA_42C Ant 8								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	22.11	23.00
42590	42788	QPSK	1	99	1	0	22.19	23.00
42990	42792	QPSK	1	0	1	99	22	23.00

CA_66C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	20.37	21.60
132322	132520	QPSK	1	99	1	0	20.46	21.60
132572	132374	QPSK	1	0	1	99	20.28	21.60

CA_66C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	19.55	20.90
132322	132520	QPSK	1	99	1	0	19.64	20.90
132572	132374	QPSK	1	0	1	99	19.49	20.90

CA_66B Ant 0								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	20.27	21.60
132322	132415	QPSK	1	74	1	0	20.33	21.60
132597	132504	QPSK	1	0	1	24	20.18	21.60

CA_66B Ant 1								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	19.67	20.90
132322	132415	QPSK	1	74	1	0	19.70	20.90
132597	132504	QPSK	1	0	1	74	19.53	20.90

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CA_7C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	16.74	18.00
21100	21298	QPSK	1	99	1	0	16.88	18.00
21350	21152	QPSK	1	0	1	99	16.72	18.00

CA_7C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	14.94	16.70
21100	21298	QPSK	1	99	1	0	15.13	16.70
21350	21152	QPSK	1	0	1	99	15.08	16.70

CA_38C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	18.94	20.40
37901	38099	QPSK	1	99	1	0	19.03	20.40
38150	37952	QPSK	1	0	1	99	18.91	20.40

CA_38C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	17.58	19.50
37901	38099	QPSK	1	99	1	0	17.60	19.50
38150	37952	QPSK	1	0	1	99	17.55	19.50

CA_41C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	20.94	22.10
40185	40383	QPSK	1	99	1	0	20.99	22.10
40620	40818	QPSK	1	99	1	0	21.02	22.10
41055	41253	QPSK	1	99	1	0	20.95	22.10
41490	41292	QPSK	1	0	1	99	20.81	22.10

CA_41C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	17.88	19.10
40185	40383	QPSK	1	99	1	0	17.74	19.10
40620	40818	QPSK	1	99	1	0	17.97	19.10
41055	41253	QPSK	1	99	1	0	17.91	19.10
41490	41292	QPSK	1	0	1	99	17.79	19.10

CA_42C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	16.11	17.20
42590	42788	QPSK	1	99	1	0	16.29	17.20
42990	42792	QPSK	1	0	1	99	16.01	17.20

CA_42C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	22.1	24.00
42590	42788	QPSK	1	99	1	0	22.22	24.00
42990	42792	QPSK	1	0	1	99	22.16	24.00

CA_42C Ant 7								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	14.05	15.30
42590	42788	QPSK	1	99	1	0	14.15	15.30
42990	42792	QPSK	1	0	1	99	13.92	15.30

CA_42C Ant 8								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	16.17	17.80
42590	42788	QPSK	1	99	1	0	16.18	17.80
42990	42792	QPSK	1	0	1	99	16.09	17.80

CA_66C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	16.36	17.70
132322	132520	QPSK	1	99	1	0	16.43	17.70
132572	132374	QPSK	1	0	1	99	16.37	17.70

CA_66C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	13.63	15.20
132322	132520	QPSK	1	99	1	0	13.65	15.20
132572	132374	QPSK	1	0	1	99	13.59	15.20

CA_66B Ant 0								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	16.18	17.70
132322	132415	QPSK	1	74	1	0	16.29	17.70
132597	132504	QPSK	1	0	1	24	16.19	17.70

CA_66B Ant 1								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	13.76	15.20
132322	132415	QPSK	1	74	1	0	13.84	15.20
132597	132504	QPSK	1	0	1	74	13.74	15.20

Default Power for FR1 Main PA

n2 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				375000	376000	377000		
Frequency (MHz)				1875	1880	1885		
50	PI/2 BPSK	1	1	22.38	22.47	22.45	23.5	0
50	PI/2 BPSK	1	135	22.28	22.43	22.42		
50	PI/2 BPSK	1	268	22.34	22.4	22.3		
50	PI/2 BPSK	135	0	22.01	22.09	22.06	23	0.5
50	PI/2 BPSK	135	68	22.54	22.59	22.48	23.5	0
50	PI/2 BPSK	135	135	21.81	21.95	21.86	23	0.5
50	PI/2 BPSK	270	0	21.98	22.09	21.97		
50	QPSK	1	1	22.51	22.64	22.58	23.5	0
50	QPSK	1	135	22.3	22.39	22.31		
50	QPSK	1	268	22.24	22.38	22.34		
50	QPSK	135	0	21.52	21.58	21.51	22.5	1
50	QPSK	135	68	22.46	22.57	22.5	23.5	0
50	QPSK	135	135	21.38	21.44	21.36	22.5	1
50	QPSK	270	0	21.43	21.59	21.52		
50	16QAM	1	1	21.11	21.16	21.06	22.5	1
50	64QAM	1	1	19.56	19.72	19.68	21	2.5
50	256QAM	1	1	18.3	18.37	18.25	19	4.5
Channel				374000	376000	378000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1870	1880	1890		
40	QPSK	1	1	22.31	22.59	22.33	23.5	0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.38	22.57	22.39	23.5	0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.5	22.6	22.47	23.5	0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.33	22.56	22.38	23.5	0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.4	22.57	22.51	23.5	0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.41	22.54	22.54	23.5	0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.41	22.58	22.5	23.5	0

n5 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		22.71		24	0
25	PI/2 BPSK	1	64		22.85			
25	PI/2 BPSK	1	131		23.02			
25	PI/2 BPSK	64	0		22.32		23.5	0.5
25	PI/2 BPSK	64	33		22.9		24	0
25	PI/2 BPSK	64	65		22.26		23.5	0.5
25	PI/2 BPSK	128	0		22.47			
25	QPSK	1	1		23.08		24	0
25	QPSK	1	64		22.94			
25	QPSK	1	131		22.92			
25	QPSK	64	0		21.96		23	1
25	QPSK	64	33		23.03		24	0
25	QPSK	64	65		21.71		23	1
25	QPSK	128	0		21.96			
25	16QAM	1	1		21.48		23	1
25	64QAM	1	1		20.06		21.5	2.5
25	256QAM	1	1		18.53		19.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.93	23.01	22.96	24	0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.77	23.04	22.84	24	0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.78	23.04	22.79	24	0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.84	22.95	22.87	24	0

n7 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.67	22.83	22.74	24	0
50	PI/2 BPSK	1	135	22.86	22.94	22.78		
50	PI/2 BPSK	1	268	22.89	22.93	22.78		
50	PI/2 BPSK	135	0	22.32	22.48	22.41	23.5	0.5
50	PI/2 BPSK	135	68	22.74	22.88	22.84	24	0
50	PI/2 BPSK	135	135	22.41	22.49	22.33	23.5	0.5
50	PI/2 BPSK	270	0	22.43	22.47	22.34		
50	QPSK	1	1	22.87	23.02	22.99	24	0
50	QPSK	1	135	22.74	22.86	22.83		
50	QPSK	1	268	22.86	22.95	22.81		
50	QPSK	135	0	21.85	21.93	21.81	23	1
50	QPSK	135	68	22.97	23.01	22.86	24	0
50	QPSK	135	135	21.77	21.96	21.96	23	1
50	QPSK	270	0	21.84	21.94	21.89		
50	16QAM	1	1	21.5	21.56	21.38	23	1
50	64QAM	1	1	19.94	20.09	20.09	21.5	2.5
50	256QAM	1	1	18.53	18.73	18.69	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.86	22.9	22.97	24	0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.82	23	22.98	24	0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.82	22.95	22.95	24	0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.73	22.92	22.97	24	0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.69	22.98	22.85	24	0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.72	22.88	22.83	24	0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.75	23.01	22.81	24	0

n66 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.08	23.06	23.03	24	0
40	PI/2 BPSK	1	108	23.24	23.19	23.12		
40	PI/2 BPSK	1	214	23.02	23.07	23.16		
40	PI/2 BPSK	108	0	22.63	22.72	22.63	23.5	0.5
40	PI/2 BPSK	108	54	23.12	23.11	23.17	24	0
40	PI/2 BPSK	108	108	22.52	22.71	22.68	23.5	0.5
40	PI/2 BPSK	216	0	22.52	22.72	22.81		
40	QPSK	1	1	23.21	23.25	23.11	24	0
40	QPSK	1	108	23.1	23.04	23.07		
40	QPSK	1	214	23.01	23.24	22.97		
40	QPSK	108	0	22.22	22.17	22.07	23	1
40	QPSK	108	54	23.19	23.23	23.12	24	0
40	QPSK	108	108	21.98	22.29	22.15	23	1
40	QPSK	216	0	22.22	22.23	22.1		
40	16QAM	1	1	21.82	21.78	21.64	23	1
40	64QAM	1	1	20.31	20.29	20.17	21.5	2.5
40	256QAM	1	1	18.8	19.08	18.78	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.13	23.16	23.02	24	0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.23	23.13	22.92	24	0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.07	23.12	22.9	24	0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.13	23.2	23	24	0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.14	23.25	23.04	24	0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.11	23.21	23.09	24	0

n38 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.3	23.24	23.17	24	0
40	PI/2 BPSK	1	108	23.24	23.19	23.14		
40	PI/2 BPSK	1	214	23.05	23.25	23.21		
40	PI/2 BPSK	108	0	22.48	22.75	22.61	23.5	0.5
40	PI/2 BPSK	108	54	23.27	23.21	23.04	24	0
40	PI/2 BPSK	108	108	22.48	22.57	22.66	23.5	0.5
40	PI/2 BPSK	216	0	22.66	22.86	22.64		
40	QPSK	1	1	23.26	23.37	23.25	24	0
40	QPSK	1	108	22.95	23.22	23.08		
40	QPSK	1	214	23.16	23.11	23.04		
40	QPSK	108	0	22.25	22.22	22.13	23	1
40	QPSK	108	54	23.09	23.25	23.15	24	0
40	QPSK	108	108	22.14	22.16	22.03	23	1
40	QPSK	216	0	22.21	22.29	22.24		
40	16QAM	1	1	22.02	22.07	22.04	23	1
40	64QAM	1	1	20.57	20.72	20.4	21.5	2.5
40	256QAM	1	1	19.2	19.22	19.36	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	22.75	22.86	22.76	24	0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.76	22.89	22.78	24	0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.73	22.91	22.77	24	0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.75	22.86	22.79	24	0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.73	22.92	22.75	24	0

n41 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.67	22.83	22.93	24	0
100	PI/2 BPSK	1	137	22.98	22.98	23.09		
100	PI/2 BPSK	1	271	22.62	22.9	22.53		
100	PI/2 BPSK	135	0	22.46	22.5	22.46	23.5	0.5
100	PI/2 BPSK	135	69	22.8	22.85	22.82	24	0
100	PI/2 BPSK	135	138	22.09	22.38	22.27	23.5	0.5
100	PI/2 BPSK	270	0	22.37	22.24	22.32		
100	QPSK	1	1	23.05	23.25	23.2	24	0
100	QPSK	1	137	22.75	23	22.97		
100	QPSK	1	271	22.37	22.72	22.65		
100	QPSK	135	0	21.73	21.89	21.99	23	1
100	QPSK	135	69	22.83	22.95	22.86	24	0
100	QPSK	135	138	21.72	21.63	21.63	23	1
100	QPSK	270	0	21.76	21.99	21.75		
100	16QAM	1	1	21.49	21.54	21.49	23	1
100	64QAM	1	1	20.2	20.1	19.85	21.5	2.5
100	256QAM	1	1	18.57	18.73	18.85	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.05	23.05	23.08	24	0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.94	23.24	23.02	24	0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.85	23.03	23.06	24	0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.88	23.22	23.02	24	0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.88	23.08	23.16	24	0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.87	23.03	23.12	24	0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.95	23.17	23.03	24	0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.96	23.09	23.19	24	0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.84	23.13	23.09	24	0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.01	23.18	23.17	24	0

n2 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				375000	376000	377000		
Frequency (MHz)				1875	1880	1885		
50	PI/2 BPSK	1	1	21.36	21.46	21.37	23	0
50	PI/2 BPSK	1	135	21.49	21.54	21.49		
50	PI/2 BPSK	1	268	21.44	21.51	21.48		
50	PI/2 BPSK	135	0	21.07	21.14	21.06	22.5	0.5
50	PI/2 BPSK	135	68	21.58	21.63	21.5	23	0
50	PI/2 BPSK	135	135	20.85	21.03	20.98	22.5	0.5
50	PI/2 BPSK	270	0	21.1	21.16	20.99		
50	QPSK	1	1	21.5	21.66	21.55	23	0
50	QPSK	1	135	21.4	21.49	21.39		
50	QPSK	1	268	21.47	21.48	21.34		
50	QPSK	135	0	20.42	20.61	20.54	22	1
50	QPSK	135	68	21.48	21.6	21.45	23	0
50	QPSK	135	135	20.43	20.56	20.49	22	1
50	QPSK	270	0	20.58	20.67	20.56		
50	16QAM	1	1	20.22	20.25	20.2	22	1
50	64QAM	1	1	18.73	18.84	18.75	20.5	2.5
50	256QAM	1	1	17.33	17.45	17.33	18.5	4.5
Channel				374000	376000	378000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1870	1880	1890		
40	QPSK	1	1	21.33	21.56	21.44	23	0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	21.4	21.64	21.49	23	0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	21.45	21.61	21.37	23	0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	21.39	21.53	21.44	23	0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.33	21.48	21.38	23	0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.24	21.44	21.38	23	0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.33	21.39	21.41	23	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		22.22		24	0
25	PI/2 BPSK	1	64		22.39			
25	PI/2 BPSK	1	131		22.48			
25	PI/2 BPSK	64	0		22.15		23.5	0.5
25	PI/2 BPSK	64	33		22.59		24	0
25	PI/2 BPSK	64	65		21.93		23.5	0.5
25	PI/2 BPSK	128	0		22.14			
25	QPSK	1	1		22.73		24	0
25	QPSK	1	64		22.47			
25	QPSK	1	131		22.42			
25	QPSK	64	0		21.53		23	1
25	QPSK	64	33		22.62		24	0
25	QPSK	64	65		21.47		23	1
25	QPSK	128	0		21.72			
25	16QAM	1	1		21.09		23	1
25	64QAM	1	1		19.5		21.5	2.5
25	256QAM	1	1		18.39		19.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.7	22.71	22.68	24	0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.51	22.6	22.71	24	0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.66	22.67	22.71	24	0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.68	22.6	22.6	24	0

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BW [MHz]	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	22.79	22.85	22.79	24	0
50	PI/2 BPSK	1	135	23.03	23.09	22.95		
50	PI/2 BPSK	1	268	23.03	23.09	23.01		
50	PI/2 BPSK	135	0	22.46	22.48	22.41	23.5	0.5
50	PI/2 BPSK	135	68	22.93	23.05	22.95	24	0
50	PI/2 BPSK	135	135	22.51	22.52	22.38	23.5	0.5
50	PI/2 BPSK	270	0	22.49	22.57	22.43		
50	QPSK	1	1	22.97	23.15	23.06	24	0
50	QPSK	1	135	22.93	23.04	23.03		
50	QPSK	1	268	22.92	23.04	22.99		
50	QPSK	135	0	21.84	21.97	21.88	23	1
50	QPSK	135	68	23.06	23.14	23.03	24	0
50	QPSK	135	135	21.9	21.99	21.85	23	1
50	QPSK	270	0	21.92	22.04	21.92		
50	16QAM	1	1	21.35	21.48	21.46	23	1
50	64QAM	1	1	19.94	19.97	19.91	21.5	2.5
50	256QAM	1	1	18.45	18.62	18.58	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.94	23.14	23	24	0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.96	23.11	23.03	24	0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.93	23.14	22.92	24	0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.95	23.07	22.99	24	0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.92	23.07	23.02	24	0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.79	22.97	22.95	24	0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.8	23.07	23.04	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.86	22.94	23.09	24	0
40	PI/2 BPSK	1	108	22.77	22.94	22.85		
40	PI/2 BPSK	1	214	22.8	22.95	22.95		
40	PI/2 BPSK	108	0	22.32	22.63	22.32	23.5	0.5
40	PI/2 BPSK	108	54	22.88	23.12	23.01	24	0
40	PI/2 BPSK	108	108	22.35	22.56	22.44	23.5	0.5
40	PI/2 BPSK	216	0	22.58	22.64	22.49		
40	QPSK	1	1	23.15	23.27	23.11	24	0
40	QPSK	1	108	22.87	23.11	23.09		
40	QPSK	1	214	22.8	22.91	22.94		
40	QPSK	108	0	21.84	22.17	21.99	23	1
40	QPSK	108	54	22.96	23.13	22.83	24	0
40	QPSK	108	108	21.92	22.07	22.16	23	1
40	QPSK	216	0	21.97	22.12	22.06		
40	16QAM	1	1	21.6	21.68	21.35	23	1
40	64QAM	1	1	19.98	20.04	20.2	21.5	2.5
40	256QAM	1	1	18.65	18.95	18.77	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.1	23.06	22.99	24	0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.99	23.06	23.11	24	0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.05	23.06	23	24	0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.1	23.2	22.9	24	0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.04	23.19	22.96	24	0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.15	23.24	23.11	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.4	23.55	23.4	24	0
40	PI/2 BPSK	1	108	23.26	23.28	23.29		
40	PI/2 BPSK	1	214	23.18	23.4	23.18		
40	PI/2 BPSK	108	0	22.72	22.8	22.63	23.5	0.5
40	PI/2 BPSK	108	54	23.3	23.16	23.26	24	0
40	PI/2 BPSK	108	108	22.44	22.43	22.51	23.5	0.5
40	PI/2 BPSK	216	0	22.57	22.65	22.51		
40	QPSK	1	1	23.45	23.57	23.24	24	0
40	QPSK	1	108	23.25	23.36	23.2		
40	QPSK	1	214	23.21	23.16	23.02		
40	QPSK	108	0	22.08	22.14	22.27	23	1
40	QPSK	108	54	22.99	23.19	23.14	24	0
40	QPSK	108	108	22.07	22	21.91	23	1
40	QPSK	216	0	22.24	22.26	22.09		
40	16QAM	1	1	21.89	22	21.76	23	1
40	64QAM	1	1	20.37	20.42	20.57	21.5	2.5
40	256QAM	1	1	19.01	19.13	19.05	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	22.91	23.06	22.69	24	0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23	23.06	22.75	24	0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.99	23.05	22.7	24	0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.98	23.05	22.76	24	0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23	23.09	22.7	24	0

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BW [MHz]	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	22.55	22.47	22.41	24	0
100	PI/2 BPSK	1	137	22.27	22.32	22.49		
100	PI/2 BPSK	1	271	22.31	22.48	22.46		
100	PI/2 BPSK	135	0	22.05	21.94	21.89	23.5	0.5
100	PI/2 BPSK	135	69	22.46	22.44	22.36	24	0
100	PI/2 BPSK	135	138	21.81	21.92	21.91	23.5	0.5
100	PI/2 BPSK	270	0	22.01	22	21.92		
100	QPSK	1	1	22.65	22.73	22.66	24	0
100	QPSK	1	137	22.53	22.51	22.48		
100	QPSK	1	271	22.01	21.99	22.22		
100	QPSK	135	0	21.45	21.51	21.44	23	1
100	QPSK	135	69	22.54	22.55	22.54	24	0
100	QPSK	135	138	21.26	21.36	21.3	23	1
100	QPSK	270	0	21.5	21.54	21.51		
100	16QAM	1	1	21.22	21.19	21.03	23	1
100	64QAM	1	1	19.67	19.5	19.63	21.5	2.5
100	256QAM	1	1	18.18	18.2	18.21	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	22.62	22.6	24	0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.56	22.62	22.53	24	0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.61	22.71	22.51	24	0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.67	22.63	22.56	24	0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.55	22.6	22.66	24	0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.54	22.63	22.63	24	0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.5	22.64	22.66	24	0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.55	22.71	22.44	24	0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.65	22.66	22.5	24	0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.61	22.63	22.53	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.02	23.11	23.04	24	0
40	PI/2 BPSK	1	108	22.5	22.6	22.58		
40	PI/2 BPSK	1	214	21.89	21.89	21.81		
40	PI/2 BPSK	108	0	22.16	22.34	22.21	23.5	0.5
40	PI/2 BPSK	108	54	22.53	22.53	22.43	24	0
40	PI/2 BPSK	108	108	22.15	22.23	22.07	23.5	0.5
40	PI/2 BPSK	216	0	22.07	22.19	22.09		
40	QPSK	1	1	22.92	23.12	23.01	24	0
40	QPSK	1	108	22.74	22.77	22.56		
40	QPSK	1	214	22.09	22.03	22.11		
40	QPSK	108	0	21.68	21.89	21.77	23	1
40	QPSK	108	54	22.4	22.54	22.49	24	0
40	QPSK	108	108	21.11	22.5	21.01	23	1
40	QPSK	216	0	21.44	21.59	21.52		
40	16QAM	1	1	21.88	21.96	21.85	23	1
40	64QAM	1	1	20.61	20.63	20.64	21.5	2.5
40	256QAM	1	1	19.24	19.29	19.15	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	22.83	22.96	22.84	24	0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.79	23.11	22.82	24	0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.83	22.92	23.01	24	0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.8	23.07	22.89	24	0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.72	23.01	22.97	24	0

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BW [MHz]	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	22.56	22.87	22.6	24	0
100	PI/2 BPSK	1	137	22.69	22.78	22.7		
100	PI/2 BPSK	1	271	22.67	22.92	22.5		
100	PI/2 BPSK	135	0	22.65	22.91	22.48	23.5	0.5
100	PI/2 BPSK	135	69	22.71	22.76	22.55	24	0
100	PI/2 BPSK	135	138	22.66	22.8	22.7	23.5	0.5
100	PI/2 BPSK	270	0	22.65	22.73	22.65		
100	QPSK	1	1	22.72	22.93	22.69	24	0
100	QPSK	1	137	22.61	22.74	22.47		
100	QPSK	1	271	22.54	22.84	22.66		
100	QPSK	135	0	21.69	21.82	21.69	23	1
100	QPSK	135	69	22.54	22.87	22.48	24	0
100	QPSK	135	138	21.75	21.93	21.74	23	1
100	QPSK	270	0	21.65	21.86	21.8		
100	16QAM	1	1	21.68	21.96	21.59	23	1
100	64QAM	1	1	20.31	20.37	20.24	21.5	2.5
100	256QAM	1	1	18.18	18.54	18.18	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	22.2	22.38	22.17	24	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.24	22.39	22.16	24	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.2	22.41	22.23	24	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.18	22.4	22.14	24	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.19	22.47	22.15	24	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.25	22.47	22.19	24	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.17	22.4	22.22	24	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.17	22.47	22.24	24	0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.21	22.39	22.19	24	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.22	22.44	22.19	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.4		24	0
100	PI/2 BPSK	1	137		22.46			
100	PI/2 BPSK	1	271		22.55			
100	PI/2 BPSK	135	0		22.46		23.5	0.5
100	PI/2 BPSK	135	69		22.27		24	0
100	PI/2 BPSK	135	138		22.33		23.5	0.5
100	PI/2 BPSK	270	0		22.22			
100	QPSK	1	1		22.57		24	0
100	QPSK	1	137		22.28			
100	QPSK	1	271		22.53			
100	QPSK	135	0		21.63		23	1
100	QPSK	135	69		22.44		24	0
100	QPSK	135	138		21.6		23	1
100	QPSK	270	0		21.54			
100	16QAM	1	1		21.58		23	1
100	64QAM	1	1		20.05		21.5	2.5
100	256QAM	1	1		18.11		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	22.5	22.51	22.46	24	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.4	22.47	22.38	24	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.53	22.41	22.37	24	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.48	22.49	22.39	24	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.54	22.48	22.51	24	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.44	22.5	22.44	24	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.5	22.42	22.47	24	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.47	22.37	22.4	24	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.53	22.48	22.37	24	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.53	22.4	22.43	24	0

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BW [MHz]	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	22.97	22.92	22.88	24	0
100	PI/2 BPSK	1	137	22.89	22.96	22.9		
100	PI/2 BPSK	1	271	22.96	22.87	22.72		
100	PI/2 BPSK	135	0	22.83	23.06	23.04	23.5	0.5
100	PI/2 BPSK	135	69	23.1	22.97	23	24	0
100	PI/2 BPSK	135	138	22.75	22.95	22.75	23.5	0.5
100	PI/2 BPSK	270	0	22.9	22.99	22.84		
100	QPSK	1	1	23.32	23.37	23.34	24	0
100	QPSK	1	137	22.94	23.22	23.1		
100	QPSK	1	271	22.99	23.03	23.02		
100	QPSK	135	0	22.41	22.3	22.42	23	1
100	QPSK	135	69	23.13	23.18	23.02	24	0
100	QPSK	135	138	22.38	22.28	22.25	23	1
100	QPSK	270	0	22.32	22.42	22.24		
100	16QAM	1	1	22.3	22.44	22.46	23	1
100	64QAM	1	1	20.84	20.76	20.75	21.5	2.5
100	256QAM	1	1	18.71	18.75	18.75	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	22.57	22.58	22.51	24	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.5	22.61	22.57	24	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.49	22.59	22.55	24	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.52	22.61	22.54	24	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.48	22.58	22.56	24	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.5	22.61	22.53	24	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.52	22.56	22.57	24	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.48	22.53	22.59	24	0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.51	22.59	22.53	24	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.53	22.54	22.49	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.93	25.91	25.98	27	0
100	PI/2 BPSK	1	137	25.79	25.94	25.91		
100	PI/2 BPSK	1	271	25.93	25.96	25.77		
100	PI/2 BPSK	135	0	25.74	25.95	25.95	26.5	0.5
100	PI/2 BPSK	135	69	26.17	26.03	25.94	27	0
100	PI/2 BPSK	135	138	25.73	25.92	25.68	26.5	0.5
100	PI/2 BPSK	270	0	25.99	25.92	25.81		
100	QPSK	1	1	26.21	26.31	26.25	27	0
100	QPSK	1	137	26.02	26.16	26.2		
100	QPSK	1	271	26.04	26.11	26.03		
100	QPSK	135	0	25.01	25.29	24.98	26	1
100	QPSK	135	69	26.25	26.26	26.19	27	0
100	QPSK	135	138	24.99	25.22	25.13	26	1
100	QPSK	270	0	24.88	25.22	25.09		
100	16QAM	1	1	25.04	25.02	24.99	26	1
100	64QAM	1	1	23.39	23.46	23.49	24.5	2.5
100	256QAM	1	1	21.6	21.62	21.6	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	26.22	26.29	26.15	27	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	26.06	26.1	26.26	27	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.19	26.18	26.1	27	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	26.08	26.2	26.19	27	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	26.14	26.12	26.11	27	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.06	26.22	26.15	27	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	26.2	26.12	26.17	27	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	26.06	26.29	26.1	27	0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	26.13	26.27	26.24	27	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	26.18	26.22	26.22	27	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.91		24	0
100	PI/2 BPSK	1	137		22.82			
100	PI/2 BPSK	1	271		22.77			
100	PI/2 BPSK	135	0		22.98		23.5	0.5
100	PI/2 BPSK	135	69		22.83		24	0
100	PI/2 BPSK	135	138		22.97		23.5	0.5
100	PI/2 BPSK	270	0		22.83			
100	QPSK	1	1		23.34		24	0
100	QPSK	1	137		23.2			
100	QPSK	1	271		22.89			
100	QPSK	135	0		22.43		23	1
100	QPSK	135	69		23.13		24	0
100	QPSK	135	138		22.25		23	1
100	QPSK	270	0		22.24			
100	16QAM	1	1		22.24		23	1
100	64QAM	1	1		20.95		21.5	2.5
100	256QAM	1	1		18.59		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	22.49	22.58	22.53	24	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.49	22.55	22.58	24	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.49	22.53	22.55	24	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.55	22.61	22.53	24	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.52	22.59	22.58	24	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.5	22.53	22.52	24	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.53	22.53	22.58	24	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.51	22.62	22.59	24	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.55	22.59	22.57	24	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.57	22.53	22.55	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		26.21		27	0
100	PI/2 BPSK	1	137		26.18			
100	PI/2 BPSK	1	271		26.19			
100	PI/2 BPSK	135	0		25.17		26.5	0.5
100	PI/2 BPSK	135	69		26.25		27	0
100	PI/2 BPSK	135	138		25.3		26.5	0.5
100	PI/2 BPSK	270	0		25.13			
100	QPSK	1	1		26.28		27	0
100	QPSK	1	137		26.19			
100	QPSK	1	271		26.25			
100	QPSK	135	0		25.19		26	1
100	QPSK	135	69		26.2		27	0
100	QPSK	135	138		25.39		26	1
100	QPSK	270	0		25.27			
100	16QAM	1	1		25.3		26	1
100	64QAM	1	1		23.84		24.5	2.5
100	256QAM	1	1		21.7		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	26.07	26.18	26.04	27	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	26.12	26.18	26.23	27	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.08	26.12	26.04	27	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.18	26.1	26.18	27	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.18	26.15	26.17	27	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.22	26.12	26.05	27	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	26.22	26.11	26.22	27	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	26.1	26.17	26.1	27	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	26.13	26.27	26.08	27	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	26	26.21	26.19	27	0

