Full & Default Power Mode

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.51	32.65	32.63	**33.30**	23.51	23.65	23.63	**24.30**
GPRS 1 Tx slot	32.49	32.64	32.62	**33.30**	23.49	23.64	23.62	**24.30**
GPRS 2 Tx slots	30.04	30.18	30.17	**30.30**	24.04	24.18	24.17	**24.30**
GPRS 3 Tx slots	28.05	28.17	28.18	**28.30**	23.79	23.91	23.92	**24.04**
GPRS 4 Tx slots	27.03	27.12	27.09	**27.30**	24.03	24.12	24.09	**24.30**
EDGE(GMSK 1 Tx slot)	32.40	32.58	32.59	**33.30**	23.40	23.58	23.59	**24.30**
EDGE(GMSK 2 Tx slot)	29.92	30.17	30.12	**30.30**	23.92	24.17	24.12	**24.30**
EDGE(GMSK 3 Tx slot)	27.96	28.07	28.06	**28.30**	23.70	23.81	23.80	**24.04**
EDGE(GMSK 4 Tx slot)	26.98	27.11	26.98	**27.30**	23.98	24.11	23.98	**24.30**
EDGE 1 Tx slot	26.05	26.41	26.60	**27.80**	17.05	17.41	17.60	**18.80**
EDGE 2 Tx slots	23.87	23.94	24.08	**25.80**	17.87	17.94	18.08	**19.80**
EDGE 3 Tx slots	22.01	22.23	22.31	**23.30**	17.75	17.97	18.05	**19.04**
EDGE 4 Tx slots	21.26	21.54	21.63	**22.80**	18.26	18.54	18.63	**19.80**

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	31.18	31.18	31.20	**32.30**	22.18	22.18	22.20	**23.30**
GPRS 1 Tx slot	31.17	31.17	31.19	**32.30**	22.17	22.17	22.19	**23.30**
GPRS 2 Tx slots	28.84	28.85	28.68	**29.30**	22.84	22.85	22.68	**23.30**
GPRS 3 Tx slots	26.73	26.78	26.67	**27.30**	22.47	22.52	22.41	**23.04**
GPRS 4 Tx slots	25.75	25.76	25.58	**26.30**	22.75	22.76	22.58	**23.30**
EDGE(GMSK 1 Tx slot)	31.08	31.15	31.09	**32.30**	22.08	22.15	22.09	**23.30**
EDGE(GMSK 2 Tx slot)	28.68	28.69	28.60	**29.30**	22.68	22.69	22.60	**23.30**
EDGE(GMSK 3 Tx slot)	26.71	26.68	26.59	**27.30**	22.45	22.42	22.33	**23.04**
EDGE(GMSK 4 Tx slot)	25.69	25.62	25.49	**26.30**	22.69	22.62	22.49	**23.30**
EDGE 1 Tx slot	24.98	25.01	25.10	**26.80**	15.98	16.01	16.10	**17.80**
EDGE 2 Tx slots	22.80	22.80	22.95	**24.80**	16.80	16.80	16.95	**18.80**
EDGE 3 Tx slots	20.97	20.89	20.94	**22.30**	16.71	16.63	16.68	**18.04**
EDGE 4 Tx slots	20.14	20.20	20.23	**21.80**	17.14	17.20	17.23	**18.80**

GSM1900_Ant 4	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	29.51	29.78	29.88	**30.30**	20.51	20.78	20.88	**21.30**
GPRS 1 Tx slot	29.51	29.77	29.87	**30.30**	20.51	20.77	20.87	**21.30**
GPRS 2 Tx slots	27.04	27.39	27.38	**28.30**	21.04	21.39	21.38	**22.30**
GPRS 3 Tx slots	25.27	25.51	25.59	**26.30**	21.01	21.25	21.33	**22.04**
GPRS 4 Tx slots	23.98	24.11	24.14	**24.80**	20.98	21.11	21.14	**21.80**
EDGE(GMSK 1 Tx slot)	29.49	29.70	29.82	**30.30**	20.49	20.70	20.82	**21.30**
EDGE(GMSK 2 Tx slot)	26.93	27.24	27.24	**28.30**	20.93	21.24	21.24	**22.30**
EDGE(GMSK 3 Tx slot)	25.24	25.46	25.55	**26.30**	20.98	21.20	21.29	**22.04**
EDGE(GMSK 4 Tx slot)	23.96	24.11	24.13	**24.80**	20.96	21.11	21.13	**21.80**
EDGE 1 Tx slot	25.61	25.75	25.71	**26.80**	16.61	16.75	16.71	**17.80**
EDGE 2 Tx slots	22.45	22.56	22.47	**23.80**	16.45	16.56	16.47	**17.80**
EDGE 3 Tx slots	20.95	20.97	20.85	**22.30**	16.69	16.71	16.59	**18.04**
EDGE 4 Tx slots	20.06	20.10	19.99	**21.80**	17.06	17.10	16.99	**18.80**

GSM1900_Ant 3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.47	29.78	29.68	**30.80**	20.47	20.78	20.68	**21.80**
GPRS 1 Tx slot	29.46	29.73	29.67	**30.80**	20.46	20.73	20.67	**21.80**
GPRS 2 Tx slots	27.11	27.35	27.29	**28.80**	21.11	21.35	21.29	**22.80**
GPRS 3 Tx slots	25.34	25.56	25.52	**26.80**	21.08	21.30	21.26	**22.54**
GPRS 4 Tx slots	24.01	24.26	24.18	**25.30**	21.01	21.26	21.18	**22.30**
EDGE(GMSK 1 Tx slot)	29.44	29.58	29.59	**30.80**	20.44	20.58	20.59	**21.80**
EDGE(GMSK 2 Tx slot)	27.04	27.28	27.18	**28.80**	21.04	21.28	21.18	**22.80**
EDGE(GMSK 3 Tx slot)	25.23	25.54	25.48	**26.80**	20.97	21.28	21.22	**22.54**
EDGE(GMSK 4 Tx slot)	23.88	24.12	24.10	**25.30**	20.88	21.12	21.10	**22.30**
EDGE 1 Tx slot	25.60	25.82	25.65	**27.30**	16.60	16.82	16.65	**18.30**
EDGE 2 Tx slots	22.80	22.91	22.80	**24.80**	16.80	16.91	16.80	**18.80**
EDGE 3 Tx slots	20.96	21.22	20.97	**22.80**	16.70	16.96	16.71	**18.54**
EDGE 4 Tx slots	20.35	20.39	20.30	**22.30**	17.35	17.39	17.30	**19.30**

Band		WCDMA II_Ant 4			Tune-up Limit (dBm)	WCDMA II_Ant 3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.77	23.77	23.68	**24.80**	24.56	24.56	24.53	**24.80**
3GPP Rel 99	RMC 12.2Kbps	23.87	23.89	23.82	**24.80**	24.63	24.65	24.60	**24.80**
3GPP Rel 6	HSDPA Subtest-1	22.87	22.91	22.87	**24.80**	23.07	23.15	23.08	**24.80**
3GPP Rel 6	HSDPA Subtest-2	22.87	22.96	22.86	**24.80**	23.08	23.12	23.10	**24.80**
3GPP Rel 6	HSDPA Subtest-3	22.42	22.47	22.45	**24.30**	22.60	22.68	22.66	**24.30**
3GPP Rel 6	HSDPA Subtest-4	22.38	22.47	22.40	**24.30**	22.55	22.65	22.65	**24.30**
3GPP Rel 8	DC-HSDPA Subtest-1	22.88	22.82	22.81	**24.80**	23.05	23.04	23.00	**24.80**
3GPP Rel 8	DC-HSDPA Subtest-2	22.84	22.94	22.83	**24.80**	23.02	22.99	22.95	**24.80**
3GPP Rel 8	DC-HSDPA Subtest-3	22.38	22.39	22.32	**24.30**	22.46	22.53	22.52	**24.30**
3GPP Rel 8	DC-HSDPA Subtest-4	22.33	22.44	22.35	**24.30**	22.48	22.55	22.52	**24.30**
3GPP Rel 6	HSUPA Subtest-1	20.92	20.87	20.81	**21.80**	21.09	21.11	21.05	**21.80**
3GPP Rel 6	HSUPA Subtest-2	20.94	20.93	20.87	**21.80**	21.07	21.12	21.02	**21.80**
3GPP Rel 6	HSUPA Subtest-3	21.91	21.90	21.86	**22.80**	22.10	22.09	22.06	**22.80**
3GPP Rel 6	HSUPA Subtest-4	20.44	20.45	20.42	**21.80**	20.62	20.65	20.63	**21.80**
3GPP Rel 6	HSUPA Subtest-5	21.90	21.90	21.90	**22.80**	22.10	22.10	22.10	**22.80**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.89	20.87	20.80	**22.80**	21.00	21.07	20.95	**22.80**

Band		WCDMA IV_Ant 4			Tune-up Limit (dBm)	WCDMA IV_Ant 3			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.11	24.07	24.16	**24.80**	24.62	24.71	24.63	**24.80**
3GPP Rel 99	RMC 12.2Kbps	24.25	24.26	24.18	**24.80**	24.66	24.74	24.73	**24.80**
3GPP Rel 6	HSDPA Subtest-1	23.26	23.24	23.15	**23.80**	23.49	23.48	23.46	**23.80**
3GPP Rel 6	HSDPA Subtest-2	23.28	23.28	23.19	**23.80**	23.43	23.50	23.44	**23.80**
3GPP Rel 6	HSDPA Subtest-3	22.85	22.81	22.66	**23.30**	23.00	23.04	23.03	**23.30**
3GPP Rel 6	HSDPA Subtest-4	22.78	22.78	22.74	**23.30**	22.93	23.02	22.97	**23.30**
3GPP Rel 8	DC-HSDPA Subtest-1	23.27	23.27	23.34	**23.80**	23.35	23.36	23.37	**23.80**
3GPP Rel 8	DC-HSDPA Subtest-2	23.30	23.29	23.27	**23.80**	23.33	23.42	23.29	**23.80**
3GPP Rel 8	DC-HSDPA Subtest-3	22.79	22.85	22.86	**23.30**	22.90	22.97	22.94	**23.30**
3GPP Rel 8	DC-HSDPA Subtest-4	22.73	22.79	22.74	**23.30**	22.84	22.99	22.88	**23.30**
3GPP Rel 6	HSUPA Subtest-1	21.34	21.35	21.33	**21.80**	21.34	21.46	21.38	**21.80**
3GPP Rel 6	HSUPA Subtest-2	21.35	21.36	21.35	**21.80**	21.42	21.50	21.41	**21.80**
3GPP Rel 6	HSUPA Subtest-3	22.37	22.38	22.35	**22.80**	22.48	22.49	22.43	**22.80**
3GPP Rel 6	HSUPA Subtest-4	20.89	20.89	20.84	**21.80**	20.90	20.94	20.93	**21.80**
3GPP Rel 6	HSUPA Subtest-5	22.40	22.40	22.30	**22.80**	22.35	22.40	22.40	**22.80**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.32	21.32	21.21	**22.80**	21.34	21.49	21.28	**22.80**

Band		WCDMA V_Ant 1			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.49	23.57	23.65	**24.80**	22.67	22.74	22.67	**23.80**
3GPP Rel 99	RMC 12.2Kbps	23.64	23.70	23.67	**24.80**	22.76	22.79	22.74	**23.80**
3GPP Rel 6	HSDPA Subtest-1	22.94	23.02	23.01	**23.80**	22.04	22.09	22.08	**22.80**
3GPP Rel 6	HSDPA Subtest-2	22.90	22.99	23.05	**23.80**	21.99	22.07	22.09	**22.80**
3GPP Rel 6	HSDPA Subtest-3	22.42	22.55	22.55	**23.30**	21.54	21.60	21.61	**22.30**
3GPP Rel 6	HSDPA Subtest-4	22.41	22.52	22.54	**23.30**	21.50	21.57	21.59	**22.30**
3GPP Rel 8	DC-HSDPA Subtest-1	22.84	22.99	22.91	**23.80**	21.90	22.00	22.05	**22.80**
3GPP Rel 8	DC-HSDPA Subtest-2	22.78	22.89	22.99	**23.80**	21.89	22.01	21.96	**22.80**
3GPP Rel 8	DC-HSDPA Subtest-3	22.27	22.44	22.50	**23.30**	21.53	21.48	21.50	**22.30**
3GPP Rel 8	DC-HSDPA Subtest-4	22.40	22.40	22.46	**23.30**	21.37	21.45	21.44	**22.30**
3GPP Rel 6	HSUPA Subtest-1	20.97	20.98	20.98	**21.80**	20.05	20.08	20.03	**20.80**
3GPP Rel 6	HSUPA Subtest-2	21.01	21.01	21.02	**21.80**	20.04	20.06	20.06	**20.80**
3GPP Rel 6	HSUPA Subtest-3	22.03	22.02	22.00	**22.80**	21.06	21.09	21.07	**21.80**
3GPP Rel 6	HSUPA Subtest-4	20.52	20.55	20.49	**21.80**	19.61	19.63	19.57	**20.80**
3GPP Rel 6	HSUPA Subtest-5	22.40	22.00	22.00	**22.80**	21.50	21.10	21.10	**21.80**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.89	20.98	20.90	**22.80**	20.02	19.91	19.95	**21.80**

Band 2_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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.11	23.12	23.04		
20	QPSK	1	49	22.98	23.02	22.99	23.8	0
20	QPSK	1	99	22.85	22.90	22.88		
20	QPSK	50	0	22.22	22.24	22.10		
20	QPSK	50	24	22.10	22.15	22.02	22.8	1
20	QPSK	50	50	21.97	22.11	22.01		
20	QPSK	100	0	22.09	22.14	22.03		
20	16QAM	1	0	22.40	22.41	22.35		
20	16QAM	1	49	22.36	22.42	22.28	22.8	1
20	16QAM	1	99	22.31	22.37	22.31		
20	16QAM	50	0	21.05	21.12	21.01		
20	16QAM	50	24	21.02	21.11	21.10	21.8	2
20	16QAM	50	50	21.00	21.11	20.98		
20	16QAM	100	0	20.98	21.12	21.05		
20	64QAM	1	0	21.31	21.34	21.33		
20	64QAM	1	49	21.28	21.32	21.19	21.8	2
20	64QAM	1	99	21.15	21.26	21.25		
20	64QAM	50	0	20.04	20.13	20.07		
20	64QAM	50	24	19.96	20.11	20.03	20.8	3
20	64QAM	50	50	19.94	20.09	19.98		
20	64QAM	100	0	20.09	20.11	20.04		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.05	23.08	23.00		
15	QPSK	1	37	22.93	22.88	22.86	23.8	0
15	QPSK	1	74	22.73	22.87	22.82		
15	QPSK	36	0	22.07	22.23	22.09		
15	QPSK	36	20	21.95	22.01	21.98	22.8	1
15	QPSK	36	39	21.84	22.03	21.95		
15	QPSK	75	0	22.00	22.09	22.02		
15	16QAM	1	0	22.34	22.32	22.20		
15	16QAM	1	37	22.26	22.28	22.26	22.8	1
15	16QAM	1	74	22.23	22.29	22.17		
15	16QAM	36	0	20.99	21.10	20.98		
15	16QAM	36	20	20.96	21.07	20.98	21.8	2
15	16QAM	36	39	20.91	20.99	20.95		
15	16QAM	75	0	20.96	20.98	20.96		
15	64QAM	1	0	21.22	21.21	21.19		
15	64QAM	1	37	21.14	21.28	21.17	21.8	2
15	64QAM	1	74	21.01	21.20	21.19		
15	64QAM	36	0	20.00	19.99	19.93		
15	64QAM	36	20	19.90	20.02	19.97	20.8	3
15	64QAM	36	39	19.85	19.94	19.89		
15	64QAM	75	0	19.96	20.08	19.98		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.10	23.02	22.95		
10	QPSK	1	25	22.84	22.98	22.90	23.8	0
10	QPSK	1	49	22.82	22.81	22.85		
10	QPSK	25	0	22.15	22.19	22.04		
10	QPSK	25	12	22.02	22.05	21.94	22.8	1
10	QPSK	25	25	21.89	22.07	21.86		
10	QPSK	50	0	22.08	22.05	21.95		
10	16QAM	1	0	22.36	22.26	22.32		
10	16QAM	1	25	22.30	22.36	22.19	22.8	1
10	16QAM	1	49	22.27	22.36	22.30		
10	16QAM	25	0	20.94	21.03	20.99		
10	16QAM	25	12	20.87	21.05	21.04	21.8	2
10	16QAM	25	25	20.93	21.09	20.93		
10	16QAM	50	0	20.96	20.98	20.97		
10	64QAM	1	0	21.26	21.33	21.24		
10	64QAM	1	25	21.19	21.29	21.14	21.8	2
10	64QAM	1	49	21.05	21.11	21.14		
10	64QAM	25	0	19.94	20.03	19.94		
10	64QAM	25	12	19.83	20.03	19.97	20.8	3
10	64QAM	25	25	19.79	19.95	19.86		
10	64QAM	50	0	20.05	20.09	19.93		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.00	23.10	22.98		
5	QPSK	1	12	22.94	22.91	22.93	23.8	0
5	QPSK	1	24	22.80	22.76	22.80		
5	QPSK	12	0	22.08	22.10	21.99		
5	QPSK	12	7	22.05	22.01	21.99	22.8	1
5	QPSK	12	13	21.89	22.01	21.90		
5	QPSK	25	0	22.04	21.99	21.96		
5	16QAM	1	0	22.25	22.33	22.27		
5	16QAM	1	12	22.27	22.35	22.16	22.8	1
5	16QAM	1	24	22.29	22.31	22.21		
5	16QAM	12	0	20.91	20.97	20.94		
5	16QAM	12	7	21.01	21.06	21.05	21.8	2
5	16QAM	12	13	20.89	20.96	20.96		
5	16QAM	25	0	20.93	21.08	20.96		
5	64QAM	1	0	21.20	21.27	21.22		
5	64QAM	1	12	21.20	21.17	21.05	21.8	2
5	64QAM	1	24	21.01	21.19	21.17		
5	64QAM	12	0	20.00	20.03	20.06		
5	64QAM	12	7	19.92	20.06	19.91	20.8	3
5	64QAM	12	13	19.83	19.97	19.97		
5	64QAM	25	0	20.01	20.09	19.99		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.06	23.05	23.03		
3	QPSK	1	8	22.84	22.95	22.98	23.8	0
3	QPSK	1	14	22.73	22.84	22.74		
3	QPSK	8	0	22.10	22.11	22.03		
3	QPSK	8	4	22.05	22.13	22.01	22.8	1
3	QPSK	8	7	21.96	22.08	21.90		
3	QPSK	15	0	21.94	22.05	21.90		
3	16QAM	1	0	22.39	22.38	22.32		
3	16QAM	1	8	22.34	22.28	22.13	22.8	1
3	16QAM	1	14	22.17	22.34	22.20		
3	16QAM	8	0	20.96	21.07	20.87		
3	16QAM	8	4	21.00	21.00	20.95	21.8	2
3	16QAM	8	7	20.90	20.97	20.88		
3	16QAM	15	0	20.88	21.11	20.91		
3	64QAM	1	0	21.17	21.21	21.20		
3	64QAM	1	8	21.15	21.19	21.15	21.8	2
3	64QAM	1	14	21.12	21.23	21.22		
3	64QAM	8	0	19.96	20.03	19.99		
3	64QAM	8	4	19.91	20.02	19.98	20.8	3
3	64QAM	8	7	19.91	20.07	19.97		
3	64QAM	15	0	19.99	20.07	20.01		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.02	23.00	23.00		
1.4	QPSK	1	3	22.84	23.00	22.86		
1.4	QPSK	1	5	22.80	22.75	22.86	23.8	0
1.4	QPSK	3	0	22.97	22.89	22.96		
1.4	QPSK	3	1	22.81	22.98	22.76		
1.4	QPSK	3	3	22.69	22.62	22.72		
1.4	QPSK	6	0	21.95	21.99	22.02	22.8	1
1.4	16QAM	1	0	22.36	22.40	22.31		
1.4	16QAM	1	3	22.34	22.37	22.27		
1.4	16QAM	1	5	22.21	22.30	22.16	22.8	1
1.4	16QAM	3	0	22.28	22.31	22.28		
1.4	16QAM	3	1	22.22	22.26	22.23		
1.4	16QAM	3	3	22.19	22.26	22.15		
1.4	16QAM	6	0	20.96	21.06	20.99	21.8	2
1.4	64QAM	1	0	21.24	21.28	21.24		
1.4	64QAM	1	3	21.22	21.23	21.18		
1.4	64QAM	1	5	21.06	21.13	21.16	21.8	2
1.4	64QAM	3	0	21.14	21.21	21.19		
1.4	64QAM	3	1	21.14	21.17	21.10		
1.4	64QAM	3	3	20.93	21.10	21.05		
1.4	64QAM	6	0	19.94	19.99	20.03	20.8	3

Band 2_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.38	23.46	23.39		
20	QPSK	1	49	23.34	23.40	23.29	23.8	0
20	QPSK	1	99	23.19	23.28	23.23		
20	QPSK	50	0	22.37	22.43	22.41		
20	QPSK	50	24	22.30	22.36	22.37	22.8	1
20	QPSK	50	50	22.33	22.41	22.40		
20	QPSK	100	0	22.26	22.35	22.30		
20	16QAM	1	0	22.50	22.48	22.54		
20	16QAM	1	49	22.50	22.47	22.54	22.8	1
20	16QAM	1	99	22.43	22.41	22.42		
20	16QAM	50	0	21.19	21.29	21.26		
20	16QAM	50	24	21.28	21.29	21.24	21.8	2
20	16QAM	50	50	21.16	21.28	21.27		
20	16QAM	100	0	21.21	21.28	21.25		
20	64QAM	1	0	21.26	21.40	21.27		
20	64QAM	1	49	21.49	21.50	21.42	21.8	2
20	64QAM	1	99	21.26	21.35	21.34		
20	64QAM	50	0	20.27	20.29	20.27		
20	64QAM	50	24	20.13	20.28	20.14	20.8	3
20	64QAM	50	50	20.19	20.26	20.23		
20	64QAM	100	0	20.16	20.29	20.16		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.36	23.42	23.32		
15	QPSK	1	37	23.24	23.34	23.26	23.8	0
15	QPSK	1	74	23.13	23.15	23.15		
15	QPSK	36	0	22.28	22.32	22.38		
15	QPSK	36	20	22.19	22.25	22.29	22.8	1
15	QPSK	36	39	22.22	22.39	22.36		
15	QPSK	75	0	22.23	22.29	22.21		
15	16QAM	1	0	22.47	22.43	22.43		
15	16QAM	1	37	22.49	22.32	22.51	22.8	1
15	16QAM	1	74	22.42	22.28	22.37		
15	16QAM	36	0	21.05	21.14	21.24		
15	16QAM	36	20	21.14	21.27	21.16	21.8	2
15	16QAM	36	39	21.08	21.25	21.12		
15	16QAM	75	0	21.09	21.25	21.15		
15	64QAM	1	0	21.18	21.27	21.21		
15	64QAM	1	37	21.40	21.40	21.28	21.8	2
15	64QAM	1	74	21.15	21.29	21.32		
15	64QAM	36	0	20.16	20.23	20.24		
15	64QAM	36	20	20.10	20.23	20.10	20.8	3
15	64QAM	36	39	20.05	20.15	20.12		
15	64QAM	75	0	20.04	20.24	20.01		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.35	23.41	23.25		
10	QPSK	1	25	23.31	23.35	23.18	23.8	0
10	QPSK	1	49	23.06	23.19	23.19		
10	QPSK	25	0	22.32	22.42	22.32		
10	QPSK	25	12	22.28	22.30	22.22	22.8	1
10	QPSK	25	25	22.30	22.31	22.30		
10	QPSK	50	0	22.24	22.32	22.19		
10	16QAM	1	0	22.41	22.38	22.42		
10	16QAM	1	25	22.48	22.38	22.44	22.8	1
10	16QAM	1	49	22.42	22.30	22.39		
10	16QAM	25	0	21.05	21.21	21.13		
10	16QAM	25	12	21.24	21.23	21.18	21.8	2
10	16QAM	25	25	21.10	21.22	21.14		
10	16QAM	50	0	21.19	21.17	21.14		
10	64QAM	1	0	21.24	21.35	21.17		
10	64QAM	1	25	21.48	21.39	21.30	21.8	2
10	64QAM	1	49	21.18	21.34	21.27		
10	64QAM	25	0	20.17	20.24	20.13		
10	64QAM	25	12	19.98	20.27	20.09	20.8	3
10	64QAM	25	25	20.08	20.15	20.17		
10	64QAM	50	0	20.03	20.26	20.12		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.24	23.31	23.28		
5	QPSK	1	12	23.25	23.25	23.26	23.8	0
5	QPSK	1	24	23.18	23.21	23.10		
5	QPSK	12	0	22.27	22.33	22.36		
5	QPSK	12	7	22.23	22.31	22.23	22.8	1
5	QPSK	12	13	22.32	22.39	22.36		
5	QPSK	25	0	22.22	22.31	22.15		
5	16QAM	1	0	22.46	22.41	22.47		
5	16QAM	1	12	22.37	22.39	22.44	22.8	1
5	16QAM	1	24	22.34	22.35	22.31		
5	16QAM	12	0	21.15	21.17	21.15		
5	16QAM	12	7	21.25	21.21	21.13	21.8	2
5	16QAM	12	13	21.12	21.15	21.18		
5	16QAM	25	0	21.11	21.22	21.19		
5	64QAM	1	0	21.13	21.38	21.15		
5	64QAM	1	12	21.48	21.39	21.37	21.8	2
5	64QAM	1	24	21.24	21.22	21.33		
5	64QAM	12	0	20.26	20.19	20.20		
5	64QAM	12	7	19.99	20.15	20.08	20.8	3
5	64QAM	12	13	20.17	20.25	20.19		
5	64QAM	25	0	20.06	20.15	20.13		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.37	23.38	23.29		
3	QPSK	1	8	23.27	23.28	23.25	23.8	0
3	QPSK	1	14	23.07	23.19	23.15		
3	QPSK	8	0	22.35	22.33	22.33		
3	QPSK	8	4	22.24	22.29	22.31	22.8	1
3	QPSK	8	7	22.24	22.32	22.31		
3	QPSK	15	0	22.16	22.32	22.16		
3	16QAM	1	0	22.44	22.34	22.44		
3	16QAM	1	8	22.40	22.33	22.43	22.8	1
3	16QAM	1	14	22.36	22.33	22.38		
3	16QAM	8	0	21.09	21.25	21.22		
3	16QAM	8	4	21.27	21.26	21.20	21.8	2
3	16QAM	8	7	21.15	21.14	21.21		
3	16QAM	15	0	21.06	21.26	21.23		
3	64QAM	1	0	21.20	21.33	21.14		
3	64QAM	1	8	21.34	21.37	21.31	21.8	2
3	64QAM	1	14	21.13	21.29	21.20		
3	64QAM	8	0	20.12	20.21	20.23		
3	64QAM	8	4	20.02	20.23	20.12	20.8	3
3	64QAM	8	7	20.06	20.11	20.17		
3	64QAM	15	0	20.07	20.14	20.11		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.23	23.35	23.26		
1.4	QPSK	1	3	23.32	23.31	23.25		
1.4	QPSK	1	5	23.04	23.21	23.21	23.8	0
1.4	QPSK	3	0	23.14	23.29	23.13		
1.4	QPSK	3	1	23.27	23.26	23.22		
1.4	QPSK	3	3	22.92	23.06	23.12		
1.4	QPSK	6	0	22.19	22.23	22.21	22.8	1
1.4	16QAM	1	0	22.38	22.44	22.47		
1.4	16QAM	1	3	22.43	22.40	22.40		
1.4	16QAM	1	5	22.36	22.37	22.36	22.8	1
1.4	16QAM	3	0	22.35	22.35	22.44		
1.4	16QAM	3	1	22.38	22.34	22.36		
1.4	16QAM	3	3	22.21	22.29	22.22		
1.4	16QAM	6	0	21.12	21.15	21.12	21.8	2
1.4	64QAM	1	0	21.16	21.34	21.26		
1.4	64QAM	1	3	21.45	21.39	21.29		
1.4	64QAM	1	5	21.17	21.33	21.30	21.8	2
1.4	64QAM	3	0	21.09	21.22	21.12		
1.4	64QAM	3	1	21.44	21.24	21.15		
1.4	64QAM	3	3	21.11	21.29	21.27		
1.4	64QAM	6	0	20.12	20.23	20.05	20.8	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.58	21.63	21.53		
20	QPSK	1	49	21.51	21.53	21.45	21.8	0
20	QPSK	1	99	21.35	21.49	21.39		
20	QPSK	50	0	20.40	20.46	20.38		
20	QPSK	50	24	20.35	20.45	20.32	20.8	1
20	QPSK	50	50	20.33	20.44	20.36		
20	QPSK	100	0	20.37	20.43	20.42		
20	16QAM	1	0	20.58	20.64	20.53		
20	16QAM	1	49	20.44	20.51	20.40	20.8	1
20	16QAM	1	99	20.47	20.59	20.42		
20	16QAM	50	0	19.36	19.29	19.33		
20	16QAM	50	24	19.53	19.56	19.49	19.8	2
20	16QAM	50	50	19.38	19.40	19.28		
20	16QAM	100	0	19.37	19.51	19.33		
20	64QAM	1	0	19.52	19.55	19.49		
20	64QAM	1	49	19.36	19.47	19.37	19.8	2
20	64QAM	1	99	19.46	19.52	19.33		
20	64QAM	50	0	18.29	18.39	18.30		
20	64QAM	50	24	18.55	18.56	18.47	18.8	3
20	64QAM	50	50	18.43	18.43	18.38		
20	64QAM	100	0	18.32	18.57	18.36		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.54	21.57	21.49		
15	QPSK	1	37	21.45	21.43	21.33	21.8	0
15	QPSK	1	74	21.27	21.39	21.28		
15	QPSK	36	0	20.30	20.37	20.35		
15	QPSK	36	20	20.29	20.31	20.22	20.8	1
15	QPSK	36	39	20.30	20.39	20.31		
15	QPSK	75	0	20.35	20.29	20.37		
15	16QAM	1	0	20.50	20.54	20.48		
15	16QAM	1	37	20.35	20.40	20.33	20.8	1
15	16QAM	1	74	20.41	20.49	20.37		
15	16QAM	36	0	19.30	19.23	19.23		
15	16QAM	36	20	19.43	19.49	19.41	19.8	2
15	16QAM	36	39	19.29	19.34	19.13		
15	16QAM	75	0	19.24	19.46	19.25		
15	64QAM	1	0	19.42	19.49	19.35		
15	64QAM	1	37	19.34	19.43	19.22	19.8	2
15	64QAM	1	74	19.44	19.39	19.31		
15	64QAM	36	0	18.25	18.28	18.18		
15	64QAM	36	20	18.41	18.43	18.37	18.8	3
15	64QAM	36	39	18.39	18.31	18.25		
15	64QAM	75	0	18.24	18.53	18.27		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.60	21.43	21.50		
10	QPSK	1	25	21.43	21.45	21.38	21.8	0
10	QPSK	1	49	21.28	21.37	21.25		
10	QPSK	25	0	20.25	20.35	20.23		
10	QPSK	25	12	20.27	20.42	20.29	20.8	1
10	QPSK	25	25	20.28	20.40	20.27		
10	QPSK	50	0	20.31	20.28	20.28		
10	16QAM	1	0	20.57	20.63	20.44		
10	16QAM	1	25	20.43	20.44	20.32	20.8	1
10	16QAM	1	49	20.37	20.44	20.30		
10	16QAM	25	0	19.33	19.23	19.24		
10	16QAM	25	12	19.51	19.51	19.41	19.8	2
10	16QAM	25	25	19.26	19.29	19.22		
10	16QAM	50	0	19.34	19.49	19.21		
10	64QAM	1	0	19.39	19.40	19.43		
10	64QAM	1	25	19.24	19.43	19.32	19.8	2
10	64QAM	1	49	19.42	19.37	19.24		
10	64QAM	25	0	18.21	18.31	18.22		
10	64QAM	25	12	18.54	18.48	18.33	18.8	3
10	64QAM	25	25	18.41	18.34	18.32		
10	64QAM	50	0	18.30	18.54	18.26		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.60	21.52	21.43		
5	QPSK	1	12	21.49	21.46	21.30	21.8	0
5	QPSK	1	24	21.30	21.34	21.34		
5	QPSK	12	0	20.26	20.42	20.24		
5	QPSK	12	7	20.30	20.32	20.25	20.8	1
5	QPSK	12	13	20.30	20.33	20.32		
5	QPSK	25	0	20.23	20.35	20.40		
5	16QAM	1	0	20.57	20.54	20.39		
5	16QAM	1	12	20.32	20.36	20.39	20.8	1
5	16QAM	1	24	20.34	20.58	20.36		
5	16QAM	12	0	19.24	19.22	19.25		
5	16QAM	12	7	19.47	19.50	19.41	19.8	2
5	16QAM	12	13	19.34	19.27	19.18		
5	16QAM	25	0	19.34	19.45	19.31		
5	64QAM	1	0	19.49	19.53	19.47		
5	64QAM	1	12	19.24	19.34	19.22	19.8	2
5	64QAM	1	24	19.35	19.40	19.25		
5	64QAM	12	0	18.15	18.24	18.24		
5	64QAM	12	7	18.51	18.50	18.43	18.8	3
5	64QAM	12	13	18.42	18.35	18.23		
5	64QAM	25	0	18.22	18.44	18.22		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.52	21.49	21.51		
3	QPSK	1	8	21.42	21.43	21.31	21.8	0
3	QPSK	1	14	21.27

Band 4_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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.90	23.92	23.89		
20	QPSK	1	49	23.71	23.82	23.78	25	0
20	QPSK	1	99	23.60	23.66	23.54		
20	QPSK	50	0	22.84	22.87	22.86		
20	QPSK	50	24	22.82	22.86	22.85	24	1
20	QPSK	50	50	22.77	22.83	22.75		
20	QPSK	100	0	22.74	22.85	22.73		
20	16QAM	1	0	23.00	23.09	23.07		
20	16QAM	1	49	23.07	23.09	23.04	24	1
20	16QAM	1	99	22.93	22.95	22.83		
20	16QAM	50	0	21.68	21.83	21.81		
20	16QAM	50	24	21.74	21.85	21.83	23	2
20	16QAM	50	50	21.77	21.81	21.76		
20	16QAM	100	0	21.77	21.85	21.77		
20	64QAM	1	0	22.03	22.04	21.96		
20	64QAM	1	49	21.82	21.97	21.86	23	2
20	64QAM	1	99	21.76	21.88	21.79		
20	64QAM	50	0	20.77	20.85	20.72		
20	64QAM	50	24	20.76	20.88	20.87	22	3
20	64QAM	50	50	20.73	20.85	20.74		
20	64QAM	100	0	20.83	20.86	20.85		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.88	23.77	23.81		
15	QPSK	1	37	23.66	23.74	23.74	25	0
15	QPSK	1	74	23.46	23.58	23.39		
15	QPSK	36	0	22.79	22.79	22.83		
15	QPSK	36	20	22.79	22.78	22.82	24	1
15	QPSK	36	39	22.74	22.80	22.69		
15	QPSK	75	0	22.62	22.72	22.70		
15	16QAM	1	0	22.95	23.04	22.93		
15	16QAM	1	37	23.04	23.07	23.01	24	1
15	16QAM	1	74	22.86	22.84	22.73		
15	16QAM	36	0	21.54	21.76	21.78		
15	16QAM	36	20	21.68	21.80	21.73	23	2
15	16QAM	36	39	21.64	21.67	21.70		
15	16QAM	75	0	21.65	21.77	21.74		
15	64QAM	1	0	21.96	21.91	21.92		
15	64QAM	1	37	21.81	21.92	21.72	23	2
15	64QAM	1	74	21.68	21.75	21.76		
15	64QAM	36	0	20.65	20.80	20.69		
15	64QAM	36	20	20.69	20.86	20.72	22	3
15	64QAM	36	39	20.65	20.84	20.60		
15	64QAM	75	0	20.69	20.73	20.81		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.78	23.85	23.75		
10	QPSK	1	25	23.57	23.80	23.76	25	0
10	QPSK	1	49	23.48	23.64	23.50		
10	QPSK	25	0	22.78	22.82	22.73		
10	QPSK	25	12	22.73	22.79	22.70	24	1
10	QPSK	25	25	22.66	22.71	22.61		
10	QPSK	50	0	22.62	22.77	22.61		
10	16QAM	1	0	22.97	22.97	22.94		
10	16QAM	1	25	23.03	22.98	23.00	24	1
10	16QAM	1	49	22.89	22.94	22.74		
10	16QAM	25	0	21.56	21.79	21.80		
10	16QAM	25	12	21.66	21.74	21.79	23	2
10	16QAM	25	25	21.68	21.71	21.63		
10	16QAM	50	0	21.75	21.71	21.66		
10	64QAM	1	0	21.96	21.99	21.88		
10	64QAM	1	25	21.70	21.84	21.74	23	2
10	64QAM	1	49	21.64	21.74	21.78		
10	64QAM	25	0	20.67	20.82	20.64		
10	64QAM	25	12	20.62	20.74	20.82	22	3
10	64QAM	25	25	20.61	20.82	20.72		
10	64QAM	50	0	20.77	20.73	20.79		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.88	23.78	23.74		
5	QPSK	1	12	23.58	23.70	23.71	25	0
5	QPSK	1	24	23.54	23.60	23.47		
5	QPSK	12	0	22.69	22.75	22.80		
5	QPSK	12	7	22.68	22.81	22.83	24	1
5	QPSK	12	13	22.65	22.81	22.69		
5	QPSK	25	0	22.69	22.71	22.58		
5	16QAM	1	0	22.99	23.06	22.97		
5	16QAM	1	12	22.94	22.98	22.93	24	1
5	16QAM	1	24	22.84	22.94	22.69		
5	16QAM	12	0	21.60	21.81	21.74		
5	16QAM	12	7	21.61	21.71	21.79	23	2
5	16QAM	12	13	21.74	21.78	21.63		
5	16QAM	25	0	21.73	21.71	21.72		
5	64QAM	1	0	21.98	21.92	21.83		
5	64QAM	1	12	21.69	21.84	21.76	23	2
5	64QAM	1	24	21.72	21.76	21.71		
5	64QAM	12	0	20.64	20.79	20.61		
5	64QAM	12	7	20.74	20.85	20.81	22	3
5	64QAM	12	13	20.69	20.70	20.65		
5	64QAM	25	0	20.76	20.84	20.74		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.86	23.90	23.79		
3	QPSK	1	8	23.59	23.77	23.63	25	0
3	QPSK	1	14	23.51	23.61	23.50		
3	QPSK	8	0	22.77	22.78	22.76		
3	QPSK	8	4	22.77	22.79	22.73	24	1
3	QPSK	8	7	22.63	22.78	22.70		
3	QPSK	15	0	22.68	22.70	22.66		
3	16QAM	1	0	22.99	23.04	22.96		
3	16QAM	1	8	22.96	23.04	23.00	24	1
3	16QAM	1	14	22.86	22.83	22.79		
3	16QAM	8	0	21.65	21.80	21.72		
3	16QAM	8	4	21.67	21.75	21.74	23	2
3	16QAM	8	7	21.64	21.79	21.74		
3	16QAM	15	0	21.75	21.78	21.68		
3	64QAM	1	0	21.90	22.03	21.88		
3	64QAM	1	8	21.72	21.91	21.85	23	2
3	64QAM	1	14	21.66	21.80	21.70		
3	64QAM	8	0	20.69	20.79	20.57		
3	64QAM	8	4	20.66	20.82	20.74	22	3
3	64QAM	8	7	20.70	20.77	20.66		
3	64QAM	15	0	20.70	20.81	20.71		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.81	23.78	23.80		
1.4	QPSK	1	3	23.69	23.72	23.74		
1.4	QPSK	1	5	23.58	23.59	23.46	25	0
1.4	QPSK	3	0	23.75	23.64	23.74		
1.4	QPSK	3	1	23.56	23.62	23.63		
1.4	QPSK	3	3	23.52	23.48	23.41		
1.4	QPSK	6	0	22.63	22.84	22.67	24	1
1.4	16QAM	1	0	22.88	22.95	23.05		
1.4	16QAM	1	3	22.97	23.03	22.91		
1.4	16QAM	1	5	22.80	22.84	22.74	24	1
1.4	16QAM	3	0	22.84	22.92	22.97		
1.4	16QAM	3	1	22.82	22.89	22.82		
1.4	16QAM	3	3	22.65	22.73	22.69		
1.4	16QAM	6	0	21.66	21.84	21.63	23	2
1.4	64QAM	1	0	21.99	21.99	21.92		
1.4	64QAM	1	3	21.78	21.87	21.79		
1.4	64QAM	1	5	21.61	21.79	21.70	23	2
1.4	64QAM	3	0	21.94	21.88	21.80		
1.4	64QAM	3	1	21.69	21.80	21.72		
1.4	64QAM	3	3	21.53	21.77	21.59		
1.4	64QAM	6	0	20.72	20.72	20.83	22	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.39	24.41	24.36		
20	QPSK	1	49	24.20	24.31	24.16	25	0
20	QPSK	1	99	24.14	24.17	24.07		
20	QPSK	50	0	23.28	23.36	23.22		
20	QPSK	50	24	23.15	23.26	23.20	24	1
20	QPSK	50	50	23.26	23.30	23.16		
20	QPSK	100	0	23.20	23.33	23.27		
20	16QAM	1	0	23.57	23.62	23.51		
20	16QAM	1	49	23.58	23.60	23.51	24	1
20	16QAM	1	99	23.32	23.46	23.39		
20	16QAM	50	0	22.23	22.33	22.26		
20	16QAM	50	24	22.23	22.35	22.25	23	2
20	16QAM	50	50	22.30	22.33	22.20		
20	16QAM	100	0	22.33	22.36	22.30		
20	64QAM	1	0	22.54	22.55	22.44		
20	64QAM	1	49	22.41	22.46	22.41	23	2
20	64QAM	1	99	22.25	22.33	22.21		
20	64QAM	50	0	21.23	21.35	21.20		
20	64QAM	50	24	21.37	21.39	21.27	22	3
20	64QAM	50	50	21.34	21.35	21.30		
20	64QAM	100	0	21.33	21.37	21.28		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.34	24.33	24.33		
15	QPSK	1	37	24.09	24.20	24.06	25	0
15	QPSK	1	74	24.05	24.02	24.01		
15	QPSK	36	0	23.17	23.19	23.19		
15	QPSK	36	20	23.06	23.21	23.05	24	1
15	QPSK	36	39	23.11	23.16	23.01		
15	QPSK	75	0	23.07	23.21	23.25		
15	16QAM	1	0	23.44	23.57	23.40		
15	16QAM	1	37	23.57	23.47	23.42	24	1
15	16QAM	1	74	23.30	23.33	23.27		
15	16QAM	36	0	22.13	22.21	22.13		
15	16QAM	36	20	22.12	22.27	22.13	23	2
15	16QAM	36	39	22.19	22.19	22.12		
15	16QAM	75	0	22.27	22.22	22.21		
15	64QAM	1	0	22.40	22.52	22.31		
15	64QAM	1	37	22.36	22.37	22.27	23	2
15	64QAM	1	74	22.24	22.25	22.17		
15	64QAM	36	0	21.11	21.26	21.13		
15	64QAM	36	20	21.34	21.29	21.20	22	3
15	64QAM	36	39	21.20	21.24	21.21		
15	64QAM	75	0	21.22	21.33	21.21		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.26	24.35	24.30		
10	QPSK	1	25	24.05	24.17	24.02	25	0
10	QPSK	1	49	24.13	24.16	24.00		
10	QPSK	25	0	23.15	23.20	23.12		
10	QPSK	25	12	23.09	23.14	23.11	24	1
10	QPSK	25	25	23.25	23.29	23.11		
10	QPSK	50	0	23.18	23.25	23.18		
10	16QAM	1	0	23.54	23.52	23.45		
10	16QAM	1	25	23.48	23.52	23.50	24	1
10	16QAM	1	49	23.21	23.32	23.31		
10	16QAM	25	0	22.21	22.27	22.11		
10	16QAM	25	12	22.11	22.33	22.17	23	2
10	16QAM	25	25	22.23	22.31	22.13		
10	16QAM	50	0	22.25	22.26	22.15		
10	64QAM	1	0	22.49	22.51	22.29		
10	64QAM	1	25	22.33	22.39	22.29	23	2
10	64QAM	1	49	22.20	22.22	22.15		
10	64QAM	25	0	21.17	21.20	21.17		
10	64QAM	25	12	21.28	21.35	21.23	22	3
10	64QAM	25	25	21.32	21.27	21.23		
10	64QAM	50	0	21.18	21.32	21.17		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.34	24.33	24.25		
5	QPSK	1	12	24.18	24.25	24.09	25	0
5	QPSK	1	24	24.10	24.08	23.96		
5	QPSK	12	0	23.14	23.28	23.19		
5	QPSK	12	7	23.09	23.17	23.16	24	1
5	QPSK	12	13	23.16	23.22	23.08		
5	QPSK	25	0	23.07	23.21	23.26		
5	16QAM	1	0	23.44	23.48	23.36		
5	16QAM	1	12	23.52	23.54	23.46	24	1
5	16QAM	1	24	23.17	23.38	23.27		
5	16QAM	12	0	22.11	22.24	22.11		
5	16QAM	12	7	22.14	22.31	22.24	23	2
5	16QAM	12	13	22.27	22.20	22.18		
5	16QAM	25	0	22.28	22.21	22.24		
5	64QAM	1	0	22.45	22.44	22.29		
5	64QAM	1	12	22.26	22.31	22.40	23	2
5	64QAM	1	24	22.18	22.27	22.17		
5	64QAM	12	0	21.14	21.32	21.15		
5	64QAM	12	7	21.26	21.26	21.23	22	3
5	64QAM	12	13	21.27	21.22	21.23		
5	64QAM	25	0	21.25	21.25	21.13		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.32	24.37	24.28		
3	QPSK	1	8	24.15	24.24	24.13	25	0
3	QPSK	1	14	24.05	24.10	24.00		
3	QPSK	8	0	23.14	23.27	23.13		
3	QPSK	8	4	23.09	23.20	23.11	24	1
3	QPSK	8	7	23.19	23.21	23.12		
3	QPSK	15	0	23.11	23.26	23.25		
3	16QAM	1	0	23.45	23.60	23.36		
3	16QAM	1	8	23.47	23.45	23.41	24	1
3	16QAM	1	14	23.31	23.35	23.38		
3	16QAM	8	0	22.10	22.19	22.19		
3	16QAM	8	4	22.19	22.30	22.15	23	2
3	16QAM	8	7	22.26	22.20	22.07		
3	16QAM	15	0	22.23	22.31	22.19		
3	64QAM	1	0	22.52	22.49	22.32		
3	64QAM	1	8	22.38	22.38	22.29	23	2
3	64QAM	1	14	22.11	22.20	22.12		
3	64QAM	8	0	21.22	21.22	21.08		
3	64QAM	8	4	21.27	21.28	21.20	22	3
3	64QAM	8	7	21.24	21.32	21.24		
3	64QAM	15	0	21.32	21.35	21.17		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.29	24.26	24.35		
1.4	QPSK	1	3	24.13	24.21	24.01		
1.4	QPSK	1	5	24.02	24.15	23.94	25	0
1.4	QPSK	3	0	23.26	23.22	23.12		
1.4	QPSK	3	1	23.00	23.12	23.08		
1.4	QPSK	3	3	23.17	23.24	23.12		
1.4	QPSK	6	0	23.16	23.27	23.16	24	1
1.4	16QAM	1	0	23.56	23.54	23.47		
1.4	16QAM	1	3	23.47	23.50	23.45		
1.4	16QAM	1	5	23.22	23.42	23.35	24	1
1.4	16QAM	3	0	22.15	22.22	22.14		
1.4	16QAM	3	1	22.15	22.28	22.23		
1.4	16QAM	3	3	22.23	22.28	22.17		
1.4	16QAM	6	0	22.29	22.21	22.24	23	2
1.4	64QAM	1	0	22.53	22.42	22.40		
1.4	64QAM	1	3	22.30	22.36	22.33		
1.4	64QAM	1	5	22.21	22.32	22.12	23	2
1.4	64QAM	3	0	21.21	21.34	21.06		
1.4	64QAM	3	1	21.31	21.30	21.22		
1.4	64QAM	3	3	21.29	21.22	21.23		
1.4	64QAM	6	0	21.19	21.22	21.21	22	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.39	22.40	22.30		
20	QPSK	1	49	22.30	22.25	22.24	23	0
20	QPSK	1	99	22.09	22.14	22.10		
20	QPSK	50	0	21.38	21.40	21.25		
20	QPSK	50	24	21.23	21.28	21.16	22	1
20	QPSK	50	50	21.33	21.27	21.24		
20	QPSK	100	0	21.36	21.39	21.22		
20	16QAM	1	0	21.54	21.58	21.51		
20	16QAM	1	49	21.62	21.55	21.43	22	1
20	16QAM	1	99	21.33	21.37	21.22		
20	16QAM	50	0	20.35	20.28	20.21		
20	16QAM	50	24	20.27	20.30	20.26	21	2
20	16QAM	50	50	20.25	20.25	20.15		
20	16QAM	100	0	20.29	20.27	20.25		
20	64QAM	1	0	20.54	20.45	20.33		
20	64QAM	1	49	20.40	20.41	20.28	21	2
20	64QAM	1	99	20.41	20.32	20.30		
20	64QAM	50	0	19.31	19.28	19.19		
20	64QAM	50	24	19.33	19.30	19.15	20	3
20	64QAM	50	50	19.33	19.25	19.21		
20	64QAM	100	0	19.29	19.30	19.24		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.36	22.19	22.29		
15	QPSK	1	37	22.23	22.13	22.19	23	0
15	QPSK	1	74	22.01	22.10	21.95		
15	QPSK	36	0	21.28	21.29	21.24		
15	QPSK	36	20	21.20	21.15	21.04	22	1
15	QPSK	36	39	21.23	21.20	21.09		
15	QPSK	75	0	21.30	21.15	21.12		
15	16QAM	1	0	21.53	21.50	21.42		
15	16QAM	1	37	21.52	21.41	21.30	22	1
15	16QAM	1	74	21.23	21.31	21.17		
15	16QAM	36	0	20.33	20.18	20.10		
15	16QAM	36	20	20.14	20.25	20.18	21	2
15	16QAM	36	39	20.22	20.19	20.00		
15	16QAM	75	0	20.28	20.17	20.17		
15	64QAM	1	0	20.50	20.30	20.29		
15	64QAM	1	37	20.38	20.34	20.26	21	2
15	64QAM	1	74	20.33	20.28	20.29		
15	64QAM	36	0	19.27	19.16	19.04		
15	64QAM	36	20	19.22	19.18	19.14	20	3
15	64QAM	36	39	19.26	19.15	19.13		
15	64QAM	75	0	19.16	19.15	19.09		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.25	22.24	22.19		
10	QPSK	1	25	22.22	22.16	22.13	23	0
10	QPSK	1	49	22.04	22.13	21.98		
10	QPSK	25	0	21.36	21.29	21.21		
10	QPSK	25	12	21.17	21.22	21.15	22	1
10	QPSK	25	25	21.30	21.24	21.09		
10	QPSK	50	0	21.24	21.14	21.17		
10	16QAM	1	0	21.39	21.47	21.50		
10	16QAM	1	25	21.50	21.51	21.32	22	1
10	16QAM	1	49	21.23	21.34	21.12		
10	16QAM	25	0	20.27	20.24	20.08		
10	16QAM	25	12	20.25	20.15	20.16	21	2
10	16QAM	25	25	20.24	20.19	20.00		
10	16QAM	50	0	20.18	20.18	20.24		
10	64QAM	1	0	20.51	20.38	20.30		
10	64QAM	1	25	20.38	20.35	20.22	21	2
10	64QAM	1	49	20.37	20.19	20.15		
10	64QAM	25	0	19.26	19.15	19.06		
10	64QAM	25	12	19.20	19.29	19.06	20	3
10	64QAM	25	25	19.31	19.22	19.14		
10	64QAM	50	0	19.22	19.27	19.21		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.32	22.27	22.25		
5	QPSK	1	12	22.16	22.18	22.18	23	0
5	QPSK	1	24	22.05	22.11	22.01		
5	QPSK	12	0	21.31	21.24	21.15		
5	QPSK	12	7	21.14	21.21	21.03	22	1
5	QPSK	12	13	21.26	21.13	21.15		
5	QPSK	25	0	21.32	21.21	21.15		
5	16QAM	1	0	21.43	21.43	21.47		
5	16QAM	1	12	21.58	21.49	21.30	22	1
5	16QAM	1	24	21.30	21.30	21.15		
5	16QAM	12	0	20.31	20.14	20.08		
5	16QAM	12	7	20.21	20.25	20.20	21	2
5	16QAM	12	13	20.19	20.12	20.01		
5	16QAM	25	0	20.28	20.26	20.11		
5	64QAM	1	0	20.50	20.37	20.30		
5	64QAM	1	12	20.30	20.36	20.17	21	2
5	64QAM	1	24	20.27	20.19	20.20		
5	64QAM	12	0	19.17	19.13	19.10		
5	64QAM	12	7	19.26	19.26	19.10	20	3
5	64QAM	12	13	19.20	19.19	19.06		
5	64QAM	25	0	19.17	19.15	19.20		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.28	22.29	22.19		
3	QPSK	1	8	22.18	22.19	22.09	23	0
3	QPSK	1	14	22.08	21.99	22.07		
3	QPSK	8	0	21.34	21.19	21.13		
3	QPSK	8	4	21.13	21.23	21.08	22	1
3	QPSK	8	7	21.22	21.21	21.14		
3	QPSK	15	0	21.28