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BW [MHz]	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	22.6	22.61	22.64	24	0
40	PI/2 BPSK	1	108	22.4	22.36	22.48		
40	PI/2 BPSK	1	214	22.06	21.89	22.05		
40	PI/2 BPSK	108	0	21.36	21.5	21.32	23.5	0.5
40	PI/2 BPSK	108	54	22.34	22.45	22.33	24	0
40	PI/2 BPSK	108	108	21.1	21.13	20.98	23.5	0.5
40	PI/2 BPSK	216	0	21.25	21.39	21.27		
40	QPSK	1	1	22.63	22.79	22.75	24	0
40	QPSK	1	108	22.44	22.51	22.34		
40	QPSK	1	214	22.13	22.04	22.11		
40	QPSK	108	0	21.42	21.53	21.34	23	1
40	QPSK	108	54	22.31	22.48	22.34	24	0
40	QPSK	108	108	20.99	21.2	21.09	23	1
40	QPSK	216	0	21.35	21.42	21.39		
40	16QAM	1	1	21.33	21.36	21.14	23	1
40	64QAM	1	1	19.78	20	19.93	21.5	2.5
40	256QAM	1	1	18.43	18.56	18.36	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	22.61	22.77	22.54	24	0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.54	22.73	22.55	24	0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.55	22.61	22.54	24	0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.45	22.65	22.77	24	0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.44	22.72	22.57	24	0

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BW [MHz]	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	22.76	22.88	22.64	24	0
100	PI/2 BPSK	1	137	22.77	22.82	22.66		
100	PI/2 BPSK	1	271	22.72	22.71	22.81		
100	PI/2 BPSK	135	0	22.48	22.4	22.48	23.5	0.5
100	PI/2 BPSK	135	69	22.69	22.86	22.66	24	0
100	PI/2 BPSK	135	138	22.46	22.36	22.35	23.5	0.5
100	PI/2 BPSK	270	0	22.4	22.42	22.44		
100	QPSK	1	1	22.88	22.92	22.86	24	0
100	QPSK	1	137	22.75	22.91	22.73		
100	QPSK	1	271	22.7	22.8	22.84		
100	QPSK	135	0	21.93	21.87	21.9	23	1
100	QPSK	135	69	22.87	22.88	22.79	24	0
100	QPSK	135	138	21.95	22.02	21.87	23	1
100	QPSK	270	0	21.77	21.81	21.75		
100	16QAM	1	1	21.79	21.96	21.97	23	1
100	64QAM	1	1	20.33	20.54	20.38	21.5	2.5
100	256QAM	1	1	18.38	18.46	18.32	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	22.76	22.87	22.74	24	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.74	22.8	22.77	24	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.81	22.84	22.73	24	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.76	22.86	22.79	24	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.74	22.86	22.78	24	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.74	22.79	22.71	24	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.77	22.79	22.8	24	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.79	22.79	22.8	24	0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.78	22.82	22.74	24	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.82	22.85	22.78	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.5		24	0
100	PI/2 BPSK	1	137		22.44			
100	PI/2 BPSK	1	271		22.25			
100	PI/2 BPSK	135	0		21.94		23.5	0.5
100	PI/2 BPSK	135	69		22.49		24	0
100	PI/2 BPSK	135	138		22.08		23.5	0.5
100	PI/2 BPSK	270	0		22.03			
100	QPSK	1	1		22.58		24	0
100	QPSK	1	137		22.51			
100	QPSK	1	271		22.4			
100	QPSK	135	0		21.59		23	1
100	QPSK	135	69		22.54		24	0
100	QPSK	135	138		21.49		23	1
100	QPSK	270	0		21.67			
100	16QAM	1	1		21.62		23	1
100	64QAM	1	1		20.39		21.5	2.5
100	256QAM	1	1		18.33		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	22.31	22.35	22.3	24	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.28	22.28	22.25	24	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.24	22.33	22.31	24	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.29	22.33	22.31	24	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.23	22.33	22.26	24	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.23	22.33	22.3	24	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.25	22.28	22.29	24	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.27	22.27	22.22	24	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.26	22.27	22.3	24	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.3	22.32	22.29	24	0

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BW [MHz]	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	22.24	22.32	21.9	23	0
100	PI/2 BPSK	1	137	22.13	22.4	21.95		
100	PI/2 BPSK	1	271	22.13	22.3	21.73		
100	PI/2 BPSK	135	0	22.25	22.29	21.84	22.5	0.5
100	PI/2 BPSK	135	69	22.06	22.26	21.85	23	0
100	PI/2 BPSK	135	138	22.36	22.39	21.96	22.5	0.5
100	PI/2 BPSK	270	0	22.11	22.45	21.77		
100	QPSK	1	1	22.33	22.46	22.12	23	0
100	QPSK	1	137	22.29	22.41	21.96		
100	QPSK	1	271	22.19	22.44	21.82		
100	QPSK	135	0	21.16	21.31	20.98	22	1
100	QPSK	135	69	22.37	22.39	21.82	23	0
100	QPSK	135	138	21.09	21.29	20.77	22	1
100	QPSK	270	0	21.04	21.41	20.98		
100	16QAM	1	1	21.1	21.34	20.97	22	1
100	64QAM	1	1	19.76	19.93	19.38	20.5	2.5
100	256QAM	1	1	17.55	17.83	17.46	18.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.56	21.62	21.36	23	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.55	21.66	21.37	23	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.49	21.61	21.33	23	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.51	21.63	21.3	23	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.52	21.64	21.27	23	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.57	21.68	21.35	23	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.5	21.66	21.28	23	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.51	21.63	21.36	23	0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.56	21.64	21.31	23	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.54	21.68	21.29	23	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.86		23	0
100	PI/2 BPSK	1	137		21.77			
100	PI/2 BPSK	1	271		21.88			
100	PI/2 BPSK	135	0		21.93		22.5	0.5
100	PI/2 BPSK	135	69		22.09		23	0
100	PI/2 BPSK	135	138		21.93		22.5	0.5
100	PI/2 BPSK	270	0		21.89			
100	QPSK	1	1		22.11		23	0
100	QPSK	1	137		22.03			
100	QPSK	1	271		21.75			
100	QPSK	135	0		21.23		22	1
100	QPSK	135	69		22.04		23	0
100	QPSK	135	138		21.11		22	1
100	QPSK	270	0		21.02			
100	16QAM	1	1		21.1		22	1
100	64QAM	1	1		19.63		20.5	2.5
100	256QAM	1	1		17.61		18.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.51	21.67	21.37	23	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.49	21.66	21.28	23	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.52	21.62	21.36	23	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.55	21.66	21.33	23	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.55	21.61	21.35	23	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.49	21.63	21.35	23	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.56	21.67	21.35	23	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.49	21.67	21.3	23	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.53	21.68	21.36	23	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.53	21.63	21.33	23	0

Reduced Power Mode for Main PA ECI2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				375000	376000	377000		
Frequency (MHz)				1875	1880	1885		
50	PI/2 BPSK	1	1	22.38	22.47	22.45	23.5	0
50	PI/2 BPSK	1	135	22.28	22.43	22.42		
50	PI/2 BPSK	1	268	22.34	22.4	22.3		
50	PI/2 BPSK	135	0	22.01	22.09	22.06	23	0.5
50	PI/2 BPSK	135	68	22.54	22.59	22.48	23.5	0
50	PI/2 BPSK	135	135	21.81	21.95	21.86	23	0.5
50	PI/2 BPSK	270	0	21.98	22.09	21.97		
50	QPSK	1	1	22.51	22.64	22.58	23.5	0
50	QPSK	1	135	22.3	22.39	22.31		
50	QPSK	1	268	22.24	22.38	22.34		
50	QPSK	135	0	21.52	21.58	21.51	22.5	1
50	QPSK	135	68	22.46	22.57	22.5	23.5	0
50	QPSK	135	135	21.38	21.44	21.36	22.5	1
50	QPSK	270	0	21.43	21.59	21.52		
50	16QAM	1	1	21.11	21.16	21.06	22.5	1
50	64QAM	1	1	19.56	19.72	19.68	21	2.5
50	256QAM	1	1	18.3	18.37	18.25	19	4.5
Channel				374000	376000	378000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1870	1880	1890		
40	QPSK	1	1	22.31	22.59	22.33	23.5	0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.38	22.57	22.39	23.5	0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.5	22.6	22.47	23.5	0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.33	22.56	22.38	23.5	0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.4	22.57	22.51	23.5	0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.41	22.54	22.54	23.5	0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.41	22.58	22.5	23.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		22.71		24	0
25	PI/2 BPSK	1	64		22.85			
25	PI/2 BPSK	1	131		23.02			
25	PI/2 BPSK	64	0		22.32		23.5	0.5
25	PI/2 BPSK	64	33		22.9		24	0
25	PI/2 BPSK	64	65		22.26		23.5	0.5
25	PI/2 BPSK	128	0		22.47			
25	QPSK	1	1		23.08		24	0
25	QPSK	1	64		22.94			
25	QPSK	1	131		22.92			
25	QPSK	64	0		21.96		23	1
25	QPSK	64	33		23.03		24	0
25	QPSK	64	65		21.71		23	1
25	QPSK	128	0		21.96			
25	16QAM	1	1		21.48		23	1
25	64QAM	1	1		20.06		21.5	2.5
25	256QAM	1	1		18.53		19.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.93	23.01	22.96	24	0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.77	23.04	22.84	24	0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.78	23.04	22.79	24	0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.84	22.95	22.87	24	0

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BW [MHz]	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	22.67	22.83	22.74	24	0
50	PI/2 BPSK	1	135	22.86	22.94	22.78		
50	PI/2 BPSK	1	268	22.89	22.93	22.78		
50	PI/2 BPSK	135	0	22.32	22.48	22.41	23.5	0.5
50	PI/2 BPSK	135	68	22.74	22.88	22.84	24	0
50	PI/2 BPSK	135	135	22.41	22.49	22.33	23.5	0.5
50	PI/2 BPSK	270	0	22.43	22.47	22.34		
50	QPSK	1	1	22.87	23.02	22.99	24	0
50	QPSK	1	135	22.74	22.86	22.83		
50	QPSK	1	268	22.86	22.95	22.81		
50	QPSK	135	0	21.85	21.93	21.81	23	1
50	QPSK	135	68	22.97	23.01	22.86	24	0
50	QPSK	135	135	21.77	21.96	21.96	23	1
50	QPSK	270	0	21.84	21.94	21.89		
50	16QAM	1	1	21.5	21.56	21.38	23	1
50	64QAM	1	1	19.94	20.09	20.09	21.5	2.5
50	256QAM	1	1	18.53	18.73	18.69	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.86	22.9	22.97	24	0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.82	23	22.98	24	0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.82	22.95	22.95	24	0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.73	22.92	22.97	24	0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.69	22.98	22.85	24	0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.72	22.88	22.83	24	0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.75	23.01	22.81	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.08	23.06	23.03	24	0
40	PI/2 BPSK	1	108	23.24	23.19	23.12		
40	PI/2 BPSK	1	214	23.02	23.07	23.16		
40	PI/2 BPSK	108	0	22.63	22.72	22.63	23.5	0.5
40	PI/2 BPSK	108	54	23.12	23.11	23.17	24	0
40	PI/2 BPSK	108	108	22.52	22.71	22.68	23.5	0.5
40	PI/2 BPSK	216	0	22.52	22.72	22.81		
40	QPSK	1	1	23.21	23.25	23.11	24	0
40	QPSK	1	108	23.1	23.04	23.07		
40	QPSK	1	214	23.01	23.24	22.97		
40	QPSK	108	0	22.22	22.17	22.07	23	1
40	QPSK	108	54	23.19	23.23	23.12	24	0
40	QPSK	108	108	21.98	22.29	22.15	23	1
40	QPSK	216	0	22.22	22.23	22.1		
40	16QAM	1	1	21.82	21.78	21.64	23	1
40	64QAM	1	1	20.31	20.29	20.17	21.5	2.5
40	256QAM	1	1	18.8	19.08	18.78	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.13	23.16	23.02	24	0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.23	23.13	22.92	24	0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.07	23.12	22.9	24	0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.13	23.2	23	24	0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.14	23.25	23.04	24	0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.11	23.27	23.09	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.3	23.24	23.17	24	0
40	PI/2 BPSK	1	108	23.24	23.19	23.14		
40	PI/2 BPSK	1	214	23.05	23.25	23.21		
40	PI/2 BPSK	108	0	22.48	22.75	22.61	23.5	0.5
40	PI/2 BPSK	108	54	23.27	23.21	23.04	24	0
40	PI/2 BPSK	108	108	22.48	22.57	22.66	23.5	0.5
40	PI/2 BPSK	216	0	22.66	22.86	22.64		
40	QPSK	1	1	23.26	23.37	23.25	24	0
40	QPSK	1	108	22.95	23.22	23.08		
40	QPSK	1	214	23.16	23.11	23.04		
40	QPSK	108	0	22.25	22.22	22.13	23	1
40	QPSK	108	54	23.09	23.25	23.15	24	0
40	QPSK	108	108	22.14	22.16	22.03	23	1
40	QPSK	216	0	22.21	22.29	22.24		
40	16QAM	1	1	22.02	22.07	22.04	23	1
40	64QAM	1	1	20.57	20.72	20.4	21.5	2.5
40	256QAM	1	1	19.2	19.22	19.36	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	22.75	22.86	22.76	24	0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.76	22.89	22.78	24	0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.73	22.91	22.77	24	0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.75	22.86	22.79	24	0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.73	22.92	22.75	24	0

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BW [MHz]	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	22.67	22.83	22.93	24	0
100	PI/2 BPSK	1	137	22.98	22.98	23.09		
100	PI/2 BPSK	1	271	22.62	22.9	22.53		
100	PI/2 BPSK	135	0	22.46	22.5	22.46	23.5	0.5
100	PI/2 BPSK	135	69	22.8	22.85	22.82	24	0
100	PI/2 BPSK	135	138	22.09	22.38	22.27	23.5	0.5
100	PI/2 BPSK	270	0	22.37	22.24	22.32		
100	QPSK	1	1	23.05	23.25	23.2	24	0
100	QPSK	1	137	22.75	23	22.97		
100	QPSK	1	271	22.37	22.72	22.65		
100	QPSK	135	0	21.73	21.89	21.99	23	1
100	QPSK	135	69	22.83	22.95	22.86	24	0
100	QPSK	135	138	21.72	21.63	21.63	23	1
100	QPSK	270	0	21.76	21.99	21.75		
100	16QAM	1	1	21.49	21.54	21.49	23	1
100	64QAM	1	1	20.2	20.1	19.85	21.5	2.5
100	256QAM	1	1	18.57	18.73	18.85	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.05	23.05	23.08	24	0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.94	23.24	23.02	24	0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.85	23.03	23.06	24	0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.88	23.22	23.02	24	0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.88	23.08	23.16	24	0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.87	23.03	23.12	24	0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.95	23.17	23.03	24	0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.96	23.09	23.19	24	0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.84	23.13	23.09	24	0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.01	23.18	23.17	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				375000	376000	377000		
Frequency (MHz)				1875	1880	1885		
50	PI/2 BPSK	1	1	17.2	17.3	17.27	18.5	0
50	PI/2 BPSK	1	135	17.17	17.33	17.25		
50	PI/2 BPSK	1	268	17.19	17.32	17.32		
50	PI/2 BPSK	135	0	17.15	17.32	17.18	18.5	0
50	PI/2 BPSK	135	68	17.12	17.2	17.32	18.5	0
50	PI/2 BPSK	135	135	17.23	17.26	17.22	18.5	0
50	PI/2 BPSK	270	0	17.14	17.3	17.22		
50	QPSK	1	1	17.33	17.41	17.37	18.5	0
50	QPSK	1	135	17.2	17.21	17.18		
50	QPSK	1	268	17.14	17.37	17.25		
50	QPSK	135	0	17.17	17.27	17.3	18.5	0
50	QPSK	135	68	17.31	17.39	17.35	18.5	0
50	QPSK	135	135	17.2	17.3	17.21	18.5	0
50	QPSK	270	0	17.17	17.38	17.26		
50	16QAM	1	1	17.26	17.22	17.22	18.5	0
50	64QAM	1	1	17.26	17.21	17.2	18.5	0
50	256QAM	1	1	17.28	17.28	17.31	18.5	0
Channel				374000	376000	378000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1870	1880	1890		
40	QPSK	1	1	17.01	17.09	17.11	18.5	0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	17.11	17.14	17.08	18.5	0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	17.22	17.15	17.17	18.5	0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	17.19	17.07	17.09	18.5	0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.13	17.05	17.14	18.5	0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.15	17.05	17.01	18.5	0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.19	17.13	17.19	18.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		21.39		22.7	0
25	PI/2 BPSK	1	64		21.48			
25	PI/2 BPSK	1	131		21.21			
25	PI/2 BPSK	64	0		21.36		22.7	0
25	PI/2 BPSK	64	33		21.47		22.7	0
25	PI/2 BPSK	64	65		21.45		22.7	0
25	PI/2 BPSK	128	0		21.46			
25	QPSK	1	1		21.58		22.7	0
25	QPSK	1	64		21.23			
25	QPSK	1	131		21.34			
25	QPSK	64	0		21.39		22.7	0
25	QPSK	64	33		21.49		22.7	0
25	QPSK	64	65		21.41		22.7	0
25	QPSK	128	0		21.37			
25	16QAM	1	1		21.42		22.7	0
25	64QAM	1	1		19.68		21.5	1.2
25	256QAM	1	1		18.32		19.5	3.2
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	21.51	21.57	21.52	22.7	0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.99	21.11	21	22.7	0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.01	21.09	21.02	22.7	0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21	21.08	20.97	22.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	16.96	16.96	16.74	18.5	0
50	PI/2 BPSK	1	135	16.97	16.94	16.74		
50	PI/2 BPSK	1	268	16.88	17.01	16.76		
50	PI/2 BPSK	135	0	16.92	16.94	16.81	18.5	0
50	PI/2 BPSK	135	68	16.9	16.96	16.85	18.5	0
50	PI/2 BPSK	135	135	16.91	17.09	16.84	18.5	0
50	PI/2 BPSK	270	0	16.9	16.98	16.86		
50	QPSK	1	1	17.01	17.14	16.92	18.5	0
50	QPSK	1	135	16.84	16.98	16.77		
50	QPSK	1	268	16.91	17.1	16.72		
50	QPSK	135	0	16.92	16.98	16.88	18.5	0
50	QPSK	135	68	17.04	17.11	16.99	18.5	0
50	QPSK	135	135	16.83	17.08	16.8	18.5	0
50	QPSK	270	0	16.88	17.04	16.77		
50	16QAM	1	1	16.97	17.07	16.73	18.5	0
50	64QAM	1	1	16.87	16.97	16.83	18.5	0
50	256QAM	1	1	16.84	16.96	16.73	18.5	0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	16.74	16.89	16.59	18.5	0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.68	16.76	16.56	18.5	0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.68	16.93	16.67	18.5	0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	16.64	16.8	16.61	18.5	0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.77	16.78	16.7	18.5	0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.81	16.89	16.61	18.5	0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.65	16.75	16.57	18.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.71	15.78	15.81	17.2	0
40	PI/2 BPSK	1	108	15.75	15.92	15.81		
40	PI/2 BPSK	1	214	15.79	15.87	15.84		
40	PI/2 BPSK	108	0	15.87	15.86	15.75	17.2	0
40	PI/2 BPSK	108	54	15.83	15.89	15.75	17.2	0
40	PI/2 BPSK	108	108	15.79	15.88	15.84	17.2	0
40	PI/2 BPSK	216	0	15.71	15.76	15.78		
40	QPSK	1	1	15.97	16.03	15.86	17.2	0
40	QPSK	1	108	15.76	15.82	15.69		
40	QPSK	1	214	15.7	15.94	15.68		
40	QPSK	108	0	15.84	15.87	15.69	17.2	0
40	QPSK	108	54	15.91	15.97	15.87	17.2	0
40	QPSK	108	108	15.77	15.87	15.77	17.2	0
40	QPSK	216	0	15.74	15.84	15.74		
40	16QAM	1	1	15.75	15.82	15.76	17.2	0
40	64QAM	1	1	15.81	15.85	15.76	17.2	0
40	256QAM	1	1	15.8	15.89	15.69	17.2	0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.71	15.89	15.76	17.2	0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	15.85	15.78	15.67	17.2	0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.74	15.8	15.84	17.2	0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.86	15.83	15.79	17.2	0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.77	15.78	15.72	17.2	0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.81	15.78	15.78	17.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.88	19	18.87	20	0
40	PI/2 BPSK	1	108	18.88	18.93	18.83		
40	PI/2 BPSK	1	214	19.01	18.88	19		
40	PI/2 BPSK	108	0	18.89	18.9	18.92	20	0
40	PI/2 BPSK	108	54	18.94	19.06	18.87	20	0
40	PI/2 BPSK	108	108	19	18.88	18.94	20	0
40	PI/2 BPSK	216	0	18.89	19.02	18.96		
40	QPSK	1	1	19.04	19.09	19.03	20	0
40	QPSK	1	108	18.84	18.99	18.99		
40	QPSK	1	214	19	18.88	18.97		
40	QPSK	108	0	18.84	18.92	18.82	20	0
40	QPSK	108	54	18.95	18.98	18.86	20	0
40	QPSK	108	108	18.85	18.93	18.9	20	0
40	QPSK	216	0	18.87	18.95	18.92		
40	16QAM	1	1	18.83	18.97	18.83	20	0
40	64QAM	1	1	18.91	18.97	18.86	20	0
40	256QAM	1	1	19.01	19.03	19.05	19.5	0.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.53	18.59	18.48	20	0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	18.54	18.61	18.5	20	0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.58	18.54	18.5	20	0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.54	18.56	18.54	20	0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.57	18.56	18.48	20	0

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BW [MHz]	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	18.85	19.05	18.93	20.4	0
100	PI/2 BPSK	1	137	18.72	19.06	18.95		
100	PI/2 BPSK	1	271	18.83	18.91	18.89		
100	PI/2 BPSK	135	0	18.74	18.93	18.92	20.4	0
100	PI/2 BPSK	135	69	18.81	18.96	18.93	20.4	0
100	PI/2 BPSK	135	138	18.86	18.96	18.94	20.4	0
100	PI/2 BPSK	270	0	18.86	19.02	19		
100	QPSK	1	1	18.91	19.12	19.05	20.4	0
100	QPSK	1	137	18.87	18.97	18.95		
100	QPSK	1	271	18.72	19.02	18.96		
100	QPSK	135	0	18.84	19.03	19	20.4	0
100	QPSK	135	69	18.86	19.07	18.95	20.4	0
100	QPSK	135	138	18.72	18.97	18.97	20.4	0
100	QPSK	270	0	18.71	19.01	18.98		
100	16QAM	1	1	18.77	18.95	19	20.4	0
100	64QAM	1	1	18.72	18.97	18.88	20.4	0
100	256QAM	1	1	18.18	18.2	18.21	19.5	0.9
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.41	18.58	18.55	20.4	0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.41	18.65	18.57	20.4	0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.43	18.65	18.51	20.4	0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.4	18.6	18.53	20.4	0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.43	18.66	18.55	20.4	0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.46	18.6	18.55	20.4	0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.39	18.66	18.51	20.4	0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.45	18.61	18.51	20.4	0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.37	18.61	18.57	20.4	0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.44	18.63	18.57	20.4	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.02	23.11	23.04	24	0
40	PI/2 BPSK	1	108	22.5	22.6	22.58		
40	PI/2 BPSK	1	214	21.89	21.89	21.81		
40	PI/2 BPSK	108	0	22.16	22.34	22.21	23.5	0.5
40	PI/2 BPSK	108	54	22.53	22.53	22.43	24	0
40	PI/2 BPSK	108	108	22.15	22.23	22.07	23.5	0.5
40	PI/2 BPSK	216	0	22.07	22.19	22.09		
40	QPSK	1	1	22.92	23.12	23.01	24	0
40	QPSK	1	108	22.74	22.77	22.56		
40	QPSK	1	214	22.09	22.03	22.11		
40	QPSK	108	0	21.68	21.89	21.77	23	1
40	QPSK	108	54	22.40	22.54	22.49	24	0
40	QPSK	108	108	21.11	22.50	21.01	23	1
40	QPSK	216	0	21.44	21.59	21.52		
40	16QAM	1	1	21.88	21.96	21.85	23	1
40	64QAM	1	1	20.61	20.63	20.64	21.5	2.5
40	256QAM	1	1	19.24	19.29	19.15	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	22.83	22.96	22.84	24	0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.79	23.12	22.82	24	0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.83	22.92	23.01	24	0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.8	23.07	22.89	24	0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.72	23.01	22.97	24	0

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BW [MHz]	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	22.56	22.87	22.6	24	0
100	PI/2 BPSK	1	137	22.69	22.78	22.7		
100	PI/2 BPSK	1	271	22.67	22.92	22.5		
100	PI/2 BPSK	135	0	22.65	22.91	22.48	23.5	0.5
100	PI/2 BPSK	135	69	22.71	22.76	22.55	24	0
100	PI/2 BPSK	135	138	22.66	22.8	22.7	23.5	0.5
100	PI/2 BPSK	270	0	22.65	22.73	22.65		
100	QPSK	1	1	22.72	22.93	22.69	24	0
100	QPSK	1	137	22.61	22.74	22.47		
100	QPSK	1	271	22.54	22.84	22.66		
100	QPSK	135	0	21.69	21.82	21.69	23	1
100	QPSK	135	69	22.54	22.87	22.48	24	0
100	QPSK	135	138	21.75	21.93	21.74	23	1
100	QPSK	270	0	21.65	21.86	21.8		
100	16QAM	1	1	21.68	21.96	21.59	23	1
100	64QAM	1	1	20.31	20.37	20.24	21.5	2.5
100	256QAM	1	1	18.18	18.54	18.18	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	22.2	22.38	22.17	24	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.24	22.39	22.16	24	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.2	22.41	22.23	24	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.18	22.4	22.14	24	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.19	22.47	22.15	24	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.25	22.47	22.19	24	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.17	22.4	22.22	24	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.17	22.47	22.24	24	0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.21	22.39	22.19	24	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.22	22.44	22.19	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.4		24	0
100	PI/2 BPSK	1	137		22.46			
100	PI/2 BPSK	1	271		22.55			
100	PI/2 BPSK	135	0		22.46		23.5	0.5
100	PI/2 BPSK	135	69		22.27		24	0
100	PI/2 BPSK	135	138		22.33		23.5	0.5
100	PI/2 BPSK	270	0		22.22			
100	QPSK	1	1		22.57		24	0
100	QPSK	1	137		22.28			
100	QPSK	1	271		22.53			
100	QPSK	135	0		21.63		23	1
100	QPSK	135	69		22.44		24	0
100	QPSK	135	138		21.6		23	1
100	QPSK	270	0		21.54			
100	16QAM	1	1		21.58		23	1
100	64QAM	1	1		20.05		21.5	2.5
100	256QAM	1	1		18.11		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	22.5	22.51	22.46	24	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.4	22.47	22.38	24	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.53	22.41	22.37	24	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.48	22.49	22.39	24	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.54	22.48	22.51	24	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.44	22.5	22.44	24	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.5	22.42	22.47	24	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.47	22.37	22.4	24	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.53	22.48	22.37	24	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.53	22.4	22.43	24	0