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.85	23.94	23.88		
10	QPSK	1	25	23.73	23.83	23.74	25	0
10	QPSK	1	49	23.80	23.88	23.85		
10	QPSK	25	0	22.84	22.86	22.84		
10	QPSK	25	12	22.74	22.83	22.78	24	1
10	QPSK	25	25	22.83	22.85	22.79		
10	QPSK	50	0	22.83	22.84	22.72		
10	16QAM	1	0	23.05	23.12	23.03		
10	16QAM	1	25	23.05	23.07	23.04	24	1
10	16QAM	1	49	23.14	23.17	23.07		
10	16QAM	25	0	21.78	21.86	21.85		
10	16QAM	25	12	21.71	21.83	21.72	23	2
10	16QAM	25	25	21.74	21.81	21.76		
10	16QAM	50	0	21.73	21.83	21.77		
10	64QAM	1	0	21.86	21.95	21.92		
10	64QAM	1	25	21.90	21.99	21.91	23	2
10	64QAM	1	49	21.94	21.98	21.93		
10	64QAM	25	0	20.70	20.84	20.78		
10	64QAM	25	12	20.79	20.81	20.76	22	3
10	64QAM	25	25	20.66	20.80	20.77		
10	64QAM	50	0	20.82	20.83	20.71		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.84	23.79	23.76		
5	QPSK	1	12	23.70	23.77	23.71	25	0
5	QPSK	1	24	23.68	23.76	23.79		
5	QPSK	12	0	22.70	22.77	22.77		
5	QPSK	12	7	22.70	22.75	22.73	24	1
5	QPSK	12	13	22.77	22.75	22.78		
5	QPSK	25	0	22.75	22.75	22.65		
5	16QAM	1	0	23.01	22.99	22.90		
5	16QAM	1	12	22.99	22.95	23.02	24	1
5	16QAM	1	24	23.01	23.06	22.99		
5	16QAM	12	0	21.75	21.80	21.73		
5	16QAM	12	7	21.65	21.82	21.67	23	2
5	16QAM	12	13	21.59	21.72	21.70		
5	16QAM	25	0	21.62	21.72	21.63		
5	64QAM	1	0	21.71	21.81	21.91		
5	64QAM	1	12	21.80	21.90	21.81	23	2
5	64QAM	1	24	21.86	21.97	21.81		
5	64QAM	12	0	20.61	20.74	20.75		
5	64QAM	12	7	20.71	20.68	20.69	22	3
5	64QAM	12	13	20.60	20.71	20.69		
5	64QAM	25	0	20.73	20.82	20.62		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.74	23.80	23.77		
3	QPSK	1	8	23.58	23.71	23.68	25	0
3	QPSK	1	14	23.79	23.78	23.81		
3	QPSK	8	0	22.79	22.74	22.73		
3	QPSK	8	4	22.71	22.82	22.64	24	1
3	QPSK	8	7	22.72	22.81	22.78		
3	QPSK	15	0	22.72	22.74	22.68		
3	16QAM	1	0	22.92	22.99	22.98		
3	16QAM	1	8	23.03	23.04	22.92	24	1
3	16QAM	1	14	23.02	23.09	22.92		
3	16QAM	8	0	21.63	21.81	21.72		
3	16QAM	8	4	21.66	21.74	21.70	23	2
3	16QAM	8	7	21.65	21.72	21.74		
3	16QAM	15	0	21.65	21.69	21.62		
3	64QAM	1	0	21.79	21.85	21.80		
3	64QAM	1	8	21.77	21.88	21.79	23	2
3	64QAM	1	14	21.86	21.91	21.82		
3	64QAM	8	0	20.61	20.77	20.71		
3	64QAM	8	4	20.75	20.70	20.70	22	3
3	64QAM	8	7	20.65	20.74	20.72		
3	64QAM	15	0	20.79	20.73	20.63		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.74	23.87	23.84		
1.4	QPSK	1	3	23.71	23.68	23.69		
1.4	QPSK	1	5	23.79	23.73	23.76	25	0
1.4	QPSK	3	0	23.64	23.74	23.76		
1.4	QPSK	3	1	23.59	23.57	23.58		
1.4	QPSK	3	3	23.70	23.60	23.63		
1.4	QPSK	6	0	22.68	22.72	22.60	24	1
1.4	16QAM	1	0	23.04	23.11	22.91		
1.4	16QAM	1	3	22.90	23.02	22.93		
1.4	16QAM	1	5	23.08	23.05	23.04	24	1
1.4	16QAM	3	0	22.93	22.97	22.86		
1.4	16QAM	3	1	22.89	22.95	22.91		
1.4	16QAM	3	3	23.00	23.04	22.92		
1.4	16QAM	6	0	21.67	21.68	21.72	23	2
1.4	64QAM	1	0	21.71	21.80	21.88		
1.4	64QAM	1	3	21.78	21.96	21.76		
1.4	64QAM	1	5	21.90	21.89	21.78	23	2
1.4	64QAM	3	0	21.60	21.70	21.82		
1.4	64QAM	3	1	21.72	21.84	21.64		
1.4	64QAM	3	3	21.84	21.74	21.74		
1.4	64QAM	6	0	20.70	20.76	20.56	22	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.82	23.84	23.83		
10	QPSK	1	25	23.70	23.81	23.75	24	0
10	QPSK	1	49	23.71	23.78	23.63		
10	QPSK	25	0	22.76	22.83	22.76		
10	QPSK	25	12	22.72	22.82	22.73	23	1
10	QPSK	25	25	22.70	22.80	22.65		
10	QPSK	50	0	22.73	22.81	22.73		
10	16QAM	1	0	22.88	22.97	22.87		
10	16QAM	1	25	22.81	22.91	22.80	23	1
10	16QAM	1	49	22.85	22.99	22.91		
10	16QAM	25	0	21.78	21.84	21.72		
10	16QAM	25	12	21.76	21.82	21.74	22	2
10	16QAM	25	25	21.69	21.82	21.67		
10	16QAM	50	0	21.79	21.84	21.80		
10	64QAM	1	0	21.86	21.94	21.90		
10	64QAM	1	25	21.90	21.99	21.95	22	2
10	64QAM	1	49	21.86	21.99	21.93		
10	64QAM	25	0	20.75	20.86	20.81		
10	64QAM	25	12	20.68	20.81	20.79	21	3
10	64QAM	25	25	20.70	20.79	20.73		
10	64QAM	50	0	20.73	20.82	20.78		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.75	23.77	23.82		
5	QPSK	1	12	23.67	23.73	23.73	24	0
5	QPSK	1	24	23.66	23.74	23.48		
5	QPSK	12	0	22.63	22.74	22.77		
5	QPSK	12	7	22.63	22.70	22.63	23	1
5	QPSK	12	13	22.61	22.74	22.56		
5	QPSK	25	0	22.69	22.78	22.59		
5	16QAM	1	0	22.83	22.94	22.78		
5	16QAM	1	12	22.74	22.76	22.79	23	1
5	16QAM	1	24	22.73	22.96	22.86		
5	16QAM	12	0	21.73	21.75	21.67		
5	16QAM	12	7	21.75	21.71	21.66	22	2
5	16QAM	12	13	21.55	21.73	21.55		
5	16QAM	25	0	21.66	21.72	21.71		
5	64QAM	1	0	21.84	21.82	21.87		
5	64QAM	1	12	21.77	21.88	21.86	22	2
5	64QAM	1	24	21.83	21.91	21.80		
5	64QAM	12	0	20.71	20.76	20.75		
5	64QAM	12	7	20.57	20.72	20.73	21	3
5	64QAM	12	13	20.60	20.64	20.72		
5	64QAM	25	0	20.58	20.70	20.76		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.75	23.72	23.69		
3	QPSK	1	8	23.59	23.79	23.69	24	0
3	QPSK	1	14	23.64	23.77	23.59		
3	QPSK	8	0	22.64	22.68	22.75		
3	QPSK	8	4	22.66	22.73	22.67	23	1
3	QPSK	8	7	22.55	22.67	22.61		
3	QPSK	15	0	22.63	22.80	22.62		
3	16QAM	1	0	22.77	22.93	22.84		
3	16QAM	1	8	22.76	22.84	22.69	23	1
3	16QAM	1	14	22.76	22.84	22.79		
3	16QAM	8	0	21.73	21.80	21.61		
3	16QAM	8	4	21.69	21.77	21.71	22	2
3	16QAM	8	7	21.66	21.71	21.65		
3	16QAM	15	0	21.67	21.70	21.79		
3	64QAM	1	0	21.78	21.92	21.77		
3	64QAM	1	8	21.79	21.85	21.87	22	2
3	64QAM	1	14	21.81	21.86	21.81		
3	64QAM	8	0	20.65	20.80	20.66		
3	64QAM	8	4	20.54	20.71	20.72	21	3
3	64QAM	8	7	20.67	20.66	20.59		
3	64QAM	15	0	20.71	20.76	20.76		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.74	23.77	23.79		
1.4	QPSK	1	3	23.65	23.66	23.61		
1.4	QPSK	1	5	23.62	23.75	23.51	24	0
1.4	QPSK	3	0	23.60	23.68	23.65		
1.4	QPSK	3	1	23.63	23.55	23.52		
1.4	QPSK	3	3	23.53	23.71	23.38		
1.4	QPSK	6	0	22.58	22.78	22.64	23	1
1.4	16QAM	1	0	22.83	22.92	22.72		
1.4	16QAM	1	3	22.74	22.90	22.77		
1.4	16QAM	1	5	22.83	22.93	22.86	23	1
1.4	16QAM	3	0	22.81	22.86	22.61		
1.4	16QAM	3	1	22.71	22.81	22.63		
1.4	16QAM	3	3	22.81	22.89	22.85		
1.4	16QAM	6	0	21.71	21.72	21.77	22	2
1.4	64QAM	1	0	21.74	21.93	21.83		
1.4	64QAM	1	3	21.86	21.98	21.80		
1.4	64QAM	1	5	21.84	21.95	21.89	22	2
1.4	64QAM	3	0	21.63	21.91	21.69		
1.4	64QAM	3	1	21.85	21.97	21.74		
1.4	64QAM	3	3	21.73	21.88	21.86		
1.4	64QAM	6	0	20.60	20.72	20.76	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.33	24.34	24.27		
20	QPSK	1	49	24.20	24.25	24.19	25	0
20	QPSK	1	99	24.30	24.32	24.26		
20	QPSK	50	0	23.80	23.88	23.87		
20	QPSK	50	24	23.67	23.82	23.68	24	1
20	QPSK	50	50	23.71	23.85	23.73		
20	QPSK	100	0	23.86	23.87	23.80		
20	16QAM	1	0	23.31	23.45	23.30		
20	16QAM	1	49	23.49	23.60	23.58	24	1
20	16QAM	1	99	23.49	23.58	23.57		
20	16QAM	50	0	22.88	22.89	22.74		
20	16QAM	50	24	22.78	22.92	22.80	23	2
20	16QAM	50	50	22.82	22.96	22.86		
20	16QAM	100	0	22.78	22.90	22.86		
20	64QAM	1	0	22.26	22.36	22.35		
20	64QAM	1	49	22.40	22.53	22.39	23	2
20	64QAM	1	99	22.43	22.46	22.33		
20	64QAM	50	0	21.73	21.86	21.74		
20	64QAM	50	24	21.88	21.90	21.85	22	3
20	64QAM	50	50	21.92	21.93	21.89		
20	64QAM	100	0	21.76	21.89	21.84		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.28	24.25	24.14		
15	QPSK	1	37	24.19	24.19	24.07	25	0
15	QPSK	1	74	24.26	24.17	24.18		
15	QPSK	36	0	23.74	23.83	23.75		
15	QPSK	36	20	23.54	23.81	23.53	24	1
15	QPSK	36	39	23.59	23.75	23.68		
15	QPSK	75	0	23.76	23.82	23.72		
15	16QAM	1	0	23.22	23.30	23.20		
15	16QAM	1	37	23.36	23.51	23.49	24	1
15	16QAM	1	74	23.35	23.55	23.42		
15	16QAM	36	0	22.80	22.81	22.64		
15	16QAM	36	20	22.64	22.80	22.78	23	2
15	16QAM	36	39	22.79	22.94	22.79		
15	16QAM	75	0	22.74	22.88	22.76		
15	64QAM	1	0	22.17	22.31	22.29		
15	64QAM	1	37	22.34	22.51	22.36	23	2
15	64QAM	1	74	22.40	22.39	22.22		
15	64QAM	36	0	21.62	21.74	21.67		
15	64QAM	36	20	21.82	21.84	21.73	22	3
15	64QAM	36	39	21.83	21.85	21.74		
15	64QAM	75	0	21.71	21.75	21.71		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.31	24.19	24.17		
10	QPSK	1	25	24.09	24.16	24.10	25	0
10	QPSK	1	49	24.27	24.23	24.11		
10	QPSK	25	0	23.68	23.75	23.78		
10	QPSK	25	12	23.55	23.67	23.60	24	1
10	QPSK	25	25	23.59	23.78	23.71		
10	QPSK	50	0	23.77	23.85	23.74		
10	16QAM	1	0	23.24	23.30	23.21		
10	16QAM	1	25	23.37	23.51	23.55	24	1
10	16QAM	1	49	23.42	23.56	23.48		
10	16QAM	25	0	22.84	22.86	22.67		
10	16QAM	25	12	22.73	22.84	22.67	23	2
10	16QAM	25	25	22.76	22.82	22.83		
10	16QAM	50	0	22.66	22.84	22.71		
10	64QAM	1	0	22.18	22.30	22.22		
10	64QAM	1	25	22.38	22.42	22.28	23	2
10	64QAM	1	49	22.35	22.38	22.30		
10	64QAM	25	0	21.68	21.77	21.67		
10	64QAM	25	12	21.76	21.83	21.77	22	3
10	64QAM	25	25	21.77	21.80	21.77		
10	64QAM	50	0	21.72	21.80	21.75		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.20	24.24	24.24		
5	QPSK	1	12	24.09	24.19	24.06	25	0
5	QPSK	1	24	24.17	24.26	24.19		
5	QPSK	12	0	23.79	23.86	23.80		
5	QPSK	12	7	23.56	23.76	23.57	24	1
5	QPSK	12	13	23.60	23.78	23.67		
5	QPSK	25	0	23.75	23.76	23.79		
5	16QAM	1	0	23.30	23.37	23.21		
5	16QAM	1	12	23.47	23.49	23.43	24	1
5	16QAM	1	24	23.36	23.54	23.51		
5	16QAM	12	0	22.73	22.75	22.61		
5	16QAM	12	7	22.63	22.80	22.78	23	2
5	16QAM	12	13	22.72	22.90	22.71		
5	16QAM	25	0	22.66	22.88	22.81		
5	64QAM	1	0	22.23	22.35	22.33		
5	64QAM	1	12	22.38	22.49	22.36	23	2
5	64QAM	1	24	22.35	22.45	22.27		
5	64QAM	12	0	21.59	21.72	21.71		
5	64QAM	12	7	21.80	21.79	21.73	22	3
5	64QAM	12	13	21.88	21.90	21.78		
5	64QAM	25	0	21.66	21.83	21.70		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.31	24.41	24.31		
20	QPSK	1	49	24.25	24.36	24.24	25	0
20	QPSK	1	99	24.30	24.32	24.30		
20	QPSK	50	0	23.85	23.96	23.86		
20	QPSK	50	24	23.76	23.90	23.83	24	1
20	QPSK	50	50	23.81	23.92	23.82		
20	QPSK	100	0	23.80	23.93	23.81		
20	16QAM	1	0	23.54	23.55	23.54		
20	16QAM	1	49	23.65	23.76	23.69	24	1
20	16QAM	1	99	23.61	23.67	23.52		
20	16QAM	50	0	22.86	22.96	22.89		
20	16QAM	50	24	22.87	23.00	22.90	23	2
20	16QAM	50	50	22.83	22.92	22.84		
20	16QAM	100	0	22.84	22.99	22.85		
20	64QAM	1	0	22.44	22.47	22.36		
20	64QAM	1	49	22.54	22.68	22.64	23	2
20	64QAM	1	99	22.44	22.57	22.42		
20	64QAM	50	0	21.91	21.96	21.95		
20	64QAM	50	24	21.76	21.90	21.86	22	3
20	64QAM	50	50	21.83	21.93	21.83		
20	64QAM	100	0	21.98	21.99	21.98		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.23	24.33	24.17		
15	QPSK	1	37	24.24	24.34	24.15	25	0
15	QPSK	1	74	24.24	24.31	24.19		
15	QPSK	36	0	23.74	23.81	23.77		
15	QPSK	36	20	23.63	23.77	23.76	24	1
15	QPSK	36	39	23.66	23.77	23.77		
15	QPSK	75	0	23.67	23.89	23.79		
15	16QAM	1	0	23.40	23.45	23.50		
15	16QAM	1	37	23.51	23.62	23.68	24	1
15	16QAM	1	74	23.50	23.54	23.37		
15	16QAM	36	0	22.74	22.92	22.87		
15	16QAM	36	20	22.76	22.92	22.78	23	2
15	16QAM	36	39	22.78	22.80	22.76		
15	16QAM	75	0	22.79	22.98	22.80		
15	64QAM	1	0	22.41	22.41	22.21		
15	64QAM	1	37	22.39	22.63	22.50	23	2
15	64QAM	1	74	22.30	22.50	22.28		
15	64QAM	36	0	21.81	21.88	21.88		
15	64QAM	36	20	21.67	21.78	21.85	22	3
15	64QAM	36	39	21.74	21.80	21.73		
15	64QAM	75	0	21.83	21.90	21.93		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.24	24.35	24.26		
10	QPSK	1	25	24.23	24.29	24.11	25	0
10	QPSK	1	49	24.15	24.20	24.28		
10	QPSK	25	0	23.81	23.82	23.73		
10	QPSK	25	12	23.63	23.85	23.74	24	1
10	QPSK	25	25	23.79	23.85	23.68		
10	QPSK	50	0	23.69	23.84	23.73		
10	16QAM	1	0	23.43	23.48	23.40		
10	16QAM	1	25	23.63	23.75	23.65	24	1
10	16QAM	1	49	23.46	23.61	23.49		
10	16QAM	25	0	22.83	22.94	22.84		
10	16QAM	25	12	22.73	22.89	22.86	23	2
10	16QAM	25	25	22.74	22.80	22.82		
10	16QAM	50	0	22.71	22.97	22.77		
10	64QAM	1	0	22.42	22.32	22.33		
10	64QAM	1	25	22.52	22.57	22.63	23	2
10	64QAM	1	49	22.29	22.53	22.37		
10	64QAM	25	0	21.84	21.89	21.82		
10	64QAM	25	12	21.70	21.81	21.77	22	3
10	64QAM	25	25	21.70	21.85	21.78		
10	64QAM	50	0	21.95	21.84	21.89		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.16	24.36	24.16		
5	QPSK	1	12	24.19	24.27	24.17	25	0
5	QPSK	1	24	24.28	24.22	24.15		
5	QPSK	12	0	23.70	23.94	23.79		
5	QPSK	12	7	23.62	23.88	23.74	24	1
5	QPSK	12	13	23.67	23.83	23.74		
5	QPSK	25	0	23.66	23.89	23.66		
5	16QAM	1	0	23.43	23.43	23.50		
5	16QAM	1	12	23.59	23.64	23.54	24	1
5	16QAM	1	24	23.55	23.53	23.45		
5	16QAM	12	0	22.84	22.88	22.82		
5	16QAM	12	7	22.74	22.95	22.88	23	2
5	16QAM	12	13	22.68	22.81	22.74		
5	16QAM	25	0	22.69	22.94	22.75		
5	64QAM	1	0	22.35	22.32	22.30		
5	64QAM	1	12	22.43	22.67	22.60	23	2
5	64QAM	1	24	22.36	22.43	22.33		
5	64QAM	12	0	21.77	21.93	21.84		
5	64QAM	12	7	21.70	21.86	21.74	22	3
5	64QAM	12	13	21.71	21.83	21.77		
5	64QAM	25	0	21.87	21.91	21.97		

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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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.36	21.39	21.32		
20	QPSK	1	49	21.31	21.35	21.20	23	0
20	QPSK	1	99	21.12	21.27	21.22		
20	QPSK	50	0	20.85	20.96	20.87		
20	QPSK	50	24	20.82	20.89	20.83	22	1
20	QPSK	50	50	20.79	20.91	20.76		
20	QPSK	100	0	20.72	20.87	20.84		
20	16QAM	1	0	20.39	20.48	20.38		
20	16QAM	1	49	20.47	20.61	20.57	22	1
20	16QAM	1	99	20.50	20.51	20.46		
20	16QAM	50	0	19.83	19.84	19.82		
20	16QAM	50	24	19.81	19.89	19.78	21	2
20	16QAM	50	50	19.85	19.92	19.80		
20	16QAM	100	0	19.83	19.87	19.73		
20	64QAM	1	0	19.24	19.35	19.30		
20	64QAM	1	49	19.39	19.50	19.48	21	2
20	64QAM	1	99	19.47	19.53	19.39		
20	64QAM	50	0	18.74	18.87	18.76		
20	64QAM	50	24	18.79	18.91	18.88	20	3
20	64QAM	50	50	18.79	18.92	18.90		
20	64QAM	100	0	18.84	18.88	18.84		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.24	21.29	21.17		
15	QPSK	1	37	21.30	21.32	21.17	23	0
15	QPSK	1	74	21.10	21.13	21.15		
15	QPSK	36	0	20.78	20.87	20.81		
15	QPSK	36	20	20.78	20.88	20.82	22	1
15	QPSK	36	39	20.76	20.80	20.71		
15	QPSK	75	0	20.65	20.74	20.81		
15	16QAM	1	0	20.35	20.45	20.30		
15	16QAM	1	37	20.39	20.54	20.51	22	1
15	16QAM	1	74	20.43	20.48	20.42		
15	16QAM	36	0	19.78	19.79	19.81		
15	16QAM	36	20	19.66	19.78	19.65	21	2
15	16QAM	36	39	19.71	19.87	19.67		
15	16QAM	75	0	19.73	19.80	19.60		
15	64QAM	1	0	19.18	19.29	19.24		
15	64QAM	1	37	19.28	19.49	19.38	21	2
15	64QAM	1	74	19.32	19.52	19.28		
15	64QAM	36	0	18.66	18.73	18.67		
15	64QAM	36	20	18.65	18.79	18.79	20	3
15	64QAM	36	39	18.73	18.91	18.76		
15	64QAM	75	0	18.77	18.85	18.71		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.32	21.33	21.21		
10	QPSK	1	25	21.24	21.33	21.07	23	0
10	QPSK	1	49	21.02	21.22	21.09		
10	QPSK	25	0	20.73	20.91	20.72		
10	QPSK	25	12	20.72	20.88	20.69	22	1
10	QPSK	25	25	20.67	20.76	20.71		
10	QPSK	50	0	20.59	20.84	20.69		
10	16QAM	1	0	20.38	20.39	20.32		
10	16QAM	1	25	20.42	20.48	20.54	22	1
10	16QAM	1	49	20.39	20.47	20.43		
10	16QAM	25	0	19.75	19.81	19.67		
10	16QAM	25	12	19.78	19.86	19.70	21	2
10	16QAM	25	25	19.84	19.80	19.78		
10	16QAM	50	0	19.74	19.81	19.72		
10	64QAM	1	0	19.12	19.26	19.24		
10	64QAM	1	25	19.26	19.39	19.36	21	2
10	64QAM	1	49	19.45	19.40	19.29		
10	64QAM	25	0	18.70	18.76	18.64		
10	64QAM	25	12	18.67	18.77	18.79	20	3
10	64QAM	25	25	18.69	18.90	18.86		
10	64QAM	50	0	18.78	18.79	18.83		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.27	21.27	21.22		
5	QPSK	1	12	21.20	21.31	21.12	23	0
5	QPSK	1	24	21.06	21.19	21.19		
5	QPSK	12	0	20.77	20.93	20.80		
5	QPSK	12	7	20.81	20.87	20.78	22	1
5	QPSK	12	13	20.65	20.83	20.70		
5	QPSK	25	0	20.64	20.75	20.83		
5	16QAM	1	0	20.32	20.41	20.36		
5	16QAM	1	12	20.45	20.57	20.55	22	1
5	16QAM	1	24	20.38	20.38	20.45		
5	16QAM	12	0	19.68	19.71	19.78		
5	16QAM	12	7	19.71	19.82	19.67	21	2
5	16QAM	12	13	19.70	19.86	19.67		
5	16QAM	25	0	19.79	19.78	19.65		
5	64QAM	1	0	19.19	19.31	19.26		
5	64QAM	1	12	19.31	19.37	19.41	21	2
5	64QAM	1	24	19.44	19.46	19.24		
5	64QAM	12	0	18.67	18.79	18.64		
5	64QAM	12	7	18.68	18.76	18.83	20	3
5	64QAM	12	13	18.74	18.84	18.75		
5	64QAM	25	0	18.74	18.82	18.69		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.82	23.93	23.87		
10	QPSK	1	25	23.70	23.81	23.63	25	0
10	QPSK	1	49	23.73	23.85	23.67		
10	QPSK	25	0	22.92	22.99	22.96		
10	QPSK	25	12	22.83	22.96	22.93	24	1
10	QPSK	25	25	22.88	22.97	22.83		
10	QPSK	50	0	22.92	22.96	22.88		
10	16QAM	1	0	23.08	23.19	23.07		
10	16QAM	1	25	23.18	23.22	23.16	24	1
10	16QAM	1	49	23.26	23.29	23.14		
10	16QAM	25	0	21.83	21.93	21.90		
10	16QAM	25	12	21.96	21.98	21.89	23	2
10	16QAM	25	25	21.84	21.92	21.86		
10	16QAM	50	0	21.83	21.96	21.85		
10	64QAM	1	0	21.98	22.08	22.01		
10	64QAM	1	25	21.96	22.09	22.01	23	2
10	64QAM	1	49	21.92	22.03	21.90		
10	64QAM	25	0	20.83	20.92	20.78		
10	64QAM	25	12	20.82	20.94	20.82	22	3
10	64QAM	25	25	20.80	20.93	20.85		
10	64QAM	50	0	20.79	20.94	20.79		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.70	23.90	23.86		
5	QPSK	1	12	23.63	23.69	23.52	25	0
5	QPSK	1	24	23.58	23.84	23.60		
5	QPSK	12	0	22.88	22.94	22.92		
5	QPSK	12	7	22.76	22.81	22.80	24	1
5	QPSK	12	13	22.86	22.87	22.69		
5	QPSK	25	0	22.90	22.84	22.86		
5	16QAM	1	0	22.99	23.08	22.96		
5	16QAM	1	12	23.08	23.11	23.15	24	1
5	16QAM	1	24	23.18	23.14	23.08		
5	16QAM	12	0	21.74	21.80	21.87		
5	16QAM	12	7	21.93	21.83	21.88	23	2
5	16QAM	12	13	21.80	21.91	21.81		
5	16QAM	25	0	21.70	21.86	21.72		
5	64QAM	1	0	21.87	22.03	21.93		
5	64QAM	1	12	21.83	21.94	21.88	23	2
5	64QAM	1	24	21.85	21.92	21.86		
5	64QAM	12	0	20.79	20.80	20.69		
5	64QAM	12	7	20.80	20.88	20.77	22	3
5	64QAM	12	13	20.70	20.91	20.78		
5	64QAM	25	0	20.78	20.82	20.70		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.70	23.84	23.82		
3	QPSK	1	8	23.55	23.78	23.56	25	0
3	QPSK	1	14	23.69	23.83	23.66		
3	QPSK	8	0	22.87	22.98	22.90		
3	QPSK	8	4	22.79	22.86	22.91	24	1
3	QPSK	8	7	22.87	22.96	22.81		
3	QPSK	15	0	22.83	22.92	22.75		
3	16QAM	1	0	22.94	23.10	23.04		
3	16QAM	1	8	23.13	23.15	23.06	24	1
3	16QAM	1	14	23.18	23.20	23.11		
3	16QAM	8	0	21.74	21.88	21.80		
3	16QAM	8	4	21.91	21.93	21.83	23	2
3	16QAM	8	7	21.74	21.78	21.72		
3	16QAM	15	0	21.82	21.83	21.74		
3	64QAM	1	0	21.97	22.06	21.97		
3	64QAM	1	8	21.86	22.00	21.89	23	2
3	64QAM	1	14	21.82	21.92	21.80		
3	64QAM	8	0	20.80	20.89	20.66		
3	64QAM	8	4	20.68	20.88	20.77	22	3
3	64QAM	8	7	20.71	20.92	20.80		
3	64QAM	15	0	20.69	20.81	20.78		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.77	23.88	23.75		
1.4	QPSK	1	3	23.62	23.72	23.54		
1.4	QPSK	1	5	23.68	23.82	23.55	25	0
1.4	QPSK	3	0	23.77	23.78	23.79		
1.4	QPSK	3	1	23.66	23.71	23.50		
1.4	QPSK	3	3	23.67	23.74	23.66		
1.4	QPSK	6	0	22.77	22.81	22.81	24	1
1.4	16QAM	1	0	22.97	23.04	23.05		
1.4	16QAM	1	3	23.13	23.18	23.15		
1.4	16QAM	1	5	23.20	23.27	23.12	24	1
1.4	16QAM	3	0	22.86	23.02	22.92		
1.4	16QAM	3	1	23.07	23.15	23.14		
1.4	16QAM	3	3	23.16	23.13	22.97		
1.4	16QAM	6	0	21.81	21.89	21.78	23	2
1.4	64QAM	1	0	21.87	21.99	21.97		
1.4	64QAM	1	3	21.91	22.07	21.99		
1.4	64QAM	1	5	21.88	21.93	21.79	23	2
1.4	64QAM	3	0	21.78	21.97	21.85		
1.4	64QAM	3	1	21.84	21.97	21.85		
1.4	64QAM	3	3	21.77	21.81	21.66		
1.4	64QAM	6	0	20.66	20.82	20.68	22	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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.01	23.19	23.08		
10	QPSK	1	25	22.95	22.97	22.96	24	0
10	QPSK	1	49	22.99	23.06	23.07		
10	QPSK	25	0	22.15	22.26	22.15		
10	QPSK	25	12	22.14	22.19	22.06	23	1
10	QPSK	25	25	22.13	22.23	22.13		
10	QPSK	50	0	22.18	22.23	22.10		
10	16QAM	1	0	22.29	22.39	22.27		
10	16QAM	1	25	22.34	22.48	22.35	23	1
10	16QAM	1	49	22.42	22.53	22.46		
10	16QAM	25	0	21.15	21.19	21.15		
10	16QAM	25	12	21.14	21.16	21.14	22	2
10	16QAM	25	25	21.18	21.21	21.15		
10	16QAM	50	0	21.11	21.23	21.11		
10	64QAM	1	0	21.14	21.29	21.16		
10	64QAM	1	25	21.20	21.30	21.25	22	2
10	64QAM	1	49	21.36	21.39	21.30		
10	64QAM	25	0	20.08	20.18	20.07		
10	64QAM	25	12	20.07	20.16	20.11	21	3
10	64QAM	25	25	20.13	20.21	20.06		
10	64QAM	50	0	20.10	20.21	20.14		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.98	23.16	23.03		
5	QPSK	1	12	22.89	22.82	22.84	24	0
5	QPSK	1	24	22.91	23.05	22.93		
5	QPSK	12	0	22.03	22.24	22.03		
5	QPSK	12	7	22.09	22.16	21.92	23	1
5	QPSK	12	13	22.07	22.13	22.12		
5	QPSK	25	0	22.09	22.10	22.06		
5	16QAM	1	0	22.27	22.38	22.12		
5	16QAM	1	12	22.23	22.39	22.30	23	1
5	16QAM	1	24	22.32	22.50	22.31		
5	16QAM	12	0	21.12	21.14	21.03		
5	16QAM	12	7	21.08	21.10	21.13	22	2
5	16QAM	12	13	21.10	21.12	21.10		
5	16QAM	25	0	21.07	21.17	21.07		
5	64QAM	1	0	21.06	21.20	21.09		
5	64QAM	1	12	21.16	21.17	21.13	22	2
5	64QAM	1	24	21.31	21.26	21.19		
5	64QAM	12	0	20.01	20.17	20.04		
5	64QAM	12	7	20.06	20.14	20.02	21	3
5	64QAM	12	13	20.08	20.18	20.04		
5	64QAM	25	0	20.00	20.06	20.01		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.91	23.07	23.05		
3	QPSK	1	8	22.93	22.87	22.84	24	0
3	QPSK	1	14	22.97	22.95	22.93		
3	QPSK	8	0	22.11	22.18	22.03		
3	QPSK	8	4	22.04	22.05	22.05	23	1
3	QPSK	8	7	22.11	22.14	22.07		
3	QPSK	15	0	22.11	22.13	21.99		
3	16QAM	1	0	22.17	22.32	22.20		
3	16QAM	1	8	22.32	22.44	22.21	23	1
3	16QAM	1	14	22.30	22.44	22.32		
3	16QAM	8	0	21.05	21.11	21.04		
3	16QAM	8	4	21.09	21.06	21.13	22	2
3	16QAM	8	7	21.08	21.15	21.13		
3	16QAM	15	0	21.04	21.14	21.02		
3	64QAM	1	0	21.11	21.18	21.15		
3	64QAM	1	8	21.06	21.27	21.11	22	2
3	64QAM	1	14	21.25	21.31	21.16		
3	64QAM	8	0	19.96	20.16	20.02		
3	64QAM	8	4	19.95	20.15	19.98	21	3
3	64QAM	8	7	19.98	20.12	20.00		
3	64QAM	15	0	20.05	20.18	20.09		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.98	23.11	23.07		
1.4	QPSK	1	3	22.90	22.83	22.89		
1.4	QPSK	1	5	22.88	22.95	23.04	24	0
1.4	QPSK	3	0	22.91	23.13	22.97		
1.4	QPSK	3	1	22.90	22.89	22.82		
1.4	QPSK	3	3	22.92	22.95	22.97		
1.4	QPSK	6	0	22.09	22.20	21.96	23	1
1.4	16QAM	1	0	22.20	22.26	22.13		
1.4	16QAM	1	3	22.26	22.45	22.27		
1.4	16QAM	1	5	22.36	22.41	22.32	23	1
1.4	16QAM	3	0	22.16	22.17	22.08		
1.4	16QAM	3	1	22.11	22.42	22.17		
1.4	16QAM	3	3	22.33	22.28	22.27		
1.4	16QAM	6	0	21.04	21.18	21.02	22	2
1.4	64QAM	1	0	21.09	21.20	21.14		
1.4	64QAM	1	3	21.05	21.28	21.17		
1.4	64QAM	1	5	21.35	21.28	21.22	22	2
1.4	64QAM	3	0	20.98	21.11	21.03		
1.4	64QAM	3	1	21.04	21.24	21.06		
1.4	64QAM	3	3	21.34	21.15	21.09		
1.4	64QAM	6	0	19.96	20.12	20.13	21	3

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		22.66			
10	QPSK	1	25		22.65		23.8	0
10	QPSK	1	49		22.64			
10	QPSK	25	0		21.65			
10	QPSK	25	12		21.64		22.8	1
10	QPSK	25	25		21.64			
10	QPSK	50	0		21.64			
10	16QAM	1	0		21.95			
10	16QAM	1	25		21.95		22.8	1
10	16QAM	1	49		21.92			
10	16QAM	25	0		20.62			
10	16QAM	25	12		20.63		21.8	2
10	16QAM	25	25		20.63			
10	16QAM	50	0		20.63			
10	64QAM	1	0		20.88			
10	64QAM	1	25		20.82		21.8	2
10	64QAM	1	49		20.79			
10	64QAM	25	0		19.62			
10	64QAM	25	12		19.62		20.8	3
10	64QAM	25	25		19.67			
10	64QAM	50	0		19.61			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.54	22.65	22.52		
5	QPSK	1	12	22.55	22.54	22.63	23.8	0
5	QPSK	1	24	22.53	22.61	22.53		
5	QPSK	12	0	21.62	21.57	21.51		
5	QPSK	12	7	21.51	21.52	21.54	22.8	1
5	QPSK	12	13	21.56	21.57	21.61		
5	QPSK	25	0	21.59	21.61	21.50		
5	16QAM	1	0	21.93	21.85	21.92		
5	16QAM	1	12	21.84	21.92	21.82	22.8	1
5	16QAM	1	24	21.87	21.90	21.77		
5	16QAM	12	0	20.56	20.51	20.54		
5	16QAM	12	7	20.61	20.54	20.48	21.8	2
5	16QAM	12	13	20.62	20.57	20.61		
5	16QAM	25	0	20.54	20.54	20.54		
5	64QAM	1	0	20.77	20.77	20.85		
5	64QAM	1	12	20.68	20.67	20.75	21.8	2
5	64QAM	1	24	20.68	20.65	20.65		
5	64QAM	12	0	19.61	19.56	19.49		
5	64QAM	12	7	19.61	19.53	19.50	20.8	3
5	64QAM	12	13	19.63	19.54	19.61		
5	64QAM	25	0	19.57	19.51	19.53		

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		21.89			
10	QPSK	1	25		21.77		22.8	0
10	QPSK	1	49		21.77			
10	QPSK	25	0		20.85			
10	QPSK	25	12		20.81		21.8	1
10	QPSK	25	25		20.79			
10	QPSK	50	0		20.80			
10	16QAM	1	0		21.15			
10	16QAM	1	25		21.12		21.8	1
10	16QAM	1	49		21.12			
10	16QAM	25	0		19.87			
10	16QAM	25	12		19.82		20.8	2
10	16QAM	25	25		19.80			
10	16QAM	50	0		19.82			
10	64QAM	1	0		20.08			
10	64QAM	1	25		20.00		20.8	2
10	64QAM	1	49		19.95			
10	64QAM	25	0		18.83			
10	64QAM	25	12		18.81		19.8	3
10	64QAM	25	25		18.79			
10	64QAM	50	0		18.78			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.80	21.81	21.74		
5	QPSK	1	12	21.66	21.68	21.65	22.8	0
5	QPSK	1	24	21.64	21.65	21.67		
5	QPSK	12	0	20.84	20.73	20.82		
5	QPSK	12	7	20.78	20.72	20.79	21.8	1
5	QPSK	12	13	20.69	20.74	20.75		
5	QPSK	25	0	20.78	20.71	20.67		
5	16QAM	1	0	21.06	21.06	21.00		
5	16QAM	1	12	20.99	20.98	21.02	21.8	1
5	16QAM	1	24	21.07	21.10	21.08		
5	16QAM	12	0	19.81	19.78	19.74		
5	16QAM	12	7	19.80	19.77	19.76	20.8	2
5	16QAM	12	13	19.66	19.67	19.71		
5	16QAM	25	0	19.71	19.70	19.79		
5	64QAM	1	0	20.02	19.94	19.95		
5	64QAM	1	12	19.98	19.90	19.85	20.8	2
5	64QAM	1	24	19.92	19.81	19.93		
5	64QAM	12	0	18.77	18.76	18.73		
5	64QAM	12	7	18.66	18.79	18.66	19.8	3
5	64QAM	12	13	18.66	18.73	18.66		
5	64QAM	25	0	18.72	18.73	18.68		

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	23.76	23.86	23.78		
10	QPSK	1	25	23.65	23.81	23.74	25	0
10	QPSK	1	49	23.75	23.85	23.74		
10	QPSK	25	0	22.91	22.99	22.89		
10	QPSK	25	12	22.80	22.95	22.88	24	1
10	QPSK	25	25	22.78	22.97	22.87		
10	QPSK	50	0	22.86	22.98	22.80		
10	16QAM	1	0	23.13	23.28	23.20		
10	16QAM	1	25	23.18	23.28	23.19	24	1
10	16QAM	1	49	23.28	23.29	23.25		
10	16QAM	25	0	21.86	21.98	21.89		
10	16QAM	25	12	21.84	21.93	21.79	23	2
10	16QAM	25	25	21.90	21.97	21.94		
10	16QAM	50	0	21.90	21.98	21.89		
10	64QAM	1	0	22.06	22.12	22.06		
10	64QAM	1	25	21.98	22.09	22.08	23	2
10	64QAM	1	49	21.99	22.12	22.00		
10	64QAM	25	0	20.91	20.97	20.83		
10	64QAM	25	12	20.86	20.91	20.80	22	3
10	64QAM	25	25	20.87	20.97	20.96		
10	64QAM	50	0	20.90	20.94	20.88		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.74	23.78	23.68		
5	QPSK	1	12	23.61	23.68	23.60	25	0
5	QPSK	1	24	23.60	23.74	23.73		
5	QPSK	12	0	22.83	22.94	22.80		
5	QPSK	12	7	22.77	22.88	22.84	24	1
5	QPSK	12	13	22.65	22.84	22.83		
5	QPSK	25	0	22.78	22.85	22.71		
5	16QAM	1	0	23.09	23.27	23.17		
5	16QAM	1	12	23.15	23.14	23.04	24	1
5	16QAM	1	24	23.18	23.23	23.13		
5	16QAM	12	0	21.78	21.89	21.77		
5	16QAM	12	7	21.78	21.80	21.66	23	2
5	16QAM	12	13	21.84	21.86	21.86		
5	16QAM	25	0	21.76	21.94	21.78		
5	64QAM	1	0	21.92	22.04	21.95		
5	64QAM	1	12	21.88	22.04	21.94	23	2
5	64QAM	1	24	21.97	21.99	21.86		
5	64QAM	12	0	20.87	20.96	20.74		
5	64QAM	12	7	20.83	20.87	20.79	22	3
5	64QAM	12	13	20.72	20.92	20.83		
5	64QAM	25	0	20.79	20.88	20.81		

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	23.03	23.07	22.99		
10	QPSK	1	25	22.85	22.87	22.83	24	0
10	QPSK	1	49	22.85	23.06	22.93		
10	QPSK	25	0	22.21	22.27	22.17		
10	QPSK	25	12	22.00	22.17	22.00	23	1
10	QPSK	25	25	22.07	22.24	22.15		
10	QPSK	50	0	22.19	22.23	22.17		
10	16QAM	1	0	22.47	22.51	22.47		
10	16QAM	1	25	22.40	22.49	22.38	23	1
10	16QAM	1	49	22.35	22.47	22.32		
10	16QAM	25	0	21.05	21.19	21.12		
10	16QAM	25	12	21.02	21.16	21.14	22	2
10	16QAM	25	25	21.11	21.24	21.18		
10	16QAM	50	0	21.09	21.19	21.13		
10	64QAM	1	0	21.34	21.38	21.36		
10	64QAM	1	25	21.29	21.34	21.29	22	2
10	64QAM	1	49	21.33	21.37	21.31		
10	64QAM	25	0	20.14	20.20	20.08		
10	64QAM	25	12	20.08	20.15	20.06	21	3
10	64QAM	25	25	20.15	20.23	20.15		
10	64QAM	50	0	20.11	20.22	20.17		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.90	23.03	22.84		
5	QPSK	1	12	22.71	22.76	22.79	24	0
5	QPSK	1	24	22.79	22.95	22.88		
5	QPSK	12	0	22.18	22.13	22.11		
5	QPSK	12	7	21.95	22.14	21.92	23	1
5	QPSK	12	13	22.04	22.10	22.13		
5	QPSK	25	0	22.16	22.15	22.11		
5	16QAM	1	0	22.38	22.36	22.44		
5	16QAM	1	12	22.34	22.47	22.32	23	1
5	16QAM	1	24	22.24	22.34	22.24		
5	16QAM	12	0	21.03	21.04	21.07		
5	16QAM	12	7	20.88	21.10	21.05	22	2
5	16QAM	12	13	21.02	21.19	21.13		
5	16QAM	25	0	20.97	21.16	21.07		
5	64QAM	1	0	21.20	21.35	21.23		
5	64QAM	1	12	21.25	21.26	21.28	22	2
5	64QAM	1	24	21.29	21.36	21.28		
5	64QAM	12	0	20.13	20.09	20.07		
5	64QAM	12	7	20.05	20.06	19.96	21	3
5	64QAM	12	13	20.08	20.21	20.05		
5	64QAM	25	0	20.08	20.12	20.03		