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BW [MHz]	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	18.27	18.54	18.41	19.6	0
100	PI/2 BPSK	1	137	18.33	18.43	18.49		
100	PI/2 BPSK	1	271	18.34	18.53	18.4		
100	PI/2 BPSK	135	0	18.33	18.4	18.41	19.6	0
100	PI/2 BPSK	135	69	18.17	18.49	18.51	19.6	0
100	PI/2 BPSK	135	138	18.2	18.47	18.46	19.6	0
100	PI/2 BPSK	270	0	18.3	18.4	18.35		
100	QPSK	1	1	18.38	18.58	18.54	19.6	0
100	QPSK	1	137	18.24	18.45	18.38		
100	QPSK	1	271	18.25	18.37	18.33		
100	QPSK	135	0	18.24	18.52	18.34	19.6	0
100	QPSK	135	69	18.31	18.54	18.48	19.6	0
100	QPSK	135	138	18.22	18.51	18.44	19.6	0
100	QPSK	270	0	18.28	18.47	18.44		
100	16QAM	1	1	18.2	18.45	18.37	19.6	0
100	64QAM	1	1	18.22	18.43	18.46	19.6	0
100	256QAM	1	1	18.33	18.49	18.49	19.5	0.1
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.7	18.03	17.88	19.6	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.85	18.04	17.93	19.6	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.7	17.99	18.02	19.6	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.86	18.05	17.87	19.6	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.84	17.89	17.94	19.6	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.74	17.92	17.99	19.6	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.85	18.02	18.03	19.6	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.8	17.91	18.02	19.6	0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.72	17.89	17.94	19.6	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.75	18.05	17.93	19.6	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.27		19.6	0
100	PI/2 BPSK	1	137		18.32			
100	PI/2 BPSK	1	271		18.31			
100	PI/2 BPSK	135	0		18.33		19.6	0
100	PI/2 BPSK	135	69		18.34		19.6	0
100	PI/2 BPSK	135	138		18.31		19.6	0
100	PI/2 BPSK	270	0		18.26			
100	QPSK	1	1		18.38		19.6	0
100	QPSK	1	137		18.2			
100	QPSK	1	271		18.15			
100	QPSK	135	0		18.25		19.6	0
100	QPSK	135	69		18.33		19.6	0
100	QPSK	135	138		18.23		19.6	0
100	QPSK	270	0		18.27			
100	16QAM	1	1		18.3		19.6	0
100	64QAM	1	1		18.18		19.6	0
100	256QAM	1	1		18.35		19.5	0.1
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.89	17.98	17.81	19.6	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.79	17.9	17.87	19.6	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.78	17.97	17.89	19.6	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.9	17.99	17.89	19.6	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.81	18.01	17.82	19.6	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.82	18.01	17.85	19.6	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.79	17.98	17.83	19.6	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.86	17.87	17.85	19.6	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.78	17.96	17.97	19.6	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.85	17.89	17.92	19.6	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	21.37	21.43	21.27	22.5	0
40	PI/2 BPSK	1	108	21.33	21.35	21.38		
40	PI/2 BPSK	1	214	21.30	21.43	21.42		
40	PI/2 BPSK	108	0	21.28	21.41	21.30	22.5	0
40	PI/2 BPSK	108	54	21.15	21.41	21.38	22.5	0
40	PI/2 BPSK	108	108	21.26	21.38	21.26	22.5	0
40	PI/2 BPSK	216	0	21.24	21.30	21.26		
40	QPSK	1	1	21.37	21.44	21.41	22.5	0
40	QPSK	1	108	21.19	21.38	21.36		
40	QPSK	1	214	21.32	21.39	21.41		
40	QPSK	108	0	21.29	21.42	21.20	22.5	0
40	QPSK	108	54	21.30	21.37	21.41	22.5	0
40	QPSK	108	108	21.23	21.25	21.40	22.5	0
40	QPSK	216	0	21.34	21.35	21.24		
40	16QAM	1	1	21.28	21.38	21.40	22.5	0
40	64QAM	1	1	19.78	20.00	19.93	21.5	1
40	256QAM	1	1	18.43	18.56	18.36	19.5	3
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.05	21.06	21.07	22.5	0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	21.16	21.03	20.99	22.5	0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.96	21.05	21.10	22.5	0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.17	21.21	21.00	22.5	0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.01	21.22	21.22	22.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.83	15.83	15.59	17	0
100	PI/2 BPSK	1	137	15.66	15.84	15.58		
100	PI/2 BPSK	1	271	15.72	15.64	15.75		
100	PI/2 BPSK	135	0	15.38	15.5	15.45	17	0
100	PI/2 BPSK	135	69	15.69	15.9	15.61	17	0
100	PI/2 BPSK	135	138	15.54	15.36	15.44	17	0
100	PI/2 BPSK	270	0	15.4	15.38	15.54		
100	QPSK	1	1	15.79	16.03	15.82	17	0
100	QPSK	1	137	15.84	16.01	15.67		
100	QPSK	1	271	15.77	15.84	15.81		
100	QPSK	135	0	15.85	15.82	15.91	17	0
100	QPSK	135	69	15.82	15.98	15.75	17	0
100	QPSK	135	138	15.69	15.79	15.62	17	0
100	QPSK	270	0	15.72	15.85	15.66		
100	16QAM	1	1	15.63	15.65	15.77	17	0
100	64QAM	1	1	15.62	15.68	15.74	17	0
100	256QAM	1	1	15.81	15.71	15.8	17	0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.63	15.84	15.84	17	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.79	15.83	15.64	17	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.72	15.88	15.63	17	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.68	16.05	15.69	17	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.77	16.03	15.64	17	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.65	16.04	15.61	17	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.75	15.81	15.69	17	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.61	15.97	15.76	17	0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.65	15.82	15.63	17	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.58	15.95	15.61	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.49		17	0
100	PI/2 BPSK	1	137		15.4			
100	PI/2 BPSK	1	271		15.55			
100	PI/2 BPSK	135	0		15.49		17	0
100	PI/2 BPSK	135	69		15.32		17	0
100	PI/2 BPSK	135	138		15.39		17	0
100	PI/2 BPSK	270	0		15.26			
100	QPSK	1	1		15.67		17	0
100	QPSK	1	137		15.27			
100	QPSK	1	271		15.46			
100	QPSK	135	0		15.39		17	0
100	QPSK	135	69		15.42		17	0
100	QPSK	135	138		15.31		17	0
100	QPSK	270	0		15.38			
100	16QAM	1	1		15.51		17	0
100	64QAM	1	1		15.25		17	0
100	256QAM	1	1		14.23		17	0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.16	15.28	15.31	17	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.21	15.16	15.32	17	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.22	15.21	15.3	17	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.14	15.18	15.22	17	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.13	15.26	15.2	17	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.31	15.31	15.14	17	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.32	15.11	15.31	17	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.15	15.11	15.21	17	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.25	15.31	15.11	17	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.3	15.23	15.29	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.22	19.3	19.13	20.5	0
100	PI/2 BPSK	1	137	19.2	19.21	19.25		
100	PI/2 BPSK	1	271	19.3	19.25	19.19		
100	PI/2 BPSK	135	0	19.3	19.27	19.14	20.5	0
100	PI/2 BPSK	135	69	19.24	19.24	19.18	20.5	0
100	PI/2 BPSK	135	138	19.24	19.35	19.25	20.5	0
100	PI/2 BPSK	270	0	19.22	19.27	19.16		
100	QPSK	1	1	19.3	19.36	19.28	20.5	0
100	QPSK	1	137	19.27	19.31	19.23		
100	QPSK	1	271	19.12	19.29	19.12		
100	QPSK	135	0	19.19	19.23	19.28	20.5	0
100	QPSK	135	69	19.3	19.33	19.21	20.5	0
100	QPSK	135	138	19.31	19.26	19.17	20.5	0
100	QPSK	270	0	19.24	19.28	19.1		
100	16QAM	1	1	19.24	19.26	19.14	20.5	0
100	64QAM	1	1	19.24	19.19	19.26	20.5	0
100	256QAM	1	1	17.55	17.83	17.46	18.5	2
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.1	19.2	19.06	20.5	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.03	19.09	19.02	20.5	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.02	19.11	18.96	20.5	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.14	19.13	18.95	20.5	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.11	19.04	19.01	20.5	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.99	19.09	19.05	20.5	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.08	19.02	18.99	20.5	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.08	19.07	18.92	20.5	0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.1	19.06	18.99	20.5	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.15	19.14	19.1	20.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.15		20.5	0
100	PI/2 BPSK	1	137		19.01			
100	PI/2 BPSK	1	271		19.01			
100	PI/2 BPSK	135	0		19.02		20.5	0
100	PI/2 BPSK	135	69		19.16		20.5	0
100	PI/2 BPSK	135	138		19.17		20.5	0
100	PI/2 BPSK	270	0		19.16			
100	QPSK	1	1		19.24		20.5	0
100	QPSK	1	137		19.08			
100	QPSK	1	271		19.13			
100	QPSK	135	0		19.06		20.5	0
100	QPSK	135	69		19.23		20.5	0
100	QPSK	135	138		19.01		20.5	0
100	QPSK	270	0		19.12			
100	16QAM	1	1		19.19		20.5	0
100	64QAM	1	1		19		20.5	0
100	256QAM	1	1		17.61		18.5	2
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.92	19.09	18.96	20.5	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.99	18.99	18.83	20.5	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.01	19.15	18.98	20.5	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.96	19.01	18.92	20.5	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19	19.02	18.88	20.5	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.93	19.1	18.87	20.5	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.97	19.14	18.84	20.5	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.89	19.1	18.92	20.5	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.93	19.08	18.82	20.5	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.99	19.01	18.91	20.5	0

Reduced Power Mode for Main PA ECI3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				375000	376000	377000		
Frequency (MHz)				1875	1880	1885		
50	PI/2 BPSK	1	1	20.51	20.71	20.56	21.8	0
50	PI/2 BPSK	1	135	20.58	20.68	20.55		
50	PI/2 BPSK	1	268	20.54	20.61	20.54		
50	PI/2 BPSK	135	0	20.67	20.57	20.6	21.8	0
50	PI/2 BPSK	135	68	20.57	20.72	20.5	21.8	0
50	PI/2 BPSK	135	135	20.59	20.65	20.5	21.8	0
50	PI/2 BPSK	270	0	20.52	20.73	20.58		
50	QPSK	1	1	20.71	20.77	20.69	21.8	0
50	QPSK	1	135	20.66	20.68	20.65		
50	QPSK	1	268	20.67	20.56	20.64		
50	QPSK	135	0	20.5	20.59	20.65	21.8	0
50	QPSK	135	68	20.66	20.75	20.5	21.8	0
50	QPSK	135	135	20.68	20.56	20.65	21.8	0
50	QPSK	270	0	20.55	20.63	20.56		
50	16QAM	1	1	20.57	20.71	20.49	21.8	0
50	64QAM	1	1	19.96	20.12	20.08	21	0.8
50	256QAM	1	1	18.7	18.77	18.65	19	2.8
Channel				374000	376000	378000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1870	1880	1890		
40	QPSK	1	1	19.68	19.69	19.73	21.8	0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	19.8	19.82	19.83	21.8	0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	19.84	19.93	19.86	21.8	0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	19.75	19.84	19.84	21.8	0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.88	19.92	19.86	21.8	0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.81	19.94	19.82	21.8	0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.88	19.94	19.77	21.8	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		22.71		24	0
25	PI/2 BPSK	1	64		22.85			
25	PI/2 BPSK	1	131		23.02			
25	PI/2 BPSK	64	0		22.32		23.5	0.5
25	PI/2 BPSK	64	33		22.9		24	0
25	PI/2 BPSK	64	65		22.26		23.5	0.5
25	PI/2 BPSK	128	0		22.47			
25	QPSK	1	1		23.08		24	0
25	QPSK	1	64		22.94			
25	QPSK	1	131		22.92			
25	QPSK	64	0		21.96		23	1
25	QPSK	64	33		23.03		24	0
25	QPSK	64	65		21.71		23	1
25	QPSK	128	0		21.96			
25	16QAM	1	1		21.48		23	1
25	64QAM	1	1		20.06		21.5	2.5
25	256QAM	1	1		18.53		19.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.93	23.01	22.96	24	0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.77	23.04	22.84	24	0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.78	23.04	22.79	24	0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.84	22.95	22.87	24	0

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BW [MHz]	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	16.74	16.75	16.69	18	0
50	PI/2 BPSK	1	135	16.63	16.74	16.65		
50	PI/2 BPSK	1	268	16.56	16.71	16.57		
50	PI/2 BPSK	135	0	16.7	16.8	16.71	18	0
50	PI/2 BPSK	135	68	16.69	16.82	16.68	18	0
50	PI/2 BPSK	135	135	16.63	16.81	16.57	18	0
50	PI/2 BPSK	270	0	16.7	16.75	16.69		
50	QPSK	1	1	16.77	16.88	16.74	18	0
50	QPSK	1	135	16.61	16.76	16.62		
50	QPSK	1	268	16.58	16.71	16.64		
50	QPSK	135	0	16.62	16.75	16.66	18	0
50	QPSK	135	68	16.57	16.76	16.57	18	0
50	QPSK	135	135	16.64	16.69	16.54	18	0
50	QPSK	270	0	16.67	16.81	16.67		
50	16QAM	1	1	16.74	16.84	16.68	18	0
50	64QAM	1	1	16.67	16.83	16.69	18	0
50	256QAM	1	1	16.67	16.71	16.56	18	0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	16.28	16.36	16.19	18	0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.21	16.39	16.32	18	0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.24	16.45	16.27	18	0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	16.29	16.41	16.23	18	0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.22	16.33	16.19	18	0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.3	16.38	16.21	18	0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.28	16.3	16.27	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.42	18.55	18.52	19.7	0
40	PI/2 BPSK	1	108	18.53	18.59	18.43		
40	PI/2 BPSK	1	214	18.57	18.54	18.47		
40	PI/2 BPSK	108	0	18.43	18.46	18.52	19.7	0
40	PI/2 BPSK	108	54	18.42	18.53	18.48	19.7	0
40	PI/2 BPSK	108	108	18.53	18.46	18.35	19.7	0
40	PI/2 BPSK	216	0	18.41	18.45	18.51		
40	QPSK	1	1	18.62	18.66	18.56	19.7	0
40	QPSK	1	108	18.52	18.61	18.47		
40	QPSK	1	214	18.55	18.56	18.42		
40	QPSK	108	0	18.52	18.45	18.44	19.7	0
40	QPSK	108	54	18.58	18.61	18.53	19.7	0
40	QPSK	108	108	18.56	18.5	18.36	19.7	0
40	QPSK	216	0	18.5	18.51	18.44		
40	16QAM	1	1	18.58	18.55	18.47	19.7	0
40	64QAM	1	1	18.51	18.59	18.38	19.7	0
40	256QAM	1	1	18.57	18.52	18.39	19.5	0.2
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.14	18.08	18.15	19.7	0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.04	18.17	18.08	19.7	0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.15	18.12	18.11	19.7	0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.19	18.13	18	19.7	0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.04	18.07	18	19.7	0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.18	18.22	18.14	19.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.5	17.46	17.28	18.9	0
40	PI/2 BPSK	1	108	17.44	17.4	17.44		
40	PI/2 BPSK	1	214	17.44	17.49	17.32		
40	PI/2 BPSK	108	0	17.54	17.53	17.34	18.9	0
40	PI/2 BPSK	108	54	17.54	17.4	17.41	18.9	0
40	PI/2 BPSK	108	108	17.53	17.44	17.39	18.9	0
40	PI/2 BPSK	216	0	17.44	17.53	17.43		
40	QPSK	1	1	17.57	17.61	17.48	18.9	0
40	QPSK	1	108	17.44	17.4	17.32		
40	QPSK	1	214	17.45	17.43	17.36		
40	QPSK	108	0	17.43	17.44	17.43	18.9	0
40	QPSK	108	54	17.46	17.47	17.34	18.9	0
40	QPSK	108	108	17.41	17.44	17.36	18.9	0
40	QPSK	216	0	17.44	17.45	17.3		
40	16QAM	1	1	17.47	17.54	17.3	18.9	0
40	64QAM	1	1	17.45	17.53	17.37	18.9	0
40	256QAM	1	1	17.47	17.43	17.3	18.9	0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.37	17.29	17.24	18.9	0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	17.48	17.38	17.19	18.9	0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.34	17.38	17.35	18.9	0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.47	17.31	17.28	18.9	0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.46	17.3	17.25	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.81	18.89	18.79	20.1	0
100	PI/2 BPSK	1	137	18.82	18.87	18.91		
100	PI/2 BPSK	1	271	18.72	18.95	18.89		
100	PI/2 BPSK	135	0	18.78	18.93	18.92	20.1	0
100	PI/2 BPSK	135	69	18.77	18.95	18.92	20.1	0
100	PI/2 BPSK	135	138	18.78	18.94	18.94	20.1	0
100	PI/2 BPSK	270	0	18.73	18.85	18.77		
100	QPSK	1	1	18.86	19.05	18.97	20.1	0
100	QPSK	1	137	18.8	19	18.83		
100	QPSK	1	271	18.71	18.96	18.85		
100	QPSK	135	0	18.66	18.87	18.77	20.1	0
100	QPSK	135	69	18.7	18.89	18.83	20.1	0
100	QPSK	135	138	18.78	18.88	18.88	20.1	0
100	QPSK	270	0	18.71	18.99	18.89		
100	16QAM	1	1	18.67	18.91	18.86	20.1	0
100	64QAM	1	1	18.65	19	18.9	20.1	0
100	256QAM	1	1	18.57	18.73	18.85	19.5	0.6
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.3	18.58	18.49	20.1	0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.33	18.62	18.5	20.1	0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.28	18.56	18.49	20.1	0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.33	18.62	18.43	20.1	0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.42	18.46	18.46	20.1	0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.32	18.57	18.44	20.1	0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.31	18.49	18.51	20.1	0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.43	18.6	18.44	20.1	0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.44	18.47	18.43	20.1	0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.29	18.55	18.43	20.1	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				375000	376000	377000		
Frequency (MHz)				1875	1880	1885		
50	PI/2 BPSK	1	1	16.95	17.06	16.96	18.3	0
50	PI/2 BPSK	1	135	16.89	17.01	16.93		
50	PI/2 BPSK	1	268	17.03	17.04	17.01		
50	PI/2 BPSK	135	0	17.04	17.12	17.03	18.3	0
50	PI/2 BPSK	135	68	16.92	17.15	17.04	18.3	0
50	PI/2 BPSK	135	135	16.97	17.03	17.00	18.3	0
50	PI/2 BPSK	270	0	16.95	17.12	16.99		
50	QPSK	1	1	17.08	17.19	17.13	18.3	0
50	QPSK	1	135	16.90	16.98	17.10		
50	QPSK	1	268	16.98	17.04	16.98		
50	QPSK	135	0	16.89	16.99	16.96	18.3	0
50	QPSK	135	68	17.04	17.11	16.98	18.3	0
50	QPSK	135	135	17.03	17.02	17.09	18.3	0
50	QPSK	270	0	17.00	17.16	16.96		
50	16QAM	1	1	16.89	17.03	16.97	18.3	0
50	64QAM	1	1	16.95	16.98	17.01	18.3	0
50	256QAM	1	1	16.88	17.05	17.05	18.3	0
Channel				374000	376000	378000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1870	1880	1890		
40	QPSK	1	1	16.51	16.59	16.49	18.3	0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	16.59	16.61	16.58	18.3	0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	16.6	16.65	16.66	18.3	0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	16.63	16.75	16.56	18.3	0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.55	16.62	16.62	18.3	0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.57	16.67	16.66	18.3	0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.58	16.7	16.68	18.3	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		22.22		24	0
25	PI/2 BPSK	1	64		22.39			
25	PI/2 BPSK	1	131		22.48			
25	PI/2 BPSK	64	0		22.15		23.5	0.5
25	PI/2 BPSK	64	33		22.59		24	0
25	PI/2 BPSK	64	65		21.93		23.5	0.5
25	PI/2 BPSK	128	0		22.14			
25	QPSK	1	1		22.73		24	0
25	QPSK	1	64		22.47			
25	QPSK	1	131		22.42			
25	QPSK	64	0		21.53		23	1
25	QPSK	64	33		22.62		24	0
25	QPSK	64	65		21.47		23	1
25	QPSK	128	0		21.72			
25	16QAM	1	1		21.09		23	1
25	64QAM	1	1		19.5		21.5	2.5
25	256QAM	1	1		18.39		19.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.7	22.71	22.68	24	0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.51	22.6	22.71	24	0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.66	22.67	22.71	24	0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.68	22.6	22.6	24	0

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BW [MHz]	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	17.33	17.42	17.27	18.6	0
50	PI/2 BPSK	1	135	17.23	17.41	17.13		
50	PI/2 BPSK	1	268	17.26	17.28	17.16		
50	PI/2 BPSK	135	0	17.37	17.44	17.18	18.6	0
50	PI/2 BPSK	135	68	17.21	17.28	17.27	18.6	0
50	PI/2 BPSK	135	135	17.23	17.29	17.16	18.6	0
50	PI/2 BPSK	270	0	17.37	17.41	17.2		
50	QPSK	1	1	17.41	17.47	17.31	18.6	0
50	QPSK	1	135	17.22	17.26	17.12		
50	QPSK	1	268	17.34	17.34	17.26		
50	QPSK	135	0	17.3	17.37	17.28	18.6	0
50	QPSK	135	68	17.37	17.41	17.18	18.6	0
50	QPSK	135	135	17.26	17.26	17.16	18.6	0
50	QPSK	270	0	17.33	17.34	17.18		
50	16QAM	1	1	17.24	17.41	17.15	18.6	0
50	64QAM	1	1	17.22	17.43	17.28	18.6	0
50	256QAM	1	1	17.36	17.33	17.14	18.6	0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	16.92	17.04	16.87	18.6	0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.9	16.91	16.84	18.6	0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.98	17.03	16.84	18.6	0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	16.91	16.89	16.79	18.6	0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.84	16.95	16.77	18.6	0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.97	17.01	16.86	18.6	0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.84	16.92	16.89	18.6	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.3	15.38	15.25	16.4	0
40	PI/2 BPSK	1	108	15.37	15.44	15.32		
40	PI/2 BPSK	1	214	15.34	15.36	15.36		
40	PI/2 BPSK	108	0	15.26	15.46	15.21	16.4	0
40	PI/2 BPSK	108	54	15.31	15.35	15.32	16.4	0
40	PI/2 BPSK	108	108	15.4	15.35	15.39	16.4	0
40	PI/2 BPSK	216	0	15.27	15.34	15.26		
40	QPSK	1	1	15.43	15.49	15.42	16.4	0
40	QPSK	1	108	15.24	15.28	15.31		
40	QPSK	1	214	15.32	15.34	15.24		
40	QPSK	108	0	15.37	15.4	15.34	16.4	0
40	QPSK	108	54	15.34	15.41	15.31	16.4	0
40	QPSK	108	108	15.27	15.29	15.23	16.4	0
40	QPSK	216	0	15.33	15.36	15.3		
40	16QAM	1	1	15.25	15.28	15.22	16.4	0
40	64QAM	1	1	15.29	15.38	15.34	16.4	0
40	256QAM	1	1	15.36	15.38	15.34	16.4	0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	14.97	14.93	14.93	16.4	0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	14.96	15.02	14.86	16.4	0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	14.94	15	14.86	16.4	0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	14.93	15.01	14.91	16.4	0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.01	15.04	14.92	16.4	0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	14.87	14.99	14.84	16.4	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.01	18.11	18.14	19.6	0
40	PI/2 BPSK	1	108	18.09	18.08	18.04		
40	PI/2 BPSK	1	214	17.99	18.11	17.98		
40	PI/2 BPSK	108	0	17.96	18.17	18.07	19.6	0
40	PI/2 BPSK	108	54	17.95	18.08	18	19.6	0
40	PI/2 BPSK	108	108	18.09	18.08	18.05	19.6	0
40	PI/2 BPSK	216	0	18.02	18.1	18.14		
40	QPSK	1	1	18.15	18.22	18.17	19.6	0
40	QPSK	1	108	18.11	18.14	18.12		
40	QPSK	1	214	17.96	18.12	18.12		
40	QPSK	108	0	18.01	17.99	18.04	19.6	0
40	QPSK	108	54	17.99	18.09	18.04	19.6	0
40	QPSK	108	108	17.95	18.06	18.04	19.6	0
40	QPSK	216	0	18.04	18.05	17.97		
40	16QAM	1	1	18.1	18.01	18.06	19.6	0
40	64QAM	1	1	18.05	18.08	18	19.6	0
40	256QAM	1	1	17.96	18.15	18.03	19.5	0.1
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.98	17.95	17.99	19.6	0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	17.97	17.94	17.97	19.6	0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.98	17.97	17.95	19.6	0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.92	17.99	17.95	19.6	0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.02	17.94	17.93	19.6	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.82	17.99	17.81	19.1	0
100	PI/2 BPSK	1	137	17.66	17.95	17.87		
100	PI/2 BPSK	1	271	17.83	17.98	17.94		
100	PI/2 BPSK	135	0	17.68	18.02	17.92	19.1	0
100	PI/2 BPSK	135	69	17.68	18.06	17.82	19.1	0
100	PI/2 BPSK	135	138	17.81	18	17.82	19.1	0
100	PI/2 BPSK	270	0	17.66	17.93	17.83		
100	QPSK	1	1	17.86	18.12	18.02	19.1	0
100	QPSK	1	137	17.72	17.94	17.83		
100	QPSK	1	271	17.72	17.98	17.84		
100	QPSK	135	0	17.8	17.99	17.92	19.1	0
100	QPSK	135	69	17.81	18.08	17.92	19.1	0
100	QPSK	135	138	17.74	17.99	17.86	19.1	0
100	QPSK	270	0	17.8	18.02	17.96		
100	16QAM	1	1	17.83	17.91	17.85	19.1	0
100	64QAM	1	1	17.73	18.09	17.84	19.1	0
100	256QAM	1	1	17.82	17.95	17.99	19.1	0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.41	17.62	17.57	19.1	0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.3	17.56	17.48	19.1	0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.35	17.55	17.49	19.1	0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.34	17.55	17.57	19.1	0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.3	17.65	17.52	19.1	0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.4	17.66	17.46	19.1	0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.28	17.7	17.53	19.1	0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.38	17.54	17.48	19.1	0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.35	17.58	17.58	19.1	0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.37	17.63	17.56	19.1	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.02	23.11	23.04	24	0
40	PI/2 BPSK	1	108	22.5	22.6	22.58		
40	PI/2 BPSK	1	214	21.89	21.89	21.81		
40	PI/2 BPSK	108	0	22.16	22.34	22.21	23.5	0.5
40	PI/2 BPSK	108	54	22.53	22.53	22.43	24	0
40	PI/2 BPSK	108	108	22.15	22.23	22.07	23.5	0.5
40	PI/2 BPSK	216	0	22.07	22.19	22.09		
40	QPSK	1	1	22.92	23.12	23.01	24	0
40	QPSK	1	108	22.74	22.77	22.56		
40	QPSK	1	214	22.09	22.03	22.11		
40	QPSK	108	0	21.68	21.89	21.77	23	1
40	QPSK	108	54	22.40	22.54	22.49	24	0
40	QPSK	108	108	21.11	22.50	21.01	23	1
40	QPSK	216	0	21.44	21.59	21.52		
40	16QAM	1	1	21.88	21.96	21.85	23	1
40	64QAM	1	1	20.61	20.63	20.64	21.5	2.5
40	256QAM	1	1	19.24	19.29	19.15	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	22.83	22.96	22.84	24	0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.79	23.11	22.82	24	0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.83	22.92	23.01	24	0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.8	23.07	22.89	24	0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.72	23.01	22.97	24	0