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	23.90	23.98	23.97		
15	QPSK	1	37	23.89	23.88	23.91	25	0
15	QPSK	1	74	23.81	23.88	23.75		
15	QPSK	36	0	22.83	22.97	22.88		
15	QPSK	36	20	22.80	22.86	22.74	24	1
15	QPSK	36	39	22.81	22.90	22.81		
15	QPSK	75	0	22.92	22.95	22.81		
15	16QAM	1	0	23.12	23.26	23.11		
15	16QAM	1	37	23.21	23.24	23.16	24	1
15	16QAM	1	74	23.18	23.19	23.04		
15	16QAM	36	0	21.95	21.98	21.83		
15	16QAM	36	20	21.86	21.99	21.94	23	2
15	16QAM	36	39	21.91	22.01	21.94		
15	16QAM	75	0	21.98	22.02	21.97		
15	64QAM	1	0	22.00	22.14	21.99		
15	64QAM	1	37	22.14	22.19	22.18	23	2
15	64QAM	1	74	21.97	22.11	22.07		
15	64QAM	36	0	20.90	20.98	20.95		
15	64QAM	36	20	20.98	21.02	20.90	22	3
15	64QAM	36	39	20.95	21.02	20.99		
15	64QAM	75	0	20.99	21.00	20.99		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.84	23.96	23.95		
10	QPSK	1	25	23.88	23.84	23.87	25	0
10	QPSK	1	49	23.68	23.84	23.74		
10	QPSK	25	0	22.82	22.86	22.84		
10	QPSK	25	12	22.78	22.74	22.69	24	1
10	QPSK	25	25	22.76	22.75	22.68		
10	QPSK	50	0	22.78	22.87	22.80		
10	16QAM	1	0	22.99	23.11	22.99		
10	16QAM	1	25	23.17	23.19	23.05	24	1
10	16QAM	1	49	23.07	23.18	22.90		
10	16QAM	25	0	21.87	21.92	21.71		
10	16QAM	25	12	21.78	21.90	21.79	23	2
10	16QAM	25	25	21.83	21.86	21.81		
10	16QAM	50	0	21.93	21.99	21.84		
10	64QAM	1	0	21.85	22.03	21.97		
10	64QAM	1	25	22.13	22.11	22.15	23	2
10	64QAM	1	49	21.82	21.98	22.03		
10	64QAM	25	0	20.83	20.95	20.82		
10	64QAM	25	12	20.92	20.90	20.88	22	3
10	64QAM	25	25	20.85	20.92	20.97		
10	64QAM	50	0	20.96	20.92	20.86		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.89	23.97	23.89		
5	QPSK	1	12	23.76	23.79	23.76	25	0
5	QPSK	1	24	23.69	23.77	23.72		
5	QPSK	12	0	22.79	22.86	22.77		
5	QPSK	12	7	22.68	22.82	22.61	24	1
5	QPSK	12	13	22.74	22.84	22.71		
5	QPSK	25	0	22.86	22.83	22.73		
5	16QAM	1	0	23.09	23.15	23.02		
5	16QAM	1	12	23.12	23.15	23.15	24	1
5	16QAM	1	24	23.13	23.16	22.95		
5	16QAM	12	0	21.93	21.97	21.82		
5	16QAM	12	7	21.77	21.93	21.87	23	2
5	16QAM	12	13	21.86	21.92	21.91		
5	16QAM	25	0	21.97	21.96	21.92		
5	64QAM	1	0	21.91	22.03	21.91		
5	64QAM	1	12	22.09	22.06	22.09	23	2
5	64QAM	1	24	21.87	22.05	21.92		
5	64QAM	12	0	20.85	20.93	20.89		
5	64QAM	12	7	20.83	20.94	20.76	22	3
5	64QAM	12	13	20.87	20.93	20.85		
5	64QAM	25	0	20.96	20.91	20.88		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.82	23.84	23.86		
3	QPSK	1	8	23.80	23.76	23.79	25	0
3	QPSK	1	14	23.66	23.79	23.72		
3	QPSK	8	0	22.69	22.88	22.82		
3	QPSK	8	4	22.73	22.71	22.64	24	1
3	QPSK	8	7	22.74	22.89	22.77		
3	QPSK	15	0	22.80	22.87	22.69		
3	16QAM	1	0	22.98	23.22	23.06		
3	16QAM	1	8	23.06	23.11	23.15	24	1
3	16QAM	1	14	23.16	23.06	22.91		
3	16QAM	8	0	21.83	21.94	21.69		
3	16QAM	8	4	21.82	21.93	21.83	23	2
3	16QAM	8	7	21.90	21.98	21.89		
3	16QAM	15	0	21.92	21.92	21.91		
3	64QAM	1	0	21.99	22.12	21.85		
3	64QAM	1	8	22.04	22.04	22.14	23	2
3	64QAM	1	14	21.84	22.04	22.03		
3	64QAM	8	0	20.85	20.96	20.87		
3	64QAM	8	4	20.97	20.94	20.83	22	3
3	64QAM	8	7	20.84	21.00	20.90		
3	64QAM	15	0	20.85	20.99	20.94		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.83	23.95	23.88		
1.4	QPSK	1	3	23.88	23.78	23.80		
1.4	QPSK	1	5	23.71	23.79	23.68	25	0
1.4	QPSK	3	0	23.81	23.89	23.81		
1.4	QPSK	3	1	23.87	23.73	23.71		
1.4	QPSK	3	3	23.69	23.78	23.56		
1.4	QPSK	6	0	22.91	22.88	22.78	24	1
1.4	16QAM	1	0	23.04	23.22	22.96		
1.4	16QAM	1	3	23.06	23.12	23.08		
1.4	16QAM	1	5	23.16	23.13	22.97	24	1
1.4	16QAM	3	0	22.91	23.19	22.92		
1.4	16QAM	3	1	23.00	23.09	22.94		
1.4	16QAM	3	3	23.12	23.06	22.95		
1.4	16QAM	6	0	21.90	21.91	21.86	23	2
1.4	64QAM	1	0	21.86	22.13	21.96		
1.4	64QAM	1	3	22.00	22.12	22.04		
1.4	64QAM	1	5	21.82	21.96	21.94	23	2
1.4	64QAM	3	0	21.73	22.03	21.91		
1.4	64QAM	3	1	21.99	22.02	21.96		
1.4	64QAM	3	3	21.74	21.81	21.90		
1.4	64QAM	6	0	20.84	20.95	20.92	22	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.76	22.85	22.82		
15	QPSK	1	37	22.64	22.79	22.72	24	0
15	QPSK	1	74	22.57	22.70	22.55		
15	QPSK	36	0	21.67	21.77	21.65		
15	QPSK	36	20	21.64	21.67	21.56	23	1
15	QPSK	36	39	21.64	21.70	21.65		
15	QPSK	75	0	21.64	21.75	21.73		
15	16QAM	1	0	21.94	22.02	22.01		
15	16QAM	1	37	21.92	22.04	21.95	23	1
15	16QAM	1	74	21.90	21.95	21.86		
15	16QAM	36	0	20.68	20.80	20.70		
15	16QAM	36	20	20.72	20.81	20.68	22	2
15	16QAM	36	39	20.79	20.81	20.78		
15	16QAM	75	0	20.75	20.83	20.82		
15	64QAM	1	0	20.87	20.92	20.80		
15	64QAM	1	37	20.85	20.95	20.83	22	2
15	64QAM	1	74	20.81	20.90	20.83		
15	64QAM	36	0	19.67	19.82	19.69		
15	64QAM	36	20	19.79	19.82	19.81	21	3
15	64QAM	36	39	19.78	19.82	19.79		
15	64QAM	75	0	19.69	19.82	19.77		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.65	22.74	22.81		
10	QPSK	1	25	22.52	22.68	22.70	24	0
10	QPSK	1	49	22.56	22.66	22.40		
10	QPSK	25	0	21.62	21.72	21.53		
10	QPSK	25	12	21.60	21.64	21.53	23	1
10	QPSK	25	25	21.59	21.66	21.62		
10	QPSK	50	0	21.51	21.72	21.71		
10	16QAM	1	0	21.84	22.01	21.92		
10	16QAM	1	25	21.77	21.89	21.85	23	1
10	16QAM	1	49	21.82	21.89	21.71		
10	16QAM	25	0	20.54	20.66	20.62		
10	16QAM	25	12	20.58	20.74	20.60	22	2
10	16QAM	25	25	20.78	20.80	20.75		
10	16QAM	50	0	20.67	20.72	20.71		
10	64QAM	1	0	20.75	20.88	20.71		
10	64QAM	1	25	20.73	20.82	20.77	22	2
10	64QAM	1	49	20.77	20.88	20.69		
10	64QAM	25	0	19.65	19.73	19.59		
10	64QAM	25	12	19.69	19.70	19.77	21	3
10	64QAM	25	25	19.70	19.81	19.71		
10	64QAM	50	0	19.54	19.79	19.68		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.73	22.84	22.76		
5	QPSK	1	12	22.60	22.64	22.61	24	0
5	QPSK	1	24	22.46	22.67	22.43		
5	QPSK	12	0	21.58	21.69	21.61		
5	QPSK	12	7	21.60	21.59	21.55	23	1
5	QPSK	12	13	21.50	21.64	21.52		
5	QPSK	25	0	21.61	21.63	21.61		
5	16QAM	1	0	21.82	22.00	21.87		
5	16QAM	1	12	21.82	21.92	21.94	23	1
5	16QAM	1	24	21.76	21.84	21.82		
5	16QAM	12	0	20.63	20.66	20.55		
5	16QAM	12	7	20.68	20.72	20.58	22	2
5	16QAM	12	13	20.75	20.69	20.71		
5	16QAM	25	0	20.74	20.77	20.75		
5	64QAM	1	0	20.79	20.80	20.77		
5	64QAM	1	12	20.77	20.80	20.70	22	2
5	64QAM	1	24	20.67	20.88	20.75		
5	64QAM	12	0	19.66	19.81	19.63		
5	64QAM	12	7	19.70	19.81	19.73	21	3
5	64QAM	12	13	19.72	19.71	19.71		
5	64QAM	25	0	19.62	19.69	19.73		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.75	22.79	22.75		
3	QPSK	1	8	22.55	22.70	22.65	24	0
3	QPSK	1	14	22.50	22.68	22.54		
3	QPSK	8	0	21.61	21.66	21.51		
3	QPSK	8	4	21.52	21.53	21.43	23	1
3	QPSK	8	7	21.51	21.65	21.56		
3	QPSK	15	0	21.62	21.66	21.66		
3	16QAM	1	0	21.83	21.98	21.92		
3	16QAM	1	8	21.78	21.92	21.80	23	1
3	16QAM	1	14	21.82	21.80	21.71		
3	16QAM	8	0	20.61	20.75	20.69		
3	16QAM	8	4	20.59	20.80	20.54	22	2
3	16QAM	8	7	20.72	20.66	20.69		
3	16QAM	15	0	20.61	20.72	20.67		
3	64QAM	1	0	20.77	20.77	20.74		
3	64QAM	1	8	20.78	20.87	20.80	22	2
3	64QAM	1	14	20.76	20.78	20.68		
3	64QAM	8	0	19.58	19.74	19.66		
3	64QAM	8	4	19.65	19.73	19.74	21	3
3	64QAM	8	7	19.72	19.70	19.69		
3	64QAM	15	0	19.62	19.67	19.70		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.61	22.73	22.74		
1.4	QPSK	1	3	22.54	22.72	22.68		
1.4	QPSK	1	5	22.43	22.55	22.47	24	0
1.4	QPSK	3	0	22.53	22.71	22.67		
1.4	QPSK	3	1	22.42	22.57	22.55		
1.4	QPSK	3	3	22.30	22.50	22.46		
1.4	QPSK	6	0	21.59	21.62	21.61	23	1
1.4	16QAM	1	0	21.84	21.97	21.87		
1.4	16QAM	1	3	21.85	22.01	21.81		
1.4	16QAM	1	5	21.87	21.90	21.80	23	1
1.4	16QAM	3	0	21.82	21.94	21.85		
1.4	16QAM	3	1	21.75	21.88	21.67		
1.4	16QAM	3	3	21.76	21.82	21.77		
1.4	16QAM	6	0	20.73	20.72	20.75	22	2
1.4	64QAM	1	0	20.82	20.86	20.67		
1.4	64QAM	1	3	20.72	20.84	20.74		
1.4	64QAM	1	5	20.73	20.77	20.73	22	2
1.4	64QAM	3	0	20.70	20.73	20.63		
1.4	64QAM	3	1	20.66	20.78	20.64		
1.4	64QAM	3	3	20.72	20.68	20.64		
1.4	64QAM	6	0	19.66	19.74	19.75	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.95	23.97	23.93		
20	QPSK	1	49	23.87	23.89	23.80	25	0
20	QPSK	1	99	23.70	23.82	23.67		
20	QPSK	50	0	23.43	23.48	23.47		
20	QPSK	50	24	23.32	23.44	23.38	24	1
20	QPSK	50	50	23.25	23.34	23.30		
20	QPSK	100	0	23.25	23.40	23.26		
20	16QAM	1	0	23.43	23.49	23.41		
20	16QAM	1	49	23.59	23.60	23.57	24	1
20	16QAM	1	99	23.53	23.61	23.46		
20	16QAM	50	0	22.46	22.47	22.41		
20	16QAM	50	24	22.31	22.41	22.37	23	2
20	16QAM	50	50	22.27	22.31	22.28		
20	16QAM	100	0	22.30	22.37	22.29		
20	64QAM	1	0	22.55	22.60	22.55		
20	64QAM	1	49	22.53	22.55	22.50	23	2
20	64QAM	1	99	22.47	22.52	22.42		
20	64QAM	50	0	21.45	21.46	21.31		
20	64QAM	50	24	21.37	21.43	21.36	22	3
20	64QAM	50	50	21.24	21.31	21.20		
20	64QAM	100	0	21.24	21.37	21.23		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.80	23.86	23.88		
15	QPSK	1	37	23.86	23.77	23.72	25	0
15	QPSK	1	74	23.59	23.70	23.62		
15	QPSK	36	0	23.34	23.38	23.46		
15	QPSK	36	20	23.19	23.38	23.23	24	1
15	QPSK	36	39	23.10	23.27	23.18		
15	QPSK	75	0	23.22	23.34	23.13		
15	16QAM	1	0	23.39	23.38	23.37		
15	16QAM	1	37	23.56	23.48	23.51	24	1
15	16QAM	1	74	23.51	23.59	23.44		
15	16QAM	36	0	22.45	22.40	22.32		
15	16QAM	36	20	22.30	22.26	22.31	23	2
15	16QAM	36	39	22.12	22.23	22.26		
15	16QAM	75	0	22.27	22.24	22.14		
15	64QAM	1	0	22.54	22.59	22.48		
15	64QAM	1	37	22.41	22.44	22.47	23	2
15	64QAM	1	74	22.36	22.43	22.30		
15	64QAM	36	0	21.36	21.37	21.27		
15	64QAM	36	20	21.24	21.40	21.29	22	3
15	64QAM	36	39	21.13	21.22	21.19		
15	64QAM	75	0	21.16	21.27	21.20		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.80	23.94	23.90		
10	QPSK	1	25	23.72	23.84	23.68	25	0
10	QPSK	1	49	23.58	23.81	23.57		
10	QPSK	25	0	23.29	23.34	23.45		
10	QPSK	25	12	23.21	23.39	23.30	24	1
10	QPSK	25	25	23.16	23.33	23.25		
10	QPSK	50	0	23.15	23.36	23.13		
10	16QAM	1	0	23.37	23.39	23.32		
10	16QAM	1	25	23.52	23.45	23.49	24	1
10	16QAM	1	49	23.48	23.47	23.32		
10	16QAM	25	0	22.38	22.40	22.30		
10	16QAM	25	12	22.20	22.26	22.32	23	2
10	16QAM	25	25	22.13	22.23	22.25		
10	16QAM	50	0	22.15	22.25	22.20		
10	64QAM	1	0	22.49	22.46	22.54		
10	64QAM	1	25	22.44	22.46	22.40	23	2
10	64QAM	1	49	22.37	22.46	22.37		
10	64QAM	25	0	21.30	21.40	21.27		
10	64QAM	25	12	21.32	21.33	21.29	22	3
10	64QAM	25	25	21.14	21.25	21.06		
10	64QAM	50	0	21.19	21.31	21.20		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.84	23.89	23.83		
5	QPSK	1	12	23.78	23.81	23.72	25	0
5	QPSK	1	24	23.66	23.71	23.54		
5	QPSK	12	0	23.37	23.41	23.43		
5	QPSK	12	7	23.28	23.33	23.26	24	1
5	QPSK	12	13	23.23	23.24	23.26		
5	QPSK	25	0	23.23	23.38	23.19		
5	16QAM	1	0	23.37	23.40	23.37		
5	16QAM	1	12	23.52	23.57	23.47	24	1
5	16QAM	1	24	23.47	23.50	23.44		
5	16QAM	12	0	22.37	22.43	22.32		
5	16QAM	12	7	22.16	22.32	22.31	23	2
5	16QAM	12	13	22.25	22.16	22.26		
5	16QAM	25	0	22.25	22.28	22.17		
5	64QAM	1	0	22.41	22.56	22.53		
5	64QAM	1	12	22.40	22.43	22.44	23	2
5	64QAM	1	24	22.33	22.41	22.27		
5	64QAM	12	0	21.35	21.42	21.30		
5	64QAM	12	7	21.35	21.39	21.26	22	3
5	64QAM	12	13	21.14	21.22	21.11		
5	64QAM	25	0	21.09	21.36	21.19		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.87	23.92	23.90		
3	QPSK	1	8	23.86	23.84	23.72	25	0
3	QPSK	1	14	23.64	23.80	23.54		
3	QPSK	8	0	23.37	23.41	23.33		
3	QPSK	8	4	23.17	23.33	23.27	24	1
3	QPSK	8	7	23.13	23.19	23.18		
3	QPSK	15	0	23.15	23.28	23.24		
3	16QAM	1	0	23.32	23.40	23.37		
3	16QAM	1	8	23.46	23.53	23.43	24	1
3	16QAM	1	14	23.51	23.58	23.33		
3	16QAM	8	0	22.32	22.36	22.26		
3	16QAM	8	4	22.16	22.39	22.26	23	2
3	16QAM	8	7	22.17	22.28	22.25		
3	16QAM	15	0	22.23	22.23	22.19		
3	64QAM	1	0	22.42	22.57	22.54		
3	64QAM	1	8	22.43	22.45	22.36	23	2
3	64QAM	1	14	22.41	22.45	22.39		
3	64QAM	8	0	21.41	21.34	21.17		
3	64QAM	8	4	21.33	21.31	21.31	22	3
3	64QAM	8	7	21.23	21.22	21.12		
3	64QAM	15	0	21.11	21.26	21.13		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.82	23.90	23.80		
1.4	QPSK	1	3	23.74	23.88	23.79		
1.4	QPSK	1	5	23.62	23.71	23.53	25	0
1.4	QPSK	3	0	23.69	23.89	23.79		
1.4	QPSK	3	1	23.62	23.84	23.77		
1.4	QPSK	3	3	23.60	23.67	23.49		
1.4	QPSK	6	0	23.10	23.32	23.11	24	1
1.4	16QAM	1	0	23.41	23.38	23.26		
1.4	16QAM	1	3	23.48	23.59	23.48		
1.4	16QAM	1	5	23.47	23.56	23.36	24	1
1.4	16QAM	3	0	23.31	23.24	23.22		
1.4	16QAM	3	1	23.35	23.51	23.33		
1.4	16QAM	3	3	23.35	23.52	23.32		
1.4	16QAM	6	0	22.20	22.25	22.27	23	2
1.4	64QAM	1	0	22.52	22.54	22.54		
1.4	64QAM	1	3	22.38	22.49	22.45		
1.4	64QAM	1	5	22.41	22.50	22.39	23	2
1.4	64QAM	3	0	22.41	22.45	22.52		
1.4	64QAM	3	1	22.25	22.44	22.33		
1.4	64QAM	3	3	22.33	22.45	22.38		
1.4	64QAM	6	0	21.16	21.24	21.20	22	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.19	24.47	24.21		
20	QPSK	1	49	24.01	24.16	23.95	25	0
20	QPSK	1	99	24.18	24.20	24.10		
20	QPSK	50	0	23.32	23.35	23.30		
20	QPSK	50	24	23.18	23.29	23.21	24	1
20	QPSK	50	50	23.12	23.19	23.06		
20	QPSK	100	0	23.22	23.26	23.21		
20	16QAM	1	0	23.53	23.56	23.51		
20	16QAM	1	49	23.55	23.57	23.50	24	1
20	16QAM	1	99	23.30	23.45	23.44		
20	16QAM	50	0	22.27	22.35	22.26		
20	16QAM	50	24	22.19	22.30	22.19	23	2
20	16QAM	50	50	22.07	22.22	22.08		
20	16QAM	100	0	22.17	22.28	22.23		
20	64QAM	1	0	22.48	22.55	22.42		
20	64QAM	1	49	22.24	22.38	22.27	23	2
20	64QAM	1	99	22.26	22.40	22.39		
20	64QAM	50	0	21.30	21.33	21.21		
20	64QAM	50	24	21.28	21.30	21.15	22	3
20	64QAM	50	50	21.13	21.23	21.10		
20	64QAM	100	0	21.13	21.28	21.15		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.10	24.21	24.20		
15	QPSK	1	37	24.00	24.04	23.81	25	0
15	QPSK	1	74	24.16	24.06	23.98		
15	QPSK	36	0	23.31	23.26	23.17		
15	QPSK	36	20	23.16	23.22	23.09	24	1
15	QPSK	36	39	23.06	23.05	23.05		
15	QPSK	75	0	23.08	23.24	23.06		
15	16QAM	1	0	23.39	23.44	23.37		
15	16QAM	1	37	23.42	23.43	23.43	24	1
15	16QAM	1	74	23.17	23.41	23.41		
15	16QAM	36	0	22.21	22.34	22.23		
15	16QAM	36	20	22.17	22.24	22.06	23	2
15	16QAM	36	39	21.94	22.19	22.03		
15	16QAM	75	0	22.11	22.27	22.12		
15	64QAM	1	0	22.35	22.49	22.34		
15	64QAM	1	37	22.10	22.37	22.16	23	2
15	64QAM	1	74	22.19	22.31	22.30		
15	64QAM	36	0	21.21	21.18	21.18		
15	64QAM	36	20	21.14	21.15	21.02	22	3
15	64QAM	36	39	21.07	21.13	20.97		
15	64QAM	75	0	21.09	21.16	21.12		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.05	24.13	24.09		
10	QPSK	1	25	24.00	24.07	23.84	25	0
10	QPSK	1	49	24.14	24.05	24.04		
10	QPSK	25	0	23.17	23.20	23.28		
10	QPSK	25	12	23.03	23.20	23.17	24	1
10	QPSK	25	25	23.06	23.12	22.95		
10	QPSK	50	0	23.21	23.11	23.08		
10	16QAM	1	0	23.39	23.53	23.49		
10	16QAM	1	25	23.40	23.52	23.41	24	1
10	16QAM	1	49	23.25	23.31	23.31		
10	16QAM	25	0	22.26	22.31	22.18		
10	16QAM	25	12	22.10	22.28	22.17	23	2
10	16QAM	25	25	21.99	22.14	22.00		
10	16QAM	50	0	22.11	22.16	22.09		
10	64QAM	1	0	22.46	22.53	22.30		
10	64QAM	1	25	22.13	22.32	22.24	23	2
10	64QAM	1	49	22.16	22.27	22.26		
10	64QAM	25	0	21.29	21.28	21.07		
10	64QAM	25	12	21.21	21.15	21.02	22	3
10	64QAM	25	25	21.06	21.08	20.97		
10	64QAM	50	0	21.04	21.15	21.09		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.15	24.19	24.19		
5	QPSK	1	12	23.88	24.04	23.86	25	0
5	QPSK	1	24	24.08	24.09	23.96		
5	QPSK	12	0	23.19	23.23	23.24		
5	QPSK	12	7	23.17	23.19	23.06	24	1
5	QPSK	12	13	22.99	23.15	22.92		
5	QPSK	25	0	23.12	23.19	23.13		
5	16QAM	1	0	23.48	23.46	23.39		
5	16QAM	1	12	23.47	23.48	23.35	24	1
5	16QAM	1	24	23.20	23.40	23.32		
5	16QAM	12	0	22.26	22.32	22.23		
5	16QAM	12	7	22.08	22.21	22.18	23	2
5	16QAM	12	13	22.01	22.12	21.97		
5	16QAM	25	0	22.08	22.24	22.10		
5	64QAM	1	0	22.35	22.47	22.36		
5	64QAM	1	12	22.15	22.29	22.13	23	2
5	64QAM	1	24	22.23	22.33	22.28		
5	64QAM	12	0	21.22	21.25	21.06		
5	64QAM	12	7	21.17	21.18	21.10	22	3
5	64QAM	12	13	20.99	21.12	20.99		
5	64QAM	25	0	21.09	21.19	21.10		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.15	24.24	24.16		
3	QPSK	1	8	24.00	24.01	23.87	25	0
3	QPSK	1	14	24.12	24.16	24.07		
3	QPSK	8	0	23.31	23.26	23.16		
3	QPSK	8	4	23.15	23.25	23.17	24	1
3	QPSK	8	7	22.97	23.06	23.01		
3	QPSK	15	0	23.13	23.19	23.08		
3	16QAM	1	0	23.48	23.53	23.40		
3	16QAM	1	8	23.43	23.56	23.46	24	1
3	16QAM	1	14	23.26	23.36	23.39		
3	16QAM	8	0	22.23	22.32	22.15		
3	16QAM	8	4	22.15	22.26	22.15	23	2
3	16QAM	8	7	21.97	22.14	22.03		
3	16QAM	15	0	22.15	22.20	22.08		
3	64QAM	1	0	22.40	22.51	22.41		
3	64QAM	1	8	22.15	22.27	22.23	23	2
3	64QAM	1	14	22.20	22.29	22.25		
3	64QAM	8	0	21.23	21.29	21.14		
3	64QAM	8	4	21.15	21.19	21.14	22	3
3	64QAM	8	7	21.02	21.19	21.09		
3	64QAM	15	0	21.07	21.15	21.01		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.07	24.15	24.18		
1.4	QPSK	1	3	23.99	24.11	23.90		
1.4	QPSK	1	5	24.05	24.14	24.06	25	0
1.4	QPSK	3	0	23.93	24.07	24.04		
1.4	QPSK	3	1	23.91	24.09	23.88		
1.4	QPSK	3	3	24.01	24.13	24.04		
1.4	QPSK	6	0	23.18	23.20	23.13	24	1
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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.36	22.47	22.22		
20	QPSK	1	49	22.07	22.21	22.16	23	0
20	QPSK	1	99	21.99	22.11	22.08		
20	QPSK	50	0	21.27	21.29	21.23		
20	QPSK	50	24	21.17	21.24	21.21	22	1
20	QPSK	50	50	21.14	21.15	21.14		
20	QPSK	100	0	21.21	21.22	21.07		
20	16QAM	1	0	21.58	21.64	21.56		
20	16QAM	1	49	21.42	21.49	21.41	22	1
20	16QAM	1	99	21.26	21.40	21.32		
20	16QAM	50	0	20.24	20.27	20.18		
20	16QAM	50	24	20.16	20.27	20.21	21	2
20	16QAM	50	50	20.03	20.18	20.11		
20	16QAM	100	0	20.16	20.24	20.09		
20	64QAM	1	0	20.53	20.56	20.49		
20	64QAM	1	49	20.31	20.38	20.23	21	2
20	64QAM	1	99	20.21	20.28	20.27		
20	64QAM	50	0	19.28	19.31	19.30		
20	64QAM	50	24	19.27	19.29	19.23	20	3
20	64QAM	50	50	19.09	19.18	19.17		
20	64QAM	100	0	19.21	19.24	19.10		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.26	22.24	22.07		
15	QPSK	1	37	21.92	22.17	22.10	23	0
15	QPSK	1	74	21.89	21.98	21.99		
15	QPSK	36	0	21.14	21.25	21.13		
15	QPSK	36	20	21.02	21.22	21.09	22	1
15	QPSK	36	39	21.11	21.05	21.05		
15	QPSK	75	0	21.11	21.15	20.95		
15	16QAM	1	0	21.54	21.63	21.54		
15	16QAM	1	37	21.31	21.46	21.37	22	1
15	16QAM	1	74	21.23	21.36	21.17		
15	16QAM	36	0	20.17	20.22	20.05		
15	16QAM	36	20	20.02	20.17	20.12	21	2
15	16QAM	36	39	19.91	20.06	20.08		
15	16QAM	75	0	20.02	20.20	19.98		
15	64QAM	1	0	20.38	20.51	20.39		
15	64QAM	1	37	20.20	20.27	20.08	21	2
15	64QAM	1	74	20.16	20.14	20.24		
15	64QAM	36	0	19.21	19.21	19.21		
15	64QAM	36	20	19.13	19.20	19.18	20	3
15	64QAM	36	39	19.03	19.16	19.04		
15	64QAM	75	0	19.14	19.16	18.99		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.29	22.23	22.17		
10	QPSK	1	25	21.95	22.14	22.01	23	0
10	QPSK	1	49	21.89	21.96	21.97		
10	QPSK	25	0	21.26	21.17	21.12		
10	QPSK	25	12	21.15	21.11	21.15	22	1
10	QPSK	25	25	21.10	21.07	21.02		
10	QPSK	50	0	21.15	21.11	20.95		
10	16QAM	1	0	21.51	21.55	21.44		
10	16QAM	1	25	21.30	21.48	21.34	22	1
10	16QAM	1	49	21.20	21.31	21.29		
10	16QAM	25	0	20.17	20.13	20.06		
10	16QAM	25	12	20.09	20.26	20.08	21	2
10	16QAM	25	25	19.95	20.04	20.01		
10	16QAM	50	0	20.15	20.18	20.08		
10	64QAM	1	0	20.39	20.48	20.35		
10	64QAM	1	25	20.22	20.31	20.18	21	2
10	64QAM	1	49	20.06	20.16	20.17		
10	64QAM	25	0	19.21	19.21	19.25		
10	64QAM	25	12	19.20	19.23	19.12	20	3
10	64QAM	25	25	19.07	19.09	19.12		
10	64QAM	50	0	19.08	19.22	18.98		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.25	22.27	22.12		
5	QPSK	1	12	22.02	22.08	22.13	23	0
5	QPSK	1	24	21.87	22.09	22.03		
5	QPSK	12	0	21.17	21.27	21.19		
5	QPSK	12	7	21.05	21.18	21.15	22	1
5	QPSK	12	13	21.09	21.02	21.01		
5	QPSK	25	0	21.17	21.13	20.92		
5	16QAM	1	0	21.50	21.54	21.46		
5	16QAM	1	12	21.32	21.47	21.32	22	1
5	16QAM	1	24	21.22	21.29	21.19		
5	16QAM	12	0	20.16	20.19	20.16		
5	16QAM	12	7	20.11	20.16	20.17	21	2
5	16QAM	12	13	19.94	20.06	20.03		
5	16QAM	25	0	20.14	20.20	19.94		
5	64QAM	1	0	20.41	20.47	20.48		
5	64QAM	1	12	20.22	20.34	20.17	21	2
5	64QAM	1	24	20.19	20.18	20.15		
5	64QAM	12	0	19.20	19.30	19.15		
5	64QAM	12	7	19.22	19.18	19.19	20	3
5	64QAM	12	13	18.97	19.03	19.08		
5	64QAM	25	0	19.19	19.21	19.06		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.30	22.27	22.17		
3	QPSK	1	8	21.96	22.10	22.02	23	0
3	QPSK	1	14	21.86	21.96	22.04		
3	QPSK	8	0	21.19	21.28	21.18		
3	QPSK	8	4	21.16	21.23	21.17	22	1
3	QPSK	8	7	21.09	21.14	21.09		
3	QPSK	15	0	21.08	21.14	20.95		
3	16QAM	1	0	21.43	21.58	21.53		
3	16QAM	1	8	21.32	21.46	21.39	22	1
3	16QAM	1	14	21.13	21.38	21.21		
3	16QAM	8	0	20.23	20.12	20.03		
3	16QAM	8	4	20.09	20.12	20.06	21	2
3	16QAM	8	7	19.90	20.04	19.97		
3	16QAM	15	0	20.02	20.23	20.02		
3	64QAM	1	0	20.44	20.44	20.40		
3	64QAM	1	8	20.20	20.26	20.12	21	2
3	64QAM	1	14	20.15	20.18	20.13		
3	64QAM	8	0	19.17	19.28	19.21		
3	64QAM	8	4	19.15	19.19	19.12	20	3
3	64QAM	8	7	19.08	19.15	19.02		
3	64QAM	15	0	19.08	19.23	18.97		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.30	22.26	22.15		
1.4	QPSK	1	3	22.06	22.19	22.14		
1.4	QPSK	1	5	21.92	22.00	21.93	23	0
1.4	QPSK	3	0	22.16	22.19	22.05		
1.4	QPSK	3	1	21.97	22.09	22.02		
1.4	QPSK	3	3	21.84	21.93	21.87		
1.4	QPSK	6	0	21.10	21.10	21.06	22	1
1.4	16QAM	1	0	21.47	21.62	21.44		
1.4	16QAM	1	3	21.38	21.48	21.30		
1.4	16QAM	1	5	21.22	21.30	21.19	22	1
1.4	16QAM	3	0	21.38	21.51	21.37		
1.4	16QAM	3	1	21.25	21.40	21.20		
1.4	16QAM	3	3	21.18	21.18	21.06		
1.4	16QAM	6	0	20.08	20.22	19.99	21	2
1.4	64QAM	1	0	20.48	20.53	20.37		
1.4	64QAM	1	3	20.25	20.37	20.08		
1.4	64QAM	1	5	20.13	20.22	20.22	21	2
1.4	64QAM	3	0	20.45	20.45	20.27		
1.4	64QAM	3	1	20.16	20.28	20.01		
1.4	64QAM	3	3	20.07	20.14	20.21		
1.4	64QAM	6	0	19.12	19.12	19.05	20	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	24.44	24.47	24.46	25	0
20	QPSK	1	49	24.37	24.44	24.33		
20	QPSK	1	99	24.33	24.38	24.32		
20	QPSK	50	0	23.43	23.50	23.45	24	1
20	QPSK	50	24	23.34	23.44	23.40		
20	QPSK	50	50	23.40	23.48	23.37		
20	QPSK	100	0	23.31	23.40	23.26		
20	16QAM	1	0	23.42	23.45	23.36	24	1
20	16QAM	1	49	23.37	23.45	23.30		
20	16QAM	1	99	23.44	23.53	23.45		
20	16QAM	50	0	22.29	22.37	22.35	23	2
20	16QAM	50	24	22.46	22.47	22.40		
20	16QAM	50	50	22.37	22.44	22.33		
20	16QAM	100	0	22.34	22.48	22.46		
20	64QAM	1	0	21.85	21.96	21.95	23	2
20	64QAM	1	49	22.56	22.70	22.55		
20	64QAM	1	99	22.14	22.22	22.20		
20	64QAM	50	0	21.38	21.42	21.39	22	3
20	64QAM	50	24	21.43	21.45	21.31		
20	64QAM	50	50	21.34	21.44	21.42		
20	64QAM	100	0	21.33	21.43	21.41		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.40	24.39	24.43	25	0
15	QPSK	1	37	24.28	24.32	24.18		
15	QPSK	1	74	24.27	24.29	24.26		
15	QPSK	36	0	23.42	23.40	23.35	24	1
15	QPSK	36	20	23.20	23.30	23.39		
15	QPSK	36	39	23.30	23.33	23.32		
15	QPSK	75	0	23.26	23.37	23.13		
15	16QAM	1	0	23.31	23.37	23.26	24	1
15	16QAM	1	37	23.31	23.35	23.29		
15	16QAM	1	74	23.39	23.41	23.39		
15	16QAM	36	0	22.14	22.22	22.26	23	2
15	16QAM	36	20	22.40	22.41	22.28		
15	16QAM	36	39	22.29	22.31	22.23		
15	16QAM	75	0	22.26	22.40	22.39		
15	64QAM	1	0	21.84	21.86	21.88	23	2
15	64QAM	1	37	22.48	22.55	22.45		
15	64QAM	1	74	22.03	22.14	22.13		
15	64QAM	36	0	21.29	21.36	21.29	22	3
15	64QAM	36	20	21.31	21.40	21.17		
15	64QAM	36	39	21.23	21.30	21.35		
15	64QAM	75	0	21.25	21.42	21.39		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.43	24.32	24.31	25	0
10	QPSK	1	25	24.33	24.37	24.30		
10	QPSK	1	49	24.18	24.25	24.17		
10	QPSK	25	0	23.32	23.37	23.38	24	1
10	QPSK	25	12	23.33	23.40	23.28		
10	QPSK	25	25	23.35	23.42	23.27		
10	QPSK	50	0	23.22	23.36	23.23		
10	16QAM	1	0	23.38	23.33	23.26	24	1
10	16QAM	1	25	23.22	23.37	23.29		
10	16QAM	1	49	23.42	23.52	23.37		
10	16QAM	25	0	22.22	22.24	22.20	23	2
10	16QAM	25	12	22.32	22.41	22.37		
10	16QAM	25	25	22.28	22.35	22.23		
10	16QAM	50	0	22.33	22.44	22.45		
10	64QAM	1	0	21.82	21.88	21.90	23	2
10	64QAM	1	25	22.50	22.59	22.43		
10	64QAM	1	49	21.99	22.19	22.10		
10	64QAM	25	0	21.33	21.38	21.29	22	3
10	64QAM	25	12	21.32	21.38	21.29		
10	64QAM	25	25	21.20	21.37	21.36		
10	64QAM	50	0	21.19	21.32	21.38		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.30	24.35	24.45	25	0
5	QPSK	1	12	24.28	24.38	24.25		
5	QPSK	1	24	24.32	24.28	24.28		
5	QPSK	12	0	23.42	23.44	23.33	24	1
5	QPSK	12	7	23.32	23.35	23.30		
5	QPSK	12	13	23.38	23.46	23.25		
5	QPSK	25	0	23.16	23.27	23.17		
5	16QAM	1	0	23.30	23.41	23.35	24	1
5	16QAM	1	12	23.28	23.30	23.26		
5	16QAM	1	24	23.40	23.49	23.41		
5	16QAM	12	0	22.24	22.34	22.29	23	2
5	16QAM	12	7	22.32	22.40	22.33		
5	16QAM	12	13	22.35	22.39	22.32		
5	16QAM	25	0	22.21	22.34	22.38		
5	64QAM	1	0	21.72	21.83	21.81	23	2
5	64QAM	1	12	22.42	22.59	22.48		
5	64QAM	1	24	22.07	22.19	22.07		
5	64QAM	12	0	21.32	21.31	21.24	22	3
5	64QAM	12	7	21.37	21.37	21.27		
5	64QAM	12	13	21.23	21.31	21.27		
5	64QAM	25	0	21.22	21.38	21.39		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.63	24.65	24.62	25	0
20	QPSK	1	49	24.47	24.60	24.56		
20	QPSK	1	99	24.46	24.57	24.52		
20	QPSK	50	0	23.68	23.75	23.71	24	1
20	QPSK	50	24	23.60	23.74	23.63		
20	QPSK	50	50	23.65	23.67	23.65		
20	QPSK	100	0	23.66	23.70	23.68		
20	16QAM	1	0	23.70	23.77	23.62	24	1
20	16QAM	1	49	23.65	23.78	23.70		
20	16QAM	1	99	23.70	23.85	23.79		
20	16QAM	50	0	22.65	22.71	22.59	23	2
20	16QAM	50	24	22.75	22.76	22.75		
20	16QAM	50	50	22.70	22.78	22.68		
20	16QAM	100	0	22.68	22.73	22.67		
20	64QAM	1	0	22.35	22.47	22.46	23	2
20	64QAM	1	49	22.43	22.51	22.47		
20	64QAM	1	99	22.57	22.59	22.52		
20	64QAM	50	0	21.62	21.73	21.69	22	3
20	64QAM	50	24	21.72	21.76	21.67		
20	64QAM	50	50	21.67	21.72	21.64		
20	64QAM	100	0	21.67	21.73	21.68		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.49	24.54	24.53	25	0
15	QPSK	1	37	24.34	24.56	24.47		
15	QPSK	1	74	24.37	24.47	24.46		
15	QPSK	36	0	23.64	23.65	23.62	24	1
15	QPSK	36	20	23.55	23.65	23.55		
15	QPSK	36	39	23.50	23.63	23.57		
15	QPSK	75	0	23.65	23.65	23.57		
15	16QAM	1	0	23.61	23.70	23.47	24	1
15	16QAM	1	37	23.53	23.66	23.57		
15	16QAM	1	74	23.59	23.71	23.67		
15	16QAM	36	0	22.52	22.63	22.55	23	2
15	16QAM	36	20	22.68	22.82	22.68		
15	16QAM	36	39	22.66	22.74	22.58		
15	16QAM	75	0	22.66	22.67	22.53		
15	64QAM	1	0	22.31	22.39	22.40	23	2
15	64QAM	1	37	22.28	22.42	22.41		
15	64QAM	1	74	22.46	22.50	22.38		
15	64QAM	36	0	21.61	21.61	21.62	22	3
15	64QAM	36	20	21.57	21.71	21.63		
15	64QAM	36	39	21.56	21.68	21.49		
15	64QAM	75	0	21.52	21.63	21.62		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.55	24.51	24.59	25	0
10	QPSK	1	25	24.33	24.54	24.42		
10	QPSK	1	49	24.37	24.53	24.38		
10	QPSK	25	0	23.59	23.67	23.63	24	1
10	QPSK	25	12	23.48	23.59	23.62		
10	QPSK	25	25	23.52	23.56	23.56		
10	QPSK	50	0	23.60	23.61	23.53		
10	16QAM	1	0	23.62	23.76	23.59	24	1
10	16QAM	1	25	23.58	23.72	23.57		
10	16QAM	1	49	23.64	23.71	23.74		
10	16QAM	25	0	22.57	22.60	22.57	23	2
10	16QAM	25	12	22.68	22.62	22.71		
10	16QAM	25	25	22.57	22.68	22.53		
10	16QAM	50	0	22.64	22.62	22.52		
10	64QAM	1	0	22.33	22.42	22.38	23	2
10	64QAM	1	25	22.39	22.48	22.36		
10	64QAM	1	49	22.51	22.55	22.42		
10	64QAM	25	0	21.53	21.67	21.67	22	3
10	64QAM	25	12	21.60	21.74	21.63		
10	64QAM	25	25	21.54	21.63	21.54		
10	64QAM	50	0	21.53	21.65	21.53		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.53	24.63	24.59	25	0
5	QPSK	1	12	24.41	24.57	24.43		
5	QPSK	1	24	24.42	24.51	24.47		
5	QPSK	12	0	23.59	23.64	23.64	24	1
5	QPSK	12	7	23.58	23.59	23.61		
5	QPSK	12	13	23.52	23.64	23.58		
5	QPSK	25	0	23.58	23.59	23.59		
5	16QAM	1	0	23.69	23.76	23.47	24	1
5	16QAM	1	12	23.62	23.74	23.58		
5	16QAM	1	24	23.56	23.76	23.74		
5	16QAM	12	0	22.54	22.56	22.46	23	2
5	16QAM	12	7	22.64	22.66	22.72		
5	16QAM	12	13	22.64	22.77	22.54		
5	16QAM	25	0	22.67	22.68	22.57		
5	64QAM	1	0	22.31	22.46	22.36	23	2
5	64QAM	1	12	22.30	22.38	22.36		
5	64QAM	1	24	22.43	22.57	22.37		
5	64QAM	12	0	21.48	21.68	21.55	22	3
5	64QAM	12	7	21.59	21.64	21.66		
5	64QAM	12	13	21.54	21.71	21.61		
5	64QAM	25	0	21.66	21.69	21.62		

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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	21.38	21.45	21.37	23	0
20	QPSK	1	49	21.22	21.36	21.23		
20	QPSK	1	99	21.32	21.34	21.31		
20	QPSK	50	0	20.37	20.41	20.40	22	1
20	QPSK	50	24	20.31	20.37	20.35		
20	QPSK	50	50	20.36	20.32	20.36		
20	QPSK	100	0	20.32	20.40	20.39		
20	16QAM	1	0	20.48	20.49	20.37	22	1
20	16QAM	1	49	20.37	20.49	20.35		
20	16QAM	1	99	20.38	20.49	20.42		
20	16QAM	50	0	19.32	19.47	19.32	21	2
20	16QAM	50	24	19.34	19.46	19.44		
20	16QAM	50	50	19.38	19.46	19.38		
20	16QAM	100	0	19.39	19.49	19.47		
20	64QAM	1	0	19.13	19.24	19.11	21	2
20	64QAM	1	49	19.15	19.23	19.08		
20	64QAM	1	99	19.15	19.23	19.11		
20	64QAM	50	0	18.33	18.43	18.29	20	3
20	64QAM	50	24	18.44	18.45	18.44		
20	64QAM	50	50	18.33	18.42	18.33		
20	64QAM	100	0	18.31	18.41	18.27		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.37	21.30	21.26	23	0
15	QPSK	1	37	21.21	21.29	21.20		
15	QPSK	1	74	21.19	21.31	21.23		
15	QPSK	36	0	20.35	20.32	20.33	22	1
15	QPSK	36	20	20.23	20.27	20.27		
15	QPSK	36	39	20.29	20.26	20.34		
15	QPSK	75	0	20.18	20.27	20.25		
15	16QAM	1	0	20.38	20.44	20.33	22	1
15	16QAM	1	37	20.22	20.39	20.21		
15	16QAM	1	74	20.25	20.37	20.27		
15	16QAM	36	0	19.21	19.39	19.26	21	2
15	16QAM	36	20	19.19	19.37	19.29		
15	16QAM	36	39	19.27	19.33	19.30		
15	16QAM	75	0	19.25	19.45	19.44		
15	64QAM	1	0	19.10	19.09	19.09	21	2
15	64QAM	1	37	19.00	19.16	19.07		
15	64QAM	1	74	19.04	19.18	19.00		
15	64QAM	36	0	18.30	18.30	18.17	20	3
15	64QAM	36	20	18.32	18.31	18.37		
15	64QAM	36	39	18.25	18.27	18.23		
15	64QAM	75	0	18.20	18.33	18.20		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.36	21.34	21.32	23	0
10	QPSK	1	25	21.09	21.27	21.22		
10	QPSK	1	49	21.28	21.31	21.25		
10	QPSK	25	0	20.23	20.37	20.31	22	1
10	QPSK	25	12	20.16	20.36	20.20		
10	QPSK	25	25	20.27	20.17	20.33		
10	QPSK	50	0	20.23	20.36	20.38		
10	16QAM	1	0	20.43	20.44	20.34	22	1
10	16QAM	1	25	20.26	20.35	20.28		
10	16QAM	1	49	20.23	20.36	20.37		
10	16QAM	25	0	19.28	19.39	19.30	21	2
10	16QAM	25	12	19.23	19.45	19.38		
10	16QAM	25	25	19.33	19.42	19.34		
10	16QAM	50	0	19.34	19.42	19.37		
10	64QAM	1	0	19.10	19.15	19.05	21	2
10	64QAM	1	25	19.00	19.11	19.06		
10	64QAM	1	49	19.01	19.15	19.04		
10	64QAM	25	0	18.19	18.32	18.26	20	3
10	64QAM	25	12	18.35	18.42	18.33		
10	64QAM	25	25	18.20	18.35	18.29		
10	64QAM	50	0	18.25	18.35	18.13		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.34	21.38	21.27	23	0
5	QPSK	1	12	21.12	21.28	21.18		
5	QPSK	1	24	21.23	21.19	21.18		
5	QPSK	12	0	20.26	20.31	20.36	22	1
5	QPSK	12	7	20.29	20.30	20.30		
5	QPSK	12	13	20.28	20.28	20.32		
5	QPSK	25	0	20.19	20.36	20.36		
5	16QAM	1	0	20.41	20.45	20.34	22	1
5	16QAM	1	12	20.36	20.41	20.29		
5	16QAM	1	24	20.28	20.44	20.29		
5	16QAM	12	0	19.23	19.42	19.18	21	2
5	16QAM	12	7	19.19	19.36	19.42		
5	16QAM	12	13	19.32	19.41	19.29		
5	16QAM	25	0	19.38	19.37	19.37		
5	64QAM	1	0	19.05	19.13	19.02	21	2
5	64QAM	1	12	19.07	19.15	19.06		
5	64QAM	1	24	19.04	19.16	19.01		
5	64QAM	12	0	18.23	18.41	18.23	20	3
5	64QAM	12	7	18.29	18.33	18.31		
5	64QAM	12	13	18.26	18.36	18.21		
5	64QAM	25	0	18.17	18.26	18.17		

Band 41_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.40	23.46	23.50	23.44	23.48	23.8	0
20	QPSK	1	49	23.39	23.37	23.44	23.34	23.40		
20	QPSK	1	99	23.32	23.30	23.40	23.32	23.32		
20	QPSK	50	0	22.44	22.49	22.56	22.53	22.51	22.8	1
20	QPSK	50	24	22.36	22.41	22.50	22.40	22.49		
20	QPSK	50	50	22.41	22.46	22.52	22.50	22.37		
20	QPSK	100	0	22.36	22.46	22.51	22.45	22.50		
20	16QAM	1	0	22.51	22.44	22.53	22.41	22.41	22.8	1
20	16QAM	1	49	22.45	22.44	22.55	22.49	22.45		
20	16QAM	1	99	22.57	22.44	22.59	22.49	22.45		
20	16QAM	50	0	21.42	21.40	21.48	21.38	21.34	21.8	2
20	16QAM	50	24	21.36	21.46	21.50	21.43	21.48		
20	16QAM	50	50	21.38	21.47	21.52	21.49	21.47		
20	16QAM	100	0	21.43	21.41	21.48	21.39	21.37		
20	64QAM	1	0	21.12	21.17	21.24	21.10	21.19	21.8	2
20	64QAM	1	49	20.94	20.89	21.00	20.88	20.93		
20	64QAM	1	99	21.27	21.26	21.33	21.29	21.19		
20	64QAM	50	0	20.33	20.43	20.48	20.37	20.45	20.8	3
20	64QAM	50	24	20.43	20.39	20.48	20.39	20.37		
20	64QAM	50	50	20.43	20.42	20.51	20.37	20.40		
20	64QAM	100	0	20.12	20.03	20.18	20.16	20.06		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.31	23.43	23.35	23.41	23.33	23.8	0
15	QPSK	1	37	23.29	23.25	23.29	23.27	23.33		
15	QPSK	1	74	23.22	23.15	23.38	23.30	23.20		
15	QPSK	36	0	22.37	22.36	22.54	22.46	22.40	22.8	1
15	QPSK	36	20	22.23	22.29	22.43	22.31	22.40		
15	QPSK	36	39	22.40	22.34	22.46	22.45	22.36		
15	QPSK	75	0	22.33	22.37	22.40	22.40	22.37		
15	16QAM	1	0	22.45	22.42	22.40	22.34	22.32	22.8	1
15	16QAM	1	37	22.43	22.31	22.45	22.44	22.36		
15	16QAM	1	74	22.45	22.30	22.57	22.36	22.30		
15	16QAM	36	0	21.36	21.38	21.38	21.34	21.29	21.8	2
15	16QAM	36	20	21.26	21.31	21.47	21.40	21.35		
15	16QAM	36	39	21.32	21.39	21.49	21.46	21.43		
15	16QAM	75	0	21.37	21.39	21.40	21.25	21.31		
15	64QAM	1	0	21.06	21.10	21.09	20.96	21.07	21.8	2
15	64QAM	1	37	20.80	20.86	20.99	20.81	20.89		
15	64QAM	1	74	21.24	21.11	21.22	21.28	21.05		
15	64QAM	36	0	20.21	20.32	20.37	20.23	20.37	20.8	3
15	64QAM	36	20	20.34	20.37	20.42	20.29	20.29		
15	64QAM	36	39	20.42	20.41	20.41	20.25	20.37		
15	64QAM	75	0	20.00	19.92	20.10	20.10	20.01		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.37	23.44	23.40	23.34	23.33	23.8	0
10	QPSK	1	25	23.36	23.35	23.37	23.33	23.32		
10	QPSK	1	49	23.20	23.18	23.28	23.22	23.28		
10	QPSK	25	0	22.35	22.48	22.52	22.42	22.38	22.8	1
10	QPSK	25	12	22.35	22.30	22.38	22.28	22.39		
10	QPSK	25	25	22.33	22.39	22.37	22.35	22.31		
10	QPSK	50	0	22.21	22.40	22.44	22.34	22.40		
10	16QAM	1	0	22.46	22.29	22.40	22.27	22.30	22.8	1
10	16QAM	1	25	22.41	22.39	22.53	22.45	22.39		
10	16QAM	1	49	22.43	22.38	22.53	22.38	22.44		
10	16QAM	25	0	21.28	21.37	21.45	21.35	21.33	21.8	2
10	16QAM	25	12	21.27	21.40	21.42	21.37	21.33		
10	16QAM	25	25	21.24	21.39	21.42	21.39	21.33		
10	16QAM	50	0	21.28	21.27	21.45	21.38	21.26		
10	64QAM	1	0	21.06	21.09	21.17	21.04	21.11	21.8	2
10	64QAM	1	25	20.93	20.81	20.92	20.80	20.85		
10	64QAM	1	49	21.14	21.22	21.30	21.15	21.16		
10	64QAM	25	0	20.28	20.31	20.36	20.31	20.38	20.8	3
10	64QAM	25	12	20.42	20.25	20.33	20.31	20.24		
10	64QAM	25	25	20.36	20.28	20.42	20.32	20.39		
10	64QAM	50	0	20.04	20.00	20.13	20.05	19.92		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.34	23.42	23.40	23.29	23.45	23.8	0
5	QPSK	1	12	23.26	23.24	23.31	23.28	23.26		
5	QPSK	1	24	23.23	23.21	23.34	23.30	23.26		
5	QPSK	12	0	22.40	22.37	22.49	22.41	22.48	22.8	1
5	QPSK	12	7	22.34	22.33	22.45	22.29	22.42		
5	QPSK	12	13	22.26	22.45	22.39	22.47	22.36		
5	QPSK	25	0	22.32	22.25	22.45	22.42	22.36		
5	16QAM	1	0	22.36	22.39	22.38	22.39	22.33	22.8	1
5	16QAM	1	12	22.35	22.38	22.40	22.38	22.41		
5	16QAM	1	24	22.44	22.31	22.45	22.47	22.42		
5	16QAM	12	0	21.35	21.29	21.36	21.30	21.21	21.8	2
5	16QAM	12	7	21.28	21.43	21.45	21.38	21.34		
5	16QAM	12	13	21.36	21.32	21.37	21.42	21.39		
5	16QAM	25	0	21.29	21.28	21.47	21.38	21.23		
5	64QAM	1	0	21.04	21.09	21.14	20.97	21.07	21.8	2
5	64QAM	1	12	20.88	20.81	20.87	20.85	20.90		
5	64QAM	1	24	21.12	21.11	21.32	21.26	21.12		
5	64QAM	12	0	20.30	20.28	20.43	20.35	20.43	20.8	3
5	64QAM	12	7	20.41	20.37	20.44	20.35	20.30		
5	64QAM	12	13	20.40	20.29	20.44	20.24	20.28		
5	64QAM	25	0	20.11	19.94	20.11	20.01	20.00		

Band 41 (HPUE)_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	26.49	26.44	26.55	26.39	26.40	26.8	0
20	QPSK	1	49	26.28	26.33	26.37	26.36	26.22		
20	QPSK	1	99	26.30	26.28	26.42	26.32	26.37		
20	QPSK	50	0	25.37	25.38	25.46	25.37	25.36	25.8	1
20	QPSK	50	24	25.36	25.30	25.42	25.27	25.29		
20	QPSK	50	50	25.35	25.37	25.40	25.34	25.34		
20	QPSK	100	0	25.37	25.43	25.45	25.32	25.43		
20	16QAM	1	0	25.51	25.57	25.64	25.53	25.50	25.8	1
20	16QAM	1	49	25.47	25.44	25.59	25.57	25.51		
20	16QAM	1	99	25.64	25.59	25.66	25.62	25.57		
20	16QAM	50	0	24.31	24.34	24.46	24.33	24.40	24.8	2
20	16QAM	50	24	24.35	24.44	24.47	24.36	24.46		
20	16QAM	50	50	24.42	24.45	24.52	24.40	24.47		
20	16QAM	100	0	24.41	24.43	24.46	24.35	24.33		
20	64QAM	1	0	24.38	24.40	24.48	24.36	24.33	24.8	2
20	64QAM	1	49	24.52	24.45	24.53	24.46	24.38		
20	64QAM	1	99	24.47	24.52	24.55	24.41	24.45		
20	64QAM	50	0	23.31	23.37	23.44	23.37	23.41	23.8	3
20	64QAM	50	24	23.32	23.43	23.45	23.34	23.40		
20	64QAM	50	50	23.32	23.36	23.45	23.39	23.37		
20	64QAM	100	0	23.41	23.29	23.42	23.29	23.35		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	26.35	26.43	26.51	26.35	26.47	26.8	0
15	QPSK	1	37	26.16	26.23	26.24	26.27	26.16		
15	QPSK	1	74	26.19	26.22	26.35	26.23	26.23		
15	QPSK	36	0	25.28	25.28	25.45	25.36	25.30	25.8	1
15	QPSK	36	20	25.33	25.22	25.27	25.15	25.23		
15	QPSK	36	39	25.25	25.33	25.25	25.33	25.29		
15	QPSK	75	0	25.25	25.35	25.41	25.31	25.28		
15	16QAM	1	0	25.47	25.47	25.62	25.40	25.47	25.8	1
15	16QAM	1	37	25.46	25.43	25.44	25.51	25.43		
15	16QAM	1	74	25.54	25.48	25.58	25.50	25.56		
15	16QAM	36	0	24.18	24.31	24.33	24.25	24.34	24.8	2
15	16QAM	36	20	24.26	24.39	24.41	24.23	24.41		
15	16QAM	36	39	24.38	24.36	24.50	24.32	24.36		
15	16QAM	75	0	24.35	24.35	24.43	24.26	24.28		
15	64QAM	1	0	24.25	24.26	24.43	24.32	24.26	24.8	2
15	64QAM	1	37	24.38	24.33	24.39	24.31	24.23		
15	64QAM	1	74	24.36	24.49	24.42	24.32	24.37		
15	64QAM	36	0	23.29	23.29	23.30	23.24	23.32	23.8	3
15	64QAM	36	20	23.28	23.39	23.31	23.32	23.37		
15	64QAM	36	39	23.24	23.30	23.38	23.28	23.35		
15	64QAM	75	0	23.37	23.14	23.39	23.14	23.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	26.24	26.36	26.49	26.34	26.43	26.8	0
10	QPSK	1	25	26.26	26.22	26.33	26.29	26.09		
10	QPSK	1	49	26.29	26.22	26.37	26.24	26.22		
10	QPSK	25	0	25.30	25.28	25.44	25.22	25.24	25.8	1
10	QPSK	25	12	25.31	25.18	25.35	25.20	25.25		
10	QPSK	25	25	25.21	25.26	25.35	25.23	25.22		
10	QPSK	50	0	25.34	25.28	25.34	25.21	25.35		
10	16QAM	1	0	25.36	25.55	25.61	25.50	25.48	25.8	1
10	16QAM	1	25	25.41	25.32	25.57	25.56	25.47		
10	16QAM	1	49	25.51	25.49	25.52	25.59	25.50		
10	16QAM	25	0	24.19	24.19	24.41	24.27	24.36	24.8	2
10	16QAM	25	12	24.24	24.34	24.43	24.35	24.31		
10	16QAM	25	25	24.30	24.44	24.43	24.29	24.40		
10	16QAM	50	0	24.26	24.32	24.37	24.32	24.31		
10	64QAM	1	0	24.28	24.29	24.46	24.28	24.26	24.8	2
10	64QAM	1	25	24.43	24.44	24.47	24.38	24.26		
10	64QAM	1	49	24.40	24.37	24.40	24.26	24.42		
10	64QAM	25	0	23.28	23.25	23.43	23.34	23.37	23.8	3
10	64QAM	25	12	23.17	23.38	23.40	23.32	23.35		
10	64QAM	25	25	23.28	23.26	23.34	23.33	23.24		
10	64QAM	50	0	23.36	23.27	23.29	23.22	23.29		
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	26.34	26.42	26.51	26.32	26.41	26.8	0
5	QPSK	1	12	26.22	26.21	26.34	26.32	26.14		
5	QPSK	1	24	26.19	26.18	26.41	26.21	26.31		
5	QPSK	12	0	25.32	25.28	25.44	25.28	25.28	25.8	1
5	QPSK	12	7	25.32	25.23	25.27	25.25	25.14		
5	QPSK	12	13	25.22	25.25	25.25	25.32	25.31		
5	QPSK	25	0	25.32	25.35	25.41	25.30	25.42		
5	16QAM	1	0	25.36	25.48	25.59	25.41	25.40	25.8	1
5	16QAM	1	12	25.44	25.30	25.57	25.51	25.42		
5	16QAM	1	24	25.50	25.46	25.58	25.54	25.55		
5	16QAM	12	0	24.28	24.24	24.32	24.23	24.35	24.8	2
5	16QAM	12	7	24.23	24.40	24.38	24.24	24.39		
5	16QAM	12	13	24.29	24.38	24.45	24.28	24.38		
5	16QAM	25	0	24.36	24.29	24.31	24.30	24.32		
5	64QAM	1	0	24.24	24.38	24.34	24.29	24.29	24.8	2
5	64QAM	1	12	24.48	24.36	24.49	24.34	24.30		
5	64QAM	1	24	24.37	24.50	24.54	24.31	24.31		
5	64QAM	12	0	23.30	23.29	23.38	23.30	23.34	23.8	3
5	64QAM	12	7	23.24	23.29	23.32	23.31	23.25		
5	64QAM	12	13	23.31	23.30	23.38	23.38	23.23		
5	64QAM	25	0	23.36	23.26	23.36	23.20	23.27		

Band 41_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.47	23.52	23.57	23.42	23.51	23.8	0
20	QPSK	1	49	23.43	23.46	23.50	23.38	23.45		
20	QPSK	1	99	23.45	23.42	23.54	23.40	23.44		
20	QPSK	50	0	22.54	22.53	22.56	22.49	22.53	22.8	1
20	QPSK	50	24	22.42	22.43	22.50	22.47	22.52		
20	QPSK	50	50	22.47	22.43	22.55	22.46	22.48		
20	QPSK	100	0	22.44	22.44	22.50	22.42	22.45		
20	16QAM	1	0	22.53	22.41	22.56	22.54	22.41	22.8	1
20	16QAM	1	49	22.51	22.62	22.64	22.57	22.59		
20	16QAM	1	99	22.58	22.52	22.64	22.60	22.56		
20	16QAM	50	0	21.50	21.47	21.56	21.44	21.42	21.8	2
20	16QAM	50	24	21.45	21.49	21.56	21.46	21.48		
20	16QAM	50	50	21.47	21.43	21.57	21.54	21.48		
20	16QAM	100	0	21.44	21.40	21.52	21.45	21.47		
20	64QAM	1	0	21.23	21.23	21.26	21.18	21.19	21.8	2
20	64QAM	1	49	21.33	21.34	21.35	21.26	21.26		
20	64QAM	1	99	21.22	21.23	21.37	21.33	21.31		
20	64QAM	50	0	20.36	20.45	20.48	20.34	20.34	20.8	3
20	64QAM	50	24	20.45	20.48	20.51	20.42	20.45		
20	64QAM	50	50	20.42	20.43	20.55	20.52	20.44		
20	64QAM	100	0	20.45	20.50	20.52	20.42	20.48		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.39	23.48	23.49	23.37	23.37	23.8	0
15	QPSK	1	37	23.40	23.36	23.38	23.30	23.42		
15	QPSK	1	74	23.30	23.29	23.44	23.37	23.34		
15	QPSK	36	0	22.39	22.47	22.53	22.39	22.47	22.8	1
15	QPSK	36	20	22.34	22.41	22.47	22.44	22.37		
15	QPSK	36	39	22.36	22.29	22.53	22.32	22.38		
15	QPSK	75	0	22.41	22.39	22.49	22.29	22.44		
15	16QAM	1	0	22.49	22.30	22.44	22.44	22.33	22.8	1
15	16QAM	1	37	22.50	22.50	22.50	22.42	22.49		
15	16QAM	1	74	22.50	22.38	22.49	22.50	22.54		
15	16QAM	36	0	21.38	21.35	21.42	21.31	21.30	21.8	2
15	16QAM	36	20	21.36	21.44	21.47	21.33	21.34		
15	16QAM	36	39	21.43	21.33	21.46	21.50	21.47		
15	16QAM	75	0	21.32	21.32	21.42	21.36	21.39		
15	64QAM	1	0	21.16	21.22	21.20	21.10	21.10	21.8	2
15	64QAM	1	37	21.26	21.28	21.28	21.14	21.11		
15	64QAM	1	74	21.09	21.13	21.30	21.19	21.28		
15	64QAM	36	0	20.30	20.40	20.37	20.24	20.26	20.8	3
15	64QAM	36	20	20.30	20.33	20.40	20.35	20.42		
15	64QAM	36	39	20.31	20.34	20.40	20.42	20.43		
15	64QAM	75	0	20.32	20.37	20.46	20.32	20.38		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.33	23.42	23.44	23.40	23.38	23.8	0
10	QPSK	1	25	23.37	23.39	23.49	23.35	23.31		
10	QPSK	1	49	23.38	23.40	23.47	23.34	23.40		
10	QPSK	25	0	22.52	22.51	22.48	22.38	22.40	22.8	1
10	QPSK	25	12	22.27	22.28	22.40	22.35	22.51		
10	QPSK	25	25	22.45	22.35	22.50	22.34	22.43		
10	QPSK	50	0	22.38	22.38	22.39	22.29	22.33		
10	16QAM	1	0	22.48	22.29	22.50	22.52	22.32	22.8	1
10	16QAM	1	25	22.47	22.51	22.55	22.43	22.55		
10	16QAM	1	49	22.57	22.50	22.49	22.58	22.48		
10	16QAM	25	0	21.38	21.45	21.54	21.42	21.39	21.8	2
10	16QAM	25	12	21.44	21.44	21.45	21.40	21.44		
10	16QAM	25	25	21.39	21.41	21.52	21.44	21.39		
10	16QAM	50	0	21.37	21.33	21.50	21.31	21.34		
10	64QAM	1	0	21.19	21.12	21.21	21.05	21.04	21.8	2
10	64QAM	1	25	21.23	21.28	21.32	21.16	21.11		
10	64QAM	1	49	21.18	21.12	21.25	21.31	21.18		
10	64QAM	25	0	20.23	20.33	20.33	20.21	20.26	20.8	3
10	64QAM	25	12	20.36	20.41	20.37	20.29	20.37		
10	64QAM	25	25	20.34	20.32	20.42	20.51	20.33		
10	64QAM	50	0	20.39	20.42	20.41	20.31	20.39		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.32	23.39	23.52	23.41	23.42	23.8	0
5	QPSK	1	12	23.34	23.42	23.48	23.24	23.33		
5	QPSK	1	24	23.37	23.33	23.52	23.37	23.43		
5	QPSK	12	0	22.51	22.51	22.43	22.35	22.42	22.8	1
5	QPSK	12	7	22.35	22.31	22.46	22.40	22.39		
5	QPSK	12	13	22.40	22.36	22.51	22.42	22.38		
5	QPSK	25	0	22.35	22.31	22.55	22.32	22.32		
5	16QAM	1	0	22.41	22.39	22.54	22.43	22.34	22.8	1
5	16QAM	1	12	22.44	22.58	22.50	22.50	22.58		
5	16QAM	1	24	22.51	22.51	22.51	22.56	22.43		
5	16QAM	12	0	21.44	21.32	21.54	21.39	21.27	21.8	2
5	16QAM	12	7	21.44	21.38	21.50	21.33	21.43		
5	16QAM	12	13	21.37	21.32	21.45	21.42	21.47		
5	16QAM	25	0	21.40	21.36	21.42	21.42	21.34		
5	64QAM	1	0	21.18	21.13	21.20	21.03	21.12	21.8	2
5	64QAM	1	12	21.27	21.26	21.29	21.13	21.24		
5	64QAM	1	24	21.18	21.22	21.31	21.18	21.16		
5	64QAM	12	0	20.32	20.40	20.39	20.30	20.24	20.8	3
5	64QAM	12	7	20.35	20.33	20.48	20.30	20.39		
5	64QAM	12	13	20.28	20.36	20.44	20.49	20.38		
5	64QAM	25	0	20.35	20.48	20.44	20.40	20.46		

Band 41 (HPUE)_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	26.40	26.51	26.54	26.39	26.50	26.8	0
20	QPSK	1	49	26.38	26.36	26.47	26.35	26.46		
20	QPSK	1	99	26.38	26.44	26.50	26.37	26.39		
20	QPSK	50	0	25.41	25.39	25.44	25.42	25.36	25.8	1
20	QPSK	50	24	25.36	25.36	25.38	25.40	25.35		
20	QPSK	50	50	25.40	25.36	25.31	25.39	25.30		
20	QPSK	100	0	25.46	25.37	25.47	25.46	25.44		
20	16QAM	1	0	25.53	25.48	25.61	25.50	25.58	25.8	1
20	16QAM	1	49	25.57	25.57	25.68	25.60	25.59		
20	16QAM	1	99	25.67	25.67	25.70	25.66	25.65		
20	16QAM	50	0	24.43	24.41	24.49	24.36	24.35	24.8	2
20	16QAM	50	24	24.54	24.50	24.57	24.46	24.52		
20	16QAM	50	50	24.53	24.44	24.56	24.45	24.51		
20	16QAM	100	0	24.39	24.36	24.46	24.34	24.34		
20	64QAM	1	0	24.40	24.43	24.53	24.49	24.51	24.8	2
20	64QAM	1	49	24.41	24.48	24.53	24.52	24.51		
20	64QAM	1	99	24.43	24.49	24.54	24.49	24.50		
20	64QAM	50	0	23.29	23.34	23.44	23.43	23.34	23.8	3
20	64QAM	50	24	23.36	23.33	23.46	23.45	23.43		
20	64QAM	50	50	23.34	23.41	23.46	23.43	23.43		
20	64QAM	100	0	23.36	23.43	23.45	23.35	23.32		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	26.36	26.43	26.51	26.37	26.40	26.8	0
15	QPSK	1	37	26.24	26.33	26.42	26.31	26.38		
15	QPSK	1	74	26.36	26.29	26.42	26.30	26.30		
15	QPSK	36	0	25.32	25.27	25.35	25.37	25.29	25.8	1
15	QPSK	36	20	25.23	25.29	25.27	25.35	25.27		
15	QPSK	36	39	25.38	25.29	25.29	25.26	25.18		
15	QPSK	75	0	25.33	25.29	25.44	25.37	25.36		
15	16QAM	1	0	25.44	25.35	25.54	25.47	25.55	25.8	1
15	16QAM	1	37	25.51	25.53	25.60	25.56	25.57		
15	16QAM	1	74	25.64	25.57	25.57	25.57	25.55		
15	16QAM	36	0	24.41	24.32	24.35	24.28	24.24	24.8	2
15	16QAM	36	20	24.51	24.40	24.45	24.42	24.45		
15	16QAM	36	39	24.38	24.37	24.55	24.35	24.43		
15	16QAM	75	0	24.27	24.22	24.39	24.23	24.30		
15	64QAM	1	0	24.32	24.29	24.41	24.46	24.44	24.8	2
15	64QAM	1	37	24.36	24.43	24.43	24.41	24.39		
15	64QAM	1	74	24.32	24.36	24.48	24.37	24.43		
15	64QAM	36	0	23.24	23.24	23.37	23.33	23.28	23.8	3
15	64QAM	36	20	23.26	23.30	23.33	23.34	23.36		
15	64QAM	36	39	23.21	23.29	23.37	23.34	23.31		
15	64QAM	75	0	23.23	23.38	23.34	23.27	23.31		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	26.32	26.41	26.48	26.30	26.37	26.8	0
10	QPSK	1	25	26.25	26.24	26.42	26.30	26.38		
10	QPSK	1	49	26.23	26.43	26.37	26.34	26.28		
10	QPSK	25	0	25.27	25.32	25.42	25.39	25.33	25.8	1
10	QPSK	25	12	25.33	25.28	25.29	25.34	25.23		
10	QPSK	25	25	25.33	25.27	25.23	25.33	25.21		
10	QPSK	50	0	25.40	25.31	25.44	25.38	25.36		
10	16QAM	1	0	25.44	25.35	25.46	25.36	25.54	25.8	1
10	16QAM	1	25	25.49	25.45	25.62	25.51	25.55		
10	16QAM	1	49	25.58	25.60	25.55	25.53	25.52		
10	16QAM	25	0	24.42	24.26	24.47	24.28	24.32	24.8	2
10	16QAM	25	12	24.41	24.38	24.44	24.44	24.39		
10	16QAM	25	25	24.41	24.31	24.46	24.44	24.44		
10	16QAM	50	0	24.28	24.21	24.33	24.23	24.28		
10	64QAM	1	0	24.30	24.41	24.52	24.41	24.48	24.8	2
10	64QAM	1	25	24.32	24.35	24.47	24.46	24.45		
10	64QAM	1	49	24.28	24.48	24.45	24.37	24.49		
10	64QAM	25	0	23.25	23.28	23.34	23.31	23.20	23.8	3
10	64QAM	25	12	23.24	23.30	23.39	23.41	23.34		
10	64QAM	25	25	23.24	23.27	23.43	23.31	23.40		
10	64QAM	50	0	23.29	23.33	23.38	23.22	23.27		
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	26.30	26.37	26.39	26.28	26.49	26.8	0
5	QPSK	1	12	26.28	26.28	26.36	26.20	26.40		
5	QPSK	1	24	26.33	26.36	26.38	26.31	26.35		
5	QPSK	12	0	25.37	25.26	25.30	25.36	25.26	25.8	1
5	QPSK	12	7	25.31	25.29	25.36	25.27	25.25		
5	QPSK	12	13	25.39	25.25	25.20	25.36	25.28		
5	QPSK	25	0	25.35	25.32	25.33	25.40	25.43		
5	16QAM	1	0	25.51	25.35	25.48	25.42	25.53	25.8	1
5	16QAM	1	12	25.44	25.42	25.56	25.46	25.57		
5	16QAM	1	24	25.57	25.59	25.69	25.58	25.61		
5	16QAM	12	0	24.32	24.34	24.40	24.22	24.24	24.8	2
5	16QAM	12	7	24.46	24.43	24.48	24.37	24.37		
5	16QAM	12	13	24.38	24.41	24.42	24.31	24.48		
5	16QAM	25	0	24.38	24.35	24.33	24.23	24.26		
5	64QAM	1	0	24.30	24.28	24.47	24.35	24.41	24.8	2
5	64QAM	1	12	24.32	24.42	24.47	24.43	24.41		
5	64QAM	1	24	24.40	24.41	24.52	24.37	24.36		
5	64QAM	12	0	23.24	23.22	23.30	23.38	23.33	23.8	3
5	64QAM	12	7	23.26	23.32	23.40	23.37	23.34		
5	64QAM	12	13	23.27	23.37	23.40	23.33	23.33		
5	64QAM	25	0	23.35	23.39	23.30	23.25	23.27		

Band 41_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.47	20.42	20.48	20.08	20.02	20.8	0
20	QPSK	1	49	20.21	20.25	20.25	20.07	19.96		
20	QPSK	1	99	20.25	20.26	20.24	20.01	19.98		
20	QPSK	50	0	19.39	19.35	19.40	19.09	19.13	19.8	1
20	QPSK	50	24	19.31	19.29	19.16	19.08	19.08		
20	QPSK	50	50	19.34	19.26	19.20	19.03	19.12		
20	QPSK	100	0	19.38	19.27	19.39	19.08	19.05		
20	16QAM	1	0	18.69	18.74	18.70	18.45	18.59	19.8	1
20	16QAM	1	49	18.72	18.77	18.71	18.50	18.48		
20	16QAM	1	99	18.96	19.07	19.00	18.84	18.87		
20	16QAM	50	0	18.24	18.23	18.27	18.09	18.05	18.8	2
20	16QAM	50	24	18.04	17.99	17.99	17.82	17.83		
20	16QAM	50	50	18.28	18.34	18.26	18.14	18.08		
20	16QAM	100	0	17.92	17.99	17.95	17.77	17.74		
20	64QAM	1	0	17.77	17.85	17.76	17.65	17.60	18.8	2
20	64QAM	1	49	18.13	18.05	18.06	17.85	17.87		
20	64QAM	1	99	18.03	18.09	18.04	17.93	17.91		
20	64QAM	50	0	17.26	17.34	17.27	17.11	17.05	17.8	3
20	64QAM	50	24	17.26	17.23	17.28	17.07	17.12		
20	64QAM	50	50	17.23	17.29	17.26	17.09	17.12		
20	64QAM	100	0	16.93	17.03	16.96	16.79	16.71		
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	20.42	20.27	20.23	19.95	19.88	20.8	0
15	QPSK	1	37	20.14	20.24	20.19	20.03	19.93		
15	QPSK	1	74	20.13	20.18	20.19	19.98	19.97		
15	QPSK	36	0	19.27	19.34	19.18	19.07	19.06	19.8	1
15	QPSK	36	20	19.16	19.20	19.15	19.04	19.04		
15	QPSK	36	39	19.28	19.18	19.08	18.93	19.07		
15	QPSK	75	0	19.34	19.21	19.10	19.02	19.00		
15	16QAM	1	0	18.67	18.65	18.62	18.36	18.58	19.8	1
15	16QAM	1	37	18.69	18.73	18.67	18.48	18.46		
15	16QAM	1	74	18.86	18.94	18.99	18.82	18.73		
15	16QAM	36	0	18.12	18.22	18.14	18.06	17.97	18.8	2
15	16QAM	36	20	18.00	17.89	17.96	17.67	17.72		
15	16QAM	36	39	18.26	18.23	18.24	18.09	17.94		
15	16QAM	75	0	17.89	17.95	17.92	17.66	17.62		
15	64QAM	1	0	17.70	17.79	17.61	17.57	17.48	18.8	2
15	64QAM	1	37	18.02	17.94	17.91	17.71	17.81		
15	64QAM	1	74	18.01	17.94	17.91	17.85	17.88		
15	64QAM	36	0	17.23	17.25	17.15	17.04	16.93	17.8	3
15	64QAM	36	20	17.15	17.16	17.27	17.01	17.11		
15	64QAM	36	39	17.15	17.19	17.15	17.03	16.98		
15	64QAM	75	0	16.82	16.93	16.91	16.65	16.61		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.37	20.33	20.21	19.94	19.92	20.8	0
10	QPSK	1	25	20.18	20.23	20.14	19.96	19.84		
10	QPSK	1	49	20.18	20.21	20.13	19.87	19.84		
10	QPSK	25	0	19.35	19.31	19.21	19.05	19.10	19.8	1
10	QPSK	25	12	19.23	19.20	19.06	19.02	18.93		
10	QPSK	25	25	19.19	19.21	19.19	18.98	18.97		
10	QPSK	50	0	19.29	19.15	19.20	18.96	18.91		
10	16QAM	1	0	18.65	18.61	18.64	18.36	18.58	19.8	1
10	16QAM	1	25	18.60	18.64	18.60	18.35	18.39		
10	16QAM	1	49	18.93	19.03	18.91	18.73	18.76		
10	16QAM	25	0	18.11	18.08	18.23	18.05	18.04	18.8	2
10	16QAM	25	12	18.00	17.87	17.90	17.72	17.74		
10	16QAM	25	25	18.27	18.26	18.18	18.09	18.01		
10	16QAM	50	0	17.90	17.91	17.93	17.69	17.65		
10	64QAM	1	0	17.74	17.83	17.62	17.63	17.45	18.8	2
10	64QAM	1	25	18.10	17.96	17.97	17.81	17.83		
10	64QAM	1	49	17.95	18.06	17.95	17.79	17.89		
10	64QAM	25	0	17.25	17.24	17.12	17.10	16.98	17.8	3
10	64QAM	25	12	17.17	17.21	17.20	16.94	17.11		
10	64QAM	25	25	17.22	17.24	17.11	17.07	17.00		
10	64QAM	50	0	16.86	17.02	16.94	16.69	16.64		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.46	20.38	20.11	20.05	19.99	20.8	0
5	QPSK	1	12	20.08	20.23	20.16	19.97	19.88		
5	QPSK	1	24	20.16	20.19	20.18	19.89	19.95		
5	QPSK	12	0	19.37	19.23	19.13	18.96	19.10	19.8	1
5	QPSK	12	7	19.29	19.28	19.09	18.96	18.96		
5	QPSK	12	13	19.19	19.24	19.10	18.99	19.03		
5	QPSK	25	0	19.36	19.18	19.07	19.02	18.92		
5	16QAM	1	0	18.54	18.59	18.57	18.38	18.47	19.8	1
5	16QAM	1	12	18.67	18.64	18.60	18.46	18.36		
5	16QAM	1	24	18.95	18.95	18.96	18.81	18.78		
5	16QAM	12	0	18.17	18.09	18.16	18.01	18.03	18.8	2
5	16QAM	12	7	17.91	17.95	17.96	17.81	17.79		
5	16QAM	12	13	18.16	18.31	18.18	18.06	17.96		
5	16QAM	25	0	17.87	17.87	17.92	17.68	17.60		
5	64QAM	1	0	17.74	17.82	17.70	17.51	17.47	18.8	2
5	64QAM	1	12	18.07	17.97	17.94	17.84	17.81		
5	64QAM	1	24	17.92	17.99	17.89	17.81	17.79		
5	64QAM	12	0	17.22	17.20	17.24	16.96	16.96	17.8	3
5	64QAM	12	7	17.20	17.09	17.27	16.94	17.02		
5	64QAM	12	13	17.10	17.15	17.24	17.08	17.11		
5	64QAM	25	0	16.91	16.91	16.84	16.72	16.69		

Band 41 (HPUE)_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.47	23.39	23.48	23.03	23.08	23.8	0
20	QPSK	1	49	23.33	23.35	23.23	23.01	23.02		
20	QPSK	1	99	23.36	23.37	23.19	22.96	23.06		
20	QPSK	50	0	22.41	22.37	22.42	22.07	22.06	22.8	1
20	QPSK	50	24	22.27	22.30	22.21	21.99	21.99		
20	QPSK	50	50	22.40	22.29	22.23	22.06	22.02		
20	QPSK	100	0	22.34	22.30	22.35	22.00	22.04		
20	16QAM	1	0	22.49	22.57	22.41	22.30	22.27	22.8	1
20	16QAM	1	49	22.60	22.55	22.41	22.25	22.25		
20	16QAM	1	99	22.49	22.46	22.38	22.27	22.15		
20	16QAM	50	0	21.49	21.37	21.31	21.16	21.16	21.8	2
20	16QAM	50	24	21.33	21.35	21.24	21.09	21.04		
20	16QAM	50	50	21.44	21.45	21.28	21.11	21.08		
20	16QAM	100	0	21.05	21.12	20.96	20.80	20.76		
20	64QAM	1	0	21.42	21.45	21.26	21.15	21.05	21.8	2
20	64QAM	1	49	21.34	21.37	21.29	21.09	21.11		
20	64QAM	1	99	21.14	21.18	20.99	20.84	20.81		
20	64QAM	50	0	20.41	20.39	20.23	19.98	19.98	20.8	3
20	64QAM	50	24	20.30	20.27	20.22	20.03	20.10		
20	64QAM	50	50	20.37	20.30	20.23	20.03	20.07		
20	64QAM	100	0	20.34	20.24	20.19	20.07	19.94		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.43	23.28	23.15	23.02	22.96	23.8	0
15	QPSK	1	37	23.31	23.22	23.15	22.96	22.92		
15	QPSK	1	74	23.21	23.36	23.07	22.89	22.97		
15	QPSK	36	0	22.33	22.26	22.19	21.99	21.92	22.8	1
15	QPSK	36	20	22.24	22.16	22.11	21.88	21.90		
15	QPSK	36	39	22.38	22.23	22.20	22.02	21.97		
15	QPSK	75	0	22.22	22.26	22.22	21.99	22.00		
15	16QAM	1	0	22.36	22.43	22.38	22.17	22.14	22.8	1
15	16QAM	1	37	22.57	22.47	22.29	22.23	22.17		
15	16QAM	1	74	22.41	22.35	22.29	22.26	22.06		
15	16QAM	36	0	21.45	21.22	21.16	21.13	21.14	21.8	2
15	16QAM	36	20	21.25	21.25	21.21	20.96	20.92		
15	16QAM	36	39	21.41	21.32	21.25	21.04	21.05		
15	16QAM	75	0	21.00	21.09	20.84	20.73	20.72		
15	64QAM	1	0	21.31	21.32	21.24	21.01	20.96	21.8	2
15	64QAM	1	37	21.20	21.26	21.28	21.07	21.04		
15	64QAM	1	74	21.05	21.08	20.85	20.71	20.72		
15	64QAM	36	0	20.38	20.35	20.21	19.94	19.96	20.8	3
15	64QAM	36	20	20.21	20.19	20.20	20.01	19.95		
15	64QAM	36	39	20.31	20.23	20.22	19.94	19.94		
15	64QAM	75	0	20.25	20.11	20.05	19.94	19.87		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.40	23.26	23.24	23.00	22.97	23.8	0
10	QPSK	1	25	23.22	23.28	23.15	22.87	23.00		
10	QPSK	1	49	23.29	23.31	23.16	22.85	23.01		
10	QPSK	25	0	22.38	22.25	22.22	22.02	22.01	22.8	1
10	QPSK	25	12	22.18	22.21	22.17	21.93	21.91		
10	QPSK	25	25	22.26	22.16	22.18	21.99	21.92		
10	QPSK	50	0	22.20	22.28	22.14	21.97	21.97		
10	16QAM	1	0	22.34	22.42	22.33	22.28	22.24	22.8	1
10	16QAM	1	25	22.48	22.45	22.36	22.14	22.10		
10	16QAM	1	49	22.38	22.33	22.30	22.14	22.00		
10	16QAM	25	0	21.39	21.35	21.27	21.12	21.12	21.8	2
10	16QAM	25	12	21.25	21.24	21.10	21.02	20.95		
10	16QAM	25	25	21.34	21.34	21.14	21.10	21.01		
10	16QAM	50	0	20.93	20.98	20.92	20.65	20.70		
10	64QAM	1	0	21.34	21.37	21.23	21.13	20.92	21.8	2
10	64QAM	1	25	21.22	21.28	21.24	21.08	20.99		
10	64QAM	1	49	20.99	21.15	20.86	20.69	20.72		
10	64QAM	25	0	20.28	20.38	20.20	19.93	19.84	20.8	3
10	64QAM	25	12	20.20	20.26	20.07	20.01	20.09		
10	64QAM	25	25	20.25	20.29	20.15	20.00	20.02		
10	64QAM	50	0	20.20	20.13	20.17	19.97	19.80		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.39	23.37	23.24	23.02	22.95	23.8	0
5	QPSK	1	12	23.20	23.32	23.21	22.92	22.97		
5	QPSK	1	24	23.26	23.36	23.08	22.93	23.03		
5	QPSK	12	0	22.29	22.28	22.11	22.01	21.98	22.8	1
5	QPSK	12	7	22.19	22.24	22.12	21.86	21.92		
5	QPSK	12	13	22.25	22.19	22.11	21.95	21.88		
5	QPSK	25	0	22.29	22.31	22.21	22.03	21.92		
5	16QAM	1	0	22.46	22.54	22.26	22.23	22.14	22.8	1
5	16QAM	1	12	22.48	22.49	22.33	22.12	22.24		
5	16QAM	1	24	22.39	22.44	22.30	22.22	22.12		
5	16QAM	12	0	21.47	21.28	21.24	21.04	21.06	21.8	2
5	16QAM	12	7	21.24	21.30	21.15	20.95	20.94		
5	16QAM	12	13	21.38	21.30	21.23	21.01	20.94		
5	16QAM	25	0	20.97	21.02	20.92	20.78	20.75		
5	64QAM	1	0	21.33	21.31	21.16	21.01	20.94	21.8	2
5	64QAM	1	12	21.20	21.36	21.24	20.97	21.06		
5	64QAM	1	24	21.10	21.03	20.90	20.76	20.66		
5	64QAM	12	0	20.40	20.26	20.09	19.97	19.88	20.8	3
5	64QAM	12	7	20.15	20.24	20.18	20.01	20.01		
5	64QAM	12	13	20.31	20.15	20.22	19.97	20.05		
5	64QAM	25	0	20.27	20.21	20.08	20.06	19.79		

Reduced Power Mode for ECI3

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	29.90	29.95	29.95	**31.80**	20.90	20.95	20.95	**22.80**
GPRS 1 Tx slot	29.92	30.10	30.03	**31.80**	20.92	21.10	21.03	**22.80**
GPRS 2 Tx slots	26.86	27.07	26.95	**28.80**	20.86	21.07	20.95	**22.80**
GPRS 3 Tx slots	25.02	25.31	25.19	**26.80**	20.76	21.05	20.93	**22.54**
GPRS 4 Tx slots	23.87	24.08	23.94	**25.80**	20.87	21.08	20.94	**22.80**
EDGE(GMSK 1 Tx slot)	29.88	30.04	29.89	**31.80**	20.88	21.04	20.89	**22.80**
EDGE(GMSK 2 Tx slot)	26.81	26.95	26.84	**28.80**	20.81	20.95	20.84	**22.80**
EDGE(GMSK 3 Tx slot)	24.90	25.19	25.11	**26.80**	20.64	20.93	20.85	**22.54**
EDGE(GMSK 4 Tx slot)	23.88	24.06	23.85	**25.80**	20.88	21.06	20.85	**22.80**
EDGE 1 Tx slot	26.05	26.41	26.60	**27.80**	17.05	17.41	17.60	**18.80**
EDGE 2 Tx slots	23.87	23.94	24.08	**25.80**	17.87	17.94	18.08	**19.80**
EDGE 3 Tx slots	22.01	22.23	22.31	**23.30**	17.75	17.97	18.05	**19.04**
EDGE 4 Tx slots	21.26	21.54	21.63	**22.80**	18.26	18.54	18.63	**19.80**

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	31.18	31.18	31.20	**32.30**	22.18	22.18	22.20	**23.30**
GPRS 1 Tx slot	31.17	31.17	31.19	**32.30**	22.17	22.17	22.19	**23.30**
GPRS 2 Tx slots	28.84	28.85	28.68	**29.30**	22.84	22.85	22.68	**23.30**
GPRS 3 Tx slots	26.73	26.78	26.67	**27.30**	22.47	22.52	22.41	**23.04**
GPRS 4 Tx slots	25.75	25.76	25.58	**26.30**	22.75	22.76	22.58	**23.30**
EDGE(GMSK 1 Tx slot)	31.08	31.15	31.09	**32.30**	22.08	22.15	22.09	**23.30**
EDGE(GMSK 2 Tx slot)	28.68	28.69	28.60	**29.30**	22.68	22.69	22.60	**23.30**
EDGE(GMSK 3 Tx slot)	26.71	26.68	26.59	**27.30**	22.45	22.42	22.33	**23.04**
EDGE(GMSK 4 Tx slot)	25.69	25.62	25.49	**26.30**	22.69	22.62	22.49	**23.30**
EDGE 1 Tx slot	24.98	25.01	25.10	**26.80**	15.98	16.01	16.10	**17.80**
EDGE 2 Tx slots	22.80	22.80	22.95	**24.80**	16.80	16.80	16.95	**18.80**
EDGE 3 Tx slots	20.97	20.89	20.94	**22.30**	16.71	16.63	16.68	**18.04**
EDGE 4 Tx slots	20.14	20.20	20.23	**21.80**	17.14	17.20	17.23	**18.80**

GSM1900_Ant 4	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	29.51	29.78	29.88	**30.30**	20.51	20.78	20.88	**21.30**
GPRS 1 Tx slot	29.51	29.77	29.87	**30.30**	20.51	20.77	20.87	**21.30**
GPRS 2 Tx slots	27.04	27.39	27.38	**28.30**	21.04	21.39	21.38	**22.30**
GPRS 3 Tx slots	25.27	25.51	25.59	**26.30**	21.01	21.25	21.33	**22.04**
GPRS 4 Tx slots	23.98	24.11	24.14	**24.80**	20.98	21.11	21.14	**21.80**
EDGE(GMSK 1 Tx slot)	29.49	29.70	29.82	**30.30**	20.49	20.70	20.82	**21.30**
EDGE(GMSK 2 Tx slot)	26.93	27.24	27.24	**28.30**	20.93	21.24	21.24	**22.30**
EDGE(GMSK 3 Tx slot)	25.24	25.46	25.55	**26.30**	20.98	21.20	21.29	**22.04**
EDGE(GMSK 4 Tx slot)	23.96	24.11	24.13	**24.80**	20.96	21.11	21.13	**21.80**
EDGE 1 Tx slot	25.61	25.75	25.71	**26.80**	16.61	16.75	16.71	**17.80**
EDGE 2 Tx slots	22.45	22.56	22.47	**23.80**	16.45	16.56	16.47	**17.80**
EDGE 3 Tx slots	20.95	20.97	20.85	**22.30**	16.69	16.71	16.59	**18.04**
EDGE 4 Tx slots	20.06	20.10	19.99	**21.80**	17.06	17.10	16.99	**18.80**

GSM1900_Ant 3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.47	29.78	29.68	**30.80**	20.47	20.78	20.68	**21.80**
GPRS 1 Tx slot	29.46	29.73	29.67	**30.80**	20.46	20.73	20.67	**21.80**
GPRS 2 Tx slots	27.11	27.35	27.29	**28.80**	21.11	21.35	21.29	**22.80**
GPRS 3 Tx slots	25.34	25.56	25.52	**26.80**	21.08	21.30	21.26	**22.54**
GPRS 4 Tx slots	24.01	24.26	24.18	**25.30**	21.01	21.26	21.18	**22.30**
EDGE(GMSK 1 Tx slot)	29.44	29.58	29.59	**30.80**	20.44	20.58	20.59	**21.80**
EDGE(GMSK 2 Tx slot)	27.04	27.28	27.18	**28.80**	21.04	21.28	21.18	**22.80**
EDGE(GMSK 3 Tx slot)	25.23	25.54	25.48	**26.80**	20.97	21.28	21.22	**22.54**
EDGE(GMSK 4 Tx slot)	23.88	24.12	24.10	**25.30**	20.88	21.12	21.10	**22.30**
EDGE 1 Tx slot	25.60	25.82	25.65	**27.30**	16.60	16.82	16.65	**18.30**
EDGE 2 Tx slots	22.80	22.91	22.80	**24.80**	16.80	16.91	16.80	**18.80**
EDGE 3 Tx slots	20.96	21.22	20.97	**22.80**	16.70	16.96	16.71	**18.54**
EDGE 4 Tx slots	20.35	20.39	20.30	**22.30**	17.35	17.39	17.30	**19.30**

Band		WCDMA II_Ant 4			Tune-up Limit (dBm)	WCDMA II_Ant 3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	20.44	20.49	20.27	**21.30**	21.59	21.60	21.64	**22.30**
3GPP Rel 99	RMC 12.2Kbps	20.49	20.53	20.41	**21.30**	21.71	21.72	21.70	**22.30**
3GPP Rel 6	HSDPA Subtest-1	20.48	20.48	20.49	**21.30**	21.64	21.69	21.70	**22.30**
3GPP Rel 6	HSDPA Subtest-2	20.50	20.45	20.52	**21.30**	21.66	21.62	21.65	**22.30**
3GPP Rel 6	HSDPA Subtest-3	20.52	20.45	20.44	**21.30**	21.70	21.62	21.69	**22.30**
3GPP Rel 6	HSDPA Subtest-4	20.47	20.50	20.46	**21.30**	21.63	21.67	21.66	**22.30**
3GPP Rel 8	DC-HSDPA Subtest-1	20.46	20.47	20.40	**21.30**	21.61	21.54	21.55	**22.30**
3GPP Rel 8	DC-HSDPA Subtest-2	20.35	20.36	20.40	**21.30**	21.53	21.67	21.65	**22.30**
3GPP Rel 8	DC-HSDPA Subtest-3	20.51	20.48	20.45	**21.30**	21.57	21.69	21.67	**22.30**
3GPP Rel 8	DC-HSDPA Subtest-4	20.51	20.44	20.44	**21.30**	21.52	21.60	21.71	**22.30**
3GPP Rel 6	HSUPA Subtest-1	20.49	20.45	20.40	**21.30**	21.09	21.11	21.05	**21.80**
3GPP Rel 6	HSUPA Subtest-2	20.43	20.49	20.52	**21.30**	21.07	21.12	21.02	**21.80**
3GPP Rel 6	HSUPA Subtest-3	20.52	20.51	20.45	**21.30**	21.60	21.62	21.64	**22.30**
3GPP Rel 6	HSUPA Subtest-4	20.47	20.50	20.48	**21.30**	20.62	20.65	20.63	**21.80**
3GPP Rel 6	HSUPA Subtest-5	20.50	20.40	20.50	**21.30**	21.70	21.69	21.68	**22.30**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.40	20.42	20.34	**21.30**	21.00	21.07	20.95	**22.30**

Band		WCDMA IV_Ant 4			Tune-up Limit (dBm)	WCDMA IV_Ant 3			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.33	22.30	22.26	**22.80**	23.03	23.13	22.97	**23.30**
3GPP Rel 99	RMC 12.2Kbps	22.41	22.46	22.29	**22.80**	23.15	23.16	23.11	**23.30**
3GPP Rel 6	HSDPA Subtest-1	22.32	22.39	22.31	**22.80**	23.10	23.09	23.06	**23.30**
3GPP Rel 6	HSDPA Subtest-2	22.39	22.36	22.37	**22.80**	23.04	23.11	23.09	**23.30**
3GPP Rel 6	HSDPA Subtest-3	22.34	22.39	22.40	**22.80**	23.00	23.04	23.03	**23.30**
3GPP Rel 6	HSDPA Subtest-4	22.40	22.37	22.36	**22.80**	22.93	23.02	22.97	**23.30**
3GPP Rel 8	DC-HSDPA Subtest-1	22.31	22.35	22.20	**22.80**	23.03	23.07	23.01	**23.30**
3GPP Rel 8	DC-HSDPA Subtest-2	22.35	22.33	22.36	**22.80**	22.97	23.02	22.95	**23.30**
3GPP Rel 8	DC-HSDPA Subtest-3	22.35	22.31	22.33	**22.80**	22.90	22.97	22.94	**23.30**
3GPP Rel 8	DC-HSDPA Subtest-4	22.28	22.36	22.33	**22.80**	22.84	22.99	22.88	**23.30**
3GPP Rel 6	HSUPA Subtest-1	21.34	21.35	21.33	**21.80**	21.34	21.46	21.38	**21.80**
3GPP Rel 6	HSUPA Subtest-2	21.35	21.36	21.35	**21.80**	21.42	21.50	21.41	**21.80**
3GPP Rel 6	HSUPA Subtest-3	22.37	22.38	22.35	**22.80**	22.48	22.49	22.43	**22.80**
3GPP Rel 6	HSUPA Subtest-4	20.89	20.89	20.84	**21.80**	20.90	20.94	20.93	**21.80**
3GPP Rel 6	HSUPA Subtest-5	22.40	22.40	22.30	**22.80**	22.35	22.40	22.40	**22.80**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.32	21.32	21.21	**22.80**	21.34	21.49	21.28	**22.80**

Band		WCDMA V_Ant 1			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.23	21.35	21.28	**22.30**	22.09	22.20	22.13	**23.30**
3GPP Rel 99	RMC 12.2Kbps	21.31	21.38	21.34	**22.30**	22.22	22.24	22.20	**23.30**
3GPP Rel 6	HSDPA Subtest-1	21.26	21.28	21.33	**22.30**	22.04	22.09	22.08	**22.80**
3GPP Rel 6	HSDPA Subtest-2	21.24	21.26	21.30	**22.30**	21.99	22.07	22.09	**22.80**
3GPP Rel 6	HSDPA Subtest-3	21.29	21.29	21.28	**22.30**	21.54	21.60	21.61	**22.30**
3GPP Rel 6	HSDPA Subtest-4	21.21	21.30	21.34	**22.30**	21.50	21.57	21.59	**22.30**
3GPP Rel 8	DC-HSDPA Subtest-1	21.17	21.27	21.23	**22.30**	21.90	22.00	22.05	**22.80**
3GPP Rel 8	DC-HSDPA Subtest-2	21.23	21.14	21.23	**22.30**	21.89	22.01	21.96	**22.80**
3GPP Rel 8	DC-HSDPA Subtest-3	21.18	21.20	21.21	**22.30**	21.53	21.48	21.50	**22.30**
3GPP Rel 8	DC-HSDPA Subtest-4	21.19	21.15	21.31	**22.30**	21.37	21.45	21.44	**22.30**
3GPP Rel 6	HSUPA Subtest-1	20.97	20.98	20.98	**21.80**	20.05	20.08	20.03	**20.80**
3GPP Rel 6	HSUPA Subtest-2	21.01	21.01	21.02	**21.80**	20.04	20.06	20.06	**20.80**
3GPP Rel 6	HSUPA Subtest-3	21.23	21.28	21.34	**22.30**	21.06	21.09	21.07	**21.80**
3GPP Rel 6	HSUPA Subtest-4	20.52	20.55	20.49	**21.80**	19.61	19.63	19.57	**20.80**
3GPP Rel 6	HSUPA Subtest-5	21.20	21.30	21.30	**22.30**	21.50	21.10	21.10	**21.80**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.89	20.98	20.90	**22.80**	20.02	19.91	19.95	**21.80**