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BW [MHz]	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	22.56	22.87	22.6	24	0
100	PI/2 BPSK	1	137	22.69	22.78	22.7		
100	PI/2 BPSK	1	271	22.67	22.92	22.5		
100	PI/2 BPSK	135	0	22.65	22.91	22.48	23.5	0.5
100	PI/2 BPSK	135	69	22.71	22.76	22.55	24	0
100	PI/2 BPSK	135	138	22.66	22.8	22.7	23.5	0.5
100	PI/2 BPSK	270	0	22.65	22.73	22.65		
100	QPSK	1	1	22.72	22.93	22.69	24	0
100	QPSK	1	137	22.61	22.74	22.47		
100	QPSK	1	271	22.54	22.84	22.66		
100	QPSK	135	0	21.69	21.82	21.69	23	1
100	QPSK	135	69	22.54	22.87	22.48	24	0
100	QPSK	135	138	21.75	21.93	21.74	23	1
100	QPSK	270	0	21.65	21.86	21.8		
100	16QAM	1	1	21.68	21.96	21.59	23	1
100	64QAM	1	1	20.31	20.37	20.24	21.5	2.5
100	256QAM	1	1	18.18	18.54	18.18	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	22.2	22.38	22.17	24	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.24	22.39	22.16	24	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.2	22.41	22.23	24	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.18	22.4	22.14	24	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.19	22.47	22.15	24	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.25	22.47	22.19	24	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.17	22.4	22.22	24	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.17	22.47	22.24	24	0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.21	22.39	22.19	24	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.22	22.44	22.19	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.4		24	0
100	PI/2 BPSK	1	137		22.46			
100	PI/2 BPSK	1	271		22.55			
100	PI/2 BPSK	135	0		22.46		23.5	0.5
100	PI/2 BPSK	135	69		22.27		24	0
100	PI/2 BPSK	135	138		22.33		23.5	0.5
100	PI/2 BPSK	270	0		22.22			
100	QPSK	1	1		22.57		24	0
100	QPSK	1	137		22.28			
100	QPSK	1	271		22.53			
100	QPSK	135	0		21.63		23	1
100	QPSK	135	69		22.44		24	0
100	QPSK	135	138		21.6		23	1
100	QPSK	270	0		21.54			
100	16QAM	1	1		21.58		23	1
100	64QAM	1	1		20.05		21.5	2.5
100	256QAM	1	1		18.11		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	22.5	22.51	22.46	24	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.4	22.47	22.38	24	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.53	22.41	22.37	24	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.48	22.49	22.39	24	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.54	22.48	22.51	24	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.44	22.5	22.44	24	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.5	22.42	22.47	24	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.47	22.37	22.4	24	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.53	22.48	22.37	24	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.53	22.4	22.43	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.03	17.18	17.11	18.4	0
100	PI/2 BPSK	1	137	17.09	17.15	17.11		
100	PI/2 BPSK	1	271	17.02	17.28	17.08		
100	PI/2 BPSK	135	0	17.14	17.24	17.15	18.4	0
100	PI/2 BPSK	135	69	17.05	17.21	17.09	18.4	0
100	PI/2 BPSK	135	138	17.04	17.27	17.16	18.4	0
100	PI/2 BPSK	270	0	17.1	17.23	17.08		
100	QPSK	1	1	17.19	17.35	17.29	18.4	0
100	QPSK	1	137	17.05	17.29	17.24		
100	QPSK	1	271	16.99	17.28	17.23		
100	QPSK	135	0	17.09	17.17	17.09	18.4	0
100	QPSK	135	69	17.1	17.28	17.15	18.4	0
100	QPSK	135	138	17	17.23	17.2	18.4	0
100	QPSK	270	0	17.09	17.3	17.11		
100	16QAM	1	1	17.15	17.27	17.14	18.4	0
100	64QAM	1	1	17.03	17.27	17.18	18.4	0
100	256QAM	1	1	17.12	17.3	17.13	18.4	0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.68	16.91	16.81	18.4	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.68	16.84	16.78	18.4	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.74	16.76	16.77	18.4	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.68	16.78	16.87	18.4	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.63	16.86	16.76	18.4	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.66	16.82	16.73	18.4	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.69	16.81	16.77	18.4	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.67	16.78	16.83	18.4	0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.78	16.93	16.81	18.4	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.66	16.86	16.76	18.4	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.02		18.4	0
100	PI/2 BPSK	1	137		17.12			
100	PI/2 BPSK	1	271		17.12			
100	PI/2 BPSK	135	0		16.97		18.4	0
100	PI/2 BPSK	135	69		16.99		18.4	0
100	PI/2 BPSK	135	138		17.01		18.4	0
100	PI/2 BPSK	270	0		17.08			
100	QPSK	1	1		17.18		18.4	0
100	QPSK	1	137		17.12			
100	QPSK	1	271		17.08			
100	QPSK	135	0		17		18.4	0
100	QPSK	135	69		17.11		18.4	0
100	QPSK	135	138		17.08		18.4	0
100	QPSK	270	0		16.98			
100	16QAM	1	1		17.11		18.4	0
100	64QAM	1	1		16.98		18.4	0
100	256QAM	1	1		17.11		18.4	0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.77	16.88	16.74	18.4	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.68	16.93	16.8	18.4	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.75	16.92	16.77	18.4	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.74	16.91	16.84	18.4	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.69	16.87	16.75	18.4	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.62	16.8	16.81	18.4	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.68	16.86	16.84	18.4	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.66	16.8	16.79	18.4	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.69	16.82	16.74	18.4	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.72	16.83	16.86	18.4	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.97	19.09	19.07	20.5	0
40	PI/2 BPSK	1	108	19.08	19.19	19.07		
40	PI/2 BPSK	1	214	18.86	19.05	19.16		
40	PI/2 BPSK	108	0	18.96	19.14	19.05	20.5	0
40	PI/2 BPSK	108	54	19.03	19.11	18.94	20.5	0
40	PI/2 BPSK	108	108	18.89	19.10	19.14	20.5	0
40	PI/2 BPSK	216	0	18.98	19.16	19.10		
40	QPSK	1	1	19.07	19.21	19.16	20.5	0
40	QPSK	1	108	18.94	18.99	19.02		
40	QPSK	1	214	19.11	19.07	19.08		
40	QPSK	108	0	19.08	19.14	19.04	20.5	0
40	QPSK	108	54	18.97	19.17	19.04	20.5	0
40	QPSK	108	108	19.08	19.13	19.01	20.5	0
40	QPSK	216	0	19.01	19.03	18.98		
40	16QAM	1	1	18.86	19.16	19.09	20.5	0
40	64QAM	1	1	19.04	19.09	18.98	20.5	0
40	256QAM	1	1	18.43	18.56	18.36	19.5	1
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.06	19.13	19.14	20.5	0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	18.96	19.09	18.99	20.5	0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.89	19.12	19.14	20.5	0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.08	19.20	18.95	20.5	0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.85	19.13	19.09	20.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.35	15.39	15.21	16.5	0
100	PI/2 BPSK	1	137	15.37	15.36	15.12		
100	PI/2 BPSK	1	271	15.32	15.31	15.29		
100	PI/2 BPSK	135	0	14.99	14.92	15.06	16.5	0
100	PI/2 BPSK	135	69	15.25	15.40	15.12	16.5	0
100	PI/2 BPSK	135	138	15.00	14.90	14.94	16.5	0
100	PI/2 BPSK	270	0	14.80	14.97	15.05		
100	QPSK	1	1	15.35	15.45	15.39	16.5	0
100	QPSK	1	137	15.34	15.38	15.25		
100	QPSK	1	271	15.13	15.23	15.33		
100	QPSK	135	0	15.30	15.25	15.25	16.5	0
100	QPSK	135	69	15.26	15.41	15.26	16.5	0
100	QPSK	135	138	15.23	15.27	15.26	16.5	0
100	QPSK	270	0	15.31	15.40	15.21		
100	16QAM	1	1	15.28	15.34	15.21	16.5	0
100	64QAM	1	1	15.07	15.24	15.21	16.5	0
100	256QAM	1	1	15.36	15.35	15.18	16.5	0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.15	15.36	15.19	16.5	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.22	15.35	15.34	16.5	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.2	15.31	15.38	16.5	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.22	15.29	15.37	16.5	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.18	15.24	15.28	16.5	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.34	15.35	15.18	16.5	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.26	15.2	15.24	16.5	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.16	15.26	15.28	16.5	0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.37	15.24	15.21	16.5	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.32	15.29	15.17	16.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.01		16.5	0
100	PI/2 BPSK	1	137		14.91			
100	PI/2 BPSK	1	271		14.77			
100	PI/2 BPSK	135	0		14.36		16.5	0
100	PI/2 BPSK	135	69		15.09		16.5	0
100	PI/2 BPSK	135	138		14.47		16.5	0
100	PI/2 BPSK	270	0		14.51			
100	QPSK	1	1		15.22		16.5	0
100	QPSK	1	137		15.12			
100	QPSK	1	271		14.86			
100	QPSK	135	0		15.04		16.5	0
100	QPSK	135	69		15.06		16.5	0
100	QPSK	135	138		14.99		16.5	0
100	QPSK	270	0		14.99			
100	16QAM	1	1		14.86		16.5	0
100	64QAM	1	1		14.78		16.5	0
100	256QAM	1	1		14.68		16.5	0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.22	15.02	15.16	16.5	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.14	15.24	15.08	16.5	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.02	15.22	15.03	16.5	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.1	15.06	15.16	16.5	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.2	15.01	15.03	16.5	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.08	15.13	15.03	16.5	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.1	15.13	15.16	16.5	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.24	15.03	15.1	16.5	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.08	15.08	15.06	16.5	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.1	15.2	15.14	16.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.41	18.37	18.03	19.8	0
100	PI/2 BPSK	1	137	18.4	18.38	18.07		
100	PI/2 BPSK	1	271	18.15	18.42	17.87		
100	PI/2 BPSK	135	0	18.48	18.43	17.87	19.8	0
100	PI/2 BPSK	135	69	18.1	18.5	17.95	19.8	0
100	PI/2 BPSK	135	138	18.45	18.5	17.96	19.8	0
100	PI/2 BPSK	270	0	18.3	18.45	17.92		
100	QPSK	1	1	18.56	18.59	18.1	19.8	0
100	QPSK	1	137	18.16	18.37	18.13		
100	QPSK	1	271	18.24	18.56	17.84		
100	QPSK	135	0	18.39	18.4	17.87	19.8	0
100	QPSK	135	69	18.38	18.51	17.92	19.8	0
100	QPSK	135	138	18.29	18.42	18	19.8	0
100	QPSK	270	0	18.31	18.43	18.02		
100	16QAM	1	1	18.27	18.43	18.03	19.8	0
100	64QAM	1	1	18.11	18.4	18.12	19.8	0
100	256QAM	1	1	17.55	17.83	17.46	18.5	1.3
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.4	18.41	18	19.8	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.36	18.51	18.01	19.8	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.39	18.5	18.09	19.8	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.54	18.6	18.04	19.8	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.36	18.58	18.05	19.8	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.5	18.56	18.11	19.8	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.42	18.44	17.96	19.8	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.53	18.48	18.1	19.8	0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.46	18.46	18.11	19.8	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.57	18.42	18.06	19.8	0

Part27O n78 Ant 8

BW [MHz]	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		18.18		19.8	0
100	PI/2 BPSK	1	137		18.02			
100	PI/2 BPSK	1	271		18.24			
100	PI/2 BPSK	135	0		18.39		19.8	0
100	PI/2 BPSK	135	69		18.38		19.8	0
100	PI/2 BPSK	135	138		18.40		19.8	0
100	PI/2 BPSK	270	0		18.32			
100	QPSK	1	1		18.45		19.8	0
100	QPSK	1	137		18.41			
100	QPSK	1	271		18.23			
100	QPSK	135	0		18.14		19.8	0
100	QPSK	135	69		18.30		19.8	0
100	QPSK	135	138		18.23		19.8	0
100	QPSK	270	0		18.27			
100	16QAM	1	1		18.22		19.8	0
100	64QAM	1	1		18.26		19.8	0
100	256QAM	1	1		17.61		18.5	1.3
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.15	18.03	18.07	19.8	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.95	18.14	18.01	19.8	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.98	18.11	17.96	19.8	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.08	18.08	18.02	19.8	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.07	17.92	18.1	19.8	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.97	18.09	17.97	19.8	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.06	18.15	17.99	19.8	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.97	18.15	18.09	19.8	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.12	18.02	17.95	19.8	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.93	17.93	18.14	19.8	0

Reduced Power Mode for Main PA ECI4

n2 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				375000	376000	377000		
Frequency (MHz)				1875	1880	1885		
50	PI/2 BPSK	1	1	22.38	22.47	22.45	23.5	0
50	PI/2 BPSK	1	135	22.28	22.43	22.42		
50	PI/2 BPSK	1	268	22.34	22.4	22.3		
50	PI/2 BPSK	135	0	22.01	22.09	22.06	23	0.5
50	PI/2 BPSK	135	68	22.54	22.59	22.48	23.5	0
50	PI/2 BPSK	135	135	21.81	21.95	21.86	23	0.5
50	PI/2 BPSK	270	0	21.98	22.09	21.97		
50	QPSK	1	1	22.51	22.64	22.58	23.5	0
50	QPSK	1	135	22.3	22.39	22.31		
50	QPSK	1	268	22.24	22.38	22.34		
50	QPSK	135	0	21.52	21.58	21.51	22.5	1
50	QPSK	135	68	22.46	22.57	22.5	23.5	0
50	QPSK	135	135	21.38	21.44	21.36	22.5	1
50	QPSK	270	0	21.43	21.59	21.52		
50	16QAM	1	1	21.11	21.16	21.06	22.5	1
50	64QAM	1	1	19.56	19.72	19.68	21	2.5
50	256QAM	1	1	18.3	18.37	18.25	19	4.5
Channel				374000	376000	378000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1870	1880	1890		
40	QPSK	1	1	22.31	22.59	22.33	23.5	0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.38	22.57	22.39	23.5	0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.5	22.6	22.47	23.5	0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.33	22.56	22.38	23.5	0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.4	22.57	22.51	23.5	0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.41	22.54	22.54	23.5	0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.41	22.58	22.5	23.5	0

n5 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		22.22		24	0
25	PI/2 BPSK	1	64		22.39			
25	PI/2 BPSK	1	131		22.48			
25	PI/2 BPSK	64	0		22.15		23.5	0.5
25	PI/2 BPSK	64	33		22.59		24	0
25	PI/2 BPSK	64	65		21.93		23.5	0.5
25	PI/2 BPSK	128	0		22.14			
25	QPSK	1	1		22.73		24	0
25	QPSK	1	64		22.47			
25	QPSK	1	131		22.42			
25	QPSK	64	0		21.53		23	1
25	QPSK	64	33		22.62		24	0
25	QPSK	64	65		21.47		23	1
25	QPSK	128	0		21.72			
25	16QAM	1	1		21.09		23	1
25	64QAM	1	1		19.5		21.5	2.5
25	256QAM	1	1		18.39		19.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.7	22.71	22.68	24	0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.51	22.6	22.71	24	0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.66	22.67	22.71	24	0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.68	22.6	22.6	24	0

n7 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.67	22.83	22.74	24	0
50	PI/2 BPSK	1	135	22.86	22.94	22.78		
50	PI/2 BPSK	1	268	22.89	22.93	22.78		
50	PI/2 BPSK	135	0	22.32	22.48	22.41	23.5	0.5
50	PI/2 BPSK	135	68	22.74	22.88	22.84	24	0
50	PI/2 BPSK	135	135	22.41	22.49	22.33	23.5	0.5
50	PI/2 BPSK	270	0	22.43	22.47	22.34		
50	QPSK	1	1	22.87	23.02	22.99	24	0
50	QPSK	1	135	22.74	22.86	22.83		
50	QPSK	1	268	22.86	22.95	22.81		
50	QPSK	135	0	21.85	21.93	21.81	23	1
50	QPSK	135	68	22.97	23.01	22.86	24	0
50	QPSK	135	135	21.77	21.96	21.96	23	1
50	QPSK	270	0	21.84	21.94	21.89		
50	16QAM	1	1	21.5	21.56	21.38	23	1
50	64QAM	1	1	19.94	20.09	20.09	21.5	2.5
50	256QAM	1	1	18.53	18.73	18.69	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.86	22.9	22.97	24	0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.82	23	22.98	24	0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.82	22.95	22.95	24	0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.73	22.92	22.97	24	0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.69	22.98	22.85	24	0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.72	22.88	22.83	24	0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.75	23.02	22.81	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.08	23.06	23.03	24	0
40	PI/2 BPSK	1	108	23.24	23.19	23.12		
40	PI/2 BPSK	1	214	23.02	23.07	23.16		
40	PI/2 BPSK	108	0	22.63	22.72	22.63	23.5	0.5
40	PI/2 BPSK	108	54	23.12	23.11	23.17	24	0
40	PI/2 BPSK	108	108	22.52	22.71	22.68	23.5	0.5
40	PI/2 BPSK	216	0	22.52	22.72	22.81		
40	QPSK	1	1	23.21	23.25	23.11	24	0
40	QPSK	1	108	23.1	23.04	23.07		
40	QPSK	1	214	23.01	23.24	22.97		
40	QPSK	108	0	22.22	22.17	22.07	23	1
40	QPSK	108	54	23.19	23.23	23.12	24	0
40	QPSK	108	108	21.98	22.29	22.15	23	1
40	QPSK	216	0	22.22	22.23	22.1		
40	16QAM	1	1	21.82	21.78	21.64	23	1
40	64QAM	1	1	20.31	20.29	20.17	21.5	2.5
40	256QAM	1	1	18.8	19.08	18.78	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.13	23.16	23.02	24	0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.23	23.13	22.92	24	0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.07	23.12	22.9	24	0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.13	23.2	23	24	0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.14	23.25	23.04	24	0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.11	23.27	23.09	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.3	23.24	23.17	24	0
40	PI/2 BPSK	1	108	23.24	23.19	23.14		
40	PI/2 BPSK	1	214	23.05	23.25	23.21		
40	PI/2 BPSK	108	0	22.48	22.75	22.61	23.5	0.5
40	PI/2 BPSK	108	54	23.27	23.21	23.04	24	0
40	PI/2 BPSK	108	108	22.48	22.57	22.66	23.5	0.5
40	PI/2 BPSK	216	0	22.66	22.86	22.64		
40	QPSK	1	1	23.26	23.37	23.25	24	0
40	QPSK	1	108	22.95	23.22	23.08		
40	QPSK	1	214	23.16	23.11	23.04		
40	QPSK	108	0	22.25	22.22	22.13	23	1
40	QPSK	108	54	23.09	23.25	23.15	24	0
40	QPSK	108	108	22.14	22.16	22.03	23	1
40	QPSK	216	0	22.21	22.29	22.24		
40	16QAM	1	1	22.02	22.07	22.04	23	1
40	64QAM	1	1	20.57	20.72	20.4	21.5	2.5
40	256QAM	1	1	19.2	19.22	19.36	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.92	24.05	23.98	24	0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.79	23.9	23.81	24	0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.82	24.06	23.94	24	0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.77	23.99	23.87	24	0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.93	24.01	23.96	24	0

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BW [MHz]	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	22.67	22.83	22.93	24	0
100	PI/2 BPSK	1	137	22.98	22.98	23.09		
100	PI/2 BPSK	1	271	22.62	22.9	22.53		
100	PI/2 BPSK	135	0	22.46	22.5	22.46	23.5	0.5
100	PI/2 BPSK	135	69	22.8	22.85	22.82	24	0
100	PI/2 BPSK	135	138	22.09	22.38	22.27	23.5	0.5
100	PI/2 BPSK	270	0	22.37	22.24	22.32		
100	QPSK	1	1	23.05	23.25	23.2	24	0
100	QPSK	1	137	22.75	23	22.97		
100	QPSK	1	271	22.37	22.72	22.65		
100	QPSK	135	0	21.73	21.89	21.99	23	1
100	QPSK	135	69	22.83	22.95	22.86	24	0
100	QPSK	135	138	21.72	21.63	21.63	23	1
100	QPSK	270	0	21.76	21.99	21.75		
100	16QAM	1	1	21.49	21.54	21.49	23	1
100	64QAM	1	1	20.2	20.1	19.85	21.5	2.5
100	256QAM	1	1	18.57	18.73	18.85	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.05	23.05	23.08	24	0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.94	23.24	23.02	24	0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.85	23.03	23.06	24	0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.88	23.22	23.02	24	0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.88	23.08	23.16	24	0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.87	23.03	23.12	24	0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.95	23.17	23.03	24	0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.96	23.09	23.19	24	0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.84	23.13	23.09	24	0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.01	23.18	23.17	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				375000	376000	377000		
Frequency (MHz)				1875	1880	1885		
50	PI/2 BPSK	1	1	21.36	21.46	21.37	23	0
50	PI/2 BPSK	1	135	21.49	21.54	21.49		
50	PI/2 BPSK	1	268	21.44	21.51	21.48		
50	PI/2 BPSK	135	0	21.07	21.14	21.06	22.5	0.5
50	PI/2 BPSK	135	68	21.58	21.63	21.5	23	0
50	PI/2 BPSK	135	135	20.85	21.03	20.98	22.5	0.5
50	PI/2 BPSK	270	0	21.1	21.16	20.99		
50	QPSK	1	1	21.5	21.66	21.55	23	0
50	QPSK	1	135	21.4	21.49	21.39		
50	QPSK	1	268	21.47	21.48	21.34		
50	QPSK	135	0	20.42	20.61	20.54	22	1
50	QPSK	135	68	21.48	21.6	21.45	23	0
50	QPSK	135	135	20.43	20.56	20.49	22	1
50	QPSK	270	0	20.58	20.67	20.56		
50	16QAM	1	1	20.22	20.25	20.2	22	1
50	64QAM	1	1	18.73	18.84	18.75	20.5	2.5
50	256QAM	1	1	17.33	17.45	17.33	18.5	4.5
Channel				374000	376000	378000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1870	1880	1890		
40	QPSK	1	1	21.33	21.56	21.44	23	0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	21.4	21.64	21.49	23	0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	21.45	21.61	21.37	23	0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	21.39	21.53	21.44	23	0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.33	21.48	21.38	23	0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.24	21.44	21.38	23	0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.33	21.39	21.41	23	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		22.22		24	0
25	PI/2 BPSK	1	64		22.39			
25	PI/2 BPSK	1	131		22.48			
25	PI/2 BPSK	64	0		22.15		23.5	0.5
25	PI/2 BPSK	64	33		22.59		24	0
25	PI/2 BPSK	64	65		21.93		23.5	0.5
25	PI/2 BPSK	128	0		22.14			
25	QPSK	1	1		22.73		24	0
25	QPSK	1	64		22.47			
25	QPSK	1	131		22.42			
25	QPSK	64	0		21.53		23	1
25	QPSK	64	33		22.62		24	0
25	QPSK	64	65		21.47		23	1
25	QPSK	128	0		21.72			
25	16QAM	1	1		21.09		23	1
25	64QAM	1	1		19.5		21.5	2.5
25	256QAM	1	1		18.39		19.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.7	22.71	22.68	24	0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.51	22.6	22.71	24	0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.66	22.67	22.71	24	0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.68	22.6	22.6	24	0

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BW [MHz]	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	22.79	22.85	22.79	24	0
50	PI/2 BPSK	1	135	23.03	23.09	22.95		
50	PI/2 BPSK	1	268	23.03	23.09	23.01		
50	PI/2 BPSK	135	0	22.46	22.48	22.41	23.5	0.5
50	PI/2 BPSK	135	68	22.93	23.05	22.95	24	0
50	PI/2 BPSK	135	135	22.51	22.52	22.38	23.5	0.5
50	PI/2 BPSK	270	0	22.49	22.57	22.43		
50	QPSK	1	1	22.97	23.15	23.06	24	0
50	QPSK	1	135	22.93	23.04	23.03		
50	QPSK	1	268	22.92	23.04	22.99		
50	QPSK	135	0	21.84	21.97	21.88	23	1
50	QPSK	135	68	23.06	23.14	23.03	24	0
50	QPSK	135	135	21.9	21.99	21.85	23	1
50	QPSK	270	0	21.92	22.04	21.92		
50	16QAM	1	1	21.35	21.48	21.46	23	1
50	64QAM	1	1	19.94	19.97	19.91	21.5	2.5
50	256QAM	1	1	18.45	18.62	18.58	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.94	23.14	23	24	0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.96	23.11	23.03	24	0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.93	23.14	22.92	24	0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.95	23.07	22.99	24	0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.92	23.07	23.02	24	0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.79	22.97	22.95	24	0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.8	23.07	23.04	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.86	22.94	23.09	24	0
40	PI/2 BPSK	1	108	22.77	22.94	22.85		
40	PI/2 BPSK	1	214	22.8	22.95	22.95		
40	PI/2 BPSK	108	0	22.32	22.63	22.32	23.5	0.5
40	PI/2 BPSK	108	54	22.88	23.12	23.01	24	0
40	PI/2 BPSK	108	108	22.35	22.56	22.44	23.5	0.5
40	PI/2 BPSK	216	0	22.58	22.64	22.49		
40	QPSK	1	1	23.15	23.27	23.11	24	0
40	QPSK	1	108	22.87	23.11	23.09		
40	QPSK	1	214	22.8	22.91	22.94		
40	QPSK	108	0	21.84	22.17	21.99	23	1
40	QPSK	108	54	22.96	23.13	22.83	24	0
40	QPSK	108	108	21.92	22.07	22.16	23	1
40	QPSK	216	0	21.97	22.12	22.06		
40	16QAM	1	1	21.6	21.68	21.35	23	1
40	64QAM	1	1	19.98	20.04	20.2	21.5	2.5
40	256QAM	1	1	18.65	18.95	18.77	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.1	23.06	22.99	24	0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.99	23.06	23.11	24	0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.05	23.06	23	24	0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.1	23.2	22.9	24	0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.04	23.19	22.96	24	0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.15	23.24	23.11	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.4	23.55	23.4	24	0
40	PI/2 BPSK	1	108	23.26	23.28	23.29		
40	PI/2 BPSK	1	214	23.18	23.4	23.18		
40	PI/2 BPSK	108	0	22.72	22.8	22.63	23.5	0.5
40	PI/2 BPSK	108	54	23.3	23.16	23.26	24	0
40	PI/2 BPSK	108	108	22.44	22.43	22.51	23.5	0.5
40	PI/2 BPSK	216	0	22.57	22.65	22.51		
40	QPSK	1	1	23.45	23.57	23.24	24	0
40	QPSK	1	108	23.25	23.36	23.2		
40	QPSK	1	214	23.21	23.16	23.02		
40	QPSK	108	0	22.08	22.14	22.27	23	1
40	QPSK	108	54	22.99	23.19	23.14	24	0
40	QPSK	108	108	22.07	22	21.91	23	1
40	QPSK	216	0	22.24	22.26	22.09		
40	16QAM	1	1	21.89	22	21.76	23	1
40	64QAM	1	1	20.37	20.42	20.57	21.5	2.5
40	256QAM	1	1	19.01	19.13	19.05	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.54	23.58	23.54	24	0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.51	23.56	23.5	24	0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.54	23.66	23.53	24	0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.5	23.68	23.48	24	0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.5	23.61	23.41	24	0