Band 2_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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.94	21.03	20.93		
20	QPSK	1	49	20.89	20.86	20.88	21.8	0
20	QPSK	1	99	20.92	20.90	20.83		
20	QPSK	50	0	20.93	20.97	20.87		
20	QPSK	50	24	20.90	20.89	20.81	21.8	0
20	QPSK	50	50	20.91	20.92	20.83		
20	QPSK	100	0	20.87	20.90	20.81		
20	16QAM	1	0	21.03	20.80	20.84		
20	16QAM	1	49	20.92	20.82	20.91	21.8	0
20	16QAM	1	99	20.93	20.78	20.86		
20	16QAM	50	0	21.02	20.78	20.84		
20	16QAM	50	24	20.94	20.91	20.88	21.8	0
20	16QAM	50	50	20.92	20.90	20.84		
20	16QAM	100	0	21.00	20.92	20.80		
20	64QAM	1	0	20.98	20.89	20.92		
20	64QAM	1	49	20.93	20.80	20.82	21.8	0
20	64QAM	1	99	20.92	20.82	20.89		
20	64QAM	50	0	19.90	20.07	19.96		
20	64QAM	50	24	19.83	20.03	19.89	20.8	1
20	64QAM	50	50	19.81	20.02	19.84		
20	64QAM	100	0	20.05	20.08	20.03		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.86	20.94	20.85		
15	QPSK	1	37	20.88	20.84	20.84	21.8	0
15	QPSK	1	74	20.80	20.85	20.77		
15	QPSK	36	0	20.91	20.92	20.82		
15	QPSK	36	20	20.82	20.79	20.75	21.8	0
15	QPSK	36	39	20.87	20.87	20.77		
15	QPSK	75	0	20.72	20.89	20.74		
15	16QAM	1	0	20.88	20.79	20.70		
15	16QAM	1	37	20.88	20.79	20.76	21.8	0
15	16QAM	1	74	20.90	20.71	20.74		
15	16QAM	36	0	20.95	20.70	20.72		
15	16QAM	36	20	20.84	20.78	20.86	21.8	0
15	16QAM	36	39	20.85	20.85	20.69		
15	16QAM	75	0	20.95	20.77	20.66		
15	64QAM	1	0	20.90	20.77	20.88		
15	64QAM	1	37	20.82	20.79	20.75	21.8	0
15	64QAM	1	74	20.81	20.74	20.78		
15	64QAM	36	0	19.88	20.06	19.83		
15	64QAM	36	20	19.79	19.98	19.84	20.8	1
15	64QAM	36	39	19.72	19.87	19.69		
15	64QAM	75	0	20.01	20.04	20.02		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.86	20.95	20.80		
10	QPSK	1	25	20.78	20.78	20.86	21.8	0
10	QPSK	1	49	20.79	20.78	20.74		
10	QPSK	25	0	20.79	20.91	20.85		
10	QPSK	25	12	20.85	20.87	20.79	21.8	0
10	QPSK	25	25	20.81	20.84	20.68		
10	QPSK	50	0	20.82	20.77	20.78		
10	16QAM	1	0	20.95	20.74	20.81		
10	16QAM	1	25	20.78	20.80	20.87	21.8	0
10	16QAM	1	49	20.86	20.75	20.79		
10	16QAM	25	0	20.89	20.67	20.69		
10	16QAM	25	12	20.88	20.88	20.79	21.8	0
10	16QAM	25	25	20.85	20.85	20.70		
10	16QAM	50	0	20.95	20.88	20.76		
10	64QAM	1	0	20.91	20.77	20.78		
10	64QAM	1	25	20.81	20.69	20.80	21.8	0
10	64QAM	1	49	20.88	20.73	20.80		
10	64QAM	25	0	19.77	19.97	19.91		
10	64QAM	25	12	19.82	19.93	19.76	20.8	1
10	64QAM	25	25	19.76	19.98	19.70		
10	64QAM	50	0	19.91	20.02	20.02		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.91	20.98	20.83		
5	QPSK	1	12	20.78	20.80	20.82	21.8	0
5	QPSK	1	24	20.86	20.83	20.69		
5	QPSK	12	0	20.79	20.92	20.84		
5	QPSK	12	7	20.76	20.79	20.80	21.8	0
5	QPSK	12	13	20.87	20.83	20.77		
5	QPSK	25	0	20.86	20.80	20.80		
5	16QAM	1	0	20.91	20.66	20.70		
5	16QAM	1	12	20.91	20.74	20.76	21.8	0
5	16QAM	1	24	20.78	20.72	20.73		
5	16QAM	12	0	20.91	20.75	20.78		
5	16QAM	12	7	20.88	20.78	20.77	21.8	0
5	16QAM	12	13	20.87	20.86	20.75		
5	16QAM	25	0	20.93	20.89	20.69		
5	64QAM	1	0	20.90	20.78	20.87		
5	64QAM	1	12	20.89	20.79	20.67	21.8	0
5	64QAM	1	24	20.82	20.73	20.87		
5	64QAM	12	0	19.85	19.96	19.88		
5	64QAM	12	7	19.82	19.98	19.79	20.8	1
5	64QAM	12	13	19.73	20.01	19.80		
5	64QAM	25	0	20.04	20.00	19.99		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.93	20.98	20.90		
3	QPSK	1	8	20.85	20.79	20.76	21.8	0
3	QPSK	1	14	20.87	20.79	20.68		
3	QPSK	8	0	20.92	20.84	20.73		
3	QPSK	8	4	20.85	20.84	20.72	21.8	0
3	QPSK	8	7	20.86	20.85	20.81		
3	QPSK	15	0	20.85	20.76	20.69		
3	16QAM	1	0	20.98	20.73	20.73		
3	16QAM	1	8	20.77	20.78	20.90	21.8	0
3	16QAM	1	14	20.89	20.67	20.82		
3	16QAM	8	0	20.91	20.72	20.77		
3	16QAM	8	4	20.80	20.76	20.84	21.8	0
3	16QAM	8	7	20.80	20.75	20.72		
3	16QAM	15	0	20.94	20.89	20.76		
3	64QAM	1	0	20.83	20.83	20.79		
3	64QAM	1	8	20.89	20.76	20.74	21.8	0
3	64QAM	1	14	20.87	20.68	20.75		
3	64QAM	8	0	19.76	20.02	19.89		
3	64QAM	8	4	19.72	20.00	19.74	20.8	1
3	64QAM	8	7	19.69	19.99	19.78		
3	64QAM	15	0	20.00	19.93	20.02		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.86	20.89	20.89		
1.4	QPSK	1	3	20.86	20.80	20.84		
1.4	QPSK	1	5	20.90	20.85	20.77	21.8	0
1.4	QPSK	3	0	20.84	20.95	20.84		
1.4	QPSK	3	1	20.81	20.80	20.73		
1.4	QPSK	3	3	20.86	20.78	20.73		
1.4	QPSK	6	0	20.85	20.81	20.74	21.8	0
1.4	16QAM	1	0	20.94	20.76	20.82		
1.4	16QAM	1	3	20.84	20.78	20.76		
1.4	16QAM	1	5	20.90	20.77	20.71	21.8	0
1.4	16QAM	3	0	20.87	20.69	20.83		
1.4	16QAM	3	1	20.90	20.79	20.81		
1.4	16QAM	3	3	20.86	20.76	20.79		
1.4	16QAM	6	0	20.92	20.81	20.70	21.8	0
1.4	64QAM	1	0	20.89	20.81	20.88		
1.4	64QAM	1	3	20.84	20.74	20.67		
1.4	64QAM	1	5	20.82	20.75	20.81	21.8	0
1.4	64QAM	3	0	20.79	20.80	20.78		
1.4	64QAM	3	1	20.73	20.68	20.60		
1.4	64QAM	3	3	20.74	20.71	20.70		
1.4	64QAM	6	0	19.95	19.97	19.97	20.8	1

Band 2_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.46	22.48	22.45		
20	QPSK	1	49	22.36	22.30	22.26	22.8	0
20	QPSK	1	99	22.35	22.31	22.21		
20	QPSK	50	0	22.31	22.39	22.37		
20	QPSK	50	24	22.25	22.23	22.27	22.8	0
20	QPSK	50	50	22.27	22.24	22.33		
20	QPSK	100	0	22.17	22.31	22.23		
20	16QAM	1	0	22.39	22.41	22.40		
20	16QAM	1	49	22.40	22.33	22.43	22.8	0
20	16QAM	1	99	22.32	22.39	22.38		
20	16QAM	50	0	21.14	21.17	21.22		
20	16QAM	50	24	21.16	21.19	21.18	21.8	1
20	16QAM	50	50	21.06	21.21	21.19		
20	16QAM	100	0	21.15	21.24	21.20		
20	64QAM	1	0	21.20	21.38	21.24		
20	64QAM	1	49	21.41	21.39	21.38	21.8	1
20	64QAM	1	99	21.25	21.33	21.27		
20	64QAM	50	0	20.20	20.15	20.20		
20	64QAM	50	24	20.02	20.14	20.04	20.8	2
20	64QAM	50	50	20.17	20.17	20.09		
20	64QAM	100	0	20.15	20.21	20.10		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.40	22.37	22.34		
15	QPSK	1	37	22.21	22.26	22.14	22.8	0
15	QPSK	1	74	22.26	22.21	22.16		
15	QPSK	36	0	22.26	22.31	22.27		
15	QPSK	36	20	22.24	22.11	22.18	22.8	0
15	QPSK	36	39	22.26	22.21	22.21		
15	QPSK	75	0	22.10	22.23	22.20		
15	16QAM	1	0	22.35	22.28	22.27		
15	16QAM	1	37	22.36	22.29	22.38	22.8	0
15	16QAM	1	74	22.22	22.28	22.32		
15	16QAM	36	0	21.07	21.14	21.21		
15	16QAM	36	20	21.12	21.15	21.08	21.8	1
15	16QAM	36	39	21.02	21.17	21.17		
15	16QAM	75	0	21.09	21.14	21.10		
15	64QAM	1	0	21.09	21.29	21.12		
15	64QAM	1	37	21.37	21.29	21.23	21.8	1
15	64QAM	1	74	21.17	21.20	21.19		
15	64QAM	36	0	20.14	20.09	20.14		
15	64QAM	36	20	19.95	20.04	19.97	20.8	2
15	64QAM	36	39	20.11	20.09	20.02		
15	64QAM	75	0	20.03	20.09	20.08		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.35	22.34	22.31		
10	QPSK	1	25	22.32	22.28	22.24	22.8	0
10	QPSK	1	49	22.26	22.17	22.11		
10	QPSK	25	0	22.26	22.28	22.28		
10	QPSK	25	12	22.17	22.19	22.17	22.8	0
10	QPSK	25	25	22.14	22.17	22.28		
10	QPSK	50	0	22.06	22.18	22.12		
10	16QAM	1	0	22.45	22.27	22.39		
10	16QAM	1	25	22.34	22.22	22.32	22.8	0
10	16QAM	1	49	22.17	22.24	22.24		
10	16QAM	25	0	21.08	21.14	21.14		
10	16QAM	25	12	21.11	21.04	21.15	21.8	1
10	16QAM	25	25	20.96	21.15	21.10		
10	16QAM	50	0	21.05	21.15	21.10		
10	64QAM	1	0	21.16	21.34	21.20		
10	64QAM	1	25	21.38	21.36	21.24	21.8	1
10	64QAM	1	49	21.22	21.23	21.17		
10	64QAM	25	0	20.18	20.02	20.10		
10	64QAM	25	12	19.94	20.11	19.99	20.8	2
10	64QAM	25	25	20.10	20.07	19.95		
10	64QAM	50	0	20.03	20.13	20.07		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.42	22.47	22.35		
5	QPSK	1	12	22.22	22.18	22.17	22.8	0
5	QPSK	1	24	22.27	22.23	22.09		
5	QPSK	12	0	22.25	22.29	22.23		
5	QPSK	12	7	22.15	22.09	22.14	22.8	0
5	QPSK	12	13	22.13	22.19	22.29		
5	QPSK	25	0	22.15	22.22	22.18		
5	16QAM	1	0	22.36	22.30	22.36		
5	16QAM	1	12	22.36	22.29	22.33	22.8	0
5	16QAM	1	24	22.27	22.28	22.30		
5	16QAM	12	0	21.05	21.11	21.08		
5	16QAM	12	7	21.05	21.12	21.07	21.8	1
5	16QAM	12	13	20.98	21.18	21.07		
5	16QAM	25	0	21.11	21.12	21.19		
5	64QAM	1	0	21.10	21.26	21.09		
5	64QAM	1	12	21.31	21.35	21.36	21.8	1
5	64QAM	1	24	21.24	21.32	21.17		
5	64QAM	12	0	20.19	20.12	20.15		
5	64QAM	12	7	19.95	20.07	20.01	20.8	2
5	64QAM	12	13	20.13	20.08	20.06		
5	64QAM	25	0	20.07	20.14	19.98		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.33	22.34	22.34		
3	QPSK	1	8	22.28	22.16	22.12	22.8	0
3	QPSK	1	14	22.20	22.29	22.08		
3	QPSK	8	0	22.28	22.32	22.32		
3	QPSK	8	4	22.12	22.22	22.14	22.8	0
3	QPSK	8	7	22.12	22.18	22.25		
3	QPSK	15	0	22.15	22.23	22.19		
3	16QAM	1	0	22.40	22.39	22.34		
3	16QAM	1	8	22.36	22.23	22.34	22.8	0
3	16QAM	1	14	22.29	22.38	22.34		
3	16QAM	8	0	21.05	21.11	21.19		
3	16QAM	8	4	21.14	21.16	21.10	21.8	1
3	16QAM	8	7	20.99	21.13	21.05		
3	16QAM	15	0	21.11	21.18	21.14		
3	64QAM	1	0	21.10	21.28	21.10		
3	64QAM	1	8	21.38	21.33	21.26	21.8	1
3	64QAM	1	14	21.18	21.30	21.16		
3	64QAM	8	0	20.05	20.01	20.10		
3	64QAM	8	4	19.95	20.00	19.99	20.8	2
3	64QAM	8	7	20.02	20.13	19.94		
3	64QAM	15	0	20.10	20.16	20.08		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.32	22.34	22.40		
1.4	QPSK	1	3	22.23	22.29	22.12		
1.4	QPSK	1	5	22.24	22.25	22.11	22.8	0
1.4	QPSK	3	0	22.28	22.30	22.23		
1.4	QPSK	3	1	22.23	22.22	22.23		
1.4	QPSK	3	3	22.22	22.13	22.31		
1.4	QPSK	6	0	22.05	22.23	22.19	22.8	0
1.4	16QAM	1	0	22.40	22.40	22.37		
1.4	16QAM	1	3	22.39	22.18	22.39		
1.4	16QAM	1	5	22.17	22.25	22.26	22.8	0
1.4	16QAM	3	0	22.36	22.38	22.36		
1.4	16QAM	3	1	22.26	22.17	22.25		
1.4	16QAM	3	3	22.03	22.23	22.17		
1.4	16QAM	6	0	21.00	21.23	21.11	21.8	1
1.4	64QAM	1	0	21.19	21.36	21.19		
1.4	64QAM	1	3	21.38	21.25	21.27		
1.4	64QAM	1	5	21.13	21.32	21.12	21.8	1
1.4	64QAM	3	0	21.08	21.35	21.04		
1.4	64QAM	3	1	21.26	21.17	21.18		
1.4	64QAM	3	3	21.04	21.20	21.03		
1.4	64QAM	6	0	20.13	20.12	19.98	20.8	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.58	21.63	21.53		
20	QPSK	1	49	21.51	21.53	21.45	21.8	0
20	QPSK	1	99	21.35	21.49	21.39		
20	QPSK	50	0	20.40	20.46	20.38		
20	QPSK	50	24	20.35	20.45	20.32	20.8	1
20	QPSK	50	50	20.33	20.44	20.36		
20	QPSK	100	0	20.37	20.43	20.42		
20	16QAM	1	0	20.58	20.64	20.53		
20	16QAM	1	49	20.44	20.51	20.40	20.8	1
20	16QAM	1	99	20.47	20.59	20.42		
20	16QAM	50	0	19.36	19.29	19.33		
20	16QAM	50	24	19.53	19.56	19.49	19.8	2
20	16QAM	50	50	19.38	19.40	19.28		
20	16QAM	100	0	19.37	19.51	19.33		
20	64QAM	1	0	19.52	19.55	19.49		
20	64QAM	1	49	19.36	19.47	19.37	19.8	2
20	64QAM	1	99	19.46	19.52	19.33		
20	64QAM	50	0	18.29	18.39	18.30		
20	64QAM	50	24	18.55	18.56	18.47	18.8	3
20	64QAM	50	50	18.43	18.43	18.38		
20	64QAM	100	0	18.32	18.57	18.36		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.54	21.57	21.49		
15	QPSK	1	37	21.45	21.43	21.33	21.8	0
15	QPSK	1	74	21.27	21.39	21.28		
15	QPSK	36	0	20.30	20.37	20.35		
15	QPSK	36	20	20.29	20.31	20.22	20.8	1
15	QPSK	36	39	20.30	20.39	20.31		
15	QPSK	75	0	20.35	20.29	20.37		
15	16QAM	1	0	20.50	20.54	20.48		
15	16QAM	1	37	20.35	20.40	20.33	20.8	1
15	16QAM	1	74	20.41	20.49	20.37		
15	16QAM	36	0	19.30	19.23	19.23		
15	16QAM	36	20	19.43	19.49	19.41	19.8	2
15	16QAM	36	39	19.29	19.34	19.13		
15	16QAM	75	0	19.24	19.46	19.25		
15	64QAM	1	0	19.42	19.49	19.35		
15	64QAM	1	37	19.34	19.43	19.22	19.8	2
15	64QAM	1	74	19.44	19.39	19.31		
15	64QAM	36	0	18.25	18.28	18.18		
15	64QAM	36	20	18.41	18.43	18.37	18.8	3
15	64QAM	36	39	18.39	18.31	18.25		
15	64QAM	75	0	18.24	18.53	18.27		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.60	21.43	21.50		
10	QPSK	1	25	21.43	21.45	21.38	21.8	0
10	QPSK	1	49	21.28	21.37	21.25		
10	QPSK	25	0	20.25	20.35	20.23		
10	QPSK	25	12	20.27	20.42	20.29	20.8	1
10	QPSK	25	25	20.28	20.40	20.27		
10	QPSK	50	0	20.31	20.28	20.28		
10	16QAM	1	0	20.57	20.63	20.44		
10	16QAM	1	25	20.43	20.44	20.32	20.8	1
10	16QAM	1	49	20.37	20.44	20.30		
10	16QAM	25	0	19.33	19.23	19.24		
10	16QAM	25	12	19.51	19.51	19.41	19.8	2
10	16QAM	25	25	19.26	19.29	19.22		
10	16QAM	50	0	19.34	19.49	19.21		
10	64QAM	1	0	19.39	19.40	19.43		
10	64QAM	1	25	19.24	19.43	19.32	19.8	2
10	64QAM	1	49	19.42	19.37	19.24		
10	64QAM	25	0	18.21	18.31	18.22		
10	64QAM	25	12	18.54	18.48	18.33	18.8	3
10	64QAM	25	25	18.41	18.34	18.32		
10	64QAM	50	0	18.30	18.54	18.26		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.60	21.52	21.43		
5	QPSK	1	12	21.49	21.46	21.30	21.8	0
5	QPSK	1	24	21.30	21.34	21.34		
5	QPSK	12	0	20.26	20.42	20.24		
5	QPSK	12	7	20.30	20.32	20.25	20.8	1
5	QPSK	12	13	20.30	20.33	20.32		
5	QPSK	25	0	20.23	20.35	20.40		
5	16QAM	1	0	20.57	20.54	20.39		
5	16QAM	1	12	20.32	20.36	20.39	20.8	1
5	16QAM	1	24	20.34	20.58	20.36		
5	16QAM	12	0	19.24	19.22	19.25		
5	16QAM	12	7	19.47	19.50	19.41	19.8	2
5	16QAM	12	13	19.34	19.27	19.18		
5	16QAM	25	0	19.34	19.45	19.31		
5	64QAM	1	0	19.49	19.53	19.47		
5	64QAM	1	12	19.24	19.34	19.22	19.8	2
5	64QAM	1	24	19.35	19.40	19.25		
5	64QAM	12	0	18.15	18.24	18.24		
5	64QAM	12	7	18.51	18.50	18.43	18.8	3
5	64QAM	12	13	18.42	18.35	18.23		
5	64QAM	25	0	18.22	18.44	18.22		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.52	21.49	21.51		
3	QPSK	1	8	21.42	21.43	21.31	21.8	0
3	QPSK	1	14	21.27

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.08	22.11	22.02		
20	QPSK	1	49	22.07	21.98	21.98	23	0
20	QPSK	1	99	22.03	22.06	21.95		
20	QPSK	50	0	22.03	22.07	21.96		
20	QPSK	50	24	21.99	22.00	21.95	23	0
20	QPSK	50	50	21.95	21.93	21.91		
20	QPSK	100	0	21.95	22.04	21.91		
20	16QAM	1	0	21.97	21.98	21.93		
20	16QAM	1	49	21.98	21.97	21.87	23	0
20	16QAM	1	99	21.96	22.04	21.92		
20	16QAM	50	0	21.57	21.77	21.79		
20	16QAM	50	24	21.67	21.81	21.72	23	0
20	16QAM	50	50	21.69	21.76	21.73		
20	16QAM	100	0	21.64	21.77	21.70		
20	64QAM	1	0	21.97	21.97	21.90		
20	64QAM	1	49	21.68	21.92	21.74	23	0
20	64QAM	1	99	21.70	21.81	21.74		
20	64QAM	50	0	20.63	20.82	20.68		
20	64QAM	50	24	20.66	20.79	20.81	22	1
20	64QAM	50	50	20.70	20.84	20.59		
20	64QAM	100	0	20.75	20.82	20.83		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.00	22.07	21.98		
15	QPSK	1	37	21.98	21.95	21.87	23	0
15	QPSK	1	74	21.90	22.04	21.92		
15	QPSK	36	0	21.95	21.99	21.94		
15	QPSK	36	20	21.95	21.88	21.94	23	0
15	QPSK	36	39	21.90	21.80	21.79		
15	QPSK	75	0	21.80	21.89	21.85		
15	16QAM	1	0	21.89	21.89	21.84		
15	16QAM	1	37	21.91	21.94	21.76	23	0
15	16QAM	1	74	21.87	21.98	21.88		
15	16QAM	36	0	21.48	21.76	21.75		
15	16QAM	36	20	21.62	21.78	21.62	23	0
15	16QAM	36	39	21.61	21.66	21.68		
15	16QAM	75	0	21.63	21.72	21.67		
15	64QAM	1	0	21.87	21.96	21.76		
15	64QAM	1	37	21.59	21.81	21.60	23	0
15	64QAM	1	74	21.64	21.67	21.67		
15	64QAM	36	0	20.58	20.77	20.66		
15	64QAM	36	20	20.55	20.76	20.70	22	1
15	64QAM	36	39	20.63	20.82	20.54		
15	64QAM	75	0	20.72	20.74	20.80		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.05	22.00	21.90		
10	QPSK	1	25	21.99	21.96	21.90	23	0
10	QPSK	1	49	22.02	21.97	21.84		
10	QPSK	25	0	21.94	21.92	21.84		
10	QPSK	25	12	21.92	21.85	21.91	23	0
10	QPSK	25	25	21.92	21.78	21.77		
10	QPSK	50	0	21.88	21.93	21.80		
10	16QAM	1	0	21.87	21.84	21.81		
10	16QAM	1	25	21.83	21.95	21.77	23	0
10	16QAM	1	49	21.86	21.95	21.88		
10	16QAM	25	0	21.53	21.68	21.71		
10	16QAM	25	12	21.65	21.74	21.65	23	0
10	16QAM	25	25	21.55	21.70	21.65		
10	16QAM	50	0	21.62	21.65	21.68		
10	64QAM	1	0	21.83	21.85	21.81		
10	64QAM	1	25	21.65	21.78	21.66	23	0
10	64QAM	1	49	21.68	21.77	21.67		
10	64QAM	25	0	20.51	20.76	20.55		
10	64QAM	25	12	20.59	20.67	20.72	22	1
10	64QAM	25	25	20.62	20.79	20.58		
10	64QAM	50	0	20.63	20.81	20.74		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.00	22.07	21.94		
5	QPSK	1	12	21.95	21.96	21.94	23	0
5	QPSK	1	24	21.92	21.95	21.92		
5	QPSK	12	0	21.90	22.04	21.87		
5	QPSK	12	7	21.87	21.99	21.92	23	0
5	QPSK	12	13	21.84	21.87	21.85		
5	QPSK	25	0	21.90	22.00	21.85		
5	16QAM	1	0	21.84	21.93	21.79		
5	16QAM	1	12	21.90	21.88	21.75	23	0
5	16QAM	1	24	21.89	22.02	21.77		
5	16QAM	12	0	21.52	21.69	21.75		
5	16QAM	12	7	21.52	21.71	21.62	23	0
5	16QAM	12	13	21.66	21.67	21.65		
5	16QAM	25	0	21.50	21.62	21.64		
5	64QAM	1	0	21.82	21.88	21.82		
5	64QAM	1	12	21.57	21.77	21.73	23	0
5	64QAM	1	24	21.63	21.66	21.71		
5	64QAM	12	0	20.48	20.77	20.54		
5	64QAM	12	7	20.56	20.69	20.72	22	1
5	64QAM	12	13	20.68	20.73	20.53		
5	64QAM	25	0	20.71	20.81	20.76		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.00	22.00	21.88		
3	QPSK	1	8	21.99	21.97	21.88	23	0
3	QPSK	1	14	21.96	22.04	21.86		
3	QPSK	8	0	21.93	21.98	21.82		
3	QPSK	8	4	21.97	21.88	21.85	23	0
3	QPSK	8	7	21.80	21.91	21.90		
3	QPSK	15	0	21.88	21.89	21.80		
3	16QAM	1	0	21.88	21.86	21.82		
3	16QAM	1	8	21.83	21.95	21.75	23	0
3	16QAM	1	14	21.86	22.00	21.90		
3	16QAM	8	0	21.44	21.64	21.70		
3	16QAM	8	4	21.66	21.75	21.63	23	0
3	16QAM	8	7	21.67	21.62	21.68		
3	16QAM	15	0	21.61	21.73	21.62		
3	64QAM	1	0	21.92	21.86	21.76		
3	64QAM	1	8	21.61	21.79	21.64	23	0
3	64QAM	1	14	21.61	21.78	21.64		
3	64QAM	8	0	20.49	20.67	20.53		
3	64QAM	8	4	20.54	20.64	20.70	22	1
3	64QAM	8	7	20.66	20.78	20.53		
3	64QAM	15	0	20.64	20.67	20.78		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.93	21.96	21.92		
1.4	QPSK	1	3	21.98	21.97	21.84		
1.4	QPSK	1	5	21.99	22.05	21.82	23	0
1.4	QPSK	3	0	22.00	22.03	21.85		
1.4	QPSK	3	1	21.91	21.93	21.84		
1.4	QPSK	3	3	21.91	21.83	21.85		
1.4	QPSK	6	0	21.80	22.00	21.90	23	0
1.4	16QAM	1	0	21.83	21.83	21.84		
1.4	16QAM	1	3	21.94	21.84	21.77		
1.4	16QAM	1	5	21.81	21.89	21.88	23	0
1.4	16QAM	3	0	21.54	21.73	21.77		
1.4	16QAM	3	1	21.60	21.76	21.64		
1.4	16QAM	3	3	21.54	21.71	21.68		
1.4	16QAM	6	0	21.58	21.76	21.64	23	0
1.4	64QAM	1	0	21.94	21.84	21.77		
1.4	64QAM	1	3	21.57	21.82	21.60		
1.4	64QAM	1	5	21.60	21.76	21.73	23	0
1.4	64QAM	3	0	21.92	21.70	21.62		
1.4	64QAM	3	1	21.54	21.68	21.48		
1.4	64QAM	3	3	21.54	21.66	21.60		
1.4	64QAM	6	0	20.60	20.81	20.69	22	1

Band 4_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.07	23.08	23.02		
20	QPSK	1	49	22.93	22.85	23.01	23.5	0
20	QPSK	1	99	22.98	22.85	22.92		
20	QPSK	50	0	22.96	23.04	22.98		
20	QPSK	50	24	22.91	22.88	22.91	23.5	0
20	QPSK	50	50	22.94	22.87	22.90		
20	QPSK	100	0	22.94	22.97	22.87		
20	16QAM	1	0	22.98	22.90	22.96		
20	16QAM	1	49	23.02	22.88	22.93	23.5	0
20	16QAM	1	99	23.01	22.94	22.88		
20	16QAM	50	0	22.19	22.21	22.12		
20	16QAM	50	24	22.11	22.25	22.15	23	0.5
20	16QAM	50	50	22.16	22.26	22.12		
20	16QAM	100	0	22.29	22.23	22.29		
20	64QAM	1	0	22.39	22.50	22.29		
20	64QAM	1	49	22.34	22.38	22.33	23	0.5
20	64QAM	1	99	22.17	22.18	22.15		
20	64QAM	50	0	21.08	21.30	21.09		
20	64QAM	50	24	21.27	21.36	21.12	22	1.5
20	64QAM	50	50	21.23	21.21	21.17		
20	64QAM	100	0	21.21	21.30	21.14		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.06	23.02	22.88		
15	QPSK	1	37	22.88	22.70	22.88	23.5	0
15	QPSK	1	74	22.83	22.82	22.90		
15	QPSK	36	0	22.86	22.89	22.86		
15	QPSK	36	20	22.78	22.85	22.79	23.5	0
15	QPSK	36	39	22.82	22.74	22.75		
15	QPSK	75	0	22.83	22.85	22.76		
15	16QAM	1	0	22.86	22.84	22.89		
15	16QAM	1	37	22.92	22.80	22.92	23.5	0
15	16QAM	1	74	22.97	22.81	22.73		
15	16QAM	36	0	22.16	22.16	21.99		
15	16QAM	36	20	21.96	22.14	22.06	23	0.5
15	16QAM	36	39	22.01	22.13	22.09		
15	16QAM	75	0	22.27	22.10	22.17		
15	64QAM	1	0	22.37	22.39	22.20		
15	64QAM	1	37	22.20	22.24	22.23	23	0.5
15	64QAM	1	74	22.09	22.12	22.08		
15	64QAM	36	0	21.01	21.26	21.07		
15	64QAM	36	20	21.23	21.25	20.99	22	1.5
15	64QAM	36	39	21.11	21.06	21.06		
15	64QAM	75	0	21.19	21.17	21.01		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.05	23.06	22.94		
10	QPSK	1	25	22.85	22.77	22.89	23.5	0
10	QPSK	1	49	22.96	22.75	22.82		
10	QPSK	25	0	22.93	23.01	22.83		
10	QPSK	25	12	22.86	22.74	22.87	23.5	0
10	QPSK	25	25	22.93	22.80	22.81		
10	QPSK	50	0	22.92	22.96	22.81		
10	16QAM	1	0	22.90	22.84	22.89		
10	16QAM	1	25	22.99	22.87	22.87	23.5	0
10	16QAM	1	49	22.87	22.88	22.85		
10	16QAM	25	0	22.18	22.14	22.09		
10	16QAM	25	12	21.98	22.22	22.03	23	0.5
10	16QAM	25	25	22.07	22.13	22.10		
10	16QAM	50	0	22.28	22.09	22.19		
10	64QAM	1	0	22.27	22.44	22.20		
10	64QAM	1	25	22.23	22.23	22.27	23	0.5
10	64QAM	1	49	22.06	22.11	22.10		
10	64QAM	25	0	20.98	21.20	20.99		
10	64QAM	25	12	21.16	21.30	21.03	22	1.5
10	64QAM	25	25	21.10	21.07	21.07		
10	64QAM	50	0	21.07	21.26	21.00		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.93	23.02	22.94		
5	QPSK	1	12	22.86	22.72	22.86	23.5	0
5	QPSK	1	24	22.83	22.77	22.84		
5	QPSK	12	0	22.89	22.96	22.83		
5	QPSK	12	7	22.85	22.79	22.86	23.5	0
5	QPSK	12	13	22.80	22.76	22.79		
5	QPSK	25	0	22.83	22.89	22.80		
5	16QAM	1	0	22.92	22.79	22.90		
5	16QAM	1	12	22.91	22.80	22.90	23.5	0
5	16QAM	1	24	22.95	22.93	22.84		
5	16QAM	12	0	22.15	22.11	22.06		
5	16QAM	12	7	22.01	22.11	22.05	23	0.5
5	16QAM	12	13	22.04	22.20	21.97		
5	16QAM	25	0	22.18	22.21	22.18		
5	64QAM	1	0	22.31	22.41	22.23		
5	64QAM	1	12	22.20	22.37	22.18	23	0.5
5	64QAM	1	24	22.04	22.15	22.04		
5	64QAM	12	0	21.01	21.16	21.05		
5	64QAM	12	7	21.24	21.31	21.07	22	1.5
5	64QAM	12	13	21.17	21.08	21.10		
5	64QAM	25	0	21.08	21.25	21.09		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.98	22.94	22.88		
3	QPSK	1	8	22.82	22.72	22.89	23.5	0
3	QPSK	1	14	22.89	22.76	22.77		
3	QPSK	8	0	22.86	22.99	22.97		
3	QPSK	8	4	22.83	22.86	22.78	23.5	0
3	QPSK	8	7	22.92	22.84	22.88		
3	QPSK	15	0	22.92	22.92	22.82		
3	16QAM	1	0	22.93	22.75	22.93		
3	16QAM	1	8	22.87	22.77	22.90	23.5	0
3	16QAM	1	14	22.88	22.92	22.75		
3	16QAM	8	0	22.17	22.17	22.00		
3	16QAM	8	4	22.00	22.11	22.03	23	0.5
3	16QAM	8	7	22.05	22.22	22.03		
3	16QAM	15	0	22.21	22.14	22.26		
3	64QAM	1	0	22.24	22.36	22.18		
3	64QAM	1	8	22.30	22.35	22.18	23	0.5
3	64QAM	1	14	22.09	22.06	22.09		
3	64QAM	8	0	21.01	21.16	21.07		
3	64QAM	8	4	21.23	21.25	21.07	22	1.5
3	64QAM	8	7	21.08	21.18	21.16		
3	64QAM	15	0	21.18	21.27	21.08		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.04	23.01	22.90		
1.4	QPSK	1	3	22.82	22.71	22.95		
1.4	QPSK	1	5	22.89	22.70	22.80	23.5	0
1.4	QPSK	3	0	22.89	22.96	22.97		
1.4	QPSK	3	1	22.80	22.75	22.86		
1.4	QPSK	3	3	22.84	22.85	22.75		
1.4	QPSK	6	0	22.85	22.91	22.84	23.5	0
1.4	16QAM	1	0	22.85	22.89	22.85		
1.4	16QAM	1	3	22.98	22.81	22.90		
1.4	16QAM	1	5	22.86	22.89	22.82	23.5	0
1.4	16QAM	3	0	22.83	22.78	22.74		
1.4	16QAM	3	1	22.88	22.77	22.89		
1.4	16QAM	3	3	22.75	22.76	22.73		
1.4	16QAM	6	0	22.18	22.10	22.25	23	0.5
1.4	64QAM	1	0	22.30	22.38	22.16		
1.4	64QAM	1	3	22.33	22.29	22.26		
1.4	64QAM	1	5	22.04	22.03	22.04	23	0.5
1.4	64QAM	3	0	22.28	22.29	22.07		
1.4	64QAM	3	1	22.29	22.28	22.18		
1.4	64QAM	3	3	21.99	22.00	22.02		
1.4	64QAM	6	0	21.09	21.24	21.00	22	1.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.39	22.40	22.30		
20	QPSK	1	49	22.30	22.25	22.24	23	0
20	QPSK	1	99	22.09	22.14	22.10		
20	QPSK	50	0	21.38	21.40	21.25		
20	QPSK	50	24	21.23	21.28	21.16	22	1
20	QPSK	50	50	21.33	21.27	21.24		
20	QPSK	100	0	21.36	21.39	21.22		
20	16QAM	1	0	21.54	21.58	21.51		
20	16QAM	1	49	21.62	21.55	21.43	22	1
20	16QAM	1	99	21.33	21.37	21.22		
20	16QAM	50	0	20.35	20.28	20.21		
20	16QAM	50	24	20.27	20.30	20.26	21	2
20	16QAM	50	50	20.25	20.25	20.15		
20	16QAM	100	0	20.29	20.27	20.25		
20	64QAM	1	0	20.54	20.45	20.33		
20	64QAM	1	49	20.40	20.41	20.28	21	2
20	64QAM	1	99	20.41	20.32	20.30		
20	64QAM	50	0	19.31	19.28	19.19		
20	64QAM	50	24	19.33	19.30	19.15	20	3
20	64QAM	50	50	19.33	19.25	19.21		
20	64QAM	100	0	19.29	19.30	19.24		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.36	22.19	22.29		
15	QPSK	1	37	22.23	22.13	22.19	23	0
15	QPSK	1	74	22.01	22.10	21.95		
15	QPSK	36	0	21.28	21.29	21.24		
15	QPSK	36	20	21.20	21.15	21.04	22	1
15	QPSK	36	39	21.23	21.20	21.09		
15	QPSK	75	0	21.30	21.15	21.12		
15	16QAM	1	0	21.53	21.50	21.42		
15	16QAM	1	37	21.52	21.41	21.30	22	1
15	16QAM	1	74	21.23	21.31	21.17		
15	16QAM	36	0	20.33	20.18	20.10		
15	16QAM	36	20	20.14	20.25	20.18	21	2
15	16QAM	36	39	20.22	20.19	20.00		
15	16QAM	75	0	20.28	20.17	20.17		
15	64QAM	1	0	20.50	20.30	20.29		
15	64QAM	1	37	20.38	20.34	20.26	21	2
15	64QAM	1	74	20.33	20.28	20.29		
15	64QAM	36	0	19.27	19.16	19.04		
15	64QAM	36	20	19.22	19.18	19.14	20	3
15	64QAM	36	39	19.26	19.15	19.13		
15	64QAM	75	0	19.16	19.15	19.09		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.25	22.24	22.19		
10	QPSK	1	25	22.22	22.16	22.13	23	0
10	QPSK	1	49	22.04	22.13	21.98		
10	QPSK	25	0	21.36	21.29	21.21		
10	QPSK	25	12	21.17	21.22	21.15	22	1
10	QPSK	25	25	21.30	21.24	21.09		
10	QPSK	50	0	21.24	21.14	21.17		
10	16QAM	1	0	21.39	21.47	21.50		
10	16QAM	1	25	21.50	21.51	21.32	22	1
10	16QAM	1	49	21.23	21.34	21.12		
10	16QAM	25	0	20.27	20.24	20.08		
10	16QAM	25	12	20.25	20.15	20.16	21	2
10	16QAM	25	25	20.24	20.19	20.00		
10	16QAM	50	0	20.18	20.18	20.24		
10	64QAM	1	0	20.51	20.38	20.30		
10	64QAM	1	25	20.38	20.35	20.22	21	2
10	64QAM	1	49	20.37	20.19	20.15		
10	64QAM	25	0	19.26	19.15	19.06		
10	64QAM	25	12	19.20	19.29	19.06	20	3
10	64QAM	25	25	19.31	19.22	19.14		
10	64QAM	50	0	19.22	19.27	19.21		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.32	22.27	22.25		
5	QPSK	1	12	22.16	22.18	22.18	23	0
5	QPSK	1	24	22.05	22.11	22.01		
5	QPSK	12	0	21.31	21.24	21.15		
5	QPSK	12	7	21.14	21.21	21.03	22	1
5	QPSK	12	13	21.26	21.13	21.15		
5	QPSK	25	0	21.32	21.21	21.15		
5	16QAM	1	0	21.43	21.43	21.47		
5	16QAM	1	12	21.58	21.49	21.30	22	1
5	16QAM	1	24	21.30	21.30	21.15		
5	16QAM	12	0	20.31	20.14	20.08		
5	16QAM	12	7	20.21	20.25	20.20	21	2
5	16QAM	12	13	20.19	20.12	20.01		
5	16QAM	25	0	20.28	20.26	20.11		
5	64QAM	1	0	20.50	20.37	20.30		
5	64QAM	1	12	20.30	20.36	20.17	21	2
5	64QAM	1	24	20.27	20.19	20.20		
5	64QAM	12	0	19.17	19.13	19.10		
5	64QAM	12	7	19.26	19.26	19.10	20	3
5	64QAM	12	13	19.20	19.19	19.06		
5	64QAM	25	0	19.17	19.15	19.20		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.28	22.29	22.19		
3	QPSK	1	8	22.18	22.19	22.09	23	0
3	QPSK	1	14	22.08	21.99	22.07		
3	QPSK	8	0	21.34	21.19	21.13		
3	QPSK	8	4	21.13	21.23	21.08

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BW [MHz]	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	22.28	22.40	22.36		
10	QPSK	1	25	22.14	22.25	22.34	23.5	0
10	QPSK	1	49	22.18	22.26	22.29		
10	QPSK	25	0	22.23	22.34	22.33		
10	QPSK	25	12	22.11	22.25	22.21	23.5	0
10	QPSK	25	25	22.08	22.19	22.23		
10	QPSK	50	0	22.18	22.33	22.24		
10	16QAM	1	0	22.22	22.32	22.26		
10	16QAM	1	25	22.06	22.10	22.23	23.5	0
10	16QAM	1	49	22.15	22.13	22.26		
10	16QAM	25	0	21.78	21.86	21.85		
10	16QAM	25	12	21.71	21.83	21.72	23	0.5
10	16QAM	25	25	21.74	21.81	21.76		
10	16QAM	50	0	21.73	21.83	21.77		
10	64QAM	1	0	21.86	21.95	21.92		
10	64QAM	1	25	21.90	21.99	21.91	23	0.5
10	64QAM	1	49	21.94	21.98	21.93		
10	64QAM	25	0	20.70	20.84	20.78		
10	64QAM	25	12	20.79	20.81	20.76	22	1.5
10	64QAM	25	25	20.66	20.80	20.77		
10	64QAM	50	0	20.82	20.83	20.71		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.16	22.22	22.31		
5	QPSK	1	12	22.13	22.11	22.28	23.5	0
5	QPSK	1	24	22.07	22.11	22.25		
5	QPSK	12	0	22.19	22.25	22.19		
5	QPSK	12	7	22.02	22.24	22.06	23.5	0
5	QPSK	12	13	22.04	22.08	22.19		
5	QPSK	25	0	22.03	22.32	22.21		
5	16QAM	1	0	22.13	22.24	22.19		
5	16QAM	1	12	21.99	22.07	22.16	23.5	0
5	16QAM	1	24	22.06	22.07	22.19		
5	16QAM	12	0	21.75	21.80	21.73		
5	16QAM	12	7	21.65	21.82	21.67	23	0.5
5	16QAM	12	13	21.59	21.72	21.70		
5	16QAM	25	0	21.62	21.72	21.63		
5	64QAM	1	0	21.71	21.81	21.91		
5	64QAM	1	12	21.80	21.90	21.81	23	0.5
5	64QAM	1	24	21.86	21.97	21.81		
5	64QAM	12	0	20.61	20.74	20.75		
5	64QAM	12	7	20.71	20.68	20.69	22	1.5
5	64QAM	12	13	20.60	20.71	20.69		
5	64QAM	25	0	20.73	20.82	20.62		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.16	22.28	22.30		
3	QPSK	1	8	22.08	22.22	22.20	23.5	0
3	QPSK	1	14	22.08	22.12	22.29		
3	QPSK	8	0	22.18	22.30	22.26		
3	QPSK	8	4	22.02	22.23	22.20	23.5	0
3	QPSK	8	7	22.05	22.06	22.18		
3	QPSK	15	0	22.10	22.23	22.09		
3	16QAM	1	0	22.14	22.22	22.20		
3	16QAM	1	8	21.91	22.01	22.09	23.5	0
3	16QAM	1	14	22.00	22.04	22.25		
3	16QAM	8	0	21.63	21.81	21.72		
3	16QAM	8	4	21.66	21.74	21.70	23	0.5
3	16QAM	8	7	21.65	21.72	21.74		
3	16QAM	15	0	21.65	21.69	21.62		
3	64QAM	1	0	21.79	21.85	21.80		
3	64QAM	1	8	21.77	21.88	21.79	23	0.5
3	64QAM	1	14	21.86	21.91	21.82		
3	64QAM	8	0	20.61	20.77	20.71		
3	64QAM	8	4	20.75	20.70	20.70	22	1.5
3	64QAM	8	7	20.65	20.74	20.72		
3	64QAM	15	0	20.79	20.73	20.63		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.24	22.31	22.31		
1.4	QPSK	1	3	21.99	22.21	22.27		
1.4	QPSK	1	5	22.09	22.15	22.36	23.5	0
1.4	QPSK	3	0	22.21	22.21	22.39		
1.4	QPSK	3	1	22.09	22.17	22.21		
1.4	QPSK	3	3	22.12	22.20	22.26		
1.4	QPSK	6	0	22.08	22.31	22.21	23.5	0
1.4	16QAM	1	0	21.98	22.15	22.15		
1.4	16QAM	1	3	22.05	22.16	22.08		
1.4	16QAM	1	5	22.17	22.32	22.15	23.5	0
1.4	16QAM	3	0	22.13	22.20	22.11		
1.4	16QAM	3	1	21.93	22.00	22.09		
1.4	16QAM	3	3	22.03	22.09	22.21		
1.4	16QAM	6	0	21.67	21.68	21.72	23	0.5
1.4	64QAM	1	0	21.71	21.80	21.88		
1.4	64QAM	1	3	21.78	21.96	21.76		
1.4	64QAM	1	5	21.90	21.89	21.78	23	0.5
1.4	64QAM	3	0	21.60	21.70	21.82		
1.4	64QAM	3	1	21.72	21.84	21.64		
1.4	64QAM	3	3	21.84	21.74	21.74		
1.4	64QAM	6	0	20.70	20.76	20.56	22	1.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.42	22.44	22.40		
10	QPSK	1	25	22.31	22.43	22.37	22.5	0
10	QPSK	1	49	22.30	22.32	22.27		
10	QPSK	25	0	22.31	22.37	22.30		
10	QPSK	25	12	22.27	22.31	22.29	22.5	0
10	QPSK	25	25	22.29	22.29	22.26		
10	QPSK	50	0	22.32	22.33	22.29		
10	16QAM	1	0	22.39	22.41	22.37		
10	16QAM	1	25	22.34	22.37	22.28	22.5	0
10	16QAM	1	49	22.29	22.30	22.35		
10	16QAM	25	0	21.75	21.78	21.65		
10	16QAM	25	12	21.67	21.79	21.60	22	0.5
10	16QAM	25	25	21.60	21.76	21.57		
10	16QAM	50	0	21.77	21.82	21.68		
10	64QAM	1	0	21.77	21.81	21.81		
10	64QAM	1	25	21.82	21.94	21.82	22	0.5
10	64QAM	1	49	21.76	21.84	21.80		
10	64QAM	25	0	20.70	20.78	20.67		
10	64QAM	25	12	20.64	20.68	20.76	21	1.5
10	64QAM	25	25	20.55	20.73	20.68		
10	64QAM	50	0	20.62	20.79	20.76		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.34	22.29	22.30		
5	QPSK	1	12	22.27	22.31	22.22	22.5	0
5	QPSK	1	24	22.23	22.18	22.15		
5	QPSK	12	0	22.30	22.28	22.17		
5	QPSK	12	7	22.18	22.18	22.24	22.5	0
5	QPSK	12	13	22.19	22.21	22.23		
5	QPSK	25	0	22.18	22.23	22.27		
5	16QAM	1	0	22.29	22.31	22.24		
5	16QAM	1	12	22.21	22.23	22.26	22.5	0
5	16QAM	1	24	22.15	22.29	22.26		
5	16QAM	12	0	21.67	21.77	21.52		
5	16QAM	12	7	21.63	21.68	21.55	22	0.5
5	16QAM	12	13	21.46	21.66	21.43		
5	16QAM	25	0	21.65	21.79	21.67		
5	64QAM	1	0	21.66	21.76	21.73		
5	64QAM	1	12	21.80	21.83	21.79	22	0.5
5	64QAM	1	24	21.68	21.70	21.69		
5	64QAM	12	0	20.56	20.63	20.63		
5	64QAM	12	7	20.61	20.53	20.72	21	1.5
5	64QAM	12	13	20.45	20.68	20.67		
5	64QAM	25	0	20.49	20.64	20.67		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.36	22.41	22.39		
3	QPSK	1	8	22.21	22.36	22.31	22.5	0
3	QPSK	1	14	22.15	22.26	22.25		
3	QPSK	8	0	22.22	22.31	22.21		
3	QPSK	8	4	22.14	22.21	22.24	22.5	0
3	QPSK	8	7	22.22	22.17	22.20		
3	QPSK	15	0	22.31	22.19	22.27		
3	16QAM	1	0	22.30	22.32	22.27		
3	16QAM	1	8	22.21	22.31	22.23	22.5	0
3	16QAM	1	14	22.18	22.24	22.33		
3	16QAM	8	0	21.60	21.76	21.58		
3	16QAM	8	4	21.64	21.78	21.58	22	0.5
3	16QAM	8	7	21.53	21.61	21.46		
3	16QAM	15	0	21.70	21.73	21.65		
3	64QAM	1	0	21.71	21.70	21.76		
3	64QAM	1	8	21.78	21.89	21.73	22	0.5
3	64QAM	1	14	21.73	21.72	21.74		
3	64QAM	8	0	20.56	20.75	20.55		
3	64QAM	8	4	20.51	20.64	20.65	21	1.5
3	64QAM	8	7	20.41	20.72	20.56		
3	64QAM	15	0	20.53	20.78	20.65		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.31	22.36	22.27		
1.4	QPSK	1	3	22.21	22.33	22.28		
1.4	QPSK	1	5	22.22	22.18	22.17	22.5	0
1.4	QPSK	3	0	22.26	22.36	22.20		
1.4	QPSK	3	1	22.16	22.25	22.19		
1.4	QPSK	3	3	22.22	22.14	22.13		
1.4	QPSK	6	0	22.17	22.32	22.28	22.5	0
1.4	16QAM	1	0	22.30	22.31	22.28		
1.4	16QAM	1	3	22.20	22.26	22.22		
1.4	16QAM	1	5	22.28	22.25	22.28	22.5	0
1.4	16QAM	3	0	22.15	22.18	22.15		
1.4	16QAM	3	1	22.06	22.18	22.20		
1.4	16QAM	3	3	22.21	22.23	22.13		
1.4	16QAM	6	0	21.62	21.71	21.53	22	0.5
1.4	64QAM	1	0	21.70	21.69	21.74		
1.4	64QAM	1	3	21.74	21.82	21.81		
1.4	64QAM	1	5	21.71	21.75	21.73	22	0.5
1.4	64QAM	3	0	21.65	21.58	21.61		
1.4	64QAM	3	1	21.61	21.77	21.77		
1.4	64QAM	3	3	21.62	21.67	21.65		
1.4	64QAM	6	0	20.49	20.75	20.69	21	1.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.02	22.03	21.95		
20	QPSK	1	49	21.97	21.96	21.92	22.5	0
20	QPSK	1	99	21.99	21.92	21.86		
20	QPSK	50	0	22.01	22.01	21.87		
20	QPSK	50	24	21.90	21.97	21.85	22.5	0
20	QPSK	50	50	21.90	22.00	21.83		
20	QPSK	100	0	21.96	21.99	21.87		
20	16QAM	1	0	21.91	21.96	21.94		
20	16QAM	1	49	22.01	21.93	21.90	22.5	0
20	16QAM	1	99	22.00	21.93	21.90		
20	16QAM	50	0	21.88	22.01	21.93		
20	16QAM	50	24	21.88	21.96	21.82	22.5	0
20	16QAM	50	50	21.94	21.93	21.89		
20	16QAM	100	0	21.93	21.98	21.80		
20	64QAM	1	0	21.97	21.97	21.82		
20	64QAM	1	49	21.94	21.98	21.90	22.5	0
20	64QAM	1	99	21.99	21.99	21.89		
20	64QAM	50	0	21.62	21.73	21.70		
20	64QAM	50	24	21.84	21.75	21.73	22	0.5
20	64QAM	50	50	21.91	21.85	21.74		
20	64QAM	100	0	21.66	21.81	21.69		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.88	21.89	21.89		
15	QPSK	1	37	21.82	21.81	21.79	22.5	0
15	QPSK	1	74	21.84	21.90	21.71		
15	QPSK	36	0	21.96	21.99	21.85		
15	QPSK	36	20	21.77	21.91	21.76	22.5	0
15	QPSK	36	39	21.79	21.99	21.75		
15	QPSK	75	0	21.93	21.87	21.76		
15	16QAM	1	0	21.85	21.92	21.88		
15	16QAM	1	37	21.99	21.82	21.84	22.5	0
15	16QAM	1	74	21.91	21.80	21.78		
15	16QAM	36	0	21.85	21.96	21.92		
15	16QAM	36	20	21.83	21.84	21.69	22.5	0
15	16QAM	36	39	21.91	21.87	21.81		
15	16QAM	75	0	21.84	21.89	21.70		
15	64QAM	1	0	21.95	21.87	21.67		
15	64QAM	1	37	21.86	21.93	21.87	22.5	0
15	64QAM	1	74	21.89	21.91	21.87		
15	64QAM	36	0	21.48	21.67	21.67		
15	64QAM	36	20	21.74	21.73	21.69	22	0.5
15	64QAM	36	39	21.79	21.84	21.72		
15	64QAM	75	0	21.53	21.73	21.59		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.99	21.90	21.81		
10	QPSK	1	25	21.91	21.82	21.84	22.5	0
10	QPSK	1	49	21.92	21.85	21.75		
10	QPSK	25	0	21.99	21.89	21.78		
10	QPSK	25	12	21.77	21.86	21.76	22.5	0
10	QPSK	25	25	21.82	21.95	21.68		
10	QPSK	50	0	21.83	21.92	21.78		
10	16QAM	1	0	21.79	21.92	21.86		
10	16QAM	1	25	22.00	21.78	21.88	22.5	0
10	16QAM	1	49	21.89	21.80	21.77		
10	16QAM	25	0	21.84	21.87	21.78		
10	16QAM	25	12	21.74	21.84	21.79	22.5	0
10	16QAM	25	25	21.89	21.80	21.80		
10	16QAM	50	0	21.78	21.91	21.75		
10	64QAM	1	0	21.90	21.92	21.73		
10	64QAM	1	25	21.89	21.93	21.84	22.5	0
10	64QAM	1	49	21.87	21.91	21.81		
10	64QAM	25	0	21.60	21.71	21.63		
10	64QAM	25	12	21.83	21.61	21.69	22	0.5
10	64QAM	25	25	21.87	21.75	21.60		
10	64QAM	50	0	21.61	21.77	21.62		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.89	21.90	21.84		
5	QPSK	1	12	21.85	21.92	21.84	22.5	0
5	QPSK	1	24	21.94	21.84	21.77		
5	QPSK	12	0	21.98	21.88	21.78		
5	QPSK	12	7	21.75	21.92	21.74	22.5	0
5	QPSK	12	13	21.78	21.91	21.77		
5	QPSK	25	0	21.86	21.85	21.78		
5	16QAM	1	0	21.89	21.90	21.82		
5	16QAM	1	12	21.94	21.83	21.79	22.5	0
5	16QAM	1	24	21.96	21.87	21.78		
5	16QAM	12	0	21.85	21.95	21.87		
5	16QAM	12	7	21.78	21.90	21.72	22.5	0
5	16QAM	12	13	21.79	21.92	21.87		
5	16QAM	25	0	21.84	21.89	21.73		
5	64QAM	1	0	21.83	21.84	21.68		
5	64QAM	1	12	21.87	21.89	21.78	22.5	0
5	64QAM	1	24	21.84	21.96	21.80		
5	64QAM	12	0	21.52	21.70	21.59		
5	64QAM	12	7	21.82	21.67	21.70	22	0.5
5	64QAM	12	13	21.87	21.82	21.61		
5	64QAM	25	0	21.53	21.76	21.65		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.96	22.98	22.97		
20	QPSK	1	49	22.83	22.89	22.87	23.5	0
20	QPSK	1	99	22.85	22.92	22.89		
20	QPSK	50	0	22.92	22.96	22.95		
20	QPSK	50	24	22.84	22.84	22.77	23.5	0
20	QPSK	50	50	22.87	22.90	22.86		
20	QPSK	100	0	22.92	22.95	22.85		
20	16QAM	1	0	22.95	22.87	22.89		
20	16QAM	1	49	22.90	22.84	22.87	23.5	0
20	16QAM	1	99	22.86	22.84	22.85		
20	16QAM	50	0	22.73	22.90	22.83		
20	16QAM	50	24	22.85	22.97	22.80	23	0.5
20	16QAM	50	50	22.82	22.83	22.71		
20	16QAM	100	0	22.77	22.85	22.73		
20	64QAM	1	0	22.31	22.38	22.27		
20	64QAM	1	49	22.46	22.63	22.57	23	0.5
20	64QAM	1	99	22.43	22.51	22.30		
20	64QAM	50	0	21.78	21.84	21.86		
20	64QAM	50	24	21.62	21.76	21.84	22	1.5
20	64QAM	50	50	21.80	21.82	21.80		
20	64QAM	100	0	21.84	21.84	21.88		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.82	22.83	22.87		
15	QPSK	1	37	22.73	22.82	22.79	23.5	0
15	QPSK	1	74	22.79	22.82	22.85		
15	QPSK	36	0	22.81	22.87	22.93		
15	QPSK	36	20	22.75	22.71	22.68	23.5	0
15	QPSK	36	39	22.79	22.85	22.85		
15	QPSK	75	0	22.80	22.94	22.74		
15	16QAM	1	0	22.85	22.75	22.86		
15	16QAM	1	37	22.86	22.76	22.73	23.5	0
15	16QAM	1	74	22.80	22.82	22.82		
15	16QAM	36	0	22.62	22.86	22.77		
15	16QAM	36	20	22.76	22.82	22.75	23	0.5
15	16QAM	36	39	22.76	22.74	22.57		
15	16QAM	75	0	22.69	22.84	22.72		
15	64QAM	1	0	22.29	22.31	22.19		
15	64QAM	1	37	22.40	22.49	22.42	23	0.5
15	64QAM	1	74	22.29	22.49	22.25		
15	64QAM	36	0	21.72	21.76	21.83		
15	64QAM	36	20	21.47	21.62	21.81	22	1.5
15	64QAM	36	39	21.78	21.73	21.72		
15	64QAM	75	0	21.72	21.73	21.79		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.91	22.89	22.85		
10	QPSK	1	25	22.68	22.87	22.77	23.5	0
10	QPSK	1	49	22.78	22.87	22.85		
10	QPSK	25	0	22.89	22.93	22.87		
10	QPSK	25	12	22.82	22.69	22.76	23.5	0
10	QPSK	25	25	22.80	22.83	22.81		
10	QPSK	50	0	22.81	22.80	22.75		
10	16QAM	1	0	22.83	22.77	22.80		
10	16QAM	1	25	22.85	22.79	22.80	23.5	0
10	16QAM	1	49	22.73	22.75	22.74		
10	16QAM	25	0	22.65	22.88	22.73		
10	16QAM	25	12	22.78	22.91	22.65	23	0.5
10	16QAM	25	25	22.76	22.81	22.70		
10	16QAM	50	0	22.62	22.80	22.58		
10	64QAM	1	0	22.23	22.35	22.15		
10	64QAM	1	25	22.34	22.50	22.53	23	0.5
10	64QAM	1	49	22.42	22.42	22.27		
10	64QAM	25	0	21.68	21.71	21.79		
10	64QAM	25	12	21.53	21.65	21.81	22	1.5
10	64QAM	25	25	21.68	21.69	21.78		
10	64QAM	50	0	21.73	21.74	21.85		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.95	22.93	22.96		
5	QPSK	1	12	22.69	22.85	22.78	23.5	0
5	QPSK	1	24	22.83	22.80	22.83		
5	QPSK	12	0	22.82	22.87	22.83		
5	QPSK	12	7	22.81	22.76	22.68	23.5	0
5	QPSK	12	13	22.72	22.79	22.80		
5	QPSK	25	0	22.77	22.85	22.84		
5	16QAM	1	0	22.81	22.74	22.86		
5	16QAM	1	12	22.81	22.73	22.81	23.5	0
5	16QAM	1	24	22.76	22.76	22.72		
5	16QAM	12	0	22.61	22.87	22.71		
5	16QAM	12	7	22.73	22.82	22.72	23	0.5
5	16QAM	12	13	22.80	22.77	22.63		
5	16QAM	25	0	22.74	22.73	22.67		
5	64QAM	1	0	22.18	22.28	22.18		
5	64QAM	1	12	22.39	22.48	22.55	23	0.5
5	64QAM	1	24	22.32	22.40	22.26		
5	64QAM	12	0	21.75	21.74	21.76		
5	64QAM	12	7	21.58	21.63	21.81	22	1.5
5	64QAM	12	13	21.79	21.78	21.70		
5	64QAM	25	0	21.76	21.71	21.87		