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BW [MHz]	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	22.55	22.47	22.41	24	0
100	PI/2 BPSK	1	137	22.27	22.32	22.49		
100	PI/2 BPSK	1	271	22.31	22.48	22.46		
100	PI/2 BPSK	135	0	22.05	21.94	21.89	23.5	0.5
100	PI/2 BPSK	135	69	22.46	22.44	22.36	24	0
100	PI/2 BPSK	135	138	21.81	21.92	21.91	23.5	0.5
100	PI/2 BPSK	270	0	22.01	22	21.92		
100	QPSK	1	1	22.65	22.73	22.66	24	0
100	QPSK	1	137	22.53	22.51	22.48		
100	QPSK	1	271	22.01	21.99	22.22		
100	QPSK	135	0	21.45	21.51	21.44	23	1
100	QPSK	135	69	22.54	22.55	22.54	24	0
100	QPSK	135	138	21.26	21.36	21.3	23	1
100	QPSK	270	0	21.5	21.54	21.51		
100	16QAM	1	1	21.22	21.19	21.03	23	1
100	64QAM	1	1	19.67	19.5	19.63	21.5	2.5
100	256QAM	1	1	18.18	18.2	18.21	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	22.62	22.6	24	0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.56	22.62	22.53	24	0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.61	22.71	22.51	24	0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.67	22.63	22.56	24	0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.55	22.6	22.66	24	0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.54	22.63	22.63	24	0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.5	22.64	22.66	24	0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.55	22.73	22.44	24	0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.65	22.66	22.5	24	0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.61	22.63	22.53	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.02	23.11	23.04	24	0
40	PI/2 BPSK	1	108	22.5	22.6	22.58		
40	PI/2 BPSK	1	214	21.89	21.89	21.81		
40	PI/2 BPSK	108	0	22.16	22.34	22.21	23.5	0.5
40	PI/2 BPSK	108	54	22.53	22.53	22.43	24	0
40	PI/2 BPSK	108	108	22.15	22.23	22.07	23.5	0.5
40	PI/2 BPSK	216	0	22.07	22.19	22.09		
40	QPSK	1	1	22.92	23.12	23.01	24	0
40	QPSK	1	108	22.74	22.77	22.56		
40	QPSK	1	214	22.09	22.03	22.11		
40	QPSK	108	0	21.68	21.89	21.77	23	1
40	QPSK	108	54	22.40	22.54	22.49	24	0
40	QPSK	108	108	21.11	22.50	21.01	23	1
40	QPSK	216	0	21.44	21.59	21.52		
40	16QAM	1	1	21.88	21.96	21.85	23	1
40	64QAM	1	1	20.61	20.63	20.64	21.5	2.5
40	256QAM	1	1	19.24	19.29	19.15	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	22.83	22.96	22.84	24	0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.79	23.12	22.82	24	0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.83	22.92	23.01	24	0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.8	23.07	22.89	24	0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.72	23.01	22.97	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.95	22.42	21.98	23.5	0
100	PI/2 BPSK	1	137	22.28	22.35	22.18		
100	PI/2 BPSK	1	271	22.17	22.33	21.93		
100	PI/2 BPSK	135	0	22.11	22.36	21.94	23.5	0
100	PI/2 BPSK	135	69	22.1	22.37	22.03	23.5	0
100	PI/2 BPSK	135	138	22.15	22.39	22.14	23.5	0
100	PI/2 BPSK	270	0	22.22	22.17	22.16		
100	QPSK	1	1	22.21	22.53	22.31	23.5	0
100	QPSK	1	137	22.18	22.33	21.99		
100	QPSK	1	271	22.05	22.43	22.23		
100	QPSK	135	0	22.11	22.23	22.26	23	0.5
100	QPSK	135	69	22.14	22.41	22.03	23.5	0
100	QPSK	135	138	22.15	22.26	21.95	23	0.5
100	QPSK	270	0	21.97	22.42	22.01		
100	16QAM	1	1	21.68	21.96	21.59	23	0.5
100	64QAM	1	1	20.31	20.37	20.24	21.5	2
100	256QAM	1	1	18.18	18.54	18.18	19.5	4
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.07	22.44	22.31	23.5	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.1	22.49	22.11	23.5	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.2	22.47	22.19	23.5	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.07	22.4	22.21	23.5	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.19	22.41	22.14	23.5	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.04	22.51	22.32	23.5	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.02	22.35	22.29	23.5	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.06	22.52	22.24	23.5	0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.02	22.43	22.16	23.5	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.18	22.41	22.13	23.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.97		23.5	0
100	PI/2 BPSK	1	137		21.97			
100	PI/2 BPSK	1	271		22			
100	PI/2 BPSK	135	0		21.98		23.5	0
100	PI/2 BPSK	135	69		21.76		23.5	0
100	PI/2 BPSK	135	138		21.82		23.5	0
100	PI/2 BPSK	270	0		21.63			
100	QPSK	1	1		22.16		23.5	0
100	QPSK	1	137		21.86			
100	QPSK	1	271		22.05			
100	QPSK	135	0		21.78		23	0.5
100	QPSK	135	69		21.91		23.5	0
100	QPSK	135	138		21.78		23	0.5
100	QPSK	270	0		22.04			
100	16QAM	1	1		21.58		23	0.5
100	64QAM	1	1		20.05		21.5	2
100	256QAM	1	1		18.11		19.5	4
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.13	21.99	22.06	23.5	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.07	22.06	22.17	23.5	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.96	22.01	21.98	23.5	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22	21.97	22.02	23.5	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.17	21.97	22.04	23.5	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.06	21.97	22.1	23.5	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.02	21.99	22.06	23.5	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.11	22.13	22.07	23.5	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.95	21.95	21.95	23.5	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.05	22.11	22.1	23.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.97	22.92	22.88	24	0
100	PI/2 BPSK	1	137	22.89	22.96	22.9		
100	PI/2 BPSK	1	271	22.96	22.87	22.72		
100	PI/2 BPSK	135	0	22.83	23.06	23.04	24	0
100	PI/2 BPSK	135	69	23.1	22.97	23	24	0
100	PI/2 BPSK	135	138	22.75	22.95	22.75	24	0
100	PI/2 BPSK	270	0	22.9	22.99	22.84		
100	QPSK	1	1	23.32	23.37	23.34	24	0
100	QPSK	1	137	22.94	23.22	23.1		
100	QPSK	1	271	22.99	23.03	23.02		
100	QPSK	135	0	23.11	23.08	23.03	24	0
100	QPSK	135	69	23.13	23.18	23.02	24	0
100	QPSK	135	138	23.06	23.1	23.08	24	0
100	QPSK	270	0	22.93	23.11	23.05		
100	16QAM	1	1	23.16	23.23	23.33	24	0
100	64QAM	1	1	23.25	23.24	23.35	24	0
100	256QAM	1	1	18.65	18.59	18.64	22.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.34	23.38	23.28	24	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.29	23.15	23.26	24	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.29	23.36	23.21	24	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.12	23.23	23.15	24	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.25	23.2	23.25	24	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.16	23.26	23.13	24	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.32	23.36	23.21	24	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.24	23.36	23.3	24	0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.3	23.18	23.33	24	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.33	23.23	23.25	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.93	25.91	25.98	27	0
100	PI/2 BPSK	1	137	25.79	25.94	25.91		
100	PI/2 BPSK	1	271	25.93	25.96	25.77		
100	PI/2 BPSK	135	0	25.74	25.95	25.95	26.5	0.5
100	PI/2 BPSK	135	69	26.17	26.03	25.94	27	0
100	PI/2 BPSK	135	138	25.73	25.92	25.68	26.5	0.5
100	PI/2 BPSK	270	0	25.99	25.92	25.81		
100	QPSK	1	1	26.21	26.31	26.25	27	0
100	QPSK	1	137	26.02	26.16	26.2		
100	QPSK	1	271	26.04	26.11	26.03		
100	QPSK	135	0	25.01	25.29	24.98	26	1
100	QPSK	135	69	26.25	26.26	26.19	27	0
100	QPSK	135	138	24.99	25.22	25.13	26	1
100	QPSK	270	0	24.88	25.22	25.09		
100	16QAM	1	1	25.04	25.02	24.99	26	1
100	64QAM	1	1	23.39	23.46	23.49	24.5	2.5
100	256QAM	1	1	21.6	21.62	21.6	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	26.22	26.29	26.15	27	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	26.06	26.1	26.26	27	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.19	26.18	26.1	27	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	26.08	26.2	26.19	27	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	26.14	26.12	26.11	27	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.06	26.22	26.15	27	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	26.2	26.12	26.17	27	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	26.06	26.29	26.1	27	0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	26.13	26.27	26.24	27	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	26.18	26.22	26.22	27	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.91		24	0
100	PI/2 BPSK	1	137		22.82			
100	PI/2 BPSK	1	271		22.77			
100	PI/2 BPSK	135	0		22.98		24	0
100	PI/2 BPSK	135	69		22.83		24	0
100	PI/2 BPSK	135	138		22.97		24	0
100	PI/2 BPSK	270	0		22.83			
100	QPSK	1	1		23.34		24	0
100	QPSK	1	137		23.2			
100	QPSK	1	271		22.89			
100	QPSK	135	0		22.97		24	0
100	QPSK	135	69		23.13		24	0
100	QPSK	135	138		23.1		24	0
100	QPSK	270	0		22.92			
100	16QAM	1	1		23.18		24	0
100	64QAM	1	1		23.11		24	0
100	256QAM	1	1		18.59		22.5	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.22	23.26	23.3	24	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.1	23.36	23.26	24	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.12	23.2	23.29	24	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.11	23.26	23.27	24	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.15	23.18	23.15	24	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.23	23.22	23.21	24	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.29	23.24	23.15	24	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.31	23.24	23.33	24	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.12	23.23	23.12	24	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.24	23.2	23.3	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		26.21		27	0
100	PI/2 BPSK	1	137		26.18			
100	PI/2 BPSK	1	271		26.19			
100	PI/2 BPSK	135	0		25.17		26.5	0.5
100	PI/2 BPSK	135	69		26.25		27	0
100	PI/2 BPSK	135	138		25.3		26.5	0.5
100	PI/2 BPSK	270	0		25.13			
100	QPSK	1	1		26.28		27	0
100	QPSK	1	137		26.19			
100	QPSK	1	271		26.25			
100	QPSK	135	0		25.19		26	1
100	QPSK	135	69		26.2		27	0
100	QPSK	135	138		25.39		26	1
100	QPSK	270	0		25.27			
100	16QAM	1	1		25.3		26	1
100	64QAM	1	1		23.84		24.5	2.5
100	256QAM	1	1		21.7		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	26.07	26.18	26.04	27	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	26.12	26.18	26.23	27	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.08	26.12	26.04	27	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.18	26.1	26.18	27	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.18	26.15	26.17	27	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.22	26.32	26.05	27	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	26.22	26.11	26.22	27	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	26.1	26.17	26.1	27	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	26.13	26.27	26.08	27	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	26	26.21	26.19	27	0

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BW [MHz]	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	18.33	18.71	18.7	20	0
40	PI/2 BPSK	1	108	18.42	18.6	18.74		
40	PI/2 BPSK	1	214	18.36	18.59	18.78		
40	PI/2 BPSK	108	0	18.54	18.53	18.67	20	0
40	PI/2 BPSK	108	54	18.32	18.56	18.7	20	0
40	PI/2 BPSK	108	108	18.47	18.67	18.63	20	0
40	PI/2 BPSK	216	0	18.37	18.67	18.65		
40	QPSK	1	1	18.54	18.92	18.83	20	0
40	QPSK	1	108	18.5	18.75	18.73		
40	QPSK	1	214	18.34	18.6	18.79		
40	QPSK	108	0	18.41	18.64	18.79	20	0
40	QPSK	108	54	18.43	18.91	18.67	20	0
40	QPSK	108	108	18.56	18.61	18.83	20	0
40	QPSK	216	0	18.51	18.76	18.74		
40	16QAM	1	1	18.54	18.76	18.66	20	0
40	64QAM	1	1	18.45	18.74	18.69	20	0
40	256QAM	1	1	18.43	18.56	18.36	19.5	0.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.53	18.7	18.63	20	0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	18.38	18.58	18.74	20	0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.48	18.71	18.72	20	0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.49	18.73	18.82	20	0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.35	18.72	18.68	20	0

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BW [MHz]	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	22.76	22.88	22.64	24	0
100	PI/2 BPSK	1	137	22.77	22.82	22.66		
100	PI/2 BPSK	1	271	22.72	22.71	22.81		
100	PI/2 BPSK	135	0	22.48	22.4	22.48	23.5	0.5
100	PI/2 BPSK	135	69	22.69	22.86	22.66	24	0
100	PI/2 BPSK	135	138	22.46	22.36	22.35	23.5	0.5
100	PI/2 BPSK	270	0	22.4	22.42	22.44		
100	QPSK	1	1	22.88	22.92	22.86	24	0
100	QPSK	1	137	22.75	22.91	22.73		
100	QPSK	1	271	22.7	22.8	22.84		
100	QPSK	135	0	21.93	21.87	21.9	23	1
100	QPSK	135	69	22.87	22.88	22.79	24	0
100	QPSK	135	138	21.95	22.02	21.87	23	1
100	QPSK	270	0	21.77	21.81	21.75		
100	16QAM	1	1	21.79	21.96	21.97	23	1
100	64QAM	1	1	20.33	20.54	20.38	21.5	2.5
100	256QAM	1	1	18.38	18.46	18.32	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	22.76	22.87	22.74	24	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.74	22.8	22.77	24	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.81	22.84	22.73	24	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.76	22.86	22.79	24	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.74	22.86	22.78	24	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.74	22.79	22.71	24	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.77	22.79	22.8	24	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.79	22.79	22.8	24	0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.78	22.82	22.74	24	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.82	22.85	22.78	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.5		24	0
100	PI/2 BPSK	1	137		22.44			
100	PI/2 BPSK	1	271		22.25			
100	PI/2 BPSK	135	0		21.94		23.5	0.5
100	PI/2 BPSK	135	69		22.49		24	0
100	PI/2 BPSK	135	138		22.08		23.5	0.5
100	PI/2 BPSK	270	0		22.03			
100	QPSK	1	1		22.58		24	0
100	QPSK	1	137		22.51			
100	QPSK	1	271		22.4			
100	QPSK	135	0		21.59		23	1
100	QPSK	135	69		22.54		24	0
100	QPSK	135	138		21.49		23	1
100	QPSK	270	0		21.67			
100	16QAM	1	1		21.62		23	1
100	64QAM	1	1		20.39		21.5	2.5
100	256QAM	1	1		18.33		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	22.31	22.35	22.3	24	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.28	22.28	22.25	24	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.24	22.33	22.31	24	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.29	22.33	22.31	24	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.23	22.33	22.26	24	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.23	22.33	22.3	24	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.25	22.28	22.29	24	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.27	22.27	22.22	24	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.26	22.27	22.3	24	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.3	22.32	22.29	24	0

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BW [MHz]	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	22.24	22.32	21.9	23	0
100	PI/2 BPSK	1	137	22.13	22.4	21.95		
100	PI/2 BPSK	1	271	22.13	22.3	21.73		
100	PI/2 BPSK	135	0	22.25	22.29	21.84	22.5	0.5
100	PI/2 BPSK	135	69	22.06	22.26	21.85	23	0
100	PI/2 BPSK	135	138	22.36	22.39	21.96	22.5	0.5
100	PI/2 BPSK	270	0	22.11	22.45	21.77		
100	QPSK	1	1	22.33	22.46	22.12	23	0
100	QPSK	1	137	22.29	22.41	21.96		
100	QPSK	1	271	22.19	22.44	21.82		
100	QPSK	135	0	21.16	21.31	20.98	22	1
100	QPSK	135	69	22.37	22.39	21.82	23	0
100	QPSK	135	138	21.09	21.29	20.77	22	1
100	QPSK	270	0	21.04	21.41	20.98		
100	16QAM	1	1	21.1	21.34	20.97	22	1
100	64QAM	1	1	19.76	19.93	19.38	20.5	2.5
100	256QAM	1	1	17.55	17.83	17.46	18.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.56	21.62	21.36	23	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.55	21.66	21.37	23	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.49	21.61	21.33	23	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.51	21.63	21.3	23	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.52	21.64	21.27	23	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.57	21.68	21.35	23	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.5	21.66	21.28	23	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.51	21.63	21.36	23	0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.56	21.64	21.31	23	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.54	21.68	21.29	23	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.86		23	0
100	PI/2 BPSK	1	137		21.77			
100	PI/2 BPSK	1	271		21.88			
100	PI/2 BPSK	135	0		21.93		22.5	0.5
100	PI/2 BPSK	135	69		22.09		23	0
100	PI/2 BPSK	135	138		21.93		22.5	0.5
100	PI/2 BPSK	270	0		21.89			
100	QPSK	1	1		22.11		23	0
100	QPSK	1	137		22.03			
100	QPSK	1	271		21.75			
100	QPSK	135	0		21.23		22	1
100	QPSK	135	69		22.04		23	0
100	QPSK	135	138		21.11		22	1
100	QPSK	270	0		21.02			
100	16QAM	1	1		21.1		22	1
100	64QAM	1	1		19.63		20.5	2.5
100	256QAM	1	1		17.61		18.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.51	21.67	21.37	23	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.49	21.66	21.28	23	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.52	21.62	21.36	23	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.55	21.66	21.33	23	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.55	21.61	21.35	23	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.49	21.63	21.35	23	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.56	21.67	21.35	23	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.49	21.67	21.3	23	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.53	21.68	21.36	23	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.53	21.63	21.33	23	0

Reduced Power Mode for Main PA ECI6

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				375000	376000	377000		
Frequency (MHz)				1875	1880	1885		
50	PI/2 BPSK	1	1	20.37	20.57	20.42		
50	PI/2 BPSK	1	135	20.44	20.54	20.41	21.7	0
50	PI/2 BPSK	1	268	20.4	20.47	20.4		
50	PI/2 BPSK	135	0	20.53	20.43	20.46	21.7	0
50	PI/2 BPSK	135	68	20.43	20.58	20.36	21.7	0
50	PI/2 BPSK	135	135	20.45	20.51	20.36	21.7	0
50	PI/2 BPSK	270	0	20.38	20.59	20.44		
50	QPSK	1	1	20.57	20.63	20.55		
50	QPSK	1	135	20.52	20.54	20.51	21.7	0
50	QPSK	1	268	20.53	20.42	20.5		
50	QPSK	135	0	20.36	20.45	20.51	21.7	0
50	QPSK	135	68	20.52	20.55	20.36	21.7	0
50	QPSK	135	135	20.54	20.42	20.51	21.7	0
50	QPSK	270	0	20.41	20.49	20.42		
50	16QAM	1	1	20.43	20.57	20.35	21.7	0
50	64QAM	1	1	19.82	19.98	19.94	21	0.7
50	256QAM	1	1	18.56	18.63	18.51	19	2.7
Channel				374000	376000	378000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1870	1880	1890		
40	QPSK	1	1	19.81	19.91	19.83	21.7	0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	19.8	19.82	19.83	21.7	0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	19.84	19.93	19.86	21.7	0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	19.75	19.84	19.84	21.7	0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.88	19.92	19.86	21.7	0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.81	19.94	19.82	21.7	0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.88	19.94	19.77	21.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		22.71			
25	PI/2 BPSK	1	64		22.85		24	0
25	PI/2 BPSK	1	131		23.02			
25	PI/2 BPSK	64	0		22.32		23.5	0.5
25	PI/2 BPSK	64	33		22.9		24	0
25	PI/2 BPSK	64	65		22.26		23.5	0.5
25	PI/2 BPSK	128	0		22.47			
25	QPSK	1	1		23.08			
25	QPSK	1	64		22.94		24	0
25	QPSK	1	131		22.92			
25	QPSK	64	0		21.96		23	1
25	QPSK	64	33		23.03		24	0
25	QPSK	64	65		21.71		23	1
25	QPSK	128	0		21.96			
25	16QAM	1	1		21.48		23	1
25	64QAM	1	1		20.06		21.5	2.5
25	256QAM	1	1		18.53		19.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.93	23.01	22.96	24	0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.77	23.04	22.84	24	0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.78	23.04	22.79	24	0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.84	22.95	22.87	24	0

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BW [MHz]	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	20.67	20.82	20.55	22	0
50	PI/2 BPSK	1	135	20.59	20.83	20.54		
50	PI/2 BPSK	1	268	20.66	20.75	20.68		
50	PI/2 BPSK	135	0	20.54	20.79	20.65	22	0
50	PI/2 BPSK	135	68	20.69	20.71	20.65	22	0
50	PI/2 BPSK	135	135	20.51	20.78	20.62	22	0
50	PI/2 BPSK	270	0	20.56	20.72	20.7		
50	QPSK	1	1	20.72	20.91	20.74	22	0
50	QPSK	1	135	20.6	20.76	20.53		
50	QPSK	1	268	20.53	20.82	20.58		
50	QPSK	135	0	20.63	20.84	20.64	22	0
50	QPSK	135	68	20.56	20.87	20.7	22	0
50	QPSK	135	135	20.62	20.72	20.62	22	0
50	QPSK	270	0	20.66	20.81	20.6		
50	16QAM	1	1	20.64	20.72	20.64	22	0
50	64QAM	1	1	19.94	20.09	20.09	21.5	0.5
50	256QAM	1	1	18.53	18.73	18.69	19.5	2.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.28	20.33	20.16	22	0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.19	20.47	20.17	22	0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.27	20.44	20.22	22	0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.15	20.38	20.27	22	0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.29	20.38	20.3	22	0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.15	20.42	20.18	22	0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.26	20.43	20.18	22	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.82	19.83	19.76	21.4	0
40	PI/2 BPSK	1	108	19.81	19.92	19.84		
40	PI/2 BPSK	1	214	19.87	19.88	19.8		
40	PI/2 BPSK	108	0	19.86	19.88	19.71	21.4	0
40	PI/2 BPSK	108	54	19.83	19.87	19.84	21.4	0
40	PI/2 BPSK	108	108	19.83	19.84	19.66	21.4	0
40	PI/2 BPSK	216	0	19.78	19.86	19.8		
40	QPSK	1	1	19.9	19.97	19.87	21.4	0
40	QPSK	1	108	19.77	19.79	19.76		
40	QPSK	1	214	19.86	19.87	19.67		
40	QPSK	108	0	19.76	19.78	19.83	21.4	0
40	QPSK	108	54	19.84	19.85	19.83	21.4	0
40	QPSK	108	108	19.8	19.81	19.75	21.4	0
40	QPSK	216	0	19.71	19.87	19.66		
40	16QAM	1	1	19.73	19.77	19.79	21.4	0
40	64QAM	1	1	19.71	19.93	19.79	21.4	0
40	256QAM	1	1	18.8	19.08	18.78	19.5	1.9
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.4	19.38	19.34	21.4	0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.4	19.47	19.29	21.4	0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.46	19.5	19.29	21.4	0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.43	19.44	19.44	21.4	0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.36	19.47	19.35	21.4	0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.46	19.45	19.41	21.4	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	21.88	21.94	21.95	23.3	0
40	PI/2 BPSK	1	108	21.96	21.98	21.93		
40	PI/2 BPSK	1	214	21.9	22.01	21.99		
40	PI/2 BPSK	108	0	21.95	22	21.91	23.3	0
40	PI/2 BPSK	108	54	21.95	22.06	21.91	23.3	0
40	PI/2 BPSK	108	108	21.91	21.98	21.91	23.3	0
40	PI/2 BPSK	216	0	22.04	21.95	21.94		
40	QPSK	1	1	22.07	22.09	22.03	23.3	0
40	QPSK	1	108	21.98	21.89	21.87		
40	QPSK	1	214	21.95	21.96	21.94		
40	QPSK	108	0	21.9	21.9	21.88	23	0.3
40	QPSK	108	54	21.86	21.91	21.9	23.3	0
40	QPSK	108	108	21.9	21.84	21.89	23	0.3
40	QPSK	216	0	21.9	21.91	21.87		
40	16QAM	1	1	22.04	22.05	21.85	23	0.3
40	64QAM	1	1	20.17	20.32	20.11	21.5	1.8
40	256QAM	1	1	19.08	19.11	19.13	19.5	3.8
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22	22.02	21.98	23.3	0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.01	22.05	21.89	23.3	0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.9	22.04	21.94	23.3	0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.01	21.92	21.98	23.3	0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.05	22.03	21.96	23.3	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.67	22.83	22.93	24	0
100	PI/2 BPSK	1	137	22.98	22.98	23.09		
100	PI/2 BPSK	1	271	22.62	22.9	22.53		
100	PI/2 BPSK	135	0	22.46	22.5	22.46	23.5	0.5
100	PI/2 BPSK	135	69	22.8	22.85	22.82	24	0
100	PI/2 BPSK	135	138	22.09	22.38	22.27	23.5	0.5
100	PI/2 BPSK	270	0	22.37	22.24	22.32		
100	QPSK	1	1	23.05	23.25	23.2	24	0
100	QPSK	1	137	22.75	23	22.97		
100	QPSK	1	271	22.37	22.72	22.65		
100	QPSK	135	0	21.73	21.89	21.99	23	1
100	QPSK	135	69	22.83	22.95	22.86	24	0
100	QPSK	135	138	21.72	21.63	21.63	23	1
100	QPSK	270	0	21.76	21.99	21.75		
100	16QAM	1	1	21.49	21.54	21.49	23	1
100	64QAM	1	1	20.2	20.1	19.85	21.5	2.5
100	256QAM	1	1	18.57	18.73	18.85	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.05	23.05	23.08	24	0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.94	23.24	23.02	24	0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.85	23.03	23.06	24	0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.88	23.22	23.02	24	0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.88	23.08	23.16	24	0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.87	23.03	23.12	24	0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.95	23.17	23.03	24	0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.96	23.09	23.19	24	0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.84	23.13	23.09	24	0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.01	23.18	23.17	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				375000	376000	377000		
Frequency (MHz)				1875	1880	1885		
50	PI/2 BPSK	1	1	19.86	20.01	19.98	21.4	0
50	PI/2 BPSK	1	135	20.00	20.03	19.90		
50	PI/2 BPSK	1	268	19.90	20.08	20.01		
50	PI/2 BPSK	135	0	19.97	20.08	20.03	21.4	0
50	PI/2 BPSK	135	68	19.91	19.94	19.94	21.4	0
50	PI/2 BPSK	135	135	19.84	20.07	19.98	21.4	0
50	PI/2 BPSK	270	0	20.00	20.02	19.98		
50	QPSK	1	1	20.05	20.12	20.08	21.4	0
50	QPSK	1	135	20.02	19.99	19.96		
50	QPSK	1	268	19.89	19.98	19.96		
50	QPSK	135	0	19.94	19.91	19.94	21.4	0
50	QPSK	135	68	19.91	20.07	20.03	21.4	0
50	QPSK	135	135	20.02	19.92	19.92	21.4	0
50	QPSK	270	0	19.90	19.93	19.92		
50	16QAM	1	1	20.02	20.00	19.95	21.4	0
50	64QAM	1	1	18.73	18.84	18.75	20.5	0.9
50	256QAM	1	1	17.33	17.45	17.33	18.5	2.9
Channel				374000	376000	378000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1870	1880	1890		
40	QPSK	1	1	19.43	19.56	19.51	21.4	0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	19.46	19.56	19.63	21.4	0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	19.54	19.64	19.6	21.4	0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	19.59	19.59	19.54	21.4	0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.61	19.7	19.5	21.4	0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.52	19.59	19.65	21.4	0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.64	19.62	19.57	21.4	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		22.22		24	0
25	PI/2 BPSK	1	64		22.39			
25	PI/2 BPSK	1	131		22.48			
25	PI/2 BPSK	64	0		22.15		23.5	0.5
25	PI/2 BPSK	64	33		22.59		24	0
25	PI/2 BPSK	64	65		21.93		23.5	0.5
25	PI/2 BPSK	128	0		22.14			
25	QPSK	1	1		22.73		24	0
25	QPSK	1	64		22.47			
25	QPSK	1	131		22.42			
25	QPSK	64	0		21.53		23	1
25	QPSK	64	33		22.62		24	0
25	QPSK	64	65		21.47		23	1
25	QPSK	128	0		21.72			
25	16QAM	1	1		21.09		23	1
25	64QAM	1	1		19.5		21.5	2.5
25	256QAM	1	1		18.39		19.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.7	22.71	22.68	24	0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.51	22.6	22.71	24	0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.66	22.67	22.71	24	0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.68	22.6	22.6	24	0