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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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.36	21.39	21.32		
20	QPSK	1	49	21.31	21.35	21.20	23	0
20	QPSK	1	99	21.12	21.27	21.22		
20	QPSK	50	0	20.85	20.96	20.87		
20	QPSK	50	24	20.82	20.89	20.83	22	1
20	QPSK	50	50	20.79	20.91	20.76		
20	QPSK	100	0	20.72	20.87	20.84		
20	16QAM	1	0	20.39	20.48	20.38		
20	16QAM	1	49	20.47	20.61	20.57	22	1
20	16QAM	1	99	20.50	20.51	20.46		
20	16QAM	50	0	19.83	19.84	19.82		
20	16QAM	50	24	19.81	19.89	19.78	21	2
20	16QAM	50	50	19.85	19.92	19.80		
20	16QAM	100	0	19.83	19.87	19.73		
20	64QAM	1	0	19.24	19.35	19.30		
20	64QAM	1	49	19.39	19.50	19.48	21	2
20	64QAM	1	99	19.47	19.53	19.39		
20	64QAM	50	0	18.74	18.87	18.76		
20	64QAM	50	24	18.79	18.91	18.88	20	3
20	64QAM	50	50	18.79	18.92	18.90		
20	64QAM	100	0	18.84	18.88	18.84		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.24	21.29	21.17		
15	QPSK	1	37	21.30	21.32	21.17	23	0
15	QPSK	1	74	21.10	21.13	21.15		
15	QPSK	36	0	20.78	20.87	20.81		
15	QPSK	36	20	20.78	20.88	20.82	22	1
15	QPSK	36	39	20.76	20.80	20.71		
15	QPSK	75	0	20.65	20.74	20.81		
15	16QAM	1	0	20.35	20.45	20.30		
15	16QAM	1	37	20.39	20.54	20.51	22	1
15	16QAM	1	74	20.43	20.48	20.42		
15	16QAM	36	0	19.78	19.79	19.81		
15	16QAM	36	20	19.66	19.78	19.65	21	2
15	16QAM	36	39	19.71	19.87	19.67		
15	16QAM	75	0	19.73	19.80	19.60		
15	64QAM	1	0	19.18	19.29	19.24		
15	64QAM	1	37	19.28	19.49	19.38	21	2
15	64QAM	1	74	19.32	19.52	19.28		
15	64QAM	36	0	18.66	18.73	18.67		
15	64QAM	36	20	18.65	18.79	18.79	20	3
15	64QAM	36	39	18.73	18.91	18.76		
15	64QAM	75	0	18.77	18.85	18.71		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.32	21.33	21.21		
10	QPSK	1	25	21.24	21.33	21.07	23	0
10	QPSK	1	49	21.02	21.22	21.09		
10	QPSK	25	0	20.73	20.91	20.72		
10	QPSK	25	12	20.72	20.88	20.69	22	1
10	QPSK	25	25	20.67	20.76	20.71		
10	QPSK	50	0	20.59	20.84	20.69		
10	16QAM	1	0	20.38	20.39	20.32		
10	16QAM	1	25	20.42	20.48	20.54	22	1
10	16QAM	1	49	20.39	20.47	20.43		
10	16QAM	25	0	19.75	19.81	19.67		
10	16QAM	25	12	19.78	19.86	19.70	21	2
10	16QAM	25	25	19.84	19.80	19.78		
10	16QAM	50	0	19.74	19.81	19.72		
10	64QAM	1	0	19.12	19.26	19.24		
10	64QAM	1	25	19.26	19.39	19.36	21	2
10	64QAM	1	49	19.45	19.40	19.29		
10	64QAM	25	0	18.70	18.76	18.64		
10	64QAM	25	12	18.67	18.77	18.79	20	3
10	64QAM	25	25	18.69	18.90	18.86		
10	64QAM	50	0	18.78	18.79	18.83		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.27	21.27	21.22		
5	QPSK	1	12	21.20	21.31	21.12	23	0
5	QPSK	1	24	21.06	21.19	21.19		
5	QPSK	12	0	20.77	20.93	20.80		
5	QPSK	12	7	20.81	20.87	20.78	22	1
5	QPSK	12	13	20.65	20.83	20.70		
5	QPSK	25	0	20.64	20.75	20.83		
5	16QAM	1	0	20.32	20.41	20.36		
5	16QAM	1	12	20.45	20.57	20.55	22	1
5	16QAM	1	24	20.38	20.38	20.45		
5	16QAM	12	0	19.68	19.71	19.78		
5	16QAM	12	7	19.71	19.82	19.67	21	2
5	16QAM	12	13	19.70	19.86	19.67		
5	16QAM	25	0	19.79	19.78	19.65		
5	64QAM	1	0	19.19	19.31	19.26		
5	64QAM	1	12	19.31	19.37	19.41	21	2
5	64QAM	1	24	19.44	19.46	19.24		
5	64QAM	12	0	18.67	18.79	18.64		
5	64QAM	12	7	18.68	18.76	18.83	20	3
5	64QAM	12	13	18.74	18.84	18.75		
5	64QAM	25	0	18.74	18.82	18.69		

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	23.03	23.07	23.04		
10	QPSK	1	25	23.02	23.00	22.89	24	0
10	QPSK	1	49	23.02	22.96	22.91		
10	QPSK	25	0	22.86	22.90	22.83		
10	QPSK	25	12	22.73	22.88	22.79	24	0
10	QPSK	25	25	22.75	22.84	22.76		
10	QPSK	50	0	22.82	22.89	22.74		
10	16QAM	1	0	22.93	23.05	23.05		
10	16QAM	1	25	23.03	23.01	23.04	24	0
10	16QAM	1	49	23.03	23.01	22.97		
10	16QAM	25	0	21.74	21.83	21.88		
10	16QAM	25	12	21.88	21.83	21.77	23	1
10	16QAM	25	25	21.72	21.82	21.72		
10	16QAM	50	0	21.71	21.92	21.83		
10	64QAM	1	0	21.86	22.02	21.87		
10	64QAM	1	25	21.94	22.01	22.00	23	1
10	64QAM	1	49	21.82	21.99	21.85		
10	64QAM	25	0	20.82	20.80	20.76		
10	64QAM	25	12	20.70	20.93	20.74	22	2
10	64QAM	25	25	20.78	20.89	20.78		
10	64QAM	50	0	20.69	20.84	20.65		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.95	23.02	23.00		
5	QPSK	1	12	22.88	22.86	22.87	24	0
5	QPSK	1	24	22.98	22.81	22.88		
5	QPSK	12	0	22.75	22.75	22.80		
5	QPSK	12	7	22.64	22.75	22.76	24	0
5	QPSK	12	13	22.67	22.74	22.66		
5	QPSK	25	0	22.76	22.78	22.63		
5	16QAM	1	0	22.80	23.05	22.97		
5	16QAM	1	12	22.90	23.06	23.01	24	0
5	16QAM	1	24	23.01	23.04	23.03		
5	16QAM	12	0	21.67	21.78	21.82		
5	16QAM	12	7	21.73	21.68	21.71	23	1
5	16QAM	12	13	21.58	21.74	21.69		
5	16QAM	25	0	21.64	21.78	21.77		
5	64QAM	1	0	21.83	21.87	21.72		
5	64QAM	1	12	21.84	21.98	21.90	23	1
5	64QAM	1	24	21.72	21.96	21.73		
5	64QAM	12	0	20.74	20.76	20.68		
5	64QAM	12	7	20.59	20.78	20.73	22	2
5	64QAM	12	13	20.63	20.76	20.75		
5	64QAM	25	0	20.57	20.81	20.59		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.94	23.03	23.00		
3	QPSK	1	8	22.90	22.85	22.80	24	0
3	QPSK	1	14	22.91	22.88	22.78		
3	QPSK	8	0	22.85	22.77	22.74		
3	QPSK	8	4	22.58	22.87	22.67	24	0
3	QPSK	8	7	22.65	22.81	22.65		
3	QPSK	15	0	22.75	22.83	22.68		
3	16QAM	1	0	22.89	23.01	23.04		
3	16QAM	1	8	22.97	23.01	23.03	24	0
3	16QAM	1	14	23.02	23.01	22.99		
3	16QAM	8	0	21.66	21.78	21.75		
3	16QAM	8	4	21.74	21.69	21.69	23	1
3	16QAM	8	7	21.58	21.70	21.60		
3	16QAM	15	0	21.60	21.87	21.81		
3	64QAM	1	0	21.73	21.95	21.77		
3	64QAM	1	8	21.91	21.89	21.86	23	1
3	64QAM	1	14	21.78	21.90	21.76		
3	64QAM	8	0	20.68	20.76	20.71		
3	64QAM	8	4	20.60	20.92	20.60	22	2
3	64QAM	8	7	20.69	20.88	20.75		
3	64QAM	15	0	20.58	20.74	20.54		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.92	22.99	22.91		
1.4	QPSK	1	3	22.95	22.96	22.87		
1.4	QPSK	1	5	22.94	22.85	22.80	24	0
1.4	QPSK	3	0	22.75	22.81	22.71		
1.4	QPSK	3	1	22.72	22.73	22.69		
1.4	QPSK	3	3	22.64	22.72	22.72		
1.4	QPSK	6	0	22.73	22.80	22.72	24	0
1.4	16QAM	1	0	22.54	22.92	22.87		
1.4	16QAM	1	3	22.68	22.89	23.06		
1.4	16QAM	1	5	22.94	22.94	22.78	24	0
1.4	16QAM	3	0	22.67	23.01	22.90		
1.4	16QAM	3	1	22.79	22.94	23.01		
1.4	16QAM	3	3	23.06	23.06	22.89		
1.4	16QAM	6	0	21.67	21.83	21.77	23	1
1.4	64QAM	1	0	21.74	21.92	21.77		
1.4	64QAM	1	3	21.86	21.91	21.93		
1.4	64QAM	1	5	21.80	21.86	21.79	23	1
1.4	64QAM	3	0	21.67	21.78	21.76		
1.4	64QAM	3	1	21.74	21.84	21.86		
1.4	64QAM	3	3	21.75	21.84	21.67		
1.4	64QAM	6	0	20.63	20.73	20.50	22	2

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	23.01	23.19	23.08		
10	QPSK	1	25	22.95	22.97	22.96	24	0
10	QPSK	1	49	22.99	23.06	23.07		
10	QPSK	25	0	22.15	22.26	22.15		
10	QPSK	25	12	22.14	22.19	22.06	23	1
10	QPSK	25	25	22.13	22.23	22.13		
10	QPSK	50	0	22.18	22.23	22.10		
10	16QAM	1	0	22.29	22.39	22.27		
10	16QAM	1	25	22.34	22.48	22.35	23	1
10	16QAM	1	49	22.42	22.53	22.46		
10	16QAM	25	0	21.15	21.19	21.15		
10	16QAM	25	12	21.14	21.16	21.14	22	2
10	16QAM	25	25	21.18	21.21	21.15		
10	16QAM	50	0	21.11	21.23	21.11		
10	64QAM	1	0	21.14	21.29	21.16		
10	64QAM	1	25	21.20	21.30	21.25	22	2
10	64QAM	1	49	21.36	21.39	21.30		
10	64QAM	25	0	20.08	20.18	20.07		
10	64QAM	25	12	20.07	20.16	20.11	21	3
10	64QAM	25	25	20.13	20.21	20.06		
10	64QAM	50	0	20.10	20.21	20.14		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.98	23.16	23.03		
5	QPSK	1	12	22.89	22.82	22.84	24	0
5	QPSK	1	24	22.91	23.05	22.93		
5	QPSK	12	0	22.03	22.24	22.03		
5	QPSK	12	7	22.09	22.16	21.92	23	1
5	QPSK	12	13	22.07	22.13	22.12		
5	QPSK	25	0	22.09	22.10	22.06		
5	16QAM	1	0	22.27	22.38	22.12		
5	16QAM	1	12	22.23	22.39	22.30	23	1
5	16QAM	1	24	22.32	22.50	22.31		
5	16QAM	12	0	21.12	21.14	21.03		
5	16QAM	12	7	21.08	21.10	21.13	22	2
5	16QAM	12	13	21.10	21.12	21.10		
5	16QAM	25	0	21.07	21.17	21.07		
5	64QAM	1	0	21.06	21.20	21.09		
5	64QAM	1	12	21.16	21.17	21.13	22	2
5	64QAM	1	24	21.31	21.26	21.19		
5	64QAM	12	0	20.01	20.17	20.04		
5	64QAM	12	7	20.06	20.14	20.02	21	3
5	64QAM	12	13	20.08	20.18	20.04		
5	64QAM	25	0	20.00	20.06	20.01		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.91	23.07	23.05		
3	QPSK	1	8	22.93	22.87	22.84	24	0
3	QPSK	1	14	22.97	22.95	22.93		
3	QPSK	8	0	22.11	22.18	22.03		
3	QPSK	8	4	22.04	22.05	22.05	23	1
3	QPSK	8	7	22.11	22.14	22.07		
3	QPSK	15	0	22.11	22.13	21.99		
3	16QAM	1	0	22.17	22.32	22.20		
3	16QAM	1	8	22.32	22.44	22.21	23	1
3	16QAM	1	14	22.30	22.44	22.32		
3	16QAM	8	0	21.05	21.11	21.04		
3	16QAM	8	4	21.09	21.06	21.13	22	2
3	16QAM	8	7	21.08	21.15	21.13		
3	16QAM	15	0	21.04	21.14	21.02		
3	64QAM	1	0	21.11	21.18	21.15		
3	64QAM	1	8	21.06	21.27	21.11	22	2
3	64QAM	1	14	21.25	21.31	21.16		
3	64QAM	8	0	19.96	20.16	20.02		
3	64QAM	8	4	19.95	20.15	19.98	21	3
3	64QAM	8	7	19.98	20.12	20.00		
3	64QAM	15	0	20.05	20.18	20.09		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.98	23.11	23.07		
1.4	QPSK	1	3	22.90	22.83	22.89		
1.4	QPSK	1	5	22.88	22.95	23.04	24	0
1.4	QPSK	3	0	22.91	23.13	22.97		
1.4	QPSK	3	1	22.90	22.89	22.82		
1.4	QPSK	3	3	22.92	22.95	22.97		
1.4	QPSK	6	0	22.09	22.20	21.96	23	1
1.4	16QAM	1	0	22.20	22.26	22.13		
1.4	16QAM	1	3	22.26	22.45	22.27		
1.4	16QAM	1	5	22.36	22.41	22.32	23	1
1.4	16QAM	3	0	22.16	22.17	22.08		
1.4	16QAM	3	1	22.11	22.42	22.17		
1.4	16QAM	3	3	22.33	22.28	22.27		
1.4	16QAM	6	0	21.04	21.18	21.02	22	2
1.4	64QAM	1	0	21.09	21.20	21.14		
1.4	64QAM	1	3	21.05	21.28	21.17		
1.4	64QAM	1	5	21.35	21.28	21.22	22	2
1.4	64QAM	3	0	20.98	21.11	21.03		
1.4	64QAM	3	1	21.04	21.24	21.06		
1.4	64QAM	3	3	21.34	21.15	21.09		
1.4	64QAM	6	0	19.96	20.12	20.13	21	3

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		22.66			
10	QPSK	1	25		22.65		23.8	0
10	QPSK	1	49		22.64			
10	QPSK	25	0		21.65			
10	QPSK	25	12		21.64		22.8	1
10	QPSK	25	25		21.64			
10	QPSK	50	0		21.64			
10	16QAM	1	0		21.95			
10	16QAM	1	25		21.95		22.8	1
10	16QAM	1	49		21.92			
10	16QAM	25	0		20.62			
10	16QAM	25	12		20.63		21.8	2
10	16QAM	25	25		20.63			
10	16QAM	50	0		20.63			
10	64QAM	1	0		20.88			
10	64QAM	1	25		20.82		21.8	2
10	64QAM	1	49		20.79			
10	64QAM	25	0		19.62			
10	64QAM	25	12		19.62		20.8	3
10	64QAM	25	25		19.67			
10	64QAM	50	0		19.61			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.54	22.65	22.52		
5	QPSK	1	12	22.55	22.54	22.63	23.8	0
5	QPSK	1	24	22.53	22.61	22.53		
5	QPSK	12	0	21.62	21.57	21.51		
5	QPSK	12	7	21.51	21.52	21.54	22.8	1
5	QPSK	12	13	21.56	21.57	21.61		
5	QPSK	25	0	21.59	21.61	21.50		
5	16QAM	1	0	21.93	21.85	21.92		
5	16QAM	1	12	21.84	21.92	21.82	22.8	1
5	16QAM	1	24	21.87	21.90	21.77		
5	16QAM	12	0	20.56	20.51	20.54		
5	16QAM	12	7	20.61	20.54	20.48	21.8	2
5	16QAM	12	13	20.62	20.57	20.61		
5	16QAM	25	0	20.54	20.54	20.54		
5	64QAM	1	0	20.77	20.77	20.85		
5	64QAM	1	12	20.68	20.67	20.75	21.8	2
5	64QAM	1	24	20.68	20.65	20.65		
5	64QAM	12	0	19.61	19.56	19.49		
5	64QAM	12	7	19.61	19.53	19.50	20.8	3
5	64QAM	12	13	19.63	19.54	19.61		
5	64QAM	25	0	19.57	19.51	19.53		

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		21.89			
10	QPSK	1	25		21.77		22.8	0
10	QPSK	1	49		21.77			
10	QPSK	25	0		20.85			
10	QPSK	25	12		20.81		21.8	1
10	QPSK	25	25		20.79			
10	QPSK	50	0		20.80			
10	16QAM	1	0		21.15			
10	16QAM	1	25		21.12		21.8	1
10	16QAM	1	49		21.12			
10	16QAM	25	0		19.87			
10	16QAM	25	12		19.82		20.8	2
10	16QAM	25	25		19.80			
10	16QAM	50	0		19.82			
10	64QAM	1	0		20.08			
10	64QAM	1	25		20.00		20.8	2
10	64QAM	1	49		19.95			
10	64QAM	25	0		18.83			
10	64QAM	25	12		18.81		19.8	3
10	64QAM	25	25		18.79			
10	64QAM	50	0		18.78			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.80	21.81	21.74		
5	QPSK	1	12	21.66	21.68	21.65	22.8	0
5	QPSK	1	24	21.64	21.65	21.67		
5	QPSK	12	0	20.84	20.73	20.82		
5	QPSK	12	7	20.78	20.72	20.79	21.8	1
5	QPSK	12	13	20.69	20.74	20.75		
5	QPSK	25	0	20.78	20.71	20.67		
5	16QAM	1	0	21.06	21.06	21.00		
5	16QAM	1	12	20.99	20.98	21.02	21.8	1
5	16QAM	1	24	21.07	21.10	21.08		
5	16QAM	12	0	19.81	19.78	19.74		
5	16QAM	12	7	19.80	19.77	19.76	20.8	2
5	16QAM	12	13	19.66	19.67	19.71		
5	16QAM	25	0	19.71	19.70	19.79		
5	64QAM	1	0	20.02	19.94	19.95		
5	64QAM	1	12	19.98	19.90	19.85	20.8	2
5	64QAM	1	24	19.92	19.81	19.93		
5	64QAM	12	0	18.77	18.76	18.73		
5	64QAM	12	7	18.66	18.79	18.66	19.8	3
5	64QAM	12	13	18.66	18.73	18.66		
5	64QAM	25	0	18.72	18.73	18.68		

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	22.90	22.98	22.95	24	0
10	QPSK	1	25	22.86	22.85	22.81		
10	QPSK	1	49	22.88	22.89	22.85		
10	QPSK	25	0	22.88	22.91	22.87	24	0
10	QPSK	25	12	22.83	22.83	22.84		
10	QPSK	25	25	22.85	22.89	22.86		
10	QPSK	50	0	22.78	22.87	22.82		
10	16QAM	1	0	22.84	22.96	22.88	24	0
10	16QAM	1	25	22.84	22.93	22.85		
10	16QAM	1	49	22.83	22.96	22.90		
10	16QAM	25	0	21.80	21.95	21.87	23	1
10	16QAM	25	12	21.76	21.80	21.73		
10	16QAM	25	25	21.76	21.96	21.79		
10	16QAM	50	0	21.77	21.92	21.75		
10	64QAM	1	0	21.97	22.05	21.97	23	1
10	64QAM	1	25	21.96	22.00	22.03		
10	64QAM	1	49	21.97	22.10	21.96		
10	64QAM	25	0	20.80	20.91	20.73	22	2
10	64QAM	25	12	20.72	20.89	20.76		
10	64QAM	25	25	20.77	20.91	20.91		
10	64QAM	50	0	20.78	20.93	20.85		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.75	22.88	22.87	24	0
5	QPSK	1	12	22.81	22.80	22.78		
5	QPSK	1	24	22.73	22.75	22.79		
5	QPSK	12	0	22.78	22.80	22.81	24	0
5	QPSK	12	7	22.79	22.81	22.75		
5	QPSK	12	13	22.72	22.77	22.80		
5	QPSK	25	0	22.68	22.81	22.67		
5	16QAM	1	0	22.69	22.92	22.81	24	0
5	16QAM	1	12	22.72	22.86	22.74		
5	16QAM	1	24	22.74	22.82	22.81		
5	16QAM	12	0	21.65	21.81	21.77	23	1
5	16QAM	12	7	21.64	21.73	21.63		
5	16QAM	12	13	21.68	21.86	21.65		
5	16QAM	25	0	21.71	21.86	21.72		
5	64QAM	1	0	21.89	21.92	21.96	23	1
5	64QAM	1	12	21.90	21.88	21.88		
5	64QAM	1	24	21.84	22.02	21.85		
5	64QAM	12	0	20.73	20.76	20.64	22	2
5	64QAM	12	7	20.67	20.74	20.67		
5	64QAM	12	13	20.75	20.76	20.76		
5	64QAM	25	0	20.74	20.86	20.77		

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	23.03	23.07	22.99	24	0
10	QPSK	1	25	22.85	22.87	22.83		
10	QPSK	1	49	22.85	23.06	22.93		
10	QPSK	25	0	22.21	22.27	22.17	23	1
10	QPSK	25	12	22.00	22.17	22.00		
10	QPSK	25	25	22.07	22.24	22.15		
10	QPSK	50	0	22.19	22.23	22.17		
10	16QAM	1	0	22.47	22.51	22.47	23	1
10	16QAM	1	25	22.40	22.49	22.38		
10	16QAM	1	49	22.35	22.47	22.32		
10	16QAM	25	0	21.05	21.19	21.12	22	2
10	16QAM	25	12	21.02	21.16	21.14		
10	16QAM	25	25	21.11	21.24	21.18		
10	16QAM	50	0	21.09	21.19	21.13		
10	64QAM	1	0	21.34	21.38	21.36	22	2
10	64QAM	1	25	21.29	21.34	21.29		
10	64QAM	1	49	21.33	21.37	21.31		
10	64QAM	25	0	20.14	20.20	20.08	21	3
10	64QAM	25	12	20.08	20.15	20.06		
10	64QAM	25	25	20.15	20.23	20.15		
10	64QAM	50	0	20.11	20.22	20.17		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.90	23.03	22.84	24	0
5	QPSK	1	12	22.71	22.76	22.79		
5	QPSK	1	24	22.79	22.95	22.88		
5	QPSK	12	0	22.18	22.13	22.11	23	1
5	QPSK	12	7	21.95	22.14	21.92		
5	QPSK	12	13	22.04	22.10	22.13		
5	QPSK	25	0	22.16	22.15	22.11		
5	16QAM	1	0	22.38	22.36	22.44	23	1
5	16QAM	1	12	22.34	22.47	22.32		
5	16QAM	1	24	22.24	22.34	22.24		
5	16QAM	12	0	21.03	21.04	21.07	22	2
5	16QAM	12	7	20.88	21.10	21.05		
5	16QAM	12	13	21.02	21.19	21.13		
5	16QAM	25	0	20.97	21.16	21.07		
5	64QAM	1	0	21.20	21.35	21.23	22	2
5	64QAM	1	12	21.25	21.26	21.28		
5	64QAM	1	24	21.29	21.36	21.28		
5	64QAM	12	0	20.13	20.09	20.07	21	3
5	64QAM	12	7	20.05	20.06	19.96		
5	64QAM	12	13	20.08	20.21	20.05		
5	64QAM	25	0	20.08	20.12	20.03		

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	22.95	22.99	22.92	24	0
15	QPSK	1	37	22.91	22.90	22.80		
15	QPSK	1	74	22.80	22.86	22.89		
15	QPSK	36	0	22.92	22.96	22.80	24	0
15	QPSK	36	20	22.74	22.79	22.67		
15	QPSK	36	39	22.79	22.87	22.76		
15	QPSK	75	0	22.88	22.89	22.69		
15	16QAM	1	0	22.65	22.73	22.61	24	0
15	16QAM	1	37	22.75	22.81	22.61		
15	16QAM	1	74	22.82	22.75	22.68		
15	16QAM	36	0	21.84	21.88	21.74	23	1
15	16QAM	36	20	21.78	21.95	21.93		
15	16QAM	36	39	21.77	21.87	21.79		
15	16QAM	75	0	21.91	21.99	21.87		
15	64QAM	1	0	21.96	22.07	21.93	23	1
15	64QAM	1	37	22.09	22.17	22.14		
15	64QAM	1	74	21.88	21.99	21.98		
15	64QAM	36	0	20.76	20.88	20.83	22	2
15	64QAM	36	20	20.96	20.95	20.82		
15	64QAM	36	39	20.83	20.90	20.87		
15	64QAM	75	0	20.87	20.94	20.92		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.90	22.94	22.81	24	0
10	QPSK	1	25	22.77	22.75	22.65		
10	QPSK	1	49	22.75	22.73	22.76		
10	QPSK	25	0	22.80	22.91	22.65	24	0
10	QPSK	25	12	22.65	22.78	22.65		
10	QPSK	25	25	22.65	22.79	22.73		
10	QPSK	50	0	22.78	22.86	22.62		
10	16QAM	1	0	22.57	22.63	22.59	24	0
10	16QAM	1	25	22.73	22.67	22.53		
10	16QAM	1	49	22.79	22.61	22.65		
10	16QAM	25	0	21.72	21.79	21.67	23	1
10	16QAM	25	12	21.63	21.90	21.90		
10	16QAM	25	25	21.75	21.78	21.72		
10	16QAM	50	0	21.81	21.89	21.79		
10	64QAM	1	0	21.95	22.06	21.86	23	1
10	64QAM	1	25	21.96	22.12	22.02		
10	64QAM	1	49	21.78	21.88	21.95		
10	64QAM	25	0	20.71	20.82	20.72	22	2
10	64QAM	25	12	20.82	20.90	20.77		
10	64QAM	25	25	20.75	20.87	20.78		
10	64QAM	50	0	20.83	20.80	20.79		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.89	22.86	22.85	24	0
5	QPSK	1	12	22.78	22.75	22.78		
5	QPSK	1	24	22.76	22.77	22.75		
5	QPSK	12	0	22.84	22.86	22.76	24	0
5	QPSK	12	7	22.60	22.72	22.64		
5	QPSK	12	13	22.70	22.83	22.72		
5	QPSK	25	0	22.76	22.88	22.61		
5	16QAM	1	0	22.50	22.72	22.51	24	0
5	16QAM	1	12	22.74	22.68	22.54		
5	16QAM	1	24	22.76	22.67	22.65		
5	16QAM	12	0	21.81	21.79	21.64	23	1
5	16QAM	12	7	21.67	21.93	21.80		
5	16QAM	12	13	21.63	21.79	21.69		
5	16QAM	25	0	21.84	21.86	21.72		
5	64QAM	1	0	21.92	22.05	21.78	23	1
5	64QAM	1	12	21.95	22.14	22.10		
5	64QAM	1	24	21.84	21.86	21.92		
5	64QAM	12	0	20.75	20.77	20.76	22	2
5	64QAM	12	7	20.94	20.92	20.72		
5	64QAM	12	13	20.71	20.84	20.83		
5	64QAM	25	0	20.74	20.90	20.86		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.83	22.91	22.78	24	0
3	QPSK	1	8	22.88	22.83	22.72		
3	QPSK	1	14	22.75	22.72	22.76		
3	QPSK	8	0	22.79	22.92	22.72	24	0
3	QPSK	8	4	22.70	22.66	22.61		
3	QPSK	8	7	22.76	22.73	22.68		
3	QPSK	15	0	22.76	22.85	22.66		
3	16QAM	1	0	22.52	22.59	22.59	24	0
3	16QAM	1	8	22.70	22.66	22.55		
3	16QAM	1	14	22.74	22.70	22.53		
3	16QAM	8	0	21.73	21.86	21.73	23	1
3	16QAM	8	4	21.67	21.93	21.79		
3	16QAM	8	7	21.64	21.73	21.75		
3	16QAM	15	0	21.78	21.87	21.78		
3	64QAM	1	0	21.89	21.99	21.86	23	1
3	64QAM	1	8	21.97	22.13	22.03		
3	64QAM	1	14	21.74	21.96	21.92		
3	64QAM	8	0	20.62	20.79	20.82	22	2
3	64QAM	8	4	20.91	20.81	20.70		
3	64QAM	8	7	20.69	20.79	20.77		
3	64QAM	15	0	20.84	20.88	20.89		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.80	22.92	22.78	24	0
1.4	QPSK	1	3	22.90	22.87	22.72		
1.4	QPSK	1	5	22.71	22.84	22.76		
1.4	QPSK	3	0	22.78	22.82	22.68		
1.4	QPSK	3	1	22.61	22.65	22.58		
1.4	QPSK	3	3	22.71	22.72	22.73		
1.4	QPSK	6	0	22.78	22.76	22.60	24	0
1.4	16QAM	1	0	22.63	22.67	22.57	24	0
1.4	16QAM	1	3	22.69	22.73	22.47		
1.4	16QAM	1	5	22.69	22.70	22.65		
1.4	16QAM	3	0	22.59	22.60	22.51		
1.4	16QAM	3	1	22.68	22.60	22.46		
1.4	16QAM	3	3	22.56	22.65	22.59		
1.4	16QAM	6	0	21.84	21.84	21.77	23	1
1.4	64QAM	1	0	21.90	21.97	21.92	23	1
1.4	64QAM	1	3	21.98	22.03	21.99		
1.4	64QAM	1	5	21.75	21.97	21.95		
1.4	64QAM	3	0	21.84	21.90	21.90		
1.4	64QAM	3	1	21.92	21.88	21.91		
1.4	64QAM	3	3	21.62	21.90	21.87		
1.4	64QAM	6	0	20.72	20.90	20.87	22	2

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	22.76	22.85	22.82		
15	QPSK	1	37	22.64	22.79	22.72	24	0
15	QPSK	1	74	22.57	22.70	22.55		
15	QPSK	36	0	21.67	21.77	21.65		
15	QPSK	36	20	21.64	21.67	21.56	23	1
15	QPSK	36	39	21.64	21.70	21.65		
15	QPSK	75	0	21.64	21.75	21.73		
15	16QAM	1	0	21.94	22.02	22.01		
15	16QAM	1	37	21.92	22.04	21.95	23	1
15	16QAM	1	74	21.90	21.95	21.86		
15	16QAM	36	0	20.68	20.80	20.70		
15	16QAM	36	20	20.72	20.81	20.68	22	2
15	16QAM	36	39	20.79	20.81	20.78		
15	16QAM	75	0	20.75	20.83	20.82		
15	64QAM	1	0	20.87	20.92	20.80		
15	64QAM	1	37	20.85	20.95	20.83	22	2
15	64QAM	1	74	20.81	20.90	20.83		
15	64QAM	36	0	19.67	19.82	19.69		
15	64QAM	36	20	19.79	19.82	19.81	21	3
15	64QAM	36	39	19.78	19.82	19.79		
15	64QAM	75	0	19.69	19.82	19.77		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.65	22.74	22.81		
10	QPSK	1	25	22.52	22.68	22.70	24	0
10	QPSK	1	49	22.56	22.66	22.40		
10	QPSK	25	0	21.62	21.72	21.53		
10	QPSK	25	12	21.60	21.64	21.53	23	1
10	QPSK	25	25	21.59	21.66	21.62		
10	QPSK	50	0	21.51	21.72	21.71		
10	16QAM	1	0	21.84	22.01	21.92		
10	16QAM	1	25	21.77	21.89	21.85	23	1
10	16QAM	1	49	21.82	21.89	21.71		
10	16QAM	25	0	20.54	20.66	20.62		
10	16QAM	25	12	20.58	20.74	20.60	22	2
10	16QAM	25	25	20.78	20.80	20.75		
10	16QAM	50	0	20.67	20.72	20.71		
10	64QAM	1	0	20.75	20.88	20.71		
10	64QAM	1	25	20.73	20.82	20.77	22	2
10	64QAM	1	49	20.77	20.88	20.69		
10	64QAM	25	0	19.65	19.73	19.59		
10	64QAM	25	12	19.69	19.70	19.77	21	3
10	64QAM	25	25	19.70	19.81	19.71		
10	64QAM	50	0	19.54	19.79	19.68		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.73	22.84	22.76		
5	QPSK	1	12	22.60	22.64	22.61	24	0
5	QPSK	1	24	22.46	22.67	22.43		
5	QPSK	12	0	21.58	21.69	21.61		
5	QPSK	12	7	21.60	21.59	21.55	23	1
5	QPSK	12	13	21.50	21.64	21.52		
5	QPSK	25	0	21.61	21.63	21.61		
5	16QAM	1	0	21.82	22.00	21.87		
5	16QAM	1	12	21.82	21.92	21.94	23	1
5	16QAM	1	24	21.76	21.84	21.82		
5	16QAM	12	0	20.63	20.66	20.55		
5	16QAM	12	7	20.68	20.72	20.58	22	2
5	16QAM	12	13	20.75	20.69	20.71		
5	16QAM	25	0	20.74	20.77	20.75		
5	64QAM	1	0	20.79	20.80	20.77		
5	64QAM	1	12	20.77	20.80	20.70	22	2
5	64QAM	1	24	20.67	20.88	20.75		
5	64QAM	12	0	19.66	19.81	19.63		
5	64QAM	12	7	19.70	19.81	19.73	21	3
5	64QAM	12	13	19.72	19.71	19.71		
5	64QAM	25	0	19.62	19.69	19.73		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.75	22.79	22.75		
3	QPSK	1	8	22.55	22.70	22.65	24	0
3	QPSK	1	14	22.50	22.68	22.54		
3	QPSK	8	0	21.61	21.66	21.51		
3	QPSK	8	4	21.52	21.53	21.43	23	1
3	QPSK	8	7	21.51	21.65	21.56		
3	QPSK	15	0	21.62	21.66	21.66		
3	16QAM	1	0	21.83	21.98	21.92		
3	16QAM	1	8	21.78	21.92	21.80	23	1
3	16QAM	1	14	21.82	21.80	21.71		
3	16QAM	8	0	20.61	20.75	20.69		
3	16QAM	8	4	20.59	20.80	20.54	22	2
3	16QAM	8	7	20.72	20.66	20.69		
3	16QAM	15	0	20.61	20.72	20.67		
3	64QAM	1	0	20.77	20.77	20.74		
3	64QAM	1	8	20.78	20.87	20.80	22	2
3	64QAM	1	14	20.76	20.78	20.68		
3	64QAM	8	0	19.58	19.74	19.66		
3	64QAM	8	4	19.65	19.73	19.74	21	3
3	64QAM	8	7	19.72	19.70	19.69		
3	64QAM	15	0	19.62	19.67	19.70		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.61	22.73	22.74		
1.4	QPSK	1	3	22.54	22.72	22.68		
1.4	QPSK	1	5	22.43	22.55	22.47	24	0
1.4	QPSK	3	0	22.53	22.71	22.67		
1.4	QPSK	3	1	22.42	22.57	22.55		
1.4	QPSK	3	3	22.30	22.50	22.46		
1.4	QPSK	6	0	21.59	21.62	21.61	23	1
1.4	16QAM	1	0	21.84	21.97	21.87		
1.4	16QAM	1	3	21.85	22.01	21.81		
1.4	16QAM	1	5	21.87	21.90	21.80	23	1
1.4	16QAM	3	0	21.82	21.94	21.85		
1.4	16QAM	3	1	21.75	21.88	21.67		
1.4	16QAM	3	3	21.76	21.82	21.77		
1.4	16QAM	6	0	20.73	20.72	20.75	22	2
1.4	64QAM	1	0	20.82	20.86	20.67		
1.4	64QAM	1	3	20.72	20.84	20.74		
1.4	64QAM	1	5	20.73	20.77	20.73	22	2
1.4	64QAM	3	0	20.70	20.73	20.63		
1.4	64QAM	3	1	20.66	20.78	20.64		
1.4	64QAM	3	3	20.72	20.68	20.64		
1.4	64QAM	6	0	19.66	19.74	19.75	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.12	22.14	22.05		
20	QPSK	1	49	22.10	22.06	21.96	23	0
20	QPSK	1	99	22.01	22.12	21.91		
20	QPSK	50	0	22.07	22.11	22.00		
20	QPSK	50	24	22.01	22.03	21.91	23	0
20	QPSK	50	50	22.04	22.01	21.94		
20	QPSK	100	0	22.00	22.02	21.93		
20	16QAM	1	0	22.08	22.11	21.91		
20	16QAM	1	49	22.00	22.11	22.01	23	0
20	16QAM	1	99	22.05	22.11	22.04		
20	16QAM	50	0	22.07	22.03	21.96		
20	16QAM	50	24	22.08	22.03	21.96	23	0
20	16QAM	50	50	22.04	22.04	21.93		
20	16QAM	100	0	22.02	22.09	22.02		
20	64QAM	1	0	22.02	22.00	21.93		
20	64QAM	1	49	22.01	22.12	21.94	23	0
20	64QAM	1	99	22.11	22.09	22.00		
20	64QAM	50	0	21.31	21.43	21.25		
20	64QAM	50	24	21.22	21.33	21.33	22	1
20	64QAM	50	50	21.17	21.20	21.16		
20	64QAM	100	0	21.23	21.32	21.18		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.10	22.10	21.92		
15	QPSK	1	37	22.00	21.91	21.94	23	0
15	QPSK	1	74	22.00	21.99	21.82		
15	QPSK	36	0	22.03	22.01	21.97		
15	QPSK	36	20	21.89	21.98	21.89	23	0
15	QPSK	36	39	21.97	21.88	21.85		
15	QPSK	75	0	21.92	21.96	21.81		
15	16QAM	1	0	21.94	21.99	21.80		
15	16QAM	1	37	21.96	22.05	21.97	23	0
15	16QAM	1	74	21.94	22.02	21.96		
15	16QAM	36	0	21.93	21.90	21.94		
15	16QAM	36	20	22.03	21.93	21.86	23	0
15	16QAM	36	39	22.03	21.93	21.86		
15	16QAM	75	0	22.00	21.98	21.95		
15	64QAM	1	0	21.89	21.98	21.88		
15	64QAM	1	37	21.88	22.11	21.83	23	0
15	64QAM	1	74	22.05	22.08	21.88		
15	64QAM	36	0	21.21	21.29	21.18		
15	64QAM	36	20	21.20	21.28	21.23	22	1
15	64QAM	36	39	21.04	21.19	21.06		
15	64QAM	75	0	21.09	21.23	21.09		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.11	22.03	21.93		
10	QPSK	1	25	22.09	22.04	21.82	23	0
10	QPSK	1	49	21.94	22.11	21.90		
10	QPSK	25	0	22.03	21.97	21.88		
10	QPSK	25	12	21.92	21.95	21.77	23	0
10	QPSK	25	25	21.94	21.93	21.89		
10	QPSK	50	0	21.94	21.98	21.80		
10	16QAM	1	0	21.96	22.00	21.81		
10	16QAM	1	25	21.94	22.05	21.93	23	0
10	16QAM	1	49	21.93	21.96	21.96		
10	16QAM	25	0	21.94	21.97	21.84		
10	16QAM	25	12	22.06	22.02	21.86	23	0
10	16QAM	25	25	21.95	22.02	21.83		
10	16QAM	50	0	21.89	21.94	21.95		
10	64QAM	1	0	22.01	21.88	21.91		
10	64QAM	1	25	22.00	22.08	21.93	23	0
10	64QAM	1	49	22.04	22.02	21.90		
10	64QAM	25	0	21.28	21.41	21.22		
10	64QAM	25	12	21.14	21.23	21.29	22	1
10	64QAM	25	25	21.08	21.07	21.01		
10	64QAM	50	0	21.21	21.21	21.03		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.09	22.04	21.98		
5	QPSK	1	12	21.96	21.95	21.86	23	0
5	QPSK	1	24	21.89	22.09	21.89		
5	QPSK	12	0	21.94	22.05	21.98		
5	QPSK	12	7	22.00	21.94	21.80	23	0
5	QPSK	12	13	22.01	21.98	21.82		
5	QPSK	25	0	21.95	21.93	21.81		
5	16QAM	1	0	21.98	22.06	21.78		
5	16QAM	1	12	21.92	22.03	21.86	23	0
5	16QAM	1	24	21.91	22.00	22.00		
5	16QAM	12	0	22.06	21.99	21.95		
5	16QAM	12	7	21.95	21.91	21.89	23	0
5	16QAM	12	13	21.95	21.94	21.91		
5	16QAM	25	0	21.93	22.07	21.89		
5	64QAM	1	0	21.88	21.86	21.81		
5	64QAM	1	12	21.95	22.06	21.87	23	0
5	64QAM	1	24	22.06	21.94	21.85		
5	64QAM	12	0	21.30	21.28	21.17		
5	64QAM	12	7	21.11	21.26	21.25	22	1
5	64QAM	12	13	21.15	21.10	21.11		
5	64QAM	25	0	21.19	21.17	21.07		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.98	22.13	21.95		
3	QPSK	1	8	22.03	21.92	21.83	23	0
3	QPSK	1	14	21.95	22.05	21.78		
3	QPSK	8	0	22.02	22.05	21.94		
3	QPSK	8	4	21.98	21.96	21.89	23	0
3	QPSK	8	7	22.02	21.90	21.79		
3	QPSK	15	0	21.96	22.01	21.92		
3	16QAM	1	0	22.02	22.08	21.83		
3	16QAM	1	8	21.86	21.98	21.97	23	0
3	16QAM	1	14	21.97	22.02	21.96		
3	16QAM	8	0	22.02	21.95	21.90		
3	16QAM	8	4	22.06	22.01	21.88	23	0
3	16QAM	8	7	21.89	21.94	21.80		
3	16QAM	15	0	21.90	21.96	21.97		
3	64QAM	1	0	21.89	21.91	21.87		
3	64QAM	1	8	21.98	22.07	21.88	23	0
3	64QAM	1	14	21.96	21.99	21.96		
3	64QAM	8	0	21.18	21.29	21.10		
3	64QAM	8	4	21.20	21.18	21.22	22	1
3	64QAM	8	7	21.14	21.11	21.10		
3	64QAM	15	0	21.20	21.31	21.04		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.04	21.99	21.96		
1.4	QPSK	1	3	21.96	21.93	21.90		
1.4	QPSK	1	5	21.96	22.00	21.85	23	0
1.4	QPSK	3	0	22.00	22.08	21.86		
1.4	QPSK	3	1	21.94	21.92	21.90		
1.4	QPSK	3	3	21.92	21.92	21.81		
1.4	QPSK	6	0	21.94	21.96	21.84	23	0
1.4	16QAM	1	0	21.93	22.01	21.78		
1.4	16QAM	1	3	21.85	21.99	21.87		
1.4	16QAM	1	5	21.97	22.07	21.95	23	0
1.4	16QAM	3	0	21.94	21.93	21.88		
1.4	16QAM	3	1	22.06	21.97	21.93		
1.4	16QAM	3	3	21.94	22.00	21.89		
1.4	16QAM	6	0	21.88	21.97	21.93	23	0
1.4	64QAM	1	0	21.88	21.92	21.84		
1.4	64QAM	1	3	21.90	22.02	21.83		
1.4	64QAM	1	5	22.03	22.00	21.90	23	0
1.4	64QAM	3	0	21.83	21.78	21.78		
1.4	64QAM	3	1	21.84	22.00	21.78		
1.4	64QAM	3	3	21.99	21.96	21.84		
1.4	64QAM	6	0	21.18	21.27	21.10	22	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.91	22.05	21.99		
20	QPSK	1	49	21.76	22.01	21.91	22.5	0
20	QPSK	1	99	21.84	21.97	21.95		
20	QPSK	50	0	21.87	22.00	21.92		
20	QPSK	50	24	21.81	21.90	21.84	22.5	0
20	QPSK	50	50	21.76	21.92	21.84		
20	QPSK	100	0	21.78	21.93	21.85		
20	16QAM	1	0	21.87	21.92	21.97		
20	16QAM	1	49	21.83	22.00	21.86	22.5	0
20	16QAM	1	99	21.80	22.00	21.86		
20	16QAM	50	0	21.77	21.95	21.98		
20	16QAM	50	24	21.77	22.03	21.94	22.5	0
20	16QAM	50	50	21.79	21.97	21.97		
20	16QAM	100	0	21.82	21.99	21.88		
20	64QAM	1	0	21.81	21.95	21.92		
20	64QAM	1	49	21.85	21.95	21.90	22.5	0
20	64QAM	1	99	21.86	21.96	21.85		
20	64QAM	50	0	21.20	21.24	21.14		
20	64QAM	50	24	21.19	21.19	21.13	22	0.5
20	64QAM	50	50	21.09	21.22	20.95		
20	64QAM	100	0	21.05	21.20	21.06		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.79	22.03	21.95		
15	QPSK	1	37	21.73	21.98	21.82	22.5	0
15	QPSK	1	74	21.75	21.84	21.85		
15	QPSK	36	0	21.75	21.86	21.77		
15	QPSK	36	20	21.80	21.82	21.71	22.5	0
15	QPSK	36	39	21.64	21.80	21.69		
15	QPSK	75	0	21.75	21.78	21.79		
15	16QAM	1	0	21.85	21.81	21.86		
15	16QAM	1	37	21.74	21.86	21.71	22.5	0
15	16QAM	1	74	21.72	21.98	21.79		
15	16QAM	36	0	21.72	21.94	21.92		
15	16QAM	36	20	21.76	21.93	21.79	22.5	0
15	16QAM	36	39	21.66	21.86	21.87		
15	16QAM	75	0	21.73	21.88	21.83		
15	64QAM	1	0	21.75	21.81	21.86		
15	64QAM	1	37	21.72	21.89	21.77	22.5	0
15	64QAM	1	74	21.76	21.82	21.76		
15	64QAM	36	0	21.15	21.21	21.07		
15	64QAM	36	20	21.07	21.09	20.98	22	0.5
15	64QAM	36	39	21.06	21.17	20.82		
15	64QAM	75	0	20.95	21.08	21.04		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.77	22.00	21.91		
10	QPSK	1	25	21.61	21.90	21.87	22.5	0
10	QPSK	1	49	21.79	21.82	21.93		
10	QPSK	25	0	21.74	21.85	21.84		
10	QPSK	25	12	21.75	21.84	21.71	22.5	0
10	QPSK	25	25	21.68	21.83	21.69		
10	QPSK	50	0	21.75	21.89	21.81		
10	16QAM	1	0	21.72	21.91	21.92		
10	16QAM	1	25	21.73	21.89	21.73	22.5	0
10	16QAM	1	49	21.67	21.91	21.72		
10	16QAM	25	0	21.69	21.82	21.94		
10	16QAM	25	12	21.64	22.00	21.84	22.5	0
10	16QAM	25	25	21.75	21.86	21.95		
10	16QAM	50	0	21.80	21.86	21.79		
10	64QAM	1	0	21.79	21.80	21.85		
10	64QAM	1	25	21.84	21.82	21.81	22.5	0
10	64QAM	1	49	21.84	21.82	21.71		
10	64QAM	25	0	21.17	21.10	21.13		
10	64QAM	25	12	21.04	21.14	20.99	22	0.5
10	64QAM	25	25	21.05	21.20	20.89		
10	64QAM	50	0	21.02	21.11	20.96		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.76	21.96	21.86		
5	QPSK	1	12	21.65	21.90	21.81	22.5	0
5	QPSK	1	24	21.82	21.83	21.81		
5	QPSK	12	0	21.81	21.95	21.81		
5	QPSK	12	7	21.70	21.84	21.69	22.5	0
5	QPSK	12	13	21.71	21.91	21.83		
5	QPSK	25	0	21.76	21.82	21.79		
5	16QAM	1	0	21.82	21.88	21.88		
5	16QAM	1	12	21.71	21.88	21.74	22.5	0
5	16QAM	1	24	21.70	21.92	21.73		
5	16QAM	12	0	21.63	21.91	21.83		
5	16QAM	12	7	21.71	21.92	21.89	22.5	0
5	16QAM	12	13	21.69	21.85	21.90		
5	16QAM	25	0	21.74	21.92	21.78		
5	64QAM	1	0	21.73	21.80	21.85		
5	64QAM	1	12	21.78	21.93	21.81	22.5	0
5	64QAM	1	24	21.78	21.89	21.73		
5	64QAM	12	0	21.06	21.21	21.12		
5	64QAM	12	7	21.04	21.12	21.08	22	0.5
5	64QAM	12	13	21.08	21.09	20.83		
5	64QAM	25	0	20.97	21.09	20.91		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.77	22.02	21.92		
3	QPSK	1	8	21.61	21.91	21.86	22.5	0
3	QPSK	1	14	21.82	21.82	21.81		
3	QPSK	8	0	21.83	21.85	21.81		
3	QPSK	8	4	21.68	21.79	21.81	22.5	0
3	QPSK	8	7	21.66	21.88	21.80		
3	QPSK	15	0	21.75	21.87	21.76		
3	16QAM	1	0	21.78	21.80	21.89		
3	16QAM	1	8	21.77	21.96	21.71	22.5	0
3	16QAM	1	14	21.77	21.96	21.78		
3	16QAM	8	0	21.75	21.89	21.88		
3	16QAM	8	4	21.76	22.02	21.90	22.5	0
3	16QAM	8	7	21.66	21.87	21.92		
3	16QAM	15	0	21.80	21.97	21.84		
3	64QAM	1	0	21.74	21.88	21.80		
3	64QAM	1	8	21.79	21.91	21.80	22.5	0
3	64QAM	1	14	21.80	21.88	21.71		
3	64QAM	8	0	21.17	21.14	21.10		
3	64QAM	8	4	21.08	21.18	20.99	22	0.5
3	64QAM	8	7	21.05	21.18	20.83		
3	64QAM	15	0	20.95	21.16	20.91		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.82	21.91	21.89		
1.4	QPSK	1	3	21.72	22.00	21.82	22.5	0
1.4	QPSK	1	5	21.70	21.90	21.81		
1.4	QPSK	3	0	21.76	21.97	21.81		
1.4	QPSK	3	1	21.69	21.81	21.81		
1.4	QPSK	3	3	21.68	21.91