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BW [MHz]	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	18.40	18.43	18.28	19.5	0
50	PI/2 BPSK	1	135	18.36	18.41	18.32		
50	PI/2 BPSK	1	268	18.40	18.45	18.16		
50	PI/2 BPSK	135	0	18.32	18.40	18.24	19.5	0
50	PI/2 BPSK	135	68	18.39	18.54	18.15	19.5	0
50	PI/2 BPSK	135	135	18.32	18.45	18.18	19.5	0
50	PI/2 BPSK	270	0	18.37	18.45	18.32		
50	QPSK	1	1	18.45	18.59	18.35	19.5	0
50	QPSK	1	135	18.33	18.45	18.20		
50	QPSK	1	268	18.41	18.55	18.22		
50	QPSK	135	0	18.36	18.5	18.19	19.5	0
50	QPSK	135	68	18.37	18.51	18.24	19.5	0
50	QPSK	135	135	18.41	18.44	18.15	19.5	0
50	QPSK	270	0	18.36	18.50	18.27		
50	16QAM	1	1	18.41	18.53	18.32	19.5	0
50	64QAM	1	1	18.39	18.44	18.21	19.5	0
50	256QAM	1	1	18.31	18.4	18.27	19.5	0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	17.94	18.05	17.91	19.5	0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.93	18.07	17.88	19.5	0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.00	18.14	17.86	19.5	0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	17.91	18.04	17.89	19.5	0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.02	18.02	17.92	19.5	0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.94	18.03	17.83	19.5	0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.01	18.01	17.93	19.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.89	18.99	18.86	20	0
40	PI/2 BPSK	1	108	18.86	18.99	18.72		
40	PI/2 BPSK	1	214	18.99	18.94	18.73		
40	PI/2 BPSK	108	0	18.9	18.97	18.76	20	0
40	PI/2 BPSK	108	54	18.88	18.91	18.71	20	0
40	PI/2 BPSK	108	108	18.94	18.9	18.84	20	0
40	PI/2 BPSK	216	0	18.97	19.02	18.76		
40	QPSK	1	1	19.02	19.08	18.91	20	0
40	QPSK	1	108	18.9	18.95	18.82		
40	QPSK	1	214	18.82	19.02	18.71		
40	QPSK	108	0	18.97	18.96	18.81	20	0
40	QPSK	108	54	18.82	19.01	19	20	0
40	QPSK	108	108	18.88	18.92	18.72	20	0
40	QPSK	216	0	18.82	18.96	18.86		
40	16QAM	1	1	18.93	18.96	18.81	20	0
40	64QAM	1	1	18.9	18.94	18.8	20	0
40	256QAM	1	1	18.65	18.95	18.77	19.5	0.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.48	18.5	18.46	20	0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.53	18.57	18.49	20	0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.46	18.5	18.35	20	0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.48	18.53	18.43	20	0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.58	18.63	18.46	20	0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.46	18.57	18.39	20	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.87	19.98	19.91	21.1	0
40	PI/2 BPSK	1	108	19.89	19.86	19.84		
40	PI/2 BPSK	1	214	19.83	19.93	19.86		
40	PI/2 BPSK	108	0	19.82	19.91	19.88	21.1	0
40	PI/2 BPSK	108	54	19.94	19.94	19.81	21.1	0
40	PI/2 BPSK	108	108	19.86	20.01	19.84	21.1	0
40	PI/2 BPSK	216	0	19.97	19.98	19.88		
40	QPSK	1	1	20.02	20.05	20	21.1	0
40	QPSK	1	108	19.83	19.85	19.96		
40	QPSK	1	214	19.86	19.93	19.86		
40	QPSK	108	0	19.9	19.9	19.9	21.1	0
40	QPSK	108	54	19.94	19.97	19.91	21.1	0
40	QPSK	108	108	19.8.9	19.9	19.84	21.1	0
40	QPSK	216	0	19.9	19.91	19.89		
40	16QAM	1	1	19.83	19.86	19.92	21.1	0
40	64QAM	1	1	19.92	19.91	19.88	21.1	0
40	256QAM	1	1	19.91	19.91	19.91	19.5	1.6
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.47	19.56	19.49	21.1	0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.6	19.57	19.48	21.1	0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.44	19.51	19.46	21.1	0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.57	19.48	19.44	21.1	0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.54	19.5	19.44	21.1	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.85	19.05	18.93	20.2	0
100	PI/2 BPSK	1	137	18.72	19.06	18.95		
100	PI/2 BPSK	1	271	18.83	18.91	18.89		
100	PI/2 BPSK	135	0	18.74	18.93	18.92	20.2	0
100	PI/2 BPSK	135	69	18.81	18.96	18.93	20.2	0
100	PI/2 BPSK	135	138	18.86	18.96	18.94	20.2	0
100	PI/2 BPSK	270	0	18.86	19.02	19		
100	QPSK	1	1	18.91	19.12	19.05	20.2	0
100	QPSK	1	137	18.87	18.97	18.95		
100	QPSK	1	271	18.72	19.02	18.96		
100	QPSK	135	0	18.84	19.03	19	20.2	0
100	QPSK	135	69	18.86	19.07	18.95	20.2	0
100	QPSK	135	138	18.72	18.97	18.97	20.2	0
100	QPSK	270	0	18.71	19.01	18.98		
100	16QAM	1	1	18.77	18.95	19	20.2	0
100	64QAM	1	1	18.72	18.97	18.88	20.2	0
100	256QAM	1	1	18.18	18.2	18.21	19.5	0.7
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.46	18.69	18.62	20.2	0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.41	18.62	18.54	20.2	0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.35	18.54	18.52	20.2	0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.48	18.64	18.49	20.2	0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.33	18.62	18.49	20.2	0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.47	18.56	18.57	20.2	0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.34	18.68	18.53	20.2	0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.41	18.58	18.57	20.2	0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.32	18.6	18.47	20.2	0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.5	18.68	18.5	20.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.02	23.11	23.04	24	0
40	PI/2 BPSK	1	108	22.5	22.6	22.58		
40	PI/2 BPSK	1	214	21.89	21.89	21.81		
40	PI/2 BPSK	108	0	22.16	22.34	22.21	23.5	0.5
40	PI/2 BPSK	108	54	22.53	22.53	22.43	24	0
40	PI/2 BPSK	108	108	22.15	22.23	22.07	23.5	0.5
40	PI/2 BPSK	216	0	22.07	22.19	22.09		
40	QPSK	1	1	22.92	23.12	23.01	24	0
40	QPSK	1	108	22.74	22.77	22.56		
40	QPSK	1	214	22.09	22.03	22.11		
40	QPSK	108	0	21.68	21.89	21.77	23	1
40	QPSK	108	54	22.40	22.54	22.49	24	0
40	QPSK	108	108	21.11	22.50	21.01	23	1
40	QPSK	216	0	21.44	21.59	21.52		
40	16QAM	1	1	21.88	21.96	21.85	23	1
40	64QAM	1	1	20.61	20.63	20.64	21.5	2.5
40	256QAM	1	1	19.24	19.29	19.15	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	22.83	22.96	22.84	24	0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.79	23.11	22.82	24	0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.83	22.92	23.01	24	0
Channel				515002	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.8	23.07	22.89	24	0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.72	23.01	22.97	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.95	22.42	21.98	23.5	0
100	PI/2 BPSK	1	137	22.28	22.35	22.18		
100	PI/2 BPSK	1	271	22.17	22.33	21.93		
100	PI/2 BPSK	135	0	22.11	22.36	21.94	23.5	0
100	PI/2 BPSK	135	69	22.1	22.37	22.03	23.5	0
100	PI/2 BPSK	135	138	22.15	22.39	22.14	23.5	0
100	PI/2 BPSK	270	0	22.22	22.17	22.16		
100	QPSK	1	1	22.21	22.53	22.31	23.5	0
100	QPSK	1	137	22.18	22.33	21.99		
100	QPSK	1	271	22.05	22.43	22.23		
100	QPSK	135	0	22.11	22.23	22.26	23	0.5
100	QPSK	135	69	22.14	22.41	22.03	23.5	0
100	QPSK	135	138	22.15	22.26	21.95	23	0.5
100	QPSK	270	0	21.97	22.42	22.01		
100	16QAM	1	1	21.68	21.96	21.59	23	0.5
100	64QAM	1	1	20.31	20.37	20.24	21.5	2
100	256QAM	1	1	18.18	18.54	18.18	19.5	4
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.07	22.44	22.31	23.5	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.1	22.49	22.11	23.5	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.2	22.47	22.19	23.5	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.07	22.4	22.21	23.5	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.19	22.41	22.14	23.5	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.04	22.51	22.32	23.5	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.02	22.35	22.29	23.5	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.06	22.52	22.24	23.5	0
Channel				647168	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.02	22.43	22.16	23.5	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.18	22.41	22.13	23.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.97		23.5	0
100	PI/2 BPSK	1	137		21.97			
100	PI/2 BPSK	1	271		22			
100	PI/2 BPSK	135	0		21.98		23.5	0
100	PI/2 BPSK	135	69		21.76		23.5	0
100	PI/2 BPSK	135	138		21.82		23.5	0
100	PI/2 BPSK	270	0		21.63			
100	QPSK	1	1		22.16		23.5	0
100	QPSK	1	137		21.86			
100	QPSK	1	271		22.05			
100	QPSK	135	0		21.78		23	0.5
100	QPSK	135	69		21.91		23.5	0
100	QPSK	135	138		21.78		23	0.5
100	QPSK	270	0		22.04			
100	16QAM	1	1		21.58		23	0.5
100	64QAM	1	1		20.05		21.5	2
100	256QAM	1	1		18.11		19.5	4
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.13	21.99	22.06	23.5	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.07	22.06	22.17	23.5	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.96	22.01	21.98	23.5	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22	21.97	22.02	23.5	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.17	21.97	22.04	23.5	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.06	21.97	22.1	23.5	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.02	21.99	22.06	23.5	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.11	22.13	22.07	23.5	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.95	21.95	21.95	23.5	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.05	22.11	22.1	23.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.03	17.18	17.11	18.2	0
100	PI/2 BPSK	1	137	17.09	17.15	17.11		
100	PI/2 BPSK	1	271	17.02	17.28	17.08		
100	PI/2 BPSK	135	0	17.14	17.24	17.15	18.2	0
100	PI/2 BPSK	135	69	17.05	17.21	17.09	18.2	0
100	PI/2 BPSK	135	138	17.04	17.27	17.16	18.2	0
100	PI/2 BPSK	270	0	17.1	17.23	17.08		
100	QPSK	1	1	17.19	17.35	17.29	18.2	0
100	QPSK	1	137	17.05	17.29	17.24		
100	QPSK	1	271	16.99	17.28	17.23		
100	QPSK	135	0	17.09	17.17	17.09	18.2	0
100	QPSK	135	69	17.1	17.28	17.15	18.2	0
100	QPSK	135	138	17	17.23	17.2	18.2	0
100	QPSK	270	0	17.09	17.3	17.11		
100	16QAM	1	1	17.15	17.27	17.14	18.2	0
100	64QAM	1	1	17.03	17.27	17.18	18.2	0
100	256QAM	1	1	17.12	17.3	17.13	18.2	0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.68	16.91	16.81	18.2	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.68	16.84	16.78	18.2	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.74	16.76	16.77	18.2	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.68	16.78	16.87	18.2	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.63	16.86	16.76	18.2	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.66	16.82	16.73	18.2	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.69	16.81	16.77	18.2	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.67	16.78	16.83	18.2	0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.78	16.93	16.81	18.2	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.66	16.86	16.76	18.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.03		18.2	0
100	PI/2 BPSK	1	137		17.06			
100	PI/2 BPSK	1	271		16.97			
100	PI/2 BPSK	135	0		17.08		18.2	0
100	PI/2 BPSK	135	69		17.08		18.2	0
100	PI/2 BPSK	135	138		17.03		18.2	0
100	PI/2 BPSK	270	0		17.1			
100	QPSK	1	1		17.18		18.2	0
100	QPSK	1	137		17.04			
100	QPSK	1	271		17.14			
100	QPSK	135	0		17.1		18.2	0
100	QPSK	135	69		17.11		18.2	0
100	QPSK	135	138		17.05		18.2	0
100	QPSK	270	0		17.01			
100	16QAM	1	1		17.09		18.2	0
100	64QAM	1	1		17.04		18.2	0
100	256QAM	1	1		17.01		18.2	0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.77	16.93	16.72	18.2	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.69	16.92	16.74	18.2	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.65	16.93	16.73	18.2	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.62	16.78	16.8	18.2	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.67	16.91	16.83	18.2	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.74	16.78	16.86	18.2	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.68	16.76	16.72	18.2	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.74	16.91	16.87	18.2	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.75	16.82	16.79	18.2	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.7	16.88	16.86	18.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.33	18.71	18.7	20	0
40	PI/2 BPSK	1	108	18.42	18.6	18.74		
40	PI/2 BPSK	1	214	18.36	18.59	18.78		
40	PI/2 BPSK	108	0	18.54	18.53	18.67	20	0
40	PI/2 BPSK	108	54	18.32	18.56	18.7	20	0
40	PI/2 BPSK	108	108	18.47	18.67	18.63	20	0
40	PI/2 BPSK	216	0	18.37	18.67	18.65		
40	QPSK	1	1	18.54	18.92	18.83	20	0
40	QPSK	1	108	18.5	18.75	18.73		
40	QPSK	1	214	18.34	18.6	18.79		
40	QPSK	108	0	18.41	18.64	18.79	20	0
40	QPSK	108	54	18.43	18.91	18.67	20	0
40	QPSK	108	108	18.56	18.61	18.83	20	0
40	QPSK	216	0	18.51	18.76	18.74		
40	16QAM	1	1	18.54	18.76	18.66	20	0
40	64QAM	1	1	18.45	18.74	18.69	20	0
40	256QAM	1	1	18.43	18.56	18.36	19.5	0.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.53	18.7	18.63	20	0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	18.38	18.58	18.74	20	0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.48	18.71	18.72	20	0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.49	18.73	18.82	20	0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.35	18.72	18.68	20	0

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BW [MHz]	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	18.84	18.77	18.6	20.1	0
100	PI/2 BPSK	1	137	18.65	18.88	18.63		
100	PI/2 BPSK	1	271	18.81	18.64	18.79		
100	PI/2 BPSK	135	0	18.45	18.28	18.58	20.1	0
100	PI/2 BPSK	135	69	18.61	18.83	18.66	20.1	0
100	PI/2 BPSK	135	138	18.43	18.34	18.27	20.1	0
100	PI/2 BPSK	270	0	18.31	18.43	18.38		
100	QPSK	1	1	18.85	18.97	18.81	20.1	0
100	QPSK	1	137	18.68	18.82	18.81		
100	QPSK	1	271	18.66	18.88	18.81		
100	QPSK	135	0	18.81	18.9	18.69	20.1	0
100	QPSK	135	69	18.93	18.95	18.7	20.1	0
100	QPSK	135	138	18.82	18.88	18.63	20.1	0
100	QPSK	270	0	18.86	18.88	18.83		
100	16QAM	1	1	18.77	18.68	18.75	20.1	0
100	64QAM	1	1	18.67	18.6	18.81	20.1	0
100	256QAM	1	1	18.69	18.89	18.81	19.5	0.6
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.75	18.91	18.67	20.1	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.68	18.95	18.61	20.1	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.66	18.75	18.78	20.1	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.68	18.88	18.72	20.1	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.67	18.86	18.63	20.1	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.71	18.96	18.82	20.1	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.76	18.96	18.78	20.1	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.65	18.88	18.73	20.1	0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.79	18.84	18.74	20.1	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.83	18.83	18.67	20.1	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.58		20.1	0
100	PI/2 BPSK	1	137		18.4			
100	PI/2 BPSK	1	271		18.2			
100	PI/2 BPSK	135	0		17.96		20.1	0
100	PI/2 BPSK	135	69		18.54		20.1	0
100	PI/2 BPSK	135	138		18.02		20.1	0
100	PI/2 BPSK	270	0		18.11			
100	QPSK	1	1		18.67		20.1	0
100	QPSK	1	137		18.59			
100	QPSK	1	271		18.3			
100	QPSK	135	0		18.5		20.1	0
100	QPSK	135	69		18.54		20.1	0
100	QPSK	135	138		18.49		20.1	0
100	QPSK	270	0		18.43			
100	16QAM	1	1		18.44		20.1	0
100	64QAM	1	1		18.38		20.1	0
100	256QAM	1	1		18.4		19.5	0.6
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.47	18.62	18.68	20.1	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.63	18.63	18.57	20.1	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.57	18.62	18.53	20.1	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.45	18.63	18.59	20.1	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.58	18.46	18.45	20.1	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.46	18.53	18.6	20.1	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.51	18.61	18.58	20.1	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.52	18.61	18.62	20.1	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.59	18.64	18.46	20.1	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.52	18.65	18.56	20.1	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.24	22.32	21.9	23	0
100	PI/2 BPSK	1	137	22.13	22.4	21.95		
100	PI/2 BPSK	1	271	22.13	22.3	21.73		
100	PI/2 BPSK	135	0	22.25	22.29	21.84	22.5	0.5
100	PI/2 BPSK	135	69	22.06	22.26	21.85	23	0
100	PI/2 BPSK	135	138	22.36	22.39	21.96	22.5	0.5
100	PI/2 BPSK	270	0	22.11	22.45	21.77		
100	QPSK	1	1	22.33	22.46	22.12	23	0
100	QPSK	1	137	22.29	22.41	21.96		
100	QPSK	1	271	22.19	22.44	21.82		
100	QPSK	135	0	21.16	21.31	20.98	22	1
100	QPSK	135	69	22.37	22.39	21.82	23	0
100	QPSK	135	138	21.09	21.29	20.77	22	1
100	QPSK	270	0	21.04	21.41	20.98		
100	16QAM	1	1	21.1	21.34	20.97	22	1
100	64QAM	1	1	19.76	19.93	19.38	20.5	2.5
100	256QAM	1	1	17.55	17.83	17.46	18.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.56	21.62	21.36	23	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.55	21.66	21.37	23	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.49	21.61	21.33	23	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.51	21.63	21.3	23	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.52	21.64	21.27	23	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.57	21.68	21.35	23	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.5	21.66	21.28	23	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.51	21.63	21.36	23	0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.56	21.64	21.31	23	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.54	21.68	21.29	23	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.86		23	0
100	PI/2 BPSK	1	137		21.77			
100	PI/2 BPSK	1	271		21.88			
100	PI/2 BPSK	135	0		21.93		22.5	0.5
100	PI/2 BPSK	135	69		22.09		23	0
100	PI/2 BPSK	135	138		21.93		22.5	0.5
100	PI/2 BPSK	270	0		21.89			
100	QPSK	1	1		22.11		23	0
100	QPSK	1	137		22.03			
100	QPSK	1	271		21.75			
100	QPSK	135	0		21.23		22	1
100	QPSK	135	69		22.04		23	0
100	QPSK	135	138		21.11		22	1
100	QPSK	270	0		21.02			
100	16QAM	1	1		21.1		22	1
100	64QAM	1	1		19.63		20.5	2.5
100	256QAM	1	1		17.61		18.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.51	21.67	21.37	23	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.49	21.66	21.28	23	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.52	21.62	21.36	23	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.55	21.66	21.33	23	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.55	21.61	21.35	23	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.49	21.63	21.35	23	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.56	21.67	21.35	23	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.49	21.67	21.3	23	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.53	21.68	21.36	23	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.53	21.63	21.33	23	0