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.36	22.47	22.22		
20	QPSK	1	49	22.07	22.21	22.16	23	0
20	QPSK	1	99	21.99	22.11	22.08		
20	QPSK	50	0	21.27	21.29	21.23		
20	QPSK	50	24	21.17	21.24	21.21	22	1
20	QPSK	50	50	21.14	21.15	21.14		
20	QPSK	100	0	21.21	21.22	21.07		
20	16QAM	1	0	21.58	21.64	21.56		
20	16QAM	1	49	21.42	21.49	21.41	22	1
20	16QAM	1	99	21.26	21.40	21.32		
20	16QAM	50	0	20.24	20.27	20.18		
20	16QAM	50	24	20.16	20.27	20.21	21	2
20	16QAM	50	50	20.03	20.18	20.11		
20	16QAM	100	0	20.16	20.24	20.09		
20	64QAM	1	0	20.53	20.56	20.49		
20	64QAM	1	49	20.31	20.38	20.23	21	2
20	64QAM	1	99	20.21	20.28	20.27		
20	64QAM	50	0	19.28	19.31	19.30		
20	64QAM	50	24	19.27	19.29	19.23	20	3
20	64QAM	50	50	19.09	19.18	19.17		
20	64QAM	100	0	19.21	19.24	19.10		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.26	22.24	22.07		
15	QPSK	1	37	21.92	22.17	22.10	23	0
15	QPSK	1	74	21.89	21.98	21.99		
15	QPSK	36	0	21.14	21.25	21.13		
15	QPSK	36	20	21.02	21.22	21.09	22	1
15	QPSK	36	39	21.11	21.05	21.05		
15	QPSK	75	0	21.11	21.15	20.95		
15	16QAM	1	0	21.54	21.63	21.54		
15	16QAM	1	37	21.31	21.46	21.37	22	1
15	16QAM	1	74	21.23	21.36	21.17		
15	16QAM	36	0	20.17	20.22	20.05		
15	16QAM	36	20	20.02	20.17	20.12	21	2
15	16QAM	36	39	19.91	20.06	20.08		
15	16QAM	75	0	20.02	20.20	19.98		
15	64QAM	1	0	20.38	20.51	20.39		
15	64QAM	1	37	20.20	20.27	20.08	21	2
15	64QAM	1	74	20.16	20.14	20.24		
15	64QAM	36	0	19.21	19.21	19.21		
15	64QAM	36	20	19.13	19.20	19.18	20	3
15	64QAM	36	39	19.03	19.16	19.04		
15	64QAM	75	0	19.14	19.16	18.99		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.29	22.23	22.17		
10	QPSK	1	25	21.95	22.14	22.01	23	0
10	QPSK	1	49	21.89	21.96	21.97		
10	QPSK	25	0	21.26	21.17	21.12		
10	QPSK	25	12	21.15	21.11	21.15	22	1
10	QPSK	25	25	21.10	21.07	21.02		
10	QPSK	50	0	21.15	21.11	20.95		
10	16QAM	1	0	21.51	21.55	21.44		
10	16QAM	1	25	21.30	21.48	21.34	22	1
10	16QAM	1	49	21.20	21.31	21.29		
10	16QAM	25	0	20.17	20.13	20.06		
10	16QAM	25	12	20.09	20.26	20.08	21	2
10	16QAM	25	25	19.95	20.04	20.01		
10	16QAM	50	0	20.15	20.18	20.08		
10	64QAM	1	0	20.39	20.48	20.35		
10	64QAM	1	25	20.22	20.31	20.18	21	2
10	64QAM	1	49	20.06	20.16	20.17		
10	64QAM	25	0	19.21	19.21	19.25		
10	64QAM	25	12	19.20	19.23	19.12	20	3
10	64QAM	25	25	19.07	19.09	19.12		
10	64QAM	50	0	19.08	19.22	18.98		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.25	22.27	22.12		
5	QPSK	1	12	22.02	22.08	22.13	23	0
5	QPSK	1	24	21.87	22.09	22.03		
5	QPSK	12	0	21.17	21.27	21.19		
5	QPSK	12	7	21.05	21.18	21.15	22	1
5	QPSK	12	13	21.09	21.02	21.01		
5	QPSK	25	0	21.17	21.13	20.92		
5	16QAM	1	0	21.50	21.54	21.46		
5	16QAM	1	12	21.32	21.47	21.32	22	1
5	16QAM	1	24	21.22	21.29	21.19		
5	16QAM	12	0	20.16	20.19	20.16		
5	16QAM	12	7	20.11	20.16	20.17	21	2
5	16QAM	12	13	19.94	20.06	20.03		
5	16QAM	25	0	20.14	20.20	19.94		
5	64QAM	1	0	20.41	20.47	20.48		
5	64QAM	1	12	20.22	20.34	20.17	21	2
5	64QAM	1	24	20.19	20.18	20.15		
5	64QAM	12	0	19.20	19.30	19.15		
5	64QAM	12	7	19.22	19.18	19.19	20	3
5	64QAM	12	13	18.97	19.03	19.08		
5	64QAM	25	0	19.19	19.21	19.06		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.30	22.27	22.17		
3	QPSK	1	8	21.96	22.10	22.02	23	0
3	QPSK	1	14	21.86	21.96	22.04		
3	QPSK	8	0	21.19	21.28	21.18		
3	QPSK	8	4	21.16	21.23	21.17	22	1
3	QPSK	8	7	21.09	21.14	21.09		
3	QPSK	15	0	21.08	21.14	20.95		
3	16QAM	1	0	21.43	21.58	21.53		
3	16QAM	1	8	21.32	21.46	21.39	22	1
3	16QAM	1	14	21.13	21.38	21.21		
3	16QAM	8	0	20.23	20.12	20.03		
3	16QAM	8	4	20.09	20.12	20.06	21	2
3	16QAM	8	7	19.90	20.04	19.97		
3	16QAM	15	0	20.02	20.23	20.02		
3	64QAM	1	0	20.44	20.44	20.40		
3	64QAM	1	8	20.20	20.26	20.12	21	2
3	64QAM	1	14	20.15	20.18	20.13		
3	64QAM	8	0	19.17	19.28	19.21		
3	64QAM	8	4	19.15	19.19	19.12	20	3
3	64QAM	8	7	19.08	19.15	19.02		
3	64QAM	15	0	19.08	19.23	18.97		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.30	22.26	22.15		
1.4	QPSK	1	3	22.06	22.19	22.14		
1.4	QPSK	1	5	21.92	22.00	21.93	23	0
1.4	QPSK	3	0	22.16	22.19	22.05		
1.4	QPSK	3	1	21.97	22.09	22.02		
1.4	QPSK	3	3	21.84	21.93	21.87		
1.4	QPSK	6	0	21.10	21.10	21.06	22	1
1.4	16QAM	1	0	21.47	21.62	21.44		
1.4	16QAM	1	3	21.38	21.48	21.30		
1.4	16QAM	1	5	21.22	21.30	21.19	22	1
1.4	16QAM	3	0	21.38	21.51	21.37		
1.4	16QAM	3	1	21.25	21.40	21.20		
1.4	16QAM	3	3	21.18	21.18	21.06		
1.4	16QAM	6	0	20.08	20.22	19.99	21	2
1.4	64QAM	1	0	20.48	20.53	20.37		
1.4	64QAM	1	3	20.25	20.37	20.08		
1.4	64QAM	1	5	20.13	20.22	20.22	21	2
1.4	64QAM	3	0	20.45	20.45	20.27		
1.4	64QAM	3	1	20.16	20.28	20.01		
1.4	64QAM	3	3	20.07	20.14	20.21		
1.4	64QAM	6	0	19.12	19.12	19.05	20	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	23.37	23.39	23.32	24	0
20	QPSK	1	49	23.23	23.23	23.18		
20	QPSK	1	99	23.29	23.14	23.21		
20	QPSK	50	0	23.28	23.36	23.29	24	0
20	QPSK	50	24	23.22	23.21	23.26		
20	QPSK	50	50	23.27	23.21	23.21		
20	QPSK	100	0	23.23	23.27	23.23		
20	16QAM	1	0	23.24	23.23	23.22	24	0
20	16QAM	1	49	23.30	23.14	23.24		
20	16QAM	1	99	23.23	23.17	23.18		
20	16QAM	50	0	22.25	22.29	22.33	23	1
20	16QAM	50	24	22.45	22.43	22.33		
20	16QAM	50	50	22.35	22.29	22.19		
20	16QAM	100	0	22.22	22.33	22.45		
20	64QAM	1	0	21.70	21.81	21.86	23	1
20	64QAM	1	49	22.46	22.64	22.46		
20	64QAM	1	99	22.13	22.16	22.16		
20	64QAM	50	0	21.24	21.39	21.24	22	2
20	64QAM	50	24	21.36	21.30	21.23		
20	64QAM	50	50	21.26	21.38	21.38		
20	64QAM	100	0	21.19	21.28	21.28		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.33	23.25	23.23	24	0
15	QPSK	1	37	23.11	23.08	23.13		
15	QPSK	1	74	23.21	23.09	23.19		
15	QPSK	36	0	23.16	23.33	23.24	24	0
15	QPSK	36	20	23.19	23.13	23.17		
15	QPSK	36	39	23.26	23.16	23.15		
15	QPSK	75	0	23.15	23.12	23.14		
15	16QAM	1	0	23.20	23.10	23.18	24	0
15	16QAM	1	37	23.26	23.12	23.22		
15	16QAM	1	74	23.13	23.14	23.05		
15	16QAM	36	0	22.18	22.26	22.20	23	1
15	16QAM	36	20	22.41	22.37	22.19		
15	16QAM	36	39	22.21	22.16	22.12		
15	16QAM	75	0	22.15	22.28	22.40		
15	64QAM	1	0	21.64	21.70	21.80	23	1
15	64QAM	1	37	22.36	22.52	22.41		
15	64QAM	1	74	22.03	22.03	22.01		
15	64QAM	36	0	21.18	21.27	21.22	22	2
15	64QAM	36	20	21.31	21.19	21.18		
15	64QAM	36	39	21.24	21.34	21.33		
15	64QAM	75	0	21.05	21.16	21.19		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.29	23.33	23.23	24	0
10	QPSK	1	25	23.10	23.13	23.06		
10	QPSK	1	49	23.25	23.10	23.11		
10	QPSK	25	0	23.26	23.25	23.17	24	0
10	QPSK	25	12	23.10	23.09	23.20		
10	QPSK	25	25	23.19	23.12	23.15		
10	QPSK	50	0	23.15	23.16	23.19		
10	16QAM	1	0	23.22	23.12	23.13	24	0
10	16QAM	1	25	23.20	23.02	23.17		
10	16QAM	1	49	23.17	23.11	23.05		
10	16QAM	25	0	22.18	22.24	22.31	23	1
10	16QAM	25	12	22.40	22.31	22.29		
10	16QAM	25	25	22.33	22.23	22.15		
10	16QAM	50	0	22.16	22.19	22.35		
10	64QAM	1	0	21.67	21.68	21.75	23	1
10	64QAM	1	25	22.42	22.63	22.34		
10	64QAM	1	49	22.01	22.13	22.11		
10	64QAM	25	0	21.22	21.35	21.11	22	2
10	64QAM	25	12	21.30	21.19	21.18		
10	64QAM	25	25	21.23	21.31	21.35		
10	64QAM	50	0	21.11	21.14	21.24		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.34	23.37	23.29	24	0
5	QPSK	1	12	23.16	23.21	23.06		
5	QPSK	1	24	23.28	23.00	23.16		
5	QPSK	12	0	23.27	23.33	23.20	24	0
5	QPSK	12	7	23.08	23.09	23.25		
5	QPSK	12	13	23.15	23.08	23.06		
5	QPSK	25	0	23.17	23.09	23.11		
5	16QAM	1	0	23.21	23.09	23.21	24	0
5	16QAM	1	12	23.15	22.99	23.10		
5	16QAM	1	24	23.14	23.15	23.09		
5	16QAM	12	0	22.10	22.14	22.19	23	1
5	16QAM	12	7	22.40	22.40	22.31		
5	16QAM	12	13	22.21	22.25	22.15		
5	16QAM	25	0	22.15	22.27	22.32		
5	64QAM	1	0	21.60	21.71	21.77	23	1
5	64QAM	1	12	22.43	22.53	22.35		
5	64QAM	1	24	22.09	22.13	22.10		
5	64QAM	12	0	21.20	21.38	21.15	22	2
5	64QAM	12	7	21.29	21.23	21.11		
5	64QAM	12	13	21.22	21.26	21.29		
5	64QAM	25	0	21.18	21.21	21.22		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.63	24.65	24.62	25	0
20	QPSK	1	49	24.47	24.60	24.56		
20	QPSK	1	99	24.46	24.57	24.52		
20	QPSK	50	0	23.68	23.75	23.71	24	1
20	QPSK	50	24	23.60	23.74	23.63		
20	QPSK	50	50	23.65	23.67	23.65		
20	QPSK	100	0	23.66	23.70	23.68		
20	16QAM	1	0	23.70	23.77	23.62	24	1
20	16QAM	1	49	23.65	23.78	23.70		
20	16QAM	1	99	23.70	23.85	23.79		
20	16QAM	50	0	22.65	22.71	22.59	23	2
20	16QAM	50	24	22.75	22.76	22.75		
20	16QAM	50	50	22.70	22.78	22.68		
20	16QAM	100	0	22.68	22.73	22.67		
20	64QAM	1	0	22.35	22.47	22.46	23	2
20	64QAM	1	49	22.43	22.51	22.47		
20	64QAM	1	99	22.57	22.59	22.52		
20	64QAM	50	0	21.62	21.73	21.69	22	3
20	64QAM	50	24	21.72	21.76	21.67		
20	64QAM	50	50	21.67	21.72	21.64		
20	64QAM	100	0	21.67	21.73	21.68		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.49	24.54	24.53	25	0
15	QPSK	1	37	24.34	24.56	24.47		
15	QPSK	1	74	24.37	24.47	24.46		
15	QPSK	36	0	23.64	23.65	23.62	24	1
15	QPSK	36	20	23.55	23.65	23.55		
15	QPSK	36	39	23.50	23.63	23.57		
15	QPSK	75	0	23.65	23.65	23.57		
15	16QAM	1	0	23.61	23.70	23.47	24	1
15	16QAM	1	37	23.53	23.66	23.57		
15	16QAM	1	74	23.59	23.71	23.67		
15	16QAM	36	0	22.52	22.63	22.55	23	2
15	16QAM	36	20	22.68	22.82	22.68		
15	16QAM	36	39	22.66	22.74	22.58		
15	16QAM	75	0	22.66	22.67	22.53		
15	64QAM	1	0	22.31	22.39	22.40	23	2
15	64QAM	1	37	22.28	22.42	22.41		
15	64QAM	1	74	22.46	22.50	22.38		
15	64QAM	36	0	21.61	21.61	21.62	22	3
15	64QAM	36	20	21.57	21.71	21.63		
15	64QAM	36	39	21.56	21.68	21.49		
15	64QAM	75	0	21.52	21.63	21.62		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.55	24.51	24.59	25	0
10	QPSK	1	25	24.33	24.54	24.42		
10	QPSK	1	49	24.37	24.53	24.38		
10	QPSK	25	0	23.59	23.67	23.63	24	1
10	QPSK	25	12	23.48	23.59	23.62		
10	QPSK	25	25	23.52	23.56	23.56		
10	QPSK	50	0	23.60	23.61	23.53		
10	16QAM	1	0	23.62	23.76	23.59	24	1
10	16QAM	1	25	23.58	23.72	23.57		
10	16QAM	1	49	23.64	23.71	23.74		
10	16QAM	25	0	22.57	22.60	22.57	23	2
10	16QAM	25	12	22.68	22.62	22.71		
10	16QAM	25	25	22.57	22.68	22.53		
10	16QAM	50	0	22.64	22.62	22.52		
10	64QAM	1	0	22.33	22.42	22.38	23	2
10	64QAM	1	25	22.39	22.48	22.36		
10	64QAM	1	49	22.51	22.55	22.42		
10	64QAM	25	0	21.53	21.67	21.67	22	3
10	64QAM	25	12	21.60	21.74	21.63		
10	64QAM	25	25	21.54	21.63	21.54		
10	64QAM	50	0	21.53	21.65	21.53		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.53	24.63	24.59	25	0
5	QPSK	1	12	24.41	24.57	24.43		
5	QPSK	1	24	24.42	24.51	24.47		
5	QPSK	12	0	23.59	23.64	23.64	24	1
5	QPSK	12	7	23.58	23.59	23.61		
5	QPSK	12	13	23.52	23.64	23.58		
5	QPSK	25	0	23.58	23.59	23.59		
5	16QAM	1	0	23.69	23.76	23.47	24	1
5	16QAM	1	12	23.62	23.74	23.58		
5	16QAM	1	24	23.56	23.76	23.74		
5	16QAM	12	0	22.54	22.56	22.46	23	2
5	16QAM	12	7	22.64	22.66	22.72		
5	16QAM	12	13	22.64	22.77	22.54		
5	16QAM	25	0	22.67	22.68	22.57		
5	64QAM	1	0	22.31	22.46	22.36	23	2
5	64QAM	1	12	22.30	22.38	22.36		
5	64QAM	1	24	22.43	22.57	22.37		
5	64QAM	12	0	21.48	21.68	21.55	22	3
5	64QAM	12	7	21.59	21.64	21.66		
5	64QAM	12	13	21.54	21.71	21.61		
5	64QAM	25	0	21.66	21.69	21.62		

Band 38_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.38	21.45	21.37	23	0
20	QPSK	1	49	21.22	21.36	21.23		
20	QPSK	1	99	21.32	21.34	21.31		
20	QPSK	50	0	20.37	20.41	20.40	22	1
20	QPSK	50	24	20.31	20.37	20.35		
20	QPSK	50	50	20.36	20.32	20.36		
20	QPSK	100	0	20.32	20.40	20.39		
20	16QAM	1	0	20.48	20.49	20.37	22	1
20	16QAM	1	49	20.37	20.49	20.35		
20	16QAM	1	99	20.38	20.49	20.42		
20	16QAM	50	0	19.32	19.47	19.32	21	2
20	16QAM	50	24	19.34	19.46	19.44		
20	16QAM	50	50	19.38	19.46	19.38		
20	16QAM	100	0	19.39	19.49	19.47		
20	64QAM	1	0	19.13	19.24	19.11	21	2
20	64QAM	1	49	19.15	19.23	19.08		
20	64QAM	1	99	19.15	19.23	19.11		
20	64QAM	50	0	18.33	18.43	18.29	20	3
20	64QAM	50	24	18.44	18.45	18.44		
20	64QAM	50	50	18.33	18.42	18.33		
20	64QAM	100	0	18.31	18.41	18.27		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.37	21.30	21.26	23	0
15	QPSK	1	37	21.21	21.29	21.20		
15	QPSK	1	74	21.19	21.31	21.23		
15	QPSK	36	0	20.35	20.32	20.33	22	1
15	QPSK	36	20	20.23	20.27	20.27		
15	QPSK	36	39	20.29	20.26	20.34		
15	QPSK	75	0	20.18	20.27	20.25		
15	16QAM	1	0	20.38	20.44	20.33	22	1
15	16QAM	1	37	20.22	20.39	20.21		
15	16QAM	1	74	20.25	20.37	20.27		
15	16QAM	36	0	19.21	19.39	19.26	21	2
15	16QAM	36	20	19.19	19.37	19.29		
15	16QAM	36	39	19.27	19.33	19.30		
15	16QAM	75	0	19.25	19.45	19.44		
15	64QAM	1	0	19.10	19.09	19.09	21	2
15	64QAM	1	37	19.00	19.16	19.07		
15	64QAM	1	74	19.04	19.18	19.00		
15	64QAM	36	0	18.30	18.30	18.17	20	3
15	64QAM	36	20	18.32	18.31	18.37		
15	64QAM	36	39	18.25	18.27	18.23		
15	64QAM	75	0	18.20	18.33	18.20		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.36	21.34	21.32	23	0
10	QPSK	1	25	21.09	21.27	21.22		
10	QPSK	1	49	21.28	21.31	21.25		
10	QPSK	25	0	20.23	20.37	20.31	22	1
10	QPSK	25	12	20.16	20.36	20.20		
10	QPSK	25	25	20.27	20.17	20.33		
10	QPSK	50	0	20.23	20.36	20.38		
10	16QAM	1	0	20.43	20.44	20.34	22	1
10	16QAM	1	25	20.26	20.35	20.28		
10	16QAM	1	49	20.23	20.36	20.37		
10	16QAM	25	0	19.28	19.39	19.30	21	2
10	16QAM	25	12	19.23	19.45	19.38		
10	16QAM	25	25	19.33	19.42	19.34		
10	16QAM	50	0	19.34	19.42	19.37		
10	64QAM	1	0	19.10	19.15	19.05	21	2
10	64QAM	1	25	19.00	19.11	19.06		
10	64QAM	1	49	19.01	19.15	19.04		
10	64QAM	25	0	18.19	18.32	18.26	20	3
10	64QAM	25	12	18.35	18.42	18.33		
10	64QAM	25	25	18.20	18.35	18.29		
10	64QAM	50	0	18.25	18.35	18.13		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.34	21.38	21.27	23	0
5	QPSK	1	12	21.12	21.28	21.18		
5	QPSK	1	24	21.23	21.19	21.18		
5	QPSK	12	0	20.26	20.31	20.36	22	1
5	QPSK	12	7	20.29	20.30	20.30		
5	QPSK	12	13	20.28	20.28	20.32		
5	QPSK	25	0	20.19	20.36	20.38		
5	16QAM	1	0	20.41	20.45	20.34	22	1
5	16QAM	1	12	20.36	20.41	20.29		
5	16QAM	1	24	20.28	20.44	20.29		
5	16QAM	12	0	19.23	19.42	19.18	21	2
5	16QAM	12	7	19.19	19.36	19.42		
5	16QAM	12	13	19.32	19.41	19.29		
5	16QAM	25	0	19.38	19.37	19.37		
5	64QAM	1	0	19.05	19.13	19.02	21	2
5	64QAM	1	12	19.07	19.15	19.06		
5	64QAM	1	24	19.04	19.16	19.01		
5	64QAM	12	0	18.23	18.41	18.23	20	3
5	64QAM	12	7	18.29	18.33	18.31		
5	64QAM	12	13	18.26	18.36	18.21		
5	64QAM	25	0	18.17	18.26	18.17		

Band 41_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.40	23.46	23.50	23.44	23.48	23.8	0
20	QPSK	1	49	23.39	23.37	23.44	23.34	23.40		
20	QPSK	1	99	23.32	23.30	23.40	23.32	23.32		
20	QPSK	50	0	22.44	22.49	22.56	22.53	22.51	22.8	1
20	QPSK	50	24	22.36	22.41	22.50	22.40	22.49		
20	QPSK	50	50	22.41	22.46	22.52	22.50	22.37		
20	QPSK	100	0	22.36	22.46	22.51	22.45	22.50		
20	16QAM	1	0	22.51	22.44	22.53	22.41	22.41	22.8	1
20	16QAM	1	49	22.45	22.44	22.55	22.49	22.45		
20	16QAM	1	99	22.57	22.44	22.59	22.49	22.45		
20	16QAM	50	0	21.42	21.40	21.48	21.38	21.34	21.8	2
20	16QAM	50	24	21.36	21.46	21.50	21.43	21.48		
20	16QAM	50	50	21.38	21.47	21.52	21.49	21.47		
20	16QAM	100	0	21.43	21.41	21.48	21.39	21.37		
20	64QAM	1	0	21.12	21.17	21.24	21.10	21.19	21.8	2
20	64QAM	1	49	20.94	20.89	21.00	20.88	20.93		
20	64QAM	1	99	21.27	21.26	21.33	21.29	21.19		
20	64QAM	50	0	20.33	20.43	20.48	20.37	20.45	20.8	3
20	64QAM	50	24	20.43	20.39	20.48	20.39	20.37		
20	64QAM	50	50	20.43	20.42	20.51	20.37	20.40		
20	64QAM	100	0	20.12	20.03	20.18	20.16	20.06		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.31	23.43	23.35	23.41	23.33	23.8	0
15	QPSK	1	37	23.29	23.25	23.29	23.27	23.33		
15	QPSK	1	74	23.22	23.15	23.38	23.30	23.20		
15	QPSK	36	0	22.37	22.36	22.54	22.46	22.40	22.8	1
15	QPSK	36	20	22.23	22.29	22.43	22.31	22.40		
15	QPSK	36	39	22.40	22.34	22.46	22.45	22.36		
15	QPSK	75	0	22.33	22.37	22.40	22.40	22.37		
15	16QAM	1	0	22.45	22.42	22.40	22.34	22.32	22.8	1
15	16QAM	1	37	22.43	22.31	22.45	22.44	22.36		
15	16QAM	1	74	22.45	22.30	22.57	22.36	22.30		
15	16QAM	36	0	21.36	21.38	21.38	21.34	21.29	21.8	2
15	16QAM	36	20	21.26	21.31	21.47	21.40	21.35		
15	16QAM	36	39	21.32	21.39	21.49	21.46	21.43		
15	16QAM	75	0	21.37	21.39	21.40	21.25	21.31		
15	64QAM	1	0	21.06	21.10	21.09	20.96	21.07	21.8	2
15	64QAM	1	37	20.80	20.86	20.99	20.81	20.89		
15	64QAM	1	74	21.24	21.11	21.22	21.28	21.05		
15	64QAM	36	0	20.21	20.32	20.37	20.23	20.37	20.8	3
15	64QAM	36	20	20.34	20.37	20.42	20.29	20.29		
15	64QAM	36	39	20.42	20.41	20.41	20.25	20.37		
15	64QAM	75	0	20.00	19.92	20.10	20.10	20.01		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.37	23.44	23.40	23.34	23.33	23.8	0
10	QPSK	1	25	23.36	23.35	23.37	23.33	23.32		
10	QPSK	1	49	23.20	23.18	23.28	23.22	23.28		
10	QPSK	25	0	22.35	22.48	22.52	22.42	22.38	22.8	1
10	QPSK	25	12	22.35	22.30	22.38	22.28	22.39		
10	QPSK	25	25	22.33	22.39	22.37	22.35	22.31		
10	QPSK	50	0	22.21	22.40	22.44	22.34	22.40		
10	16QAM	1	0	22.46	22.29	22.40	22.27	22.30	22.8	1
10	16QAM	1	25	22.41	22.39	22.53	22.45	22.39		
10	16QAM	1	49	22.43	22.38	22.53	22.38	22.44		
10	16QAM	25	0	21.28	21.37	21.45	21.35	21.33	21.8	2
10	16QAM	25	12	21.27	21.40	21.42	21.37	21.33		
10	16QAM	25	25	21.24	21.39	21.42	21.39	21.33		
10	16QAM	50	0	21.28	21.27	21.45	21.38	21.26		
10	64QAM	1	0	21.06	21.09	21.17	21.04	21.11	21.8	2
10	64QAM	1	25	20.93	20.81	20.92	20.80	20.85		
10	64QAM	1	49	21.14	21.22	21.30	21.15	21.16		
10	64QAM	25	0	20.28	20.31	20.36	20.31	20.38	20.8	3
10	64QAM	25	12	20.42	20.25	20.33	20.31	20.24		
10	64QAM	25	25	20.36	20.28	20.42	20.32	20.39		
10	64QAM	50	0	20.04	20.00	20.13	20.05	19.92		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.34	23.42	23.40	23.29	23.45	23.8	0
5	QPSK	1	12	23.26	23.24	23.31	23.28	23.26		
5	QPSK	1	24	23.23	23.21	23.34	23.30	23.26		
5	QPSK	12	0	22.40	22.37	22.49	22.41	22.48	22.8	1
5	QPSK	12	7	22.34	22.33	22.45	22.29	22.42		
5	QPSK	12	13	22.26	22.45	22.39	22.47	22.36		
5	QPSK	25	0	22.32	22.25	22.42	22.32	22.36		
5	16QAM	1	0	22.36	22.38	22.39	22.39	22.33	22.8	1
5	16QAM	1	12	22.35	22.38	22.40	22.38	22.41		
5	16QAM	1	24	22.44	22.31	22.45	22.47	22.42		
5	16QAM	12	0	21.35	21.29	21.36	21.30	21.21	21.8	2
5	16QAM	12	7	21.28	21.43	21.45	21.38	21.34		
5	16QAM	12	13	21.36	21.32	21.37	21.42	21.39		
5	16QAM	25	0	21.29	21.28	21.47	21.38	21.23		
5	64QAM	1	0	21.04	21.09	21.14	20.97	21.07	21.8	2
5	64QAM	1	12	20.88	20.81	20.87	20.85	20.90		
5	64QAM	1	24	21.12	21.11	21.32	21.26	21.12		
5	64QAM	12	0	20.30	20.28	20.43	20.35	20.43	20.8	3
5	64QAM	12	7	20.41	20.37	20.44	20.35	20.30		
5	64QAM	12	13	20.40	20.29	20.44	20.24	20.28		
5	64QAM	25	0	20.11	19.94	20.11	20.01	20.00		

Band 41 (HPUE)_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	26.49	26.44	26.55	26.39	26.49	26.8	0
20	QPSK	1	49	26.28	26.33	26.37	26.36	26.22		
20	QPSK	1	99	26.30	26.28	26.42	26.32	26.37		
20	QPSK	50	0	25.37	25.38	25.46	25.37	25.36	25.8	1
20	QPSK	50	24	25.36	25.30	25.42	25.27	25.29		
20	QPSK	50	50	25.35	25.37	25.40	25.34	25.34		
20	QPSK	100	0	25.37	25.43	25.45	25.32	25.43		
20	16QAM	1	0	25.51	25.57	25.64	25.53	25.50	25.8	1
20	16QAM	1	49	25.47	25.44	25.59	25.57	25.51		
20	16QAM	1	99	25.64	25.59	25.66	25.62	25.57		
20	16QAM	50	0	24.31	24.34	24.46	24.33	24.40	24.8	2
20	16QAM	50	24	24.35	24.44	24.47	24.36	24.46		
20	16QAM	50	50	24.42	24.45	24.52	24.40	24.47		
20	16QAM	100	0	24.41	24.43	24.46	24.35	24.33		
20	64QAM	1	0	24.38	24.40	24.48	24.36	24.33	24.8	2
20	64QAM	1	49	24.52	24.45	24.53	24.46	24.38		
20	64QAM	1	99	24.47	24.52	24.55	24.41	24.45		
20	64QAM	50	0	23.31	23.37	23.44	23.37	23.41	23.8	3
20	64QAM	50	24	23.32	23.43	23.45	23.34	23.40		
20	64QAM	50	50	23.32	23.36	23.45	23.39	23.37		
20	64QAM	100	0	23.41	23.29	23.42	23.29	23.35		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	26.35	26.43	26.51	26.35	26.47	26.8	0
15	QPSK	1	37	26.16	26.23	26.24	26.27	26.16		
15	QPSK	1	74	26.19	26.22	26.35	26.23	26.23		
15	QPSK	36	0	25.28	25.28	25.45	25.36	25.30	25.8	1
15	QPSK	36	20	25.33	25.22	25.27	25.15	25.23		
15	QPSK	36	39	25.25	25.33	25.25	25.33	25.29		
15	QPSK	75	0	25.25	25.35	25.41	25.31	25.28		
15	16QAM	1	0	25.47	25.47	25.62	25.40	25.47	25.8	1
15	16QAM	1	37	25.46	25.43	25.44	25.51	25.43		
15	16QAM	1	74	25.54	25.48	25.58	25.50	25.56		
15	16QAM	36	0	24.18	24.31	24.33	24.25	24.34	24.8	2
15	16QAM	36	20	24.26	24.39	24.41	24.23	24.41		
15	16QAM	36	39	24.38	24.36	24.50	24.32	24.36		
15	16QAM	75	0	24.35	24.35	24.43	24.26	24.28		
15	64QAM	1	0	24.25	24.26	24.43	24.32	24.26	24.8	2
15	64QAM	1	37	24.38	24.33	24.39	24.31	24.23		
15	64QAM	1	74	24.36	24.49	24.42	24.32	24.37		
15	64QAM	36	0	23.29	23.29	23.30	23.24	23.32	23.8	3
15	64QAM	36	20	23.28	23.39	23.31	23.32	23.37		
15	64QAM	36	39	23.24	23.30	23.38	23.28	23.35		
15	64QAM	75	0	23.37	23.14	23.39	23.14	23.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	26.24	26.36	26.49	26.34	26.43	26.8	0
10	QPSK	1	25	26.26	26.22	26.33	26.29	26.09		
10	QPSK	1	49	26.29	26.22	26.37	26.24	26.22		
10	QPSK	25	0	25.30	25.28	25.44	25.22	25.24	25.8	1
10	QPSK	25	12	25.31	25.18	25.35	25.20	25.25		
10	QPSK	25	25	25.21	25.26	25.35	25.23	25.22		
10	QPSK	50	0	25.34	25.28	25.34	25.21	25.35		
10	16QAM	1	0	25.36	25.55	25.61	25.50	25.48	25.8	1
10	16QAM	1	25	25.41	25.32	25.57	25.56	25.47		
10	16QAM	1	49	25.51	25.49	25.52	25.59	25.50		
10	16QAM	25	0	24.19	24.19	24.41	24.27	24.36	24.8	2
10	16QAM	25	12	24.24	24.34	24.43	24.35	24.31		
10	16QAM	25	25	24.30	24.44	24.43	24.29	24.40		
10	16QAM	50	0	24.26	24.32	24.37	24.32	24.31		
10	64QAM	1	0	24.28	24.29	24.46	24.28	24.26	24.8	2
10	64QAM	1	25	24.43	24.44	24.47	24.38	24.26		
10	64QAM	1	49	24.40	24.37	24.40	24.26	24.42		
10	64QAM	25	0	23.28	23.25	23.43	23.34	23.37	23.8	3
10	64QAM	25	12	23.17	23.38	23.40	23.32	23.35		
10	64QAM	25	25	23.28	23.26	23.34	23.33	23.24		
10	64QAM	50	0	23.36	23.27	23.29	23.22	23.29		
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	26.34	26.42	26.51	26.32	26.41	26.8	0
5	QPSK	1	12	26.22	26.21	26.34	26.32	26.14		
5	QPSK	1	24	26.19	26.18	26.41	26.21	26.31		
5	QPSK	12	0	25.32	25.28	25.44	25.28	25.28	25.8	1
5	QPSK	12	7	25.32	25.23	25.27	25.25	25.14		
5	QPSK	12	13	25.22	25.25	25.25	25.32	25.31		
5	QPSK	25	0	25.32	25.35	25.41	25.30	25.42		
5	16QAM	1	0	25.36	25.48	25.59	25.41	25.40	25.8	1
5	16QAM	1	12	25.44	25.30	25.57	25.51	25.42		
5	16QAM	1	24	25.50	25.46	25.58	25.54	25.55		
5	16QAM	12	0	24.28	24.24	24.32	24.23	24.35	24.8	2
5	16QAM	12	7	24.23	24.40	24.38	24.24	24.39		
5	16QAM	12	13	24.29	24.38	24.45	24.28	24.38		
5	16QAM	25	0	24.36	24.29	24.31	24.30	24.32		
5	64QAM	1	0	24.24	24.38	24.34	24.29	24.29	24.8	2
5	64QAM	1	12	24.48	24.36	24.49	24.34	24.30		
5	64QAM	1	24	24.37	24.50	24.54	24.31	24.31		
5	64QAM	12	0	23.30	23.29	23.38	23.30	23.34	23.8	3
5	64QAM	12	7	23.24	23.29	23.32	23.31	23.25		
5	64QAM	12	13	23.31	23.30	23.38	23.38	23.23		
5	64QAM	25	0	23.36	23.26	23.36	23.20	23.27		

26.22

Band 41_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.47	23.52	23.57	23.42	23.51	23.8	0
20	QPSK	1	49	23.43	23.46	23.50	23.38	23.45		
20	QPSK	1	99	23.45	23.42	23.54	23.40	23.44		
20	QPSK	50	0	22.54	22.53	22.56	22.49	22.53	22.8	1
20	QPSK	50	24	22.42	22.43	22.50	22.47	22.52		
20	QPSK	50	50	22.47	22.43	22.55	22.46	22.48		
20	QPSK	100	0	22.44	22.44	22.50	22.42	22.45		
20	16QAM	1	0	22.53	22.41	22.56	22.54	22.41	22.8	1
20	16QAM	1	49	22.51	22.62	22.64	22.57	22.59		
20	16QAM	1	99	22.58	22.52	22.64	22.60	22.56		
20	16QAM	50	0	21.50	21.47	21.56	21.44	21.42	21.8	2
20	16QAM	50	24	21.45	21.49	21.56	21.46	21.48		
20	16QAM	50	50	21.47	21.43	21.57	21.54	21.48		
20	16QAM	100	0	21.44	21.40	21.52	21.45	21.47		
20	64QAM	1	0	21.23	21.23	21.26	21.18	21.19	21.8	2
20	64QAM	1	49	21.33	21.34	21.35	21.26	21.26		
20	64QAM	1	99	21.22	21.23	21.37	21.33	21.31		
20	64QAM	50	0	20.36	20.45	20.48	20.34	20.34	20.8	3
20	64QAM	50	24	20.45	20.48	20.51	20.42	20.45		
20	64QAM	50	50	20.42	20.43	20.55	20.52	20.44		
20	64QAM	100	0	20.45	20.50	20.52	20.42	20.48		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.39	23.48	23.49	23.37	23.37	23.8	0
15	QPSK	1	37	23.40	23.36	23.38	23.30	23.42		
15	QPSK	1	74	23.30	23.29	23.44	23.37	23.34		
15	QPSK	36	0	22.39	22.47	22.53	22.39	22.47	22.8	1
15	QPSK	36	20	22.34	22.41	22.47	22.44	22.37		
15	QPSK	36	39	22.36	22.29	22.53	22.32	22.38		
15	QPSK	75	0	22.41	22.39	22.49	22.29	22.44		
15	16QAM	1	0	22.49	22.30	22.44	22.44	22.33	22.8	1
15	16QAM	1	37	22.50	22.50	22.50	22.42	22.49		
15	16QAM	1	74	22.50	22.38	22.49	22.50	22.54		
15	16QAM	36	0	21.38	21.35	21.42	21.31	21.30	21.8	2
15	16QAM	36	20	21.36	21.44	21.47	21.33	21.34		
15	16QAM	36	39	21.43	21.33	21.46	21.50	21.47		
15	16QAM	75	0	21.32	21.32	21.42	21.36	21.39		
15	64QAM	1	0	21.16	21.22	21.20	21.10	21.10	21.8	2
15	64QAM	1	37	21.26	21.28	21.28	21.14	21.11		
15	64QAM	1	74	21.09	21.13	21.30	21.19	21.28		
15	64QAM	36	0	20.30	20.40	20.37	20.24	20.26	20.8	3
15	64QAM	36	20	20.30	20.33	20.40	20.35	20.42		
15	64QAM	36	39	20.31	20.34	20.40	20.42	20.43		
15	64QAM	75	0	20.32	20.37	20.46	20.32	20.38		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.33	23.42	23.44	23.40	23.38	23.8	0
10	QPSK	1	25	23.37	23.39	23.49	23.35	23.31		
10	QPSK	1	49	23.38	23.40	23.47	23.34	23.40		
10	QPSK	25	0	22.52	22.51	22.48	22.38	22.40	22.8	1
10	QPSK	25	12	22.27	22.28	22.40	22.35	22.51		
10	QPSK	25	25	22.45	22.35	22.50	22.34	22.43		
10	QPSK	50	0	22.38	22.38	22.39	22.29	22.33		
10	16QAM	1	0	22.48	22.29	22.50	22.52	22.32	22.8	1
10	16QAM	1	25	22.47	22.51	22.55	22.43	22.55		
10	16QAM	1	49	22.57	22.50	22.49	22.58	22.48		
10	16QAM	25	0	21.38	21.45	21.54	21.42	21.39	21.8	2
10	16QAM	25	12	21.44	21.44	21.45	21.40	21.44		
10	16QAM	25	25	21.39	21.41	21.52	21.44	21.39		
10	16QAM	50	0	21.37	21.33	21.50	21.31	21.34		
10	64QAM	1	0	21.19	21.12	21.21	21.05	21.04	21.8	2
10	64QAM	1	25	21.23	21.28	21.32	21.16	21.11		
10	64QAM	1	49	21.18	21.12	21.25	21.31	21.18		
10	64QAM	25	0	20.23	20.33	20.33	20.21	20.26	20.8	3
10	64QAM	25	12	20.36	20.41	20.37	20.29	20.37		
10	64QAM	25	25	20.34	20.32	20.42	20.51	20.33		
10	64QAM	50	0	20.39	20.42	20.41	20.31	20.39		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.32	23.39	23.52	23.41	23.42	23.8	0
5	QPSK	1	12	23.34	23.42	23.48	23.24	23.33		
5	QPSK	1	24	23.37	23.33	23.52	23.37	23.43		
5	QPSK	12	0	22.51	22.51	22.43	22.35	22.42	22.8	1
5	QPSK	12	7	22.35	22.31	22.46	22.40	22.39		
5	QPSK	12	13	22.40	22.36	22.51	22.42	22.38		
5	QPSK	25	0	22.35	22.41	22.55	22.34	22.32		
5	16QAM	1	0	22.41	22.39	22.54	22.43	22.34	22.8	1
5	16QAM	1	12	22.44	22.58	22.50	22.50	22.58		
5	16QAM	1	24	22.51	22.51	22.51	22.56	22.43		
5	16QAM	12	0	21.44	21.32	21.54	21.39	21.27	21.8	2
5	16QAM	12	7	21.44	21.38	21.50	21.33	21.43		
5	16QAM	12	13	21.37	21.32	21.45	21.42	21.47		
5	16QAM	25	0	21.40	21.36	21.42	21.42	21.34		
5	64QAM	1	0	21.18	21.13	21.20	21.03	21.12	21.8	2
5	64QAM	1	12	21.27	21.26	21.29	21.13	21.24		
5	64QAM	1	24	21.18	21.22	21.31	21.18	21.16		
5	64QAM	12	0	20.32	20.40	20.39	20.30	20.24	20.8	3
5	64QAM	12	7	20.35	20.33	20.48	20.30	20.39		
5	64QAM	12	13	20.28	20.36	20.44	20.49	20.38		
5	64QAM	25	0	20.35	20.48	20.44	20.40	20.46		