Reduced Power Mode for Main PA ECI7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				375000	376000	377000		
Frequency (MHz)				1875	1880	1885		
50	PI/2 BPSK	1	1	16.6	16.71	16.74	18.1	0
50	PI/2 BPSK	1	135	16.69	16.69	16.65		
50	PI/2 BPSK	1	268	16.69	16.75	16.74		
50	PI/2 BPSK	135	0	16.58	16.77	16.77	18.1	0
50	PI/2 BPSK	135	68	16.65	16.84	16.63	18.1	0
50	PI/2 BPSK	135	135	16.75	16.74	16.74	18.1	0
50	PI/2 BPSK	270	0	16.59	16.67	16.74		
50	QPSK	1	1	16.79	16.88	16.83	18.1	0
50	QPSK	1	135	16.67	16.83	16.69		
50	QPSK	1	268	16.67	16.83	16.64		
50	QPSK	135	0	16.63	16.71	16.73	18.1	0
50	QPSK	135	68	16.65	16.81	16.77	18.1	0
50	QPSK	135	135	16.74	16.8	16.79	18.1	0
50	QPSK	270	0	16.71	16.79	16.78		
50	16QAM	1	1	16.7	16.75	16.66	18.1	0
50	64QAM	1	1	16.6	16.82	16.73	18.1	0
50	256QAM	1	1	16.61	16.84	16.74	18.1	0
Channel				374000	376000	378000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1870	1880	1890		
40	QPSK	1	1	16.11	16.29	16.21	18.1	0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	16.27	16.32	16.33	18.1	0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	16.22	16.29	16.34	18.1	0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	16.25	16.43	16.38	18.1	0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.31	16.43	16.35	18.1	0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.26	16.46	16.4	18.1	0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.26	16.41	16.35	18.1	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		22.71		24	0
25	PI/2 BPSK	1	64		22.85			
25	PI/2 BPSK	1	131		23.02			
25	PI/2 BPSK	64	0		22.32		23.5	0.5
25	PI/2 BPSK	64	33		22.9		24	0
25	PI/2 BPSK	64	65		22.26		23.5	0.5
25	PI/2 BPSK	128	0		22.47			
25	QPSK	1	1		23.08		24	0
25	QPSK	1	64		22.94			
25	QPSK	1	131		22.92			
25	QPSK	64	0		21.96		23	1
25	QPSK	64	33		23.03		24	0
25	QPSK	64	65		21.71		23	1
25	QPSK	128	0		21.96			
25	16QAM	1	1		21.48		23	1
25	64QAM	1	1		20.06		21.5	2.5
25	256QAM	1	1		18.53		19.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.93	23.01	22.96	24	0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.77	23.04	22.84	24	0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.78	23.04	22.79	24	0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.84	22.95	22.87	24	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	14.71	14.79	14.58	15.9	0
50	PI/2 BPSK	1	135	14.67	14.66	14.55		
50	PI/2 BPSK	1	268	14.59	14.64	14.7		
50	PI/2 BPSK	135	0	14.55	14.75	14.56	15.9	0
50	PI/2 BPSK	135	68	14.55	14.66	14.61	15.9	0
50	PI/2 BPSK	135	135	14.6	14.73	14.69	15.9	0
50	PI/2 BPSK	270	0	14.66	14.66	14.68		
50	QPSK	1	1	14.74	14.83	14.76	15.9	0
50	QPSK	1	135	14.61	14.72	14.65		
50	QPSK	1	268	14.55	14.71	14.65		
50	QPSK	135	0	14.6	14.73	14.56	15.9	0
50	QPSK	135	68	14.54	14.76	14.71	15.9	0
50	QPSK	135	135	14.66	14.72	14.7	15.9	0
50	QPSK	270	0	14.61	14.67	14.61		
50	16QAM	1	1	14.64	14.63	14.64	15.9	0
50	64QAM	1	1	14.62	14.71	14.72	15.9	0
50	256QAM	1	1	14.67	14.64	14.64	15.9	0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	14.22	14.27	14.28	15.9	0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.23	14.31	14.34	15.9	0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	14.29	14.31	14.29	15.9	0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	14.3	14.34	14.3	15.9	0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	14.25	14.29	14.26	15.9	0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.23	14.41	14.22	15.9	0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.18	14.34	14.35	15.9	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.43	16.55	16.35	17.8	0
40	PI/2 BPSK	1	108	16.42	16.58	16.34		
40	PI/2 BPSK	1	214	16.34	16.5	16.35		
40	PI/2 BPSK	108	0	16.39	16.47	16.45	17.8	0
40	PI/2 BPSK	108	54	16.44	16.48	16.4	17.8	0
40	PI/2 BPSK	108	108	16.48	16.47	16.33	17.8	0
40	PI/2 BPSK	216	0	16.33	16.55	16.44		
40	QPSK	1	1	16.52	16.65	16.49	17.8	0
40	QPSK	1	108	16.42	16.49	16.42		
40	QPSK	1	214	16.41	16.45	16.4		
40	QPSK	108	0	16.49	16.55	16.38	17.8	0
40	QPSK	108	54	16.33	16.58	16.45	17.8	0
40	QPSK	108	108	16.38	16.52	16.32	17.8	0
40	QPSK	216	0	16.31	16.52	16.28		
40	16QAM	1	1	16.34	16.46	16.33	17.8	0
40	64QAM	1	1	16.32	16.51	16.34	17.8	0
40	256QAM	1	1	16.35	16.48	16.39	17.8	0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.04	16.08	15.94	17.8	0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.06	16.17	15.94	17.8	0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.01	16.19	16.01	17.8	0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.04	16.19	15.92	17.8	0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.09	16.14	16	17.8	0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.02	16.18	15.92	17.8	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.05	16.09	16.02	17.4	0
40	PI/2 BPSK	1	108	16.11	16.13	15.96		
40	PI/2 BPSK	1	214	16.11	16.02	15.96		
40	PI/2 BPSK	108	0	15.98	16.09	15.89	17.4	0
40	PI/2 BPSK	108	54	15.99	16.07	15.94	17.4	0
40	PI/2 BPSK	108	108	15.98	16.16	16.03	17.4	0
40	PI/2 BPSK	216	0	16.04	16	16.02		
40	QPSK	1	1	16.15	16.19	16.08	17.4	0
40	QPSK	1	108	16.03	15.99	15.95		
40	QPSK	1	214	16.01	16.02	15.9		
40	QPSK	108	0	16.04	16.1	16.02	17.4	0
40	QPSK	108	54	16.02	16.16	15.96	17.4	0
40	QPSK	108	108	16.04	16.04	15.92	17.4	0
40	QPSK	216	0	15.93	16	15.96		
40	16QAM	1	1	16.05	16.11	15.97	17.4	0
40	64QAM	1	1	16.04	16.03	15.93	17.4	0
40	256QAM	1	1	16.01	16.02	15.96	17.4	0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16	16.17	19.03	17.4	0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	16.12	16.11	18.98	17.4	0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.03	16.08	18.92	17.4	0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.06	16.11	18.94	17.4	0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.05	16.18	19.03	17.4	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.74	16.8	16.81	18	0
100	PI/2 BPSK	1	137	16.71	16.81	16.75		
100	PI/2 BPSK	1	271	16.66	16.91	16.8		
100	PI/2 BPSK	135	0	16.77	16.88	16.87	18	0
100	PI/2 BPSK	135	69	16.64	16.91	16.77	18	0
100	PI/2 BPSK	135	138	16.71	16.78	16.91	18	0
100	PI/2 BPSK	270	0	16.62	16.9	16.75		
100	QPSK	1	1	16.82	16.98	16.94	18	0
100	QPSK	1	137	16.62	16.81	16.89		
100	QPSK	1	271	16.71	16.79	16.83		
100	QPSK	135	0	16.76	16.74	16.78	18	0
100	QPSK	135	69	16.78	16.81	16.73	18	0
100	QPSK	135	138	16.69	16.74	16.78	18	0
100	QPSK	270	0	16.71	16.73	16.68		
100	16QAM	1	1	16.75	16.82	16.9	18	0
100	64QAM	1	1	16.73	16.91	16.87	18	0
100	256QAM	1	1	16.67	16.8	16.74	18	0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.26	16.48	16.39	18	0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.31	16.55	16.41	18	0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.4	16.54	16.46	18	0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.39	16.45	16.52	18	0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.27	16.46	16.48	18	0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.33	16.48	16.49	18	0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.36	16.56	16.49	18	0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.4	16.46	16.44	18	0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.35	16.45	16.41	18	0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.33	16.5	16.51	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				375000	376000	377000		
Frequency (MHz)				1875	1880	1885		
50	PI/2 BPSK	1	1	14.47	14.58	14.42	16	0
50	PI/2 BPSK	1	135	14.49	14.56	14.52		
50	PI/2 BPSK	1	268	14.48	14.57	14.56		
50	PI/2 BPSK	135	0	14.44	14.45	14.43	16	0
50	PI/2 BPSK	135	68	14.42	14.56	14.56	16	0
50	PI/2 BPSK	135	135	14.41	14.5	14.47	16	0
50	PI/2 BPSK	270	0	14.47	14.54	14.42		
50	QPSK	1	1	14.53	14.62	14.59	16	0
50	QPSK	1	135	14.33	14.43	14.38		
50	QPSK	1	268	14.36	14.45	14.46		
50	QPSK	135	0	14.4	14.44	14.39	16	0
50	QPSK	135	68	14.34	14.49	14.42	16	0
50	QPSK	135	135	14.46	14.46	14.45	16	0
50	QPSK	270	0	14.4	14.44	14.36		
50	16QAM	1	1	14.48	14.45	14.47	16	0
50	64QAM	1	1	14.4	14.49	14.39	16	0
50	256QAM	1	1	14.33	14.57	14.47	16	0
Channel				374000	376000	378000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1870	1880	1890		
40	QPSK	1	1	14.03	14.11	14.1	16	0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	14.07	14.21	14.05	16	0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	14.02	14.05	14.18	16	0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	13.96	14.11	14.03	16	0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	14.04	14.07	14.15	16	0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	13.98	14.06	14.03	16	0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	14.02	14.04	14.14	16	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		20.45		21.5	0
25	PI/2 BPSK	1	64		20.37			
25	PI/2 BPSK	1	131		20.41			
25	PI/2 BPSK	64	0		20.39		21.5	0
25	PI/2 BPSK	64	33		20.54		21.5	0
25	PI/2 BPSK	64	65		20.4		21.5	0
25	PI/2 BPSK	128	0		20.35			
25	QPSK	1	1		20.57		21.5	0
25	QPSK	1	64		20.55			
25	QPSK	1	131		20.53			
25	QPSK	64	0		20.34		21.5	0
25	QPSK	64	33		20.45		21.5	0
25	QPSK	64	65		20.29		21.5	0
25	QPSK	128	0		20.47			
25	16QAM	1	1		20.45		21.5	0
25	64QAM	1	1		19.73		21.5	0
25	256QAM	1	1		18.37		19.5	2
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	20.5	20.54	20.51	21.5	0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.04	20.06	19.97	21.5	0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.08	20	20.04	21.5	0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.01	20.04	20	21.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	15.37	15.44	15.05	16.6	0
50	PI/2 BPSK	1	135	15.35	15.37	15.21		
50	PI/2 BPSK	1	268	15.31	15.28	15.17		
50	PI/2 BPSK	135	0	15.28	15.43	15.17	16.6	0
50	PI/2 BPSK	135	68	15.31	15.38	15.18	16.6	0
50	PI/2 BPSK	135	135	15.22	15.37	15.08	16.6	0
50	PI/2 BPSK	270	0	15.23	15.42	15.14		
50	QPSK	1	1	15.41	15.48	15.25	16.6	0
50	QPSK	1	135	15.25	15.36	15.22		
50	QPSK	1	268	15.33	15.36	15.16		
50	QPSK	135	0	15.29	15.33	15.21	16.6	0
50	QPSK	135	68	15.31	15.41	15.17	16.6	0
50	QPSK	135	135	15.27	15.4	15.14	16.6	0
50	QPSK	270	0	15.24	15.36	15.13		
50	16QAM	1	1	15.29	15.38	15.07	16.6	0
50	64QAM	1	1	15.28	15.31	15.12	16.6	0
50	256QAM	1	1	15.22	15.37	15.13	16.6	0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	14.86	15.07	14.74	16.6	0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.96	14.95	14.7	16.6	0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	14.9	14.96	14.79	16.6	0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	14.91	15	14.71	16.6	0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15	14.92	14.83	16.6	0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.94	14.95	14.77	16.6	0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.92	15.06	14.84	16.6	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	13.37	13.43	13.42	14.7	0
40	PI/2 BPSK	1	108	13.43	13.54	13.44		
40	PI/2 BPSK	1	214	13.42	13.46	13.45		
40	PI/2 BPSK	108	0	13.4	13.52	13.33	14.7	0
40	PI/2 BPSK	108	54	13.5	13.38	13.48	14.7	0
40	PI/2 BPSK	108	108	13.5	13.38	13.38	14.7	0
40	PI/2 BPSK	216	0	13.5	13.38	13.34		
40	QPSK	1	1	13.56	13.58	13.52	14.7	0
40	QPSK	1	108	13.45	13.5	13.36		
40	QPSK	1	214	13.38	13.5	13.39		
40	QPSK	108	0	13.38	13.46	13.49	14.7	0
40	QPSK	108	54	13.5	13.51	13.39	14.7	0
40	QPSK	108	108	13.5	13.45	13.33	14.7	0
40	QPSK	216	0	13.38	13.48	13.42		
40	16QAM	1	1	13.4	13.47	13.34	14.7	0
40	64QAM	1	1	13.38	13.52	13.33	14.7	0
40	256QAM	1	1	13.44	13.42	13.42	14.7	0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	12.97	13.1	12.95	14.7	0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	13.01	13.14	13.01	14.7	0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	13.08	13.15	12.99	14.7	0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	13.15	13.09	13.04	14.7	0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	13.02	13.11	12.97	14.7	0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	13.08	13.08	13.09	14.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.72	15.77	15.69	17.2	0
40	PI/2 BPSK	1	108	15.73	15.66	15.76		
40	PI/2 BPSK	1	214	15.66	15.75	15.75		
40	PI/2 BPSK	108	0	15.59	15.64	15.69	17.2	0
40	PI/2 BPSK	108	54	15.58	15.8	15.65	17.2	0
40	PI/2 BPSK	108	108	15.65	15.74	15.73	17.2	0
40	PI/2 BPSK	216	0	15.68	15.66	15.77		
40	QPSK	1	1	15.78	15.85	15.82	17.2	0
40	QPSK	1	108	15.75	15.67	15.63		
40	QPSK	1	214	15.68	15.68	15.79		
40	QPSK	108	0	15.65	15.76	15.62	17.2	0
40	QPSK	108	54	15.65	15.81	15.73	17.2	0
40	QPSK	108	108	15.72	15.75	15.79	17.2	0
40	QPSK	216	0	15.57	15.78	15.69		
40	16QAM	1	1	15.7	15.65	15.79	17.2	0
40	64QAM	1	1	15.66	15.73	15.66	17.2	0
40	256QAM	1	1	15.74	15.64	15.74	17.2	0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.28	15.28	15.27	17.2	0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	15.22	15.31	15.4	17.2	0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	15.26	15.33	15.29	17.2	0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	15.35	15.35	15.25	17.2	0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	15.27	15.33	15.34	17.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.76	15.95	15.74	16.9	0
100	PI/2 BPSK	1	137	15.73	15.89	15.83		
100	PI/2 BPSK	1	271	15.7	15.82	15.85		
100	PI/2 BPSK	135	0	15.83	15.86	15.82	16.9	0
100	PI/2 BPSK	135	69	15.75	15.91	15.83	16.9	0
100	PI/2 BPSK	135	138	15.82	15.89	15.92	16.9	0
100	PI/2 BPSK	270	0	15.82	15.96	15.87		
100	QPSK	1	1	15.89	15.99	15.95	16.9	0
100	QPSK	1	137	15.77	15.84	15.86		
100	QPSK	1	271	15.8	15.87	15.83		
100	QPSK	135	0	15.83	15.8	15.77	16.9	0
100	QPSK	135	69	15.83	15.91	15.85	16.9	0
100	QPSK	135	138	15.8	15.9	15.76	16.9	0
100	QPSK	270	0	15.84	15.89	15.74		
100	16QAM	1	1	15.76	15.84	15.82	16.9	0
100	64QAM	1	1	15.68	15.79	15.75	16.9	0
100	256QAM	1	1	15.68	15.91	15.78	16.9	0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.44	15.54	15.45	16.9	0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.39	15.42	15.51	16.9	0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.46	15.52	15.49	16.9	0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.38	15.57	15.49	16.9	0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.41	15.56	15.45	16.9	0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.38	15.42	15.49	16.9	0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.36	15.51	15.4	16.9	0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.43	15.48	15.51	16.9	0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	15.31	15.46	15.45	16.9	0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	15.39	15.42	15.4	16.9	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.02	23.11	23.04	23.5	0
40	PI/2 BPSK	1	108	22.5	22.6	22.58		
40	PI/2 BPSK	1	214	21.89	21.89	21.81		
40	PI/2 BPSK	108	0	22.16	22.34	22.21	23.5	0
40	PI/2 BPSK	108	54	22.53	22.53	22.43	23.5	0
40	PI/2 BPSK	108	108	22.15	22.23	22.07	23.5	0
40	PI/2 BPSK	216	0	22.07	22.19	22.09		
40	QPSK	1	1	22.92	23.12	23.01	23.5	0
40	QPSK	1	108	22.74	22.77	22.56		
40	QPSK	1	214	22.09	22.03	22.11		
40	QPSK	108	0	21.68	21.89	21.77	23	0.5
40	QPSK	108	54	22.40	22.54	22.49	23.5	0
40	QPSK	108	108	21.11	22.50	21.01	23	0.5
40	QPSK	216	0	21.44	21.59	21.52		
40	16QAM	1	1	21.88	21.96	21.85	23	0.5
40	64QAM	1	1	20.61	20.63	20.64	21.5	2
40	256QAM	1	1	19.24	19.29	19.15	19.5	4
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.83	22.96	22.84	23.5	0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.79	23.12	22.82	23.5	0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.83	22.92	23.01	23.5	0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.8	23.07	22.89	23.5	0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.72	23.01	22.97	23.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.50	21.96	21.53	23.2	0
100	PI/2 BPSK	1	137	21.75	21.66	21.75		
100	PI/2 BPSK	1	271	21.61	22.00	21.39		
100	PI/2 BPSK	135	0	21.54	22.01	21.47	23.2	0
100	PI/2 BPSK	135	69	21.71	21.81	21.57	23.2	0
100	PI/2 BPSK	135	138	21.54	21.74	21.58	23.2	0
100	PI/2 BPSK	270	0	21.57	21.74	21.56		
100	QPSK	1	1	21.74	22.11	21.66	23.2	0
100	QPSK	1	137	21.66	21.80	21.44		
100	QPSK	1	271	21.52	21.95	21.60		
100	QPSK	135	0	21.52	21.72	21.73	23	0.2
100	QPSK	135	69	21.60	22.02	21.37	23.2	0
100	QPSK	135	138	21.67	21.81	21.52	23	0.2
100	QPSK	270	0	21.67	22.01	21.53		
100	16QAM	1	1	21.68	21.96	21.59	23	0.2
100	64QAM	1	1	20.31	20.37	20.24	21.5	1.7
100	256QAM	1	1	18.18	18.54	18.18	19.5	3.7
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.53	22.03	21.58	23.2	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.57	22	21.53	23.2	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.61	21.95	21.54	23.2	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.68	21.83	21.65	23.2	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.71	22.02	21.53	23.2	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.61	21.98	21.56	23.2	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.62	21.86	21.48	23.2	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.54	21.98	21.64	23.2	0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.53	21.99	21.67	23.2	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.7	21.87	21.46	23.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.37		23.2	0
100	PI/2 BPSK	1	137		21.54			
100	PI/2 BPSK	1	271		21.43			
100	PI/2 BPSK	135	0		21.42		23.2	0
100	PI/2 BPSK	135	69		21.35		23.2	0
100	PI/2 BPSK	135	138		21.29		23.2	0
100	PI/2 BPSK	270	0		21.22			
100	QPSK	1	1		21.74		23.2	0
100	QPSK	1	137		21.28			
100	QPSK	1	271		21.64			
100	QPSK	135	0		21.30		23	0.2
100	QPSK	135	69		21.42		23.2	0
100	QPSK	135	138		21.39		23	0.2
100	QPSK	270	0		21.50			
100	16QAM	1	1		21.58		23	0.2
100	64QAM	1	1		20.05		21.5	1.7
100	256QAM	1	1		18.11		19.5	3.7
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.63	21.64	21.53	23.2	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.7	21.71	21.54	23.2	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.61	21.61	21.57	23.2	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.69	21.7	21.54	23.2	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.53	21.7	21.71	23.2	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.65	21.68	21.72	23.2	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.61	21.7	21.61	23.2	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.62	21.56	21.6	23.2	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.73	21.71	21.7	23.2	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.52	21.58	21.6	23.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	12.4	12.53	12.48	13.8	0
100	PI/2 BPSK	1	137	12.43	12.53	12.41		
100	PI/2 BPSK	1	271	12.39	12.6	12.49		
100	PI/2 BPSK	135	0	12.45	12.45	12.41	13.8	0
100	PI/2 BPSK	135	69	12.36	12.6	12.47	13.8	0
100	PI/2 BPSK	135	138	12.36	12.6	12.44	13.8	0
100	PI/2 BPSK	270	0	12.41	12.47	12.58		
100	QPSK	1	1	12.52	12.66	12.61	13.8	0
100	QPSK	1	137	12.37	12.6	12.56		
100	QPSK	1	271	12.32	12.5	12.42		
100	QPSK	135	0	12.49	12.52	12.57	13.8	0
100	QPSK	135	69	12.37	12.62	12.43	13.8	0
100	QPSK	135	138	12.39	12.5	12.43	13.8	0
100	QPSK	270	0	12.39	12.61	12.49		
100	16QAM	1	1	12.4	12.51	12.49	13.8	0
100	64QAM	1	1	12.35	12.48	12.53	13.8	0
100	256QAM	1	1	12.32	12.57	12.45	13.8	0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	11.99	12.23	12.04	13.8	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	12.06	12.07	12.08	13.8	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	11.97	12.17	12.12	13.8	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	11.99	12.19	12.04	13.8	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	12	12.22	12.07	13.8	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	12.01	12.25	12.14	13.8	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	12.07	12.12	12.19	13.8	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	12.01	12.25	12.17	13.8	0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	12.08	12.23	12.05	13.8	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	12.06	12.15	12.07	13.8	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		12.41		13.8	0
100	PI/2 BPSK	1	137		12.42			
100	PI/2 BPSK	1	271		12.49			
100	PI/2 BPSK	135	0		12.55		13.8	0
100	PI/2 BPSK	135	69		12.49		13.8	0
100	PI/2 BPSK	135	138		12.44		13.8	0
100	PI/2 BPSK	270	0		12.55			
100	QPSK	1	1		12.61		13.8	0
100	QPSK	1	137		12.45			
100	QPSK	1	271		12.46			
100	QPSK	135	0		12.44		13.8	0
100	QPSK	135	69		12.46		13.8	0
100	QPSK	135	138		12.44		13.8	0
100	QPSK	270	0		12.41			
100	16QAM	1	1		12.4		13.8	0
100	64QAM	1	1		12.57		13.8	0
100	256QAM	1	1		12.55		13.8	0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	11.95	12.15	12.15	13.8	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	11.99	12.2	12.17	13.8	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	12.06	12.24	12.17	13.8	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	12.1	12.24	12.02	13.8	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	12.02	12.17	12.17	13.8	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	12.07	12.13	12.06	13.8	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	12.08	12.18	12.16	13.8	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	12.08	12.21	12.09	13.8	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	12.09	12.08	12.18	13.8	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	12.02	12.11	12.12	13.8	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	14.09	14.30	14.14	15.5	0
40	PI/2 BPSK	1	108	14.20	14.11	14.20		
40	PI/2 BPSK	1	214	14.04	14.29	14.18		
40	PI/2 BPSK	108	0	14.07	14.29	14.28	15.5	0
40	PI/2 BPSK	108	54	14.04	14.13	14.11	15.5	0
40	PI/2 BPSK	108	108	14.09	14.28	14.09	15.5	0
40	PI/2 BPSK	216	0	14.01	14.11	14.23		
40	QPSK	1	1	14.20	14.31	14.28	15.5	0
40	QPSK	1	108	14.17	14.17	14.18		
40	QPSK	1	214	14.19	14.21	14.19		
40	QPSK	108	0	14.16	14.14	14.12	15.5	0
40	QPSK	108	54	14.01	14.28	14.20	15.5	0
40	QPSK	108	108	14.13	14.15	14.13	15.5	0
40	QPSK	216	0	14.04	14.22	14.19		
40	16QAM	1	1	14.02	14.19	14.26	15.5	0
40	64QAM	1	1	14.06	14.09	14.24	15.5	0
40	256QAM	1	1	14.00	14.24	14.19	15.5	0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	14.19	14.28	14.08	15.5	0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	14.05	14.10	14.18	15.5	0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	14.01	14.13	14.12	15.5	0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	14.05	14.29	14.26	15.5	0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	14.06	14.19	14.23	15.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.74	13.85	13.73	15	0
100	PI/2 BPSK	1	137	13.75	13.73	13.74		
100	PI/2 BPSK	1	271	13.65	13.76	13.76		
100	PI/2 BPSK	135	0	13.44	13.51	13.55	15	0
100	PI/2 BPSK	135	69	13.77	13.75	13.73	15	0
100	PI/2 BPSK	135	138	13.48	13.4	13.42	15	0
100	PI/2 BPSK	270	0	13.33	13.45	13.48		
100	QPSK	1	1	13.99	14.07	13.78	15	0
100	QPSK	1	137	13.69	13.85	13.71		
100	QPSK	1	271	13.68	13.8	13.83		
100	QPSK	135	0	13.83	13.9	13.69	15	0
100	QPSK	135	69	13.91	14.03	13.79	15	0
100	QPSK	135	138	13.73	13.75	13.74	15	0
100	QPSK	270	0	13.71	13.98	13.62		
100	16QAM	1	1	13.71	13.78	13.8	15	0
100	64QAM	1	1	13.58	13.74	13.79	15	0
100	256QAM	1	1	13.87	13.86	13.62	15	0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	13.89	13.93	13.62	15	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	13.92	13.87	13.65	15	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.85	13.92	13.62	15	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	13.9	13.84	13.61	15	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	13.95	13.96	13.62	15	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.8	14.01	13.63	15	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	13.93	13.87	13.57	15	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	13.99	13.86	13.69	15	0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	13.77	13.95	13.62	15	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	13.82	13.84	13.62	15	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.49		15	0
100	PI/2 BPSK	1	137		13.44			
100	PI/2 BPSK	1	271		13.22			
100	PI/2 BPSK	135	0		13.03		15	0
100	PI/2 BPSK	135	69		13.41		15	0
100	PI/2 BPSK	135	138		12.99		15	0
100	PI/2 BPSK	270	0		13.12			
100	QPSK	1	1		13.71		15	0
100	QPSK	1	137		13.51			
100	QPSK	1	271		13.44			
100	QPSK	135	0		13.38		15	0
100	QPSK	135	69		13.64		15	0
100	QPSK	135	138		13.37		15	0
100	QPSK	270	0		13.42			
100	16QAM	1	1		13.24		15	0
100	64QAM	1	1		13.37		15	0
100	256QAM	1	1		13.33		15	0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	13.39	13.33	13.31	15	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	13.19	13.37	13.23	15	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.18	13.21	13.27	15	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	13.37	13.31	13.34	15	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	13.32	13.33	13.36	15	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.31	13.3	13.34	15	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	13.18	13.35	13.18	15	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	13.32	13.35	13.27	15	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	13.31	13.2	13.28	15	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	13.2	13.22	13.38	15	0

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BW [MHz]	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	17.36	17.32	16.87	18.5	0
100	PI/2 BPSK	1	137	17.29	17.48	16.83		
100	PI/2 BPSK	1	271	17.22	17.24	16.86		
100	PI/2 BPSK	135	0	17.2	17.21	16.81	18.5	0
100	PI/2 BPSK	135	69	17.19	17.35	16.99	18.5	0
100	PI/2 BPSK	135	138	17.19	17.45	16.89	18.5	0
100	PI/2 BPSK	270	0	17.18	17.49	16.86		
100	QPSK	1	1	17.31	17.52	17.08	18.5	0
100	QPSK	1	137	17.25	17.29	17.08		
100	QPSK	1	271	17.13	17.49	16.84		
100	QPSK	135	0	17.2	17.28	16.92	18.5	0
100	QPSK	135	69	17.35	17.47	16.88	18.5	0
100	QPSK	135	138	17.24	17.36	17.09	18.5	0
100	QPSK	270	0	17.21	17.34	16.84		
100	16QAM	1	1	17.28	17.41	16.93	18.5	0
100	64QAM	1	1	17.01	17.19	16.86	18.5	0
100	256QAM	1	1	17.33	17.25	17.02	18.5	0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.26	17.51	16.92	18.5	0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.12	17.47	16.99	18.5	0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.15	17.45	16.91	18.5	0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.25	17.51	16.97	18.5	0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.19	17.37	16.93	18.5	0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.17	17.49	16.95	18.5	0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.13	17.47	17.02	18.5	0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.16	17.46	16.92	18.5	0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.14	17.4	16.97	18.5	0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.1	17.37	17.09	18.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.76		18.5	0
100	PI/2 BPSK	1	137		16.85			
100	PI/2 BPSK	1	271		16.98			
100	PI/2 BPSK	135	0		16.94		18.5	0
100	PI/2 BPSK	135	69		17.13		18.5	0
100	PI/2 BPSK	135	138		16.92		18.5	0
100	PI/2 BPSK	270	0		16.88			
100	QPSK	1	1		17.22		18.5	0
100	QPSK	1	137		17.07			
100	QPSK	1	271		16.73			
100	QPSK	135	0		16.82		18.5	0
100	QPSK	135	69		16.86		18.5	0
100	QPSK	135	138		16.81		18.5	0
100	QPSK	270	0		16.92			
100	16QAM	1	1		16.84		18.5	0
100	64QAM	1	1		16.87		18.5	0
100	256QAM	1	1		17.03		18.5	0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.04	17.17	16.96	18.5	0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.16	17.17	17.05	18.5	0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.98	17.03	17.14	18.5	0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.03	16.99	16.96	18.5	0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.96	16.95	17.07	18.5	0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.08	17.16	17.18	18.5	0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.18	17.03	17.04	18.5	0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.1	16.97	17.15	18.5	0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.11	17.07	17.19	18.5	0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.1	17.16	16.98	18.5	0

Default&ECI4 Power for FR1 Other PA

n7 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.23	22.42	22.17	24	0
50	PI/2 BPSK	1	135	22.46	22.5	22.29		
50	PI/2 BPSK	1	268	22.38	22.36	22.22		
50	PI/2 BPSK	135	0	21.91	22.07	21.91	23.5	0.5
50	PI/2 BPSK	135	68	22.2	22.39	22.23	24	0
50	PI/2 BPSK	135	135	21.92	22.03	21.79	23.5	0.5
50	PI/2 BPSK	270	0	22.02	21.91	21.89		
50	QPSK	1	1	22.37	22.58	22.44	24	0
50	QPSK	1	135	22.26	22.4	22.45		
50	QPSK	1	268	22.35	22.55	22.37		
50	QPSK	135	0	21.44	21.49	21.31	23	1
50	QPSK	135	68	22.56	22.57	22.3	24	0
50	QPSK	135	135	21.21	21.54	21.47	23	1
50	QPSK	270	0	21.34	21.49	21.41		
50	16QAM	1	1	20.9	21.17	20.91	23	1
50	64QAM	1	1	19.32	19.56	19.59	21.5	2.5
50	256QAM	1	1	18	18.35	18.14	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.31	22.5	22.29	24	0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.33	22.51	22.22	24	0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.29	22.4	22.42	24	0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.3	22.4	22.23	24	0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.33	22.53	22.38	24	0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.23	22.43	22.27	24	0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.31	22.45	22.34	24	0

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BW [MHz]	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	22.58	22.82	22.79	24	0
50	PI/2 BPSK	1	135	23.01	22.87	22.97		
50	PI/2 BPSK	1	268	22.93	23.01	22.96		
50	PI/2 BPSK	135	0	22.36	22.46	22.37	23.5	0.5
50	PI/2 BPSK	135	68	22.78	22.85	22.88	24	0
50	PI/2 BPSK	135	135	22.34	22.31	22.25	23.5	0.5
50	PI/2 BPSK	270	0	22.29	22.49	22.42		
50	QPSK	1	1	22.81	23.13	23.03	24	0
50	QPSK	1	135	22.94	22.87	22.94		
50	QPSK	1	268	22.83	22.99	22.96		
50	QPSK	135	0	21.76	21.95	21.81	23	1
50	QPSK	135	68	23.01	23.04	22.85	24	0
50	QPSK	135	135	21.75	21.82	21.84	23	1
50	QPSK	270	0	21.76	21.84	21.8		
50	16QAM	1	1	21.17	21.27	21.27	23	1
50	64QAM	1	1	19.74	19.88	19.7	21.5	2.5
50	256QAM	1	1	18.39	18.4	18.39	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.7	23.13	22.94	24	0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.73	22.96	22.83	24	0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.74	23.04	22.9	24	0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.82	22.97	22.85	24	0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.66	23.01	22.84	24	0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.65	23	22.81	24	0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.75	22.91	23.03	24	0

Reduced Power Mode for Other PA ECI2

n7 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.23	22.42	22.17	24	0
50	PI/2 BPSK	1	135	22.46	22.5	22.29		
50	PI/2 BPSK	1	268	22.38	22.36	22.22		
50	PI/2 BPSK	135	0	21.91	22.07	21.91	23.5	0.5
50	PI/2 BPSK	135	68	22.2	22.39	22.23	24	0
50	PI/2 BPSK	135	135	21.92	22.03	21.79	23.5	0.5
50	PI/2 BPSK	270	0	22.02	21.91	21.89		
50	QPSK	1	1	22.37	22.58	22.44	24	0
50	QPSK	1	135	22.26	22.4	22.45		
50	QPSK	1	268	22.35	22.55	22.37		
50	QPSK	135	0	21.44	21.49	21.31	23	1
50	QPSK	135	68	22.56	22.57	22.3	24	0
50	QPSK	135	135	21.21	21.54	21.47	23	1
50	QPSK	270	0	21.34	21.49	21.41		
50	16QAM	1	1	20.9	21.17	20.91	23	1
50	64QAM	1	1	19.32	19.56	19.59	21.5	2.5
50	256QAM	1	1	18	18.35	18.14	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.31	22.5	22.29	24	0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.33	22.51	22.22	24	0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.29	22.4	22.42	24	0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.3	22.4	22.23	24	0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.33	22.53	22.38	24	0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.23	22.43	22.27	24	0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.31	22.45	22.34	24	0

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BW [MHz]	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	16.87	17.09	16.96	18.5	0
50	PI/2 BPSK	1	135	16.79	17.09	17.05		
50	PI/2 BPSK	1	268	16.84	17.11	17.03		
50	PI/2 BPSK	135	0	16.86	17.16	17	18.5	0
50	PI/2 BPSK	135	68	16.9	17.13	16.95	18.5	0
50	PI/2 BPSK	135	135	16.81	17.1	17.03	18.5	0
50	PI/2 BPSK	270	0	16.84	17.04	16.96		
50	QPSK	1	1	16.92	17.21	17.11	18.5	0
50	QPSK	1	135	16.9	17.08	17.1		
50	QPSK	1	268	16.78	17.1	16.94		
50	QPSK	135	0	16.74	17.11	16.96	18.5	0
50	QPSK	135	68	16.79	17.18	16.92	18.5	0
50	QPSK	135	135	16.77	17.02	17.08	18.5	0
50	QPSK	270	0	16.8	17.16	17.08		
50	16QAM	1	1	16.83	17.16	17.05	18.5	0
50	64QAM	1	1	16.91	17.04	17.04	18.5	0
50	256QAM	1	1	16.83	17.09	16.95	18.5	0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	16.45	16.73	16.56	18.5	0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.46	16.65	16.56	18.5	0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.38	16.75	16.63	18.5	0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	16.5	16.77	16.68	18.5	0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.47	16.7	16.59	18.5	0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.38	16.66	16.59	18.5	0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.49	16.75	16.65	18.5	0

Reduced Power Mode for Other PA ECI3

n7 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	16.53	16.56	16.58	18	0
50	PI/2 BPSK	1	135	16.48	16.57	16.63		
50	PI/2 BPSK	1	268	16.4	16.67	16.54		
50	PI/2 BPSK	135	0	16.42	16.52	16.59	18	0
50	PI/2 BPSK	135	68	16.43	16.54	16.62	18	0
50	PI/2 BPSK	135	135	16.4	16.63	16.6	18	0
50	PI/2 BPSK	270	0	16.46	16.66	16.53		
50	QPSK	1	1	16.47	16.68	16.55	18	0
50	QPSK	1	135	16.35	16.58	16.42		
50	QPSK	1	268	16.5	16.67	16.45		
50	QPSK	135	0	16.37	16.6	16.6	17	1
50	QPSK	135	68	16.51	16.64	16.57	18	0
50	QPSK	135	135	16.42	16.61	16.51	17	1
50	QPSK	270	0	16.5	16.62	16.46		
50	16QAM	1	1	16.39	16.54	16.49	18	0
50	64QAM	1	1	16.47	16.6	16.53	18	0
50	256QAM	1	1	16.41	16.6	16.6	18	0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	16.39	16.61	16.47	18	0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.43	16.68	16.55	18	0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.36	16.58	16.52	18	0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	16.52	16.52	16.6	18	0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.52	16.61	16.56	18	0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.42	16.54	16.48	18	0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.36	16.64	16.63	18	0

n7 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	17.32	17.44	17.34	18.6	0
50	PI/2 BPSK	1	135	17.18	17.55	17.32		
50	PI/2 BPSK	1	268	17.3	17.5	17.4		
50	PI/2 BPSK	135	0	17.18	17.42	17.37	18.6	0
50	PI/2 BPSK	135	68	17.26	17.46	17.44	18.6	0
50	PI/2 BPSK	135	135	17.2	17.57	17.28	18.6	0
50	PI/2 BPSK	270	0	17.23	17.53	17.42		
50	QPSK	1	1	17.37	17.58	17.46	18.6	0
50	QPSK	1	135	17.31	17.52	17.43		
50	QPSK	1	268	17.26	17.47	17.44		
50	QPSK	135	0	17.25	17.52	17.32	17.6	1
50	QPSK	135	68	17.23	17.55	17.39	18.6	0
50	QPSK	135	135	17.29	17.53	17.27	17.6	1
50	QPSK	270	0	17.25	17.42	17.32		
50	16QAM	1	1	17.2	17.4	17.38	18.6	0
50	64QAM	1	1	17.29	17.51	17.33	18.6	0
50	256QAM	1	1	17.27	17.42	17.37	18.6	0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	17.26	17.48	17.3	18.6	0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.24	17.52	17.3	18.6	0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.32	17.48	17.28	18.6	0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	17.21	17.44	17.39	18.6	0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.31	17.42	17.43	18.6	0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.21	17.42	17.32	18.6	0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.29	17.39	17.44	18.6	0

Reduced Power Mode for Other PA ECI6

n7 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.26	20.46	20.33	22	0
50	PI/2 BPSK	1	135	20.42	20.43	20.3		
50	PI/2 BPSK	1	268	20.31	20.42	20.3		
50	PI/2 BPSK	135	0	20.41	20.4	20.4	22	0
50	PI/2 BPSK	135	68	20.26	20.53	20.37	22	0
50	PI/2 BPSK	135	135	20.32	20.48	20.38	22	0
50	PI/2 BPSK	270	0	20.3	20.4	20.38		
50	QPSK	1	1	20.44	20.56	20.42	22	0
50	QPSK	1	135	20.3	20.41	20.24		
50	QPSK	1	268	20.38	20.48	20.23		
50	QPSK	135	0	20.4	20.4	20.24	21	1
50	QPSK	135	68	20.37	20.49	20.26	22	0
50	QPSK	135	135	20.25	20.4	20.36	21	1
50	QPSK	270	0	20.33	20.43	20.25		
50	16QAM	1	1	20.42	20.4	20.31	22	0
50	64QAM	1	1	19.32	19.56	19.59	21.5	0.5
50	256QAM	1	1	18	18.35	18.14	19.5	2.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.29	20.51	20.3	22	0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.41	20.48	20.25	22	0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.3	20.55	20.31	22	0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.27	20.45	20.37	22	0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.28	20.4	20.28	22	0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.28	20.52	20.26	22	0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.26	20.45	20.34	22	0

n7 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.46	18.63	18.51	19.5	0
50	PI/2 BPSK	1	135	18.52	18.54	18.45		
50	PI/2 BPSK	1	268	18.45	18.61	18.52		
50	PI/2 BPSK	135	0	18.42	18.61	18.38	19.5	0
50	PI/2 BPSK	135	68	18.52	18.59	18.51	19.5	0
50	PI/2 BPSK	135	135	18.58	18.64	18.46	19.5	0
50	PI/2 BPSK	270	0	18.56	18.59	18.39		
50	QPSK	1	1	18.59	18.67	18.56	19.5	0
50	QPSK	1	135	18.45	18.53	18.38		
50	QPSK	1	268	18.55	18.63	18.37		
50	QPSK	135	0	18.55	18.56	18.46	18.5	1
50	QPSK	135	68	18.45	18.62	18.47	19.5	0
50	QPSK	135	135	18.48	18.6	18.44	18.5	1
50	QPSK	270	0	18.41	18.52	18.49		
50	16QAM	1	1	18.52	18.49	18.48	19.5	0
50	64QAM	1	1	18.44	18.61	18.4	19.5	0
50	256QAM	1	1	18.39	18.4	18.39	19.5	0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.53	18.56	18.4	19.5	0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.4	18.58	18.49	19.5	0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.42	18.63	18.5	19.5	0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.52	18.59	18.43	19.5	0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.49	18.58	18.51	19.5	0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.54	18.63	18.49	19.5	0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.52	18.5	18.51	19.5	0

Reduced Power Mode for Other PA ECI7

n7 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	14.31	14.48	14.38	15.9	0
50	PI/2 BPSK	1	135	14.38	14.64	14.39		
50	PI/2 BPSK	1	268	14.24	14.63	14.45		
50	PI/2 BPSK	135	0	14.32	14.57	14.44	15.9	0
50	PI/2 BPSK	135	68	14.36	14.6	14.46	15.9	0
50	PI/2 BPSK	135	135	14.33	14.65	14.43	15.9	0
50	PI/2 BPSK	270	0	14.35	14.6	14.4		
50	QPSK	1	1	14.41	14.66	14.5	15.9	0
50	QPSK	1	135	14.23	14.64	14.44		
50	QPSK	1	268	14.39	14.57	14.32		
50	QPSK	135	0	14.32	14.49	14.37	14.9	1
50	QPSK	135	68	14.28	14.54	14.32	15.9	0
50	QPSK	135	135	14.24	14.5	14.48	14.9	1
50	QPSK	270	0	14.33	14.46	14.35		
50	16QAM	1	1	14.39	14.5	14.43	15.9	0
50	64QAM	1	1	14.23	14.58	14.33	15.9	0
50	256QAM	1	1	14.33	14.6	14.42	15.9	0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	14.35	14.5	14.44	15.9	0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.39	14.62	14.42	15.9	0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	14.26	14.63	14.34	15.9	0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	14.26	14.65	14.41	15.9	0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	14.31	14.48	14.36	15.9	0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.24	14.61	14.39	15.9	0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.33	14.63	14.38	15.9	0

n7 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	15.61	15.69	15.43	16.5	0
50	PI/2 BPSK	1	135	15.56	15.63	15.46		
50	PI/2 BPSK	1	268	15.64	15.6	15.3		
50	PI/2 BPSK	135	0	15.61	15.53	15.36	16.5	0
50	PI/2 BPSK	135	68	15.52	15.63	15.28	16.5	0
50	PI/2 BPSK	135	135	15.51	15.59	15.39	16.5	0
50	PI/2 BPSK	270	0	15.59	15.57	15.45		
50	QPSK	1	1	15.65	15.7	15.47	16.5	0
50	QPSK	1	135	15.63	15.63	15.31		
50	QPSK	1	268	15.49	15.69	15.32		
50	QPSK	135	0	15.62	15.54	15.34	15.5	1
50	QPSK	135	68	15.5	15.66	15.41	16.5	0
50	QPSK	135	135	15.56	15.61	15.43	15.5	1
50	QPSK	270	0	15.53	15.64	15.28		
50	16QAM	1	1	15.55	15.55	15.38	16.5	0
50	64QAM	1	1	15.51	15.54	15.29	16.5	0
50	256QAM	1	1	15.62	15.53	15.4	16.5	0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	15.56	15.63	15.39	16.5	0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.53	15.61	15.31	16.5	0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.55	15.57	15.37	16.5	0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	15.5	15.58	15.39	16.5	0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.58	15.63	15.43	16.5	0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.58	15.62	15.46	16.5	0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.53	15.59	15.3	16.5	0

Conducted Power for WLAN/Bluetooth

				Ant.1 Full power For Body-worn Standalone For Extremity Standalone		Ant.2 Full power For Body-worn Standalone For Extremity Standalone		Ant.1+2 Full power For Body-worn Standalone For Extremity Standalone		Ant.2 For Head Standalone		Ant.5 For Head Standalone		Ant.3+5 For Head Standalone		Ant.3 For Head Simultaneous		Ant.5 For Head Simultaneous		Ant.3+5 For Head Simultaneous		Ant.3 For Body-worn Simultaneous		Ant.5 For Body-worn Simultaneous		Ant.3+5 For Body-worn Simultaneous		Ant.3 For Body-worn Simultaneous		Ant.3+5 For Body-worn Simultaneous For Extremity Simultaneous		Ant.3 For Hotspot		Ant.5 For Hotspot		Ant.3+5 For 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	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	20.1	21.5	20.38	22	23.25	25	16.56	18	16.94	18.5	19.76	21.5	10.64	12	11.03	12.5	13.85	15.5	14.64	16	14.9	16.5	17.78	19.5	16.11	17.5	16.45	18	19.29	21		
		6	2437	20.03	21.5	19.13	21	22.61	24.5	16.65	18	16.51	18.5	19.59	21.5	10.73	12	10.57	12.5	13.66	15.5	14.57	16	14.53	16.5	17.56	19.5	16.19	17.5	16.06	18	19.14	21	99.48	
		11	2462	19.61	21	19.94	21.5	22.79	24.5	16.28	18	16.83	18.5	19.57	21.5	10.4	12	10.84	12.5	13.64	15.5	14.38	16	14.61	16.5	17.61	19.5	15.83	17.5	16.37	18	19.12	21		
	802.11g 6Mbps	1	2412	18.41	20	18.56	20	21.25	23		18		18.5		21.5		12		12.5		15.5		16		16.5		19.5		17.5		18		21		
		6	2437	17.95	19.5	17.02	19	20.52	22.5		18		18.5		21.5		12		12.5		15.5		16		16.5		19.5		17.5		18		21		96.97	
		11	2462	17.49	19	17.58	19	20.55	22		18		18.5		21.5		12		12.5		15.5		16		16.5		19.5		17.5		18		21			
	802.11n HT20 MCS0	1	2412	12.12	13.5	12.6	14	15.38	17		13.5		14		17		12		12.5		15.5		13.5		14		17		13.5		14		17			
		6	2437	16.1	17.5	15.92	17.5	19.02	20.5	Not Required	17.5	Not Required	17.5	Not Required	20.5	Not Required	12	Not Required	12.5	Not Required	15.5	Not Required	16	Not Required	16.5	Not Required	19.5	Not Required	17.5	Not Required	17.5	Not Required	20.5			
		11	2462	17.01	18.5	16.09	18	19.58	21.5		18		18.5		21.5		12		12.5		15.5		16		16.5		19.5		17.5		18		21		96.78	
	802.11n HT40 MCS0	3	2422	16.26	18	16.72	18	19.51	21		18		18.5		21		12		12.5		15.5		16		16.5		19.5		17.5		18		21			
		11	2452	13.63	15	14.1	15	16.88	18		15		15		18		12		12.5		15.5		15		15		18		15		15		18			
		11	2462	12.26	13.5	12.5	14	15.39	17		13.5		14		17		12		12.5		15.5		13.5		14		17		13.5		14		17			
		3	2422	15.09	16.5	15.66	17	18.39	20	15.09	16.5	15.66	17	18.39	20		12		12.5		15.5		16		16.5		19.5		16.5		17		20			
		6	2437	16.9	18.5	16.51	18.5	19.72	21.5	16.9	18.5	16.51	18.5	19.72	21.5		12		12.5		15.5		16		16.5		19.5		17.5		18		21			
		7	2442	14.75	16.5	14.59	16	17.68	19.5	14.75	16.5	14.59	16	17.68	19.5		12		12.5		15.5		16		16		19.5		16.5		16		19.5		93.68	
		8	2447	11.91	13.5	11.63	13	14.78	16.5	11.91	13.5	11.63	13	14.78	16.5		12		12.5		15.5		13.5		13		16.5		13.5		13		16.5			
		9	2452	11.44	13	11.7	13	14.58	16	11.44	13	11.7	13	14.58	16		12		12.5		15.5		13		13		16		13		13		16			
	802.11ac VHT40 MCS0	1	2412	16.13	17.5	15.95	17.5	19.05	20.50		17.5		17.5		20.50		12		12.5		15.5		16		16.5		19.5		17.5		17.5		20.5			
		4	2417	17.66	18.5	16.23	17.5	19.66	21.00		18		17.5		21.00		12		12.5		15.5		16		16.5		19.5		17.5		17.5		21			
		6	2432	16.23	18	16.77	18.5	19.52	21.50		18		18.5		21.50	Not Required	12	Not Required	12.5	Not Required	15.5	Not Required	16	Not Required	16.5	Not Required	19.5	Not Required	18	Not Required	18	Not Required	21		94	
		10	2457	13.69	15.5	14.16	15.5	16.94	18.50		15.5		15.5		18.50		12		12.5		15.5		15.5		15.5		18.5		15.5		15.5		18.5			
		11	2992	12.32	14	12.57	14	15.46	17.00		14		14		17.00		12		12.5		15.5		14		14		17		14		14		17			
	802.11ac VHT40 MCS0	3	2422	15.12	16.5	15.67	17.5	18.41	20.00		16.5		17.5		20.00		12		12.5		15.5		16		16.5		19.5		16.5		17.5		20			
		6	2437	17.11	18.5	16.74	18.5	19.94	21.50		18		18.5		21.50		12		12.5		15.5		16		16.5		19.5		17.5		18		21			
		7	2442	14.8	16.5	14.65	16.5	17.74	19.50		16.5		16.5		19.50		12		12.5		15.5		16		16.5		19.5		16.5		16.5		19.5			
		8	2447	11.97	13.5	11.66	13.5	14.83	16.50		13.5		13.5		16.50		12		12.5		15.5		13.5		13.5		16.5		13.5		13.5		16.5			
		9	2452	11.47	13	11.69	13.5	14.59	16.50		13		13.5		16.50		12		12.5		15.5		13		13.5		16.5		13.5		13.5		16.5			
	802.11ac VHT80 MCS0	1	2412	10.24	17.5	16.04	17.5	19.15	20.5	Not Required	17.5	Not Required	17.5	Not Required	20.5		12		12.5		15.5		16		16.5		19.5		17.5		17.5		20.5			
		6	2437	17.13	18.5	16.32	18	19.75	21.5		18		18		21.5		12		12.5		15.5		16		16.5		19.5		17.5		18		21			
		9	2452	10.37	18	16.64	18.5	19.62	21.5		18		18.5		21.5		12		12.5		15.5		16		16.5		19.5		17.5		18		21		95.89	
		10	2457	13.76	15.5	14.19	15	16.99	18.5		15		15		18.5		12		12.5		15.5		15.5		15.5		18.5		15.5		15.5		18.5			
		11	2462	12.41	14	12.67	14	15.55	17		14		14		17		12		12.5		15.5		14		14		17		14		14		17			
	802.11ax HE20 MCS0	3	2422	15.21	16.5	15.79	17.5	18.52	20		16.5		17.5		20		12		12.5		15.5		16		16.5		19.5		16.5		17.5		20			
		6	2437	17.22	18	16.85	18.5	20.1	22		18		18.5		21.5		12		12.5		15.5		16		16.5		19.5		17.5		18		21			
		7	2442	14.89	16.5	14.73	16	17.82	19.5		16.5		16		19.5		12		12.5		15.5		16		16		19.5		16.5		16		19.5		92.46	
		8	2447	12.06	13.5	11.77	13.5	14.93	16.5		13.5		13.5		16.5		12		12.5		15.5		13.5		13.5		16.5		13.5		13.5		16.5			
		9	2452	11.55	13	11.78	13.5	14.68	16.5		13		13.5		16.5		12		12.5		15.5		13		13.5		16.5		13		13.5		16.5			

				Ant.7 Full power For Extremity Standalone		Ant.8 Full power For Extremity Standalone		Ant.7+8 Full power For Extremity Standalone		Ant.7 For Head Standalone		Ant.8 For Head Standalone		Ant.7+8 For Head Standalone		Ant.7 For Head Simultaneous		Ant.8 For Head Simultaneous		Ant.7+8 For Head Simultaneous		Ant.7 For Body-worn Standalone		Ant.8 For Body-worn Standalone		Ant.7+8 For Body-worn Standalone		Ant.7 For Body-worn Simultaneous		Ant.8 For Body-worn Simultaneous		Ant.7+8 For Body-worn Simultaneous		Ant.7 For Hotspot		Ant.8 For Hotspot		Ant.7+8 For 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	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	16.59	18	16.36	18	19.49	21		18		18		21		12.5		12.5		15.5		16		16		19		10.5		10.5		13.5		17		17		20	
		40	5200	17.02	18.5	16.81	18.5	19.93	21.5		18		18		21		12.5		12.5		15.5		16		16		19		10.5		10.5		13.5		17		17		20	96.97
		44	5220	16.99	18.5	16.76	18.5	19.89	21.5		18		18		21		12.5		12.5		15.5		16		16		19		10.5		10.5		13.5		17		17		20	
		48	5240	16.95	18.5	16.84	18.5	19.91	21.5	Not Required	18	Not Required	18	Not Required	21		12.5		12.5		15.5	Not Required	16	Not Required	16	Not Required	19	Not Required	10.5	Not Required	10.5	Not Required	13.5	Not Required	17	Not Required	17	Not Required	20	
	802.11n HT20 MCS0	36	5180	15.32	18	16.23	18	19.29	21		18		18		21		12.5		12.5		15.5		16		16		19		10.5		10.5		13.5		17		17		20	
		40	5200	17.25	19	17.01	19	20.15	22		18		18		21		12.5		12.5		15.5		16		16		19		10.5		10.5		13.5		17		17		20	93.93
		44	5220	17.17	19	17.06	19	20.12	22		18		18		21		12.5		12.5		15.5		16		16		19		10.5		10.5		13.5		17		17		20	
		48	5240	17.05	19	16.89	18.5	19.98	21.5	Not Required	18	Not Required	18	Not Required	21	Not Required	12.5	Not Required	12.5	Not Required	15.5	Not Required	16	Not Required	16	Not Required	19	Not Required	10.5	Not Required	10.5	Not Required	13.5	Not Required	17	Not Required	17	Not Required	20	
	802.11n HT40 MCS0	38	5190	14.95	16.5	14.89	16.5	17.93	19.5	14.95	16.5	14.89	16.5	17.93	19.5		12.5		12.5		15.5	14.23	16	14.19	16	17.22	19		10.5		10.5		13.5	14.95	16.5	14.89	16.5	17.93	19.5	88.81	
		46	5230	16.8	18.5	16.72	18.5	19.77	21.5	16.28	18	16.21	18	19.26	21		12.5		12.5		15.5	14.35	16	14.26	16	17.32	19		10.5		10.5		13.5	15.35	17	15.27	17	18.32	20		
	802.11ac VHT20 MCS0	36	5180	16.38	18	16.36	18	19.38	21		18		18		21		12.5		12.5		15.5		16		16		19		10.5		10.5		13.5		17		17		20	
		40	5200	17.29	19	17.05	19	20.18	22		18		18		21		12.5		12.5		15.5		16		16		19		10.5		10.5		13.5		17		17		20	94
		44	5220	17.2	19	17.11	19	20.17	22		18		18		21		12.5		12.5		15.5		16		16		19		10.5		10.5		13.5		17		17		20	
		48	5240	17.1	19	16.98	18.5	20.05	22		18		18		21		12.5		12.5		15.5		16		16		19		10.5		10.5		13.5		17		17		20	
	802.11ac VHT40 MCS0	38	5190	15	16.5	14.95	16.5	17.99	19.5		16.5		16.5		19.5		12.5		12.5		15.5		16		16		19		10.5		10.5		13.5		16.5		16.5		19.5	89.71
		46	5230	16.86	18.5	16.75	18.5	19.82	21.5		18		18		21		12.5		12.5		15.5		16		16		19		10.5		10.5		13.5		17		17		20	
	802.11ac VHT80 MCS0	42	5210	10.99	12.5	10.71	12.5	13.86	15.5		12.5	Not Required	12.5	Not Required	15.5	10.99	12.5	10.71	12.5	13.86	15.5		12.5	Not Required	12.5	8.94	10.5	8.80	10.5	11.88	13.5		12.5	Not Required	12.5	Not Required	12.5	Not Required	15.5	93.35	
	802.11ax HE20 MCS0	36	5180	16.48	18	16.35	18	19.43	21		18		18		21		12.5		12.5		15.5		16		16		19		10.5		10.5		13.5		17		17		20	
		40	5200	17.41	19	17.21	19	20.34	22		18		18		21		12.5		12.5		15.5		16		16		19		10.5		10.5		13.5		17		17		20	92.54
		44	5220	17.32	19	17.23	19	20.29	22		18		18		21		12.5		12.5		15.5		16		16		19		10.5		10.5		13.5		17		17		20	
		48	5240	17.21	19	17.09	19	20.16	22		18		18		21	Not Required	12.5	Not Required	12.5	Not Required	15.5		16		16		19	Not Required	10.5	Not Required	10.5	Not Required	13.5	Not Required	17	Not Required	17	Not Required	20	
	802.11ax HE40 MCS0	38	5190	15.12	16.5	15.06	16.5	18.11	19.5		16.5		16.5		19.5		12.5		12.5		15.5		16		16		19		10.5		10.5		13.5		16.5		16.5		19.5	87.39
		46	5230	17.01	18.5	16.87	18.5	19.95	21.5		18		18		21		12.5		12.5		15.5		16		16		19		10.5		10.5		13.5		17		17		20	
	802.11ax HE80 MCS0	42	5210	11.19	13	10.86	12.5	14.03	15.5		13		12.5		15.5		12.5		12.5		15.5		13		12.5		15.5		10.5		10.5		13.5		13		12.5		15.5	92.21

				Ant.7 Full power For Extremity Standalone		Ant.8 Full power For Extremity Standalone		Ant.7+8 Full power For Extremity Standalone		Ant.7 For Head Standalone		Ant.8 For Head Standalone		Ant.7+8 For Head Standalone		Ant.7 For Head Simultaneous		Ant.8 For Head Simultaneous		Ant.7+8 For Head Simultaneous		Ant.7 For Body-worn Standalone		Ant.8 For Body-worn Standalone		Ant.7+8 For Body-worn Standalone		Ant.7 For Body-worn Simultaneous		Ant.8 For Body-worn Simultaneous		Ant.7+8 For Body-worn Simultaneous		Ant.7 For Hotspot		Ant.8 For Hotspot		Ant.7+8 For 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	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	16.72	18.5	16.62	18.5	19.78	21.5		18		18.5		21.5		13		13		16		16		16.5		19.5		11		11		14		17		17.5		20.5	
		56	5280	16.78	18.5	16.66	18.5	19.83	21.5		18		18.5		21.5		13		13		16		16		16.5		19.5		11		11		14		17		17.5		20.5	
		60	5300	16.11	18	16.16	18	19.15	21		18		18		21		13		13		16		16		16.5		19.5		11		11		14		17		17.5		20.5	96.97
		64	5320	16.59	18.5	16.66	18.5	19.64	21.5	Not Required	18	Not Required	18.5	Not Required	21.5		13		13	Not Required	16	Not Required	16	Not Required	16.5	Not Required	19.5	Not Required	11	Not Required	11	Not Required	14	Not Required	17	Not Required	17.5	Not Required	20.5	
	802.11n HT20 MCS0	52	5260	17.01	18.5	17.13	19	20.08	22		18		18.5		21.5		13		13		16		16		16.5		19.5		11		11		14		17		17.5		20.5	
		56	5280	16.96	18.5	17	19	20.04	22		18		18.5		21.5		13		13		16		16		16.5		19.5		11		11		14		17		17.5		20.5	93.93
		60	5300	16.31	18	16.58	18.5	19.45	21		18		18.5		21		13		13		16		16		16.5		19.5		11		11		14		17		17.5		20.5	
		64	5320	16.52	18	16.63	18.5	19.59	21.5		18		18.5		21.5	Not Required	13	Not Required	13	Not Required	16	Not Required	16	Not Required	16.5	Not Required	19.5	Not Required	11	Not Required	11	Not Required	14	Not Required	17	Not Required	17.5	Not Required	20.5	
	802.11n HT40 MCS0	54	5270	17.05	18.5	17.29	19	20.18	22	16.51	18	16.74	18.5	19.64	21.5		13		13		16	14.46	16	14.75	16.5	17.62	19.5		11		11		14	15.53	17	15.80	17.5	18.68	20.5	88.81	
		62	5310	15.93	16.5	15.15	16.5	18.1	19.5	15.93	16.5	15.15	16.5	18.1	19.5		13		13		16	14.41	16	14.69	16.5	17.8	19.5		11		11		14	15.93	16.5	15.15	16.5	18.1	19.5		
	802.11ac VHT80 MCS0	52	5260	17.03	18.5	17.19	19	20.12	22		18		18.5		21.5		13		13		16		16		16.5		19.5		11		11		14		17		17.5		20.5	
		58	5290	17.14	19	17.14	19	20.09	22		18		18.5		21.5		13		13		16		16		16.5		19.5		11		11		14		17		17.5		20.5	94
		60	5300	16.38	18	16.58	18.5	19.5	21.5		18		18.5		21.5		13		13		16		16		16.5		19.5		11		11		14		17		17.5		20.5	
		64	5320	16.55	18	16.66	18.5	19.63	21.5		18		18.5		21.5		13		13		16		16		16.5		19.5		11		11		14		17		17.5		20.5	
	802.11ac VHT40 MCS0	54	5270	17.09	18.5	17.33	19	20.22	22		18		18.5		21.5		13		13		16		16		16.5		19.5		11		11		14		17		17.5		20.5	89.71
		62	5310	15.1	16.5	15.22	16.5	18.17	19.5		16.5		16.5		19.5		13		13		16		16		16.5		19.5		11		11		14		16.5		16.5		19.5	
	802.11ac VHT80 MCS0	58	5290	13.47	15	13.49	15	16.49	18		15		15		18	11.52	13	11.76	13	14.65	16		15		15	9.02	11	9.73	11		11	12.63	14		15		15		18	93.35	
	802.11ax HE20 MCS0	52	5260	17.16	19	17.32	19	20.25	22		18	Not Required	18.5	Not Required	21.5		13		13		16		16	Not Required	16.5		19.5		11		11		14		17	Not Required	17.5		20.5	
		56	5280	17.11	19	17.23	19	20.18	22		18		18.5		21.5		13		13		16		16		16.5		19.5		11		11		14		17		17.5		20.5	92.54
		60	5300	16.53	18	16.74	18.5	19.65	21.5		18		18.5		21.5		13		13		16		16		16.5		19.5		11		11		14		17		17.5		20.5	
		64	5320	16.64	18.5	16.77	18.5	19.72	21.5		18		18.5		21.5	Not Required	13	Not Required	13	Not Required	16		16		16.5		19.5	Not Required	11	Not Required	11	Not Required	14	Not Required	17	Not Required	17.5	Not Required	20.5	
	802.11ax HE40 MCS0	54	5270	17.3	19	17.47	19	20.39	22		18		18.5		21.5		13		13		16		16		16.5		19.5		11		11		14		17		17.5		20.5	87.39
		62	5310	15.25	17	15.32	17	18.29	20		17		17		20		13		13		16		16		16.5		19.5		11		11		14		17		17		20	
	802.11ax HE80 MCS0	58	5290	13.65	15.5	13.86	15.5	16.76	18.5		15.5		15.5		18.5		13		13		16	15.5		15.5		18.5		11		11		14		15.5		15.5		18.5	92.21

				Ant.7 Full power For Head Standalone For Extremity Standalone For Extremity Simultaneous		Ant.8 Full power For Head Standalone For Body-worn Standalone For Extremity Standalone For Extremity Simultaneous		Ant.7+8 Full power For Head Standalone For Body-worn Standalone For Extremity Standalone For Extremity Simultaneous		Ant.7 For Head Simultaneous		Ant.8 For Head Simultaneous		Ant.7+8 For Head Simultaneous		Ant.7 For Body-worn Simultaneous		Ant.8 For Body-worn Simultaneous		Ant.7+8 For 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	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	17.15	19	16.78	18.5	19.96	21.5		13.5		13		16.5		15		14.5		18	
		116	5580	17.06	19	16.19	18	19.66	21.5		13.5		13		16.5		15		14.5		18	
		132	5660	16.98	18.5	15.76	17.5	19.43	21		13.5		13		16.5		15		14.5		18	96.97
		140	5700	17.08	19	15.75	17.5	19.48	21		13.5		13		16.5		15		14.5		18	
	802.11n HT20 MCS0	100	5500	17.05	19	16.77	18.5	19.93	21.5		13.5		13		16.5		15		14.5		18	
		116	5580	16.88	18.5	15.97	17.5	19.46	21		13.5		13		16.5		15		14.5		18	93.93
		132	5660	16.81	18.5	15.65	17.5	19.28	21		13.5		13		16.5		15		14.5		18	

2.4GHz WLAN				Ant 5 Simultaneous For WLAN 2.4G Ant 5+BT		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	11.32	13.00	99.48
		6	2437	11.47	13.00	
		11	2462	11.61	13.00	
	802.11g 6Mbps	1	2412	10.74	12.00	96.97
		6	2437	10.21	12.00	
		10	2457	10.79	12.00	
		11	2462	10.78	12.00	
	802.11n-HT20 MCS0	1	2412	10.11	11.50	96.78
		6	2437	10.50	12.00	
		9	2452	10.79	12.00	
		10	2457	10.88	12.50	
		11	2462	10.61	12.00	
	802.11n-HT40 MCS0	3	2422	10.07	11.50	93.68
		6	2437	10.21	11.50	
		7	2442	10.02	11.50	
		8	2447	10.46	12.00	
		9	2452	10.06	11.50	
	802.11ac-VHT20 MCS0	1	2412	9.95	11.50	94
		6	2437	10.73	12.00	
		9	2452	10.27	12.00	
		10	2457	11.16	12.50	
		11	2462	10.57	12.00	
	802.11ac-VHT40 MCS0	3	2422	9.67	11.50	89.05
		6	2437	9.74	11.50	
		7	2442	9.65	11.50	
		8	2447	10.16	12.00	
		9	2452	9.69	11.50	
	802.11ax-HE20 MCS0	1	2412	10.15	11.50	95.89
		6	2437	10.07	11.50	
		9	2452	10.19	11.50	
		10	2457	10.26	11.50	
		11	2462	10.05	11.50	
	802.11ax-HE40 MCS0	3	2422	9.74	11.50	92.46
		6	2437	9.84	11.50	
		7	2442	10.49	12.00	
		8	2447	10.51	12.00	
		9	2452	10.11	11.50	

BR / EDR

Mode	Channel	Frequency (MHz)	Average power (dBm) Simultaneous For WLAN 2.4G Ant 5+BT		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	5.77	2.99	2.96
	CH 39	2441	6.19	3.39	3.39
	CH 78	2480	5.89	2.79	2.90
Tune-up Limit			7.50	4.50	4.50

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	6.09
	CH 19	2440	6.68
	CH 39	2480	6.25
Tune-up Limit			7.00

BLE_2M

Mode	Channel	Frequency (MHz)	Average power (dBm) Simultaneous For WLAN 2.4G Ant 5+BT
LE	CH 00	2402	6.03
	CH 19	2440	6.62
	CH 39	2480	6.17
Tune-up Limit			7.00

BR / EDR

Mode	Channel	Frequency (MHz)	Average power (dBm) For Full Power&Head&Body worn&Extremity Standalone			Average power (dBm) For Hotspot For Head Simultaneous			Average power (dBm) For Body-worn Simultaneous		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	15.91	13.01	13.10	10.35	7.52	7.61	12.91	9.74	9.47
	CH 39	2441	16.93	13.84	13.91	10.78	7.84	7.97	13.40	10.64	10.77
	CH 78	2480	16.38	13.31	13.46	10.38	7.78	7.74	12.68	9.84	9.82
Tune-up Limit			17.50	14.50	14.50	12.00	9.00	9.00	14.50	11.50	11.00

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	6.09
	CH 19	2440	6.68
	CH 39	2480	6.25
Tune-up Limit			7.00

BLE_2M

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	6.03
	CH 19	2440	6.62
	CH 39	2480	6.17
Tune-up Limit			7.00