Band 41 (HPUE)_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	26.40	26.51	26.54	26.39	26.50	26.8	0
20	QPSK	1	49	26.38	26.36	26.47	26.35	26.46		
20	QPSK	1	99	26.38	26.44	26.50	26.37	26.39		
20	QPSK	50	0	25.41	25.39	25.44	25.42	25.36	25.8	1
20	QPSK	50	24	25.36	25.36	25.38	25.40	25.35		
20	QPSK	50	50	25.40	25.36	25.31	25.39	25.30		
20	QPSK	100	0	25.46	25.37	25.47	25.46	25.44		
20	16QAM	1	0	25.53	25.48	25.61	25.50	25.58	25.8	1
20	16QAM	1	49	25.57	25.57	25.68	25.60	25.59		
20	16QAM	1	99	25.67	25.67	25.70	25.66	25.65		
20	16QAM	50	0	24.43	24.41	24.49	24.36	24.35	24.8	2
20	16QAM	50	24	24.54	24.50	24.57	24.46	24.52		
20	16QAM	50	50	24.53	24.44	24.56	24.45	24.51		
20	16QAM	100	0	24.39	24.36	24.46	24.34	24.34		
20	64QAM	1	0	24.40	24.43	24.53	24.49	24.51	24.8	2
20	64QAM	1	49	24.41	24.48	24.53	24.52	24.51		
20	64QAM	1	99	24.43	24.49	24.54	24.49	24.50		
20	64QAM	50	0	23.29	23.34	23.44	23.43	23.34	23.8	3
20	64QAM	50	24	23.36	23.33	23.46	23.45	23.43		
20	64QAM	50	50	23.34	23.41	23.46	23.43	23.43		
20	64QAM	100	0	23.36	23.43	23.45	23.35	23.32		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	26.36	26.43	26.51	26.37	26.40	26.8	0
15	QPSK	1	37	26.24	26.33	26.42	26.31	26.38		
15	QPSK	1	74	26.36	26.29	26.42	26.30	26.30		
15	QPSK	36	0	25.32	25.27	25.35	25.37	25.29	25.8	1
15	QPSK	36	20	25.23	25.29	25.27	25.35	25.27		
15	QPSK	36	39	25.38	25.29	25.29	25.26	25.18		
15	QPSK	75	0	25.33	25.29	25.44	25.37	25.36		
15	16QAM	1	0	25.44	25.35	25.54	25.47	25.55	25.8	1
15	16QAM	1	37	25.51	25.53	25.60	25.56	25.57		
15	16QAM	1	74	25.64	25.57	25.57	25.57	25.55		
15	16QAM	36	0	24.41	24.32	24.35	24.28	24.24	24.8	2
15	16QAM	36	20	24.51	24.40	24.45	24.42	24.45		
15	16QAM	36	39	24.38	24.37	24.55	24.35	24.43		
15	16QAM	75	0	24.27	24.22	24.39	24.23	24.30		
15	64QAM	1	0	24.32	24.29	24.41	24.46	24.44	24.8	2
15	64QAM	1	37	24.36	24.43	24.43	24.41	24.39		
15	64QAM	1	74	24.32	24.36	24.48	24.37	24.43		
15	64QAM	36	0	23.24	23.24	23.37	23.33	23.28	23.8	3
15	64QAM	36	20	23.26	23.30	23.33	23.34	23.36		
15	64QAM	36	39	23.21	23.29	23.37	23.34	23.31		
15	64QAM	75	0	23.23	23.38	23.34	23.27	23.31		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	26.32	26.41	26.48	26.30	26.37	26.8	0
10	QPSK	1	25	26.25	26.24	26.42	26.30	26.38		
10	QPSK	1	49	26.23	26.43	26.37	26.34	26.28		
10	QPSK	25	0	25.27	25.32	25.42	25.39	25.33	25.8	1
10	QPSK	25	12	25.33	25.28	25.29	25.34	25.23		
10	QPSK	25	25	25.33	25.27	25.23	25.33	25.21		
10	QPSK	50	0	25.40	25.31	25.44	25.38	25.36		
10	16QAM	1	0	25.44	25.35	25.46	25.36	25.54	25.8	1
10	16QAM	1	25	25.49	25.45	25.62	25.51	25.55		
10	16QAM	1	49	25.58	25.60	25.55	25.53	25.52		
10	16QAM	25	0	24.42	24.26	24.47	24.28	24.32	24.8	2
10	16QAM	25	12	24.41	24.38	24.44	24.44	24.39		
10	16QAM	25	25	24.41	24.31	24.46	24.44	24.44		
10	16QAM	50	0	24.28	24.21	24.33	24.23	24.28		
10	64QAM	1	0	24.30	24.41	24.52	24.41	24.48	24.8	2
10	64QAM	1	25	24.32	24.35	24.47	24.46	24.45		
10	64QAM	1	49	24.28	24.48	24.45	24.37	24.49		
10	64QAM	25	0	23.25	23.28	23.34	23.31	23.20	23.8	3
10	64QAM	25	12	23.24	23.30	23.39	23.41	23.34		
10	64QAM	25	25	23.24	23.27	23.43	23.31	23.40		
10	64QAM	50	0	23.29	23.33	23.38	23.22	23.27		
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	26.30	26.37	26.39	26.28	26.49	26.8	0
5	QPSK	1	12	26.28	26.28	26.36	26.20	26.40		
5	QPSK	1	24	26.33	26.36	26.38	26.31	26.35		
5	QPSK	12	0	25.37	25.26	25.30	25.36	25.26	25.8	1
5	QPSK	12	7	25.31	25.29	25.36	25.27	25.25		
5	QPSK	12	13	25.39	25.25	25.20	25.36	25.28		
5	QPSK	25	0	25.35	25.32	25.33	25.40	25.43		
5	16QAM	1	0	25.51	25.35	25.48	25.42	25.53	25.8	1
5	16QAM	1	12	25.44	25.42	25.56	25.46	25.57		
5	16QAM	1	24	25.57	25.59	25.69	25.58	25.61		
5	16QAM	12	0	24.32	24.34	24.40	24.22	24.24	24.8	2
5	16QAM	12	7	24.46	24.43	24.48	24.37	24.37		
5	16QAM	12	13	24.38	24.41	24.42	24.31	24.48		
5	16QAM	25	0	24.38	24.35	24.33	24.23	24.26		
5	64QAM	1	0	24.30	24.28	24.47	24.35	24.41	24.8	2
5	64QAM	1	12	24.32	24.42	24.47	24.43	24.41		
5	64QAM	1	24	24.40	24.41	24.52	24.37	24.36		
5	64QAM	12	0	23.24	23.22	23.30	23.38	23.33	23.8	3
5	64QAM	12	7	23.26	23.32	23.40	23.37	23.34		
5	64QAM	12	13	23.27	23.37	23.40	23.33	23.33		
5	64QAM	25	0	23.35	23.39	23.30	23.25	23.27		

Band 41_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.47	20.42	20.48	20.08	20.02	20.8	0
20	QPSK	1	49	20.21	20.25	20.25	20.07	19.96		
20	QPSK	1	99	20.25	20.26	20.24	20.01	19.98		
20	QPSK	50	0	19.39	19.35	19.40	19.09	19.13	19.8	1
20	QPSK	50	24	19.31	19.29	19.16	19.08	19.08		
20	QPSK	50	50	19.34	19.26	19.20	19.03	19.12		
20	QPSK	100	0	19.38	19.27	19.39	19.08	19.05		
20	16QAM	1	0	18.69	18.74	18.70	18.45	18.59	19.8	1
20	16QAM	1	49	18.72	18.77	18.71	18.50	18.48		
20	16QAM	1	99	18.96	19.07	19.00	18.84	18.87		
20	16QAM	50	0	18.24	18.23	18.27	18.09	18.05	18.8	2
20	16QAM	50	24	18.04	17.99	17.99	17.82	17.83		
20	16QAM	50	50	18.28	18.34	18.26	18.14	18.08		
20	16QAM	100	0	17.92	17.99	17.95	17.77	17.74		
20	64QAM	1	0	17.77	17.85	17.76	17.65	17.60	18.8	2
20	64QAM	1	49	18.13	18.05	18.06	17.85	17.87		
20	64QAM	1	99	18.03	18.09	18.04	17.93	17.91		
20	64QAM	50	0	17.26	17.34	17.27	17.11	17.05	17.8	3
20	64QAM	50	24	17.26	17.23	17.28	17.07	17.12		
20	64QAM	50	50	17.23	17.29	17.26	17.09	17.12		
20	64QAM	100	0	16.93	17.03	16.96	16.79	16.71		
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	20.42	20.27	20.23	19.95	19.88	20.8	0
15	QPSK	1	37	20.14	20.24	20.19	20.03	19.93		
15	QPSK	1	74	20.13	20.18	20.19	19.98	19.97		
15	QPSK	36	0	19.27	19.34	19.18	19.07	19.06	19.8	1
15	QPSK	36	20	19.16	19.20	19.15	19.04	19.04		
15	QPSK	36	39	19.28	19.18	19.08	18.93	19.07		
15	QPSK	75	0	19.34	19.21	19.10	19.02	19.00		
15	16QAM	1	0	18.67	18.65	18.62	18.36	18.58	19.8	1
15	16QAM	1	37	18.69	18.73	18.67	18.48	18.46		
15	16QAM	1	74	18.86	18.94	18.99	18.82	18.73		
15	16QAM	36	0	18.12	18.22	18.14	18.06	17.97	18.8	2
15	16QAM	36	20	18.00	17.89	17.96	17.67	17.72		
15	16QAM	36	39	18.26	18.23	18.24	18.09	17.94		
15	16QAM	75	0	17.89	17.95	17.92	17.66	17.62		
15	64QAM	1	0	17.70	17.79	17.61	17.57	17.48	18.8	2
15	64QAM	1	37	18.02	17.94	17.91	17.71	17.81		
15	64QAM	1	74	18.01	17.94	17.91	17.85	17.88		
15	64QAM	36	0	17.23	17.25	17.15	17.04	16.93	17.8	3
15	64QAM	36	20	17.15	17.16	17.27	17.01	17.11		
15	64QAM	36	39	17.15	17.19	17.15	17.03	16.98		
15	64QAM	75	0	16.82	16.93	16.91	16.65	16.61		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.37	20.33	20.21	19.94	19.92	20.8	0
10	QPSK	1	25	20.18	20.23	20.14	19.96	19.84		
10	QPSK	1	49	20.18	20.21	20.13	19.87	19.84		
10	QPSK	25	0	19.35	19.31	19.21	19.05	19.10	19.8	1
10	QPSK	25	12	19.23	19.20	19.06	19.02	18.93		
10	QPSK	25	25	19.19	19.21	19.19	18.98	18.97		
10	QPSK	50	0	19.29	19.15	19.20	18.96	18.91		
10	16QAM	1	0	18.65	18.61	18.64	18.36	18.58	19.8	1
10	16QAM	1	25	18.60	18.64	18.60	18.35	18.39		
10	16QAM	1	49	18.93	19.03	18.91	18.73	18.76		
10	16QAM	25	0	18.11	18.08	18.23	18.05	18.04	18.8	2
10	16QAM	25	12	18.00	17.87	17.90	17.72	17.74		
10	16QAM	25	25	18.27	18.26	18.18	18.09	18.01		
10	16QAM	50	0	17.90	17.91	17.93	17.69	17.65		
10	64QAM	1	0	17.74	17.83	17.62	17.63	17.45	18.8	2
10	64QAM	1	25	18.10	17.96	17.97	17.81	17.83		
10	64QAM	1	49	17.95	18.06	17.95	17.79	17.89		
10	64QAM	25	0	17.25	17.24	17.12	17.10	16.98	17.8	3
10	64QAM	25	12	17.17	17.21	17.20	16.94	17.11		
10	64QAM	25	25	17.22	17.24	17.11	17.07	17.00		
10	64QAM	50	0	16.86	17.02	16.94	16.69	16.64		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.46	20.38	20.11	20.05	19.99	20.8	0
5	QPSK	1	12	20.08	20.23	20.16	19.97	19.88		
5	QPSK	1	24	20.16	20.19	20.18	19.89	19.95		
5	QPSK	12	0	19.37	19.23	19.13	18.96	19.10	19.8	1
5	QPSK	12	7	19.29	19.28	19.09	18.96	18.96		
5	QPSK	12	13	19.19	19.24	19.10	18.99	19.03		
5	QPSK	25	0	19.36	19.18	19.07	19.02	19.02		
5	16QAM	1	0	18.54	18.59	18.57	18.38	18.47	19.8	1
5	16QAM	1	12	18.67	18.64	18.60	18.46	18.36		
5	16QAM	1	24	18.95	18.95	18.96	18.81	18.78		
5	16QAM	12	0	18.17	18.09	18.16	18.01	18.03	18.8	2
5	16QAM	12	7	17.91	17.95	17.96	17.81	17.79		
5	16QAM	12	13	18.16	18.31	18.18	18.06	17.96		
5	16QAM	25	0	17.87	17.87	17.92	17.68	17.60		
5	64QAM	1	0	17.74	17.82	17.70	17.51	17.47	18.8	2
5	64QAM	1	12	18.07	17.97	17.94	17.84	17.81		
5	64QAM	1	24	17.92	17.99	17.89	17.81	17.79		
5	64QAM	12	0	17.22	17.20	17.24	16.96	16.96	17.8	3
5	64QAM	12	7	17.20	17.09	17.27	16.94	17.02		
5	64QAM	12	13	17.10	17.15	17.24	17.08	17.11		
5	64QAM	25	0	16.91	16.91	16.84	16.72	16.69		

Band 41 (HPUE)_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.47	23.39	23.48	23.03	23.08	23.8	0
20	QPSK	1	49	23.33	23.35	23.23	23.01	23.02		
20	QPSK	1	99	23.36	23.37	23.19	22.96	23.06		
20	QPSK	50	0	22.41	22.37	22.42	22.07	22.06	22.8	1
20	QPSK	50	24	22.27	22.30	22.21	21.99	21.99		
20	QPSK	50	50	22.40	22.29	22.23	22.06	22.02		
20	QPSK	100	0	22.34	22.30	22.35	22.00	22.04		
20	16QAM	1	0	22.49	22.57	22.41	22.30	22.27	22.8	1
20	16QAM	1	49	22.60	22.55	22.41	22.25	22.25		
20	16QAM	1	99	22.49	22.46	22.38	22.27	22.15		
20	16QAM	50	0	21.49	21.37	21.31	21.16	21.16	21.8	2
20	16QAM	50	24	21.33	21.35	21.24	21.09	21.04		
20	16QAM	50	50	21.44	21.45	21.28	21.11	21.08		
20	16QAM	100	0	21.05	21.12	20.96	20.80	20.76		
20	64QAM	1	0	21.42	21.45	21.26	21.15	21.05	21.8	2
20	64QAM	1	49	21.34	21.37	21.29	21.09	21.11		
20	64QAM	1	99	21.14	21.18	20.99	20.84	20.81		
20	64QAM	50	0	20.41	20.39	20.23	19.98	19.98	20.8	3
20	64QAM	50	24	20.30	20.27	20.22	20.03	20.10		
20	64QAM	50	50	20.37	20.30	20.23	20.03	20.07		
20	64QAM	100	0	20.34	20.24	20.19	20.07	19.94		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.43	23.28	23.15	23.02	22.96	23.8	0
15	QPSK	1	37	23.31	23.22	23.15	22.96	22.92		
15	QPSK	1	74	23.21	23.36	23.07	22.89	22.97		
15	QPSK	36	0	22.33	22.26	22.19	21.99	21.92	22.8	1
15	QPSK	36	20	22.24	22.16	22.11	21.88	21.90		
15	QPSK	36	39	22.38	22.23	22.20	22.02	21.97		
15	QPSK	75	0	22.22	22.26	22.22	21.99	22.00		
15	16QAM	1	0	22.36	22.43	22.38	22.17	22.14	22.8	1
15	16QAM	1	37	22.57	22.47	22.29	22.23	22.17		
15	16QAM	1	74	22.41	22.35	22.29	22.26	22.06		
15	16QAM	36	0	21.45	21.22	21.16	21.13	21.14	21.8	2
15	16QAM	36	20	21.25	21.25	21.21	20.96	20.92		
15	16QAM	36	39	21.41	21.32	21.25	21.04	21.05		
15	16QAM	75	0	21.00	21.09	20.84	20.73	20.72		
15	64QAM	1	0	21.31	21.32	21.24	21.01	20.96	21.8	2
15	64QAM	1	37	21.20	21.26	21.28	21.07	21.04		
15	64QAM	1	74	21.05	21.08	20.85	20.71	20.72		
15	64QAM	36	0	20.38	20.35	20.21	19.94	19.96	20.8	3
15	64QAM	36	20	20.21	20.19	20.20	20.01	19.95		
15	64QAM	36	39	20.31	20.23	20.22	19.94	19.94		
15	64QAM	75	0	20.25	20.11	20.05	19.94	19.87		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.40	23.26	23.24	23.00	22.97	23.8	0
10	QPSK	1	25	23.22	23.28	23.15	22.87	23.00		
10	QPSK	1	49	23.29	23.31	23.16	22.85	23.01		
10	QPSK	25	0	22.38	22.25	22.22	22.02	22.01	22.8	1
10	QPSK	25	12	22.18	22.21	22.17	21.93	21.91		
10	QPSK	25	25	22.26	22.16	22.18	21.99	21.92		
10	QPSK	50	0	22.20	22.28	22.14	21.97	21.97		
10	16QAM	1	0	22.34	22.42	22.33	22.28	22.24	22.8	1
10	16QAM	1	25	22.48	22.45	22.36	22.14	22.10		
10	16QAM	1	49	22.38	22.33	22.30	22.14	22.00		
10	16QAM	25	0	21.39	21.35	21.27	21.12	21.12	21.8	2
10	16QAM	25	12	21.25	21.24	21.10	21.02	20.95		
10	16QAM	25	25	21.34	21.34	21.14	21.10	21.01		
10	16QAM	50	0	20.93	20.98	20.92	20.65	20.70		
10	64QAM	1	0	21.34	21.37	21.23	21.13	20.92	21.8	2
10	64QAM	1	25	21.22	21.28	21.24	21.08	20.99		
10	64QAM	1	49	20.99	21.15	20.86	20.69	20.72		
10	64QAM	25	0	20.28	20.38	20.20	19.93	19.84	20.8	3
10	64QAM	25	12	20.20	20.26	20.07	20.01	20.09		
10	64QAM	25	25	20.25	20.29	20.15	20.00	20.02		
10	64QAM	50	0	20.20	20.13	20.17	19.97	19.80		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.39	23.37	23.24	23.02	22.95	23.8	0
5	QPSK	1	12	23.20	23.32	23.21	22.92	22.97		
5	QPSK	1	24	23.26	23.36	23.08	22.93	23.03		
5	QPSK	12	0	22.29	22.28	22.11	22.01	21.98	22.8	1
5	QPSK	12	7	22.19	22.24	22.12	21.86	21.92		
5	QPSK	12	13	22.25	22.19	22.11	21.95	21.88		
5	QPSK	25	0	22.29	22.31	22.21	21.98	21.92		
5	16QAM	1	0	22.46	22.54	22.26	22.23	22.14	22.8	1
5	16QAM	1	12	22.48	22.49	22.33	22.12	22.24		
5	16QAM	1	24	22.39	22.44	22.30	22.22	22.12		
5	16QAM	12	0	21.47	21.28	21.24	21.04	21.06	21.8	2
5	16QAM	12	7	21.24	21.30	21.15	20.95	20.94		
5	16QAM	12	13	21.38	21.30	21.23	21.01	20.94		
5	16QAM	25	0	20.97	21.02	20.92	20.78	20.75		
5	64QAM	1	0	21.33	21.31	21.16	21.01	20.94	21.8	2
5	64QAM	1	12	21.20	21.36	21.24	20.97	21.06		
5	64QAM	1	24	21.10	21.03	20.90	20.76	20.66		
5	64QAM	12	0	20.40	20.26	20.09	19.97	19.88	20.8	3
5	64QAM	12	7	20.15	20.24	20.18	20.01	20.01		
5	64QAM	12	13	20.31	20.15	20.22	19.97	20.05		
5	64QAM	25	0	20.27	20.21	20.08	20.06	19.79		

Reduced Power Mode for ECI5

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.07	31.37	31.22	**32.30**	22.07	22.37	22.22	**23.30**
GPRS 1 Tx slot	31.08	31.44	31.35	**32.30**	22.08	22.44	22.35	**23.30**
GPRS 2 Tx slots	28.18	28.59	28.49	**29.30**	22.18	22.59	22.49	**23.30**
GPRS 3 Tx slots	26.44	26.85	26.78	**27.50**	22.18	22.59	22.52	**23.24**
GPRS 4 Tx slots	25.18	25.58	25.48	**26.30**	22.18	22.58	22.48	**23.30**
EDGE(GMSK 1 Tx slot)	31.07	31.36	31.34	**32.30**	22.07	22.36	22.34	**23.30**
EDGE(GMSK 2 Tx slot)	28.09	28.47	28.43	**29.30**	22.09	22.47	22.43	**23.30**
EDGE(GMSK 3 Tx slot)	26.29	26.79	26.70	**27.50**	22.03	22.53	22.44	**23.24**
EDGE(GMSK 4 Tx slot)	25.04	25.53	25.42	**26.30**	22.04	22.53	22.42	**23.30**
EDGE 1 Tx slot	26.05	26.41	26.60	**27.80**	17.05	17.41	17.60	**18.80**
EDGE 2 Tx slots	23.87	23.94	24.08	**25.80**	17.87	17.94	18.08	**19.80**
EDGE 3 Tx slots	22.01	22.23	22.31	**23.30**	17.75	17.97	18.05	**19.04**
EDGE 4 Tx slots	21.26	21.54	21.63	**22.80**	18.26	18.54	18.63	**19.80**

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	31.18	31.18	31.20	**32.30**	22.18	22.18	22.20	**23.30**
GPRS 1 Tx slot	31.17	31.17	31.19	**32.30**	22.17	22.17	22.19	**23.30**
GPRS 2 Tx slots	28.84	28.85	28.68	**29.30**	22.84	22.85	22.68	**23.30**
GPRS 3 Tx slots	26.73	26.78	26.67	**27.30**	22.47	22.52	22.41	**23.04**
GPRS 4 Tx slots	25.75	25.76	25.58	**26.30**	22.75	22.76	22.58	**23.30**
EDGE(GMSK 1 Tx slot)	31.08	31.15	31.09	**32.30**	22.08	22.15	22.09	**23.30**
EDGE(GMSK 2 Tx slot)	28.68	28.69	28.60	**29.30**	22.68	22.69	22.60	**23.30**
EDGE(GMSK 3 Tx slot)	26.71	26.68	26.59	**27.30**	22.45	22.42	22.33	**23.04**
EDGE(GMSK 4 Tx slot)	25.69	25.62	25.49	**26.30**	22.69	22.62	22.49	**23.30**
EDGE 1 Tx slot	24.98	25.01	25.10	**26.80**	15.98	16.01	16.10	**17.80**
EDGE 2 Tx slots	22.80	22.80	22.95	**24.80**	16.80	16.80	16.95	**18.80**
EDGE 3 Tx slots	20.97	20.89	20.94	**22.30**	16.71	16.63	16.68	**18.04**
EDGE 4 Tx slots	20.14	20.20	20.23	**21.80**	17.14	17.20	17.23	**18.80**

GSM1900_Ant 4	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	29.51	29.78	29.88	**30.30**	20.51	20.78	20.88	**21.30**
GPRS 1 Tx slot	29.51	29.77	29.87	**30.30**	20.51	20.77	20.87	**21.30**
GPRS 2 Tx slots	27.04	27.39	27.38	**28.30**	21.04	21.39	21.38	**22.30**
GPRS 3 Tx slots	25.27	25.51	25.59	**26.30**	21.01	21.25	21.33	**22.04**
GPRS 4 Tx slots	23.98	24.11	24.14	**24.80**	20.98	21.11	21.14	**21.80**
EDGE(GMSK 1 Tx slot)	29.49	29.70	29.82	**30.30**	20.49	20.70	20.82	**21.30**
EDGE(GMSK 2 Tx slot)	26.93	27.24	27.24	**28.30**	20.93	21.24	21.24	**22.30**
EDGE(GMSK 3 Tx slot)	25.24	25.46	25.55	**26.30**	20.98	21.20	21.29	**22.04**
EDGE(GMSK 4 Tx slot)	23.96	24.11	24.13	**24.80**	20.96	21.11	21.13	**21.80**
EDGE 1 Tx slot	25.61	25.75	25.71	**26.80**	16.61	16.75	16.71	**17.80**
EDGE 2 Tx slots	22.45	22.56	22.47	**23.80**	16.45	16.56	16.47	**17.80**
EDGE 3 Tx slots	20.95	20.97	20.85	**22.30**	16.69	16.71	16.59	**18.04**
EDGE 4 Tx slots	20.06	20.10	19.99	**21.80**	17.06	17.10	16.99	**18.80**

GSM1900_Ant 3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.58	28.82	28.71	**29.80**	19.58	19.82	19.71	**20.80**
GPRS 1 Tx slot	28.69	28.88	28.82	**29.80**	19.69	19.88	19.82	**20.80**
GPRS 2 Tx slots	25.87	25.99	25.90	**26.80**	19.87	19.99	19.90	**20.80**
GPRS 3 Tx slots	24.02	24.21	24.12	**25.00**	19.76	19.95	19.86	**20.74**
GPRS 4 Tx slots	22.81	22.98	22.85	**23.80**	19.81	19.98	19.85	**20.80**
EDGE(GMSK 1 Tx slot)	28.58	28.80	28.79	**29.80**	19.58	19.80	19.79	**20.80**
EDGE(GMSK 2 Tx slot)	25.87	25.92	25.87	**26.80**	19.87	19.92	19.87	**20.80**
EDGE(GMSK 3 Tx slot)	23.94	24.16	24.06	**25.00**	19.68	19.90	19.80	**20.74**
EDGE(GMSK 4 Tx slot)	22.69	22.83	22.72	**23.80**	19.69	19.83	19.72	**20.80**
EDGE 1 Tx slot	25.60	25.82	25.65	**27.30**	16.60	16.82	16.65	**18.30**
EDGE 2 Tx slots	22.80	22.91	22.80	**24.80**	16.80	16.91	16.80	**18.80**
EDGE 3 Tx slots	20.96	21.22	20.97	**22.80**	16.70	16.96	16.71	**18.54**
EDGE 4 Tx slots	20.35	20.39	20.30	**22.30**	17.35	17.39	17.30	**19.30**

Band		WCDMA II_Ant 4			Tune-up Limit (dBm)	WCDMA II_Ant 3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.77	23.77	23.68	**24.80**	19.22	19.13	19.20	**19.80**
3GPP Rel 99	RMC 12.2Kbps	23.87	23.89	23.82	**24.80**	19.25	19.26	19.23	**19.80**
3GPP Rel 6	HSDPA Subtest-1	22.87	22.91	22.87	**24.80**	19.19	19.24	19.22	**19.80**
3GPP Rel 6	HSDPA Subtest-2	22.87	22.96	22.86	**24.80**	19.21	19.22	19.18	**19.80**
3GPP Rel 6	HSDPA Subtest-3	22.42	22.47	22.45	**24.30**	19.22	19.22	19.23	**19.80**
3GPP Rel 6	HSDPA Subtest-4	22.38	22.47	22.40	**24.30**	19.19	19.22	19.24	**19.80**
3GPP Rel 8	DC-HSDPA Subtest-1	22.88	22.82	22.81	**24.80**	19.06	19.10	19.14	**19.80**
3GPP Rel 8	DC-HSDPA Subtest-2	22.84	22.94	22.83	**24.80**	19.10	19.21	19.06	**19.80**
3GPP Rel 8	DC-HSDPA Subtest-3	22.38	22.39	22.32	**24.30**	19.08	19.08	19.24	**19.80**
3GPP Rel 8	DC-HSDPA Subtest-4	22.33	22.44	22.35	**24.30**	19.10	19.12	19.20	**19.80**
3GPP Rel 6	HSUPA Subtest-1	20.92	20.87	20.81	**21.80**	19.16	19.19	19.15	**19.80**
3GPP Rel 6	HSUPA Subtest-2	20.94	20.93	20.87	**21.80**	19.15	19.21	19.09	**19.80**
3GPP Rel 6	HSUPA Subtest-3	21.91	21.90	21.86	**22.80**	19.16	19.24	19.09	**19.80**
3GPP Rel 6	HSUPA Subtest-4	20.44	20.45	20.42	**21.80**	19.19	19.12	19.09	**19.80**
3GPP Rel 6	HSUPA Subtest-5	21.90	21.90	21.90	**22.80**	19.15	19.22	19.14	**19.80**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.89	20.87	20.80	**22.80**	19.19	19.19	19.21	**19.80**

Band		WCDMA IV_Ant 4			Tune-up Limit (dBm)	WCDMA IV_Ant 3			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.11	24.07	24.16	**24.80**	18.72	18.72	18.71	**18.80**
3GPP Rel 99	RMC 12.2Kbps	24.25	24.26	24.18	**24.80**	18.75	18.76	18.77	**18.80**
3GPP Rel 6	HSDPA Subtest-1	23.26	23.24	23.15	**23.80**	18.69	18.69	18.68	**18.80**
3GPP Rel 6	HSDPA Subtest-2	23.28	23.28	23.19	**23.80**	18.66	18.73	18.68	**18.80**
3GPP Rel 6	HSDPA Subtest-3	22.85	22.81	22.66	**23.30**	18.60	18.66	18.61	**18.80**
3GPP Rel 6	HSDPA Subtest-4	22.78	22.78	22.74	**23.30**	18.54	18.64	18.61	**18.80**
3GPP Rel 8	DC-HSDPA Subtest-1	23.27	23.27	23.34	**23.80**	18.54	18.68	18.60	**18.80**
3GPP Rel 8	DC-HSDPA Subtest-2	23.30	23.29	23.27	**23.80**	18.64	18.63	18.62	**18.80**
3GPP Rel 8	DC-HSDPA Subtest-3	22.79	22.85	22.86	**23.30**	18.54	18.53	18.46	**18.80**
3GPP Rel 8	DC-HSDPA Subtest-4	22.73	22.79	22.74	**23.30**	18.42	18.51	18.59	**18.80**
3GPP Rel 6	HSUPA Subtest-1	21.34	21.35	21.33	**21.80**	18.74	18.71	18.71	**18.80**
3GPP Rel 6	HSUPA Subtest-2	21.35	21.36	21.35	**21.80**	18.67	18.64	18.72	**18.80**
3GPP Rel 6	HSUPA Subtest-3	22.37	22.38	22.35	**22.80**	18.64	18.64	18.71	**18.80**
3GPP Rel 6	HSUPA Subtest-4	20.89	20.89	20.84	**21.80**	18.61	18.71	18.72	**18.80**
3GPP Rel 6	HSUPA Subtest-5	22.40	22.40	22.30	**22.80**	18.68	18.63	18.66	**18.80**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.32	21.32	21.21	**22.80**	18.72	18.70	18.67	**18.80**

Band		WCDMA V_Ant 1			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.18	22.29	22.28	**23.30**	22.09	22.20	22.13	**23.30**
3GPP Rel 99	RMC 12.2Kbps	22.29	22.42	22.35	**23.30**	22.22	22.24	22.20	**23.30**
3GPP Rel 6	HSDPA Subtest-1	22.22	22.23	22.21	**23.30**	22.04	22.09	22.08	**22.80**
3GPP Rel 6	HSDPA Subtest-2	22.16	22.24	22.20	**23.30**	21.99	22.07	22.09	**22.80**
3GPP Rel 6	HSDPA Subtest-3	22.19	22.27	22.28	**23.30**	21.54	21.60	21.61	**22.30**
3GPP Rel 6	HSDPA Subtest-4	22.15	22.22	22.19	**23.30**	21.50	21.57	21.59	**22.30**
3GPP Rel 8	DC-HSDPA Subtest-1	22.20	22.08	22.17	**23.30**	21.90	22.00	22.05	**22.80**
3GPP Rel 8	DC-HSDPA Subtest-2	22.07	22.23	22.18	**23.30**	21.89	22.01	21.96	**22.80**
3GPP Rel 8	DC-HSDPA Subtest-3	22.06	22.20	22.14	**23.30**	21.53	21.48	21.50	**22.30**
3GPP Rel 8	DC-HSDPA Subtest-4	22.09	22.17	22.25	**23.30**	21.37	21.45	21.44	**22.30**
3GPP Rel 6	HSUPA Subtest-1	20.97	20.98	20.98	**21.80**	20.05	20.08	20.03	**20.80**
3GPP Rel 6	HSUPA Subtest-2	21.01	21.01	21.02	**21.80**	20.04	20.06	20.06	**20.80**
3GPP Rel 6	HSUPA Subtest-3	22.03	22.02	22.00	**22.80**	21.06	21.09	21.07	**21.80**
3GPP Rel 6	HSUPA Subtest-4	20.52	20.55	20.49	**21.80**	19.61	19.63	19.57	**20.80**
3GPP Rel 6	HSUPA Subtest-5	22.20	22.00	22.00	**22.80**	21.50	21.10	21.10	**21.80**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.89	20.98	20.90	**22.80**	20.02	19.91	19.95	**21.80**

Band 2_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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.11	23.12	23.04		
20	QPSK	1	49	22.98	23.02	22.99	23.8	0
20	QPSK	1	99	22.85	22.90	22.88		
20	QPSK	50	0	22.22	22.24	22.10		
20	QPSK	50	24	22.10	22.15	22.02	22.8	1
20	QPSK	50	50	21.97	22.11	22.01		
20	QPSK	100	0	22.09	22.14	22.03		
20	16QAM	1	0	22.40	22.41	22.35		
20	16QAM	1	49	22.36	22.42	22.28	22.8	1
20	16QAM	1	99	22.31	22.37	22.31		
20	16QAM	50	0	21.05	21.12	21.01		
20	16QAM	50	24	21.02	21.11	21.10	21.8	2
20	16QAM	50	50	21.00	21.11	20.98		
20	16QAM	100	0	20.98	21.12	21.05		
20	64QAM	1	0	21.31	21.34	21.33		
20	64QAM	1	49	21.28	21.32	21.19	21.8	2
20	64QAM	1	99	21.15	21.26	21.25		
20	64QAM	50	0	20.04	20.13	20.07		
20	64QAM	50	24	19.96	20.11	20.03	20.8	3
20	64QAM	50	50	19.94	20.09	19.98		
20	64QAM	100	0	20.09	20.11	20.04		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.05	23.08	23.00		
15	QPSK	1	37	22.93	22.88	22.86	23.8	0
15	QPSK	1	74	22.73	22.87	22.82		
15	QPSK	36	0	22.07	22.23	22.09		
15	QPSK	36	20	21.95	22.01	21.98	22.8	1
15	QPSK	36	39	21.84	22.03	21.95		
15	QPSK	75	0	22.00	22.09	22.02		
15	16QAM	1	0	22.34	22.32	22.20		
15	16QAM	1	37	22.26	22.28	22.26	22.8	1
15	16QAM	1	74	22.23	22.29	22.17		
15	16QAM	36	0	20.99	21.10	20.98		
15	16QAM	36	20	20.96	21.07	20.98	21.8	2
15	16QAM	36	39	20.91	20.99	20.95		
15	16QAM	75	0	20.96	20.98	20.96		
15	64QAM	1	0	21.22	21.21	21.19		
15	64QAM	1	37	21.14	21.28	21.17	21.8	2
15	64QAM	1	74	21.01	21.20	21.19		
15	64QAM	36	0	20.00	19.99	19.93		
15	64QAM	36	20	19.90	20.02	19.97	20.8	3
15	64QAM	36	39	19.85	19.94	19.89		
15	64QAM	75	0	19.96	20.08	19.98		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.10	23.02	22.95		
10	QPSK	1	25	22.84	22.98	22.90	23.8	0
10	QPSK	1	49	22.82	22.81	22.85		
10	QPSK	25	0	22.15	22.19	22.04		
10	QPSK	25	12	22.02	22.05	21.94	22.8	1
10	QPSK	25	25	21.89	22.07	21.86		
10	QPSK	50	0	22.08	22.05	21.95		
10	16QAM	1	0	22.36	22.26	22.32		
10	16QAM	1	25	22.30	22.36	22.19	22.8	1
10	16QAM	1	49	22.27	22.36	22.30		
10	16QAM	25	0	20.94	21.03	20.99		
10	16QAM	25	12	20.87	21.05	21.04	21.8	2
10	16QAM	25	25	20.93	21.09	20.93		
10	16QAM	50	0	20.96	20.98	20.97		
10	64QAM	1	0	21.26	21.33	21.24		
10	64QAM	1	25	21.19	21.29	21.14	21.8	2
10	64QAM	1	49	21.05	21.11	21.14		
10	64QAM	25	0	19.94	20.03	19.94		
10	64QAM	25	12	19.83	20.03	19.97	20.8	3
10	64QAM	25	25	19.79	19.95	19.86		
10	64QAM	50	0	20.05	20.09	19.93		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.00	23.10	22.98		
5	QPSK	1	12	22.94	22.91	22.93	23.8	0
5	QPSK	1	24	22.80	22.76	22.80		
5	QPSK	12	0	22.08	22.10	21.99		
5	QPSK	12	7	22.05	22.01	21.99	22.8	1
5	QPSK	12	13	21.89	22.01	21.90		
5	QPSK	25	0	22.04	21.99	21.96		
5	16QAM	1	0	22.25	22.33	22.27		
5	16QAM	1	12	22.27	22.35	22.16	22.8	1
5	16QAM	1	24	22.29	22.31	22.21		
5	16QAM	12	0	20.91	20.97	20.94		
5	16QAM	12	7	21.01	21.06	21.05	21.8	2
5	16QAM	12	13	20.89	20.96	20.96		
5	16QAM	25	0	20.93	21.08	20.96		
5	64QAM	1	0	21.20	21.27	21.22		
5	64QAM	1	12	21.20	21.17	21.05	21.8	2
5	64QAM	1	24	21.01	21.19	21.17		
5	64QAM	12	0	20.00	20.03	20.06		
5	64QAM	12	7	19.92	20.06	19.91	20.8	3
5	64QAM	12	13	19.83	19.97	19.97		
5	64QAM	25	0	20.01	20.09	19.99		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.06	23.05	23.03		
3	QPSK	1	8	22.84	22.95	22.98	23.8	0
3	QPSK	1	14	22.73	22.84	22.74		
3	QPSK	8	0	22.10	22.11	22.03		
3	QPSK	8	4	22.05	22.13	22.01	22.8	1
3	QPSK	8	7	21.96	22.08	21.90		
3	QPSK	15	0	21.94	22.05	21.90		
3	16QAM	1	0	22.39	22.38	22.32		
3	16QAM	1	8	22.34	22.28	22.13	22.8	1
3	16QAM	1	14	22.17	22.34	22.20		
3	16QAM	8	0	20.96	21.07	20.87		
3	16QAM	8	4	21.00	21.00	20.95	21.8	2
3	16QAM	8	7	20.90	20.97	20.88		
3	16QAM	15	0	20.88	21.11	20.91		
3	64QAM	1	0	21.17	21.21	21.20		
3	64QAM	1	8	21.15	21.19	21.15	21.8	2
3	64QAM	1	14	21.12	21.23	21.22		
3	64QAM	8	0	19.96	20.03	19.99		
3	64QAM	8	4	19.91	20.02	19.98	20.8	3
3	64QAM	8	7	19.91	20.07	19.97		
3	64QAM	15	0	19.99	20.07	20.01		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.02	23.00	23.00		
1.4	QPSK	1	3	22.84	23.00	22.86		
1.4	QPSK	1	5	22.80	22.75	22.86	23.8	0
1.4	QPSK	3	0	22.97	22.89	22.96		
1.4	QPSK	3	1	22.81	22.98	22.76		
1.4	QPSK	3	3	22.69	22.62	22.72		
1.4	QPSK	6	0	21.95	21.99	22.02	22.8	1
1.4	16QAM	1	0	22.36	22.40	22.31		
1.4	16QAM	1	3	22.34	22.37	22.27		
1.4	16QAM	1	5	22.21	22.30	22.16	22.8	1
1.4	16QAM	3	0	22.28	22.31	22.28		
1.4	16QAM	3	1	22.22	22.26	22.23		
1.4	16QAM	3	3	22.19	22.26	22.15		
1.4	16QAM	6	0	20.96	21.06	20.99	21.8	2
1.4	64QAM	1	0	21.24	21.28	21.24		
1.4	64QAM	1	3	21.22	21.23	21.18		
1.4	64QAM	1	5	21.06	21.13	21.16	21.8	2
1.4	64QAM	3	0	21.14	21.21	21.19		
1.4	64QAM	3	1	21.14	21.17	21.10		
1.4	64QAM	3	3	20.93	21.10	21.05		
1.4	64QAM	6	0	19.94	19.99	20.03	20.8	3

Band 2_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.98	19.03	19.00		
20	QPSK	1	49	18.92	18.88	18.91	19.3	0
20	QPSK	1	99	18.93	18.97	18.96		
20	QPSK	50	0	18.92	18.95	18.90		
20	QPSK	50	24	18.84	18.85	18.89	19.3	0
20	QPSK	50	50	18.91	18.89	18.86		
20	QPSK	100	0	18.88	18.94	18.87		
20	16QAM	1	0	18.99	18.89	18.94		
20	16QAM	1	49	18.98	18.98	18.97	19.3	0
20	16QAM	1	99	18.93	18.97	18.98		
20	16QAM	50	0	19.01	19.01	18.89		
20	16QAM	50	24	18.94	18.99	18.98	19.3	0
20	16QAM	50	50	18.96	18.97	18.86		
20	16QAM	100	0	18.96	19.01	18.96		
20	64QAM	1	0	19.01	19.01	18.85		
20	64QAM	1	49	18.94	19.01	18.99	19.3	0
20	64QAM	1	99	18.95	18.94	18.94		
20	64QAM	50	0	18.94	18.99	18.90		
20	64QAM	50	24	19.01	18.94	18.86	19.3	0
20	64QAM	50	50	18.95	18.99	18.93		
20	64QAM	100	0	18.95	18.98	18.91		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.89	18.91	18.88		
15	QPSK	1	37	18.84	18.82	18.83	19.3	0
15	QPSK	1	74	18.80	18.93	18.81		
15	QPSK	36	0	18.90	18.87	18.88		
15	QPSK	36	20	18.90	18.72	18.74	19.3	0
15	QPSK	36	39	18.88	18.81	18.81		
15	QPSK	75	0	18.77	18.85	18.82		
15	16QAM	1	0	18.90	18.77	18.79		
15	16QAM	1	37	18.87	18.83	18.87	19.3	0
15	16QAM	1	74	18.82	18.91	18.83		
15	16QAM	36	0	18.92	18.93	18.82		
15	16QAM	36	20	18.91	18.90	18.97	19.3	0
15	16QAM	36	39	18.81	18.87	18.80		
15	16QAM	75	0	18.81	18.90	18.86		
15	64QAM	1	0	18.90	18.89	18.70		
15	64QAM	1	37	18.98	18.88	18.86	19.3	0
15	64QAM	1	74	18.82	18.80	18.84		
15	64QAM	36	0	19.00	18.94	18.78		
15	64QAM	36	20	18.95	18.92	18.71	19.3	0
15	64QAM	36	39	18.89	18.94	18.83		
15	64QAM	75	0	18.90	18.95	18.89		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.86	18.91	18.89		
10	QPSK	1	25	18.82	18.82	18.77	19.3	0
10	QPSK	1	49	18.88	18.83	18.91		
10	QPSK	25	0	18.81	18.82	18.77		
10	QPSK	25	12	18.86	18.70	18.75	19.3	0
10	QPSK	25	25	18.88	18.88	18.71		
10	QPSK	50	0	18.76	18.83	18.80		
10	16QAM	1	0	18.95	18.82	18.93		
10	16QAM	1	25	18.85	18.84	18.94	19.3	0
10	16QAM	1	49	18.82	18.86	18.85		
10	16QAM	25	0	18.87	18.97	18.76		
10	16QAM	25	12	18.90	18.98	18.86	19.3	0
10	16QAM	25	25	18.93	18.86	18.79		
10	16QAM	50	0	18.94	18.86	18.85		
10	64QAM	1	0	18.88	18.89	18.70		
10	64QAM	1	25	19.02	18.88	18.95	19.3	0
10	64QAM	1	49	18.93	18.89	18.92		
10	64QAM	25	0	19.02	18.98	18.84		
10	64QAM	25	12	19.00	18.93	18.84	19.3	0
10	64QAM	25	25	18.83	18.88	18.82		
10	64QAM	50	0	18.81	18.89	18.90		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.95	18.93	18.94		
5	QPSK	1	12	18.80	18.81	18.80	19.3	0
5	QPSK	1	24	18.82	18.96	18.87		
5	QPSK	12	0	18.94	18.86	18.77		
5	QPSK	12	7	18.86	18.74	18.80	19.3	0
5	QPSK	12	13	18.80	18.84	18.74		
5	QPSK	25	0	18.81	18.87	18.72		
5	16QAM	1	0	18.93	18.83	18.92		
5	16QAM	1	12	18.86	18.90	18.86	19.3	0
5	16QAM	1	24	18.92	18.93	18.97		
5	16QAM	12	0	18.89	18.92	18.79		
5	16QAM	12	7	18.82	18.89	18.84	19.3	0
5	16QAM	12	13	18.85	18.82	18.79		
5	16QAM	25	0	18.89	18.93	18.94		
5	64QAM	1	0	18.90	18.92	18.79		
5	64QAM	1	12	19.01	18.94	18.92	19.3	0
5	64QAM	1	24	18.92	18.82	18.85		
5	64QAM	12	0	18.92	18.90	18.89		
5	64QAM	12	7	18.89	18.81	18.78	19.3	0
5	64QAM	12	13	18.88	18.96	18.78		
5	64QAM	25	0	18.90	18.83	18.80		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.94	18.98	18.90		
3	QPSK	1	8	18.78	18.84	18.77	19.3	0
3	QPSK	1	14	18.79	18.82	18.92		
3	QPSK	8	0	18.91	18.90	18.88		
3	QPSK	8	4	18.81	18.79	18.88	19.3	0
3	QPSK	8	7	18.83	18.80	18.77		
3	QPSK	15	0	18.86	18.86	18.82		
3	16QAM	1	0	18.88	18.76	18.82		
3	16QAM	1	8	18.87	18.96	18.95	19.3	0
3	16QAM	1	14	18.82	18.85	18.86		
3	16QAM	8	0	18.87	18.95	18.76		
3	16QAM	8	4	18.89	18.97	18.92	19.3	0
3	16QAM	8	7	18.85	18.89	18.83		
3	16QAM	15	0	18.82	18.95	18.84		
3	64QAM	1	0	18.97	18.93	18.70		
3	64QAM	1	8	18.92	18.96	18.89	19.3	0
3	64QAM	1	14	18.83	18.84	18.86		
3	64QAM	8	0	19.03	18.96	18.81		
3	64QAM	8	4	18.89	18.88	18.72	19.3	0
3	64QAM	8	7	18.84	18.86	18.81		
3	64QAM	15	0	18.85	18.88	18.77		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.90	19.00	18.90		
1.4	QPSK	1	3	18.91	18.75	18.87		
1.4	QPSK	1	5	18.89	18.93	18.90	19.3	0
1.4	QPSK	3	0	18.80	18.83	18.84		
1.4	QPSK	3	1	18.88	18.77	18.88		
1.4	QPSK	3	3	18.83	18.84	18.80		
1.4	QPSK	6	0	18.77	18.93	18.81	19.3	0
1.4	16QAM	1	0	18.88	18.85	18.90		
1.4	16QAM	1	3	18.88	18.87	18.94		
1.4	16QAM	1	5	18.92	18.93	18.92	19.3	0
1.4	16QAM	3	0	18.93	18.97	18.87		
1.4	16QAM	3	1	18.88	18.97	18.87		
1.4	16QAM	3	3	18.83	18.87	18.82		
1.4	16QAM	6	0	18.88	18.94	18.81	19.3	0
1.4	64QAM	1	0	18.96	18.97	18.70		
1.4	64QAM	1	3	19.00	18.96	18.84		
1.4	64QAM	1	5	18.91	18.82	18.91	19.3	0
1.4	64QAM	3	0	18.93	18.86	18.77		
1.4	64QAM	3	1	18.92	18.86	18.83		
1.4	64QAM	3	3	18.80	18.88	18.81		
1.4	64QAM	6	0	18.94	18.86	18.82	19.3	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.10	20.11	20.06		
20	QPSK	1	49	20.00	20.07	19.95	20.3	0
20	QPSK	1	99	19.91	20.01	19.95		
20	QPSK	50	0	20.09	20.10	20.04		
20	QPSK	50	24	20.08	20.02	20.01	20.3	0
20	QPSK	50	50	20.06	20.04	19.96		
20	QPSK	100	0	20.02	20.03	19.95		
20	16QAM	1	0	20.08	20.09	20.02		
20	16QAM	1	49	20.07	20.10	20.03	20.3	0
20	16QAM	1	99	20.02	20.01	20.07		
20	16QAM	50	0	19.38	19.34	19.30		
20	16QAM	50	24	19.61	19.65	19.48	19.8	0.5
20	16QAM	50	50	19.40	19.47	19.33		
20	16QAM	100	0	19.35	19.61	19.41		
20	64QAM	1	0	19.49	19.53	19.48		
20	64QAM	1	49	19.41	19.58	19.39	19.8	0.5
20	64QAM	1	99	19.49	19.61	19.40		
20	64QAM	50	0	18.28	18.45	18.30		
20	64QAM	50	24	18.64	18.61	18.45	18.8	1.5
20	64QAM	50	50	18.47	18.47	18.49		
20	64QAM	100	0	18.37	18.61	18.35		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.06	20.07	19.93		
15	QPSK	1	37	19.87	20.06	19.87	20.3	0
15	QPSK	1	74	19.88	19.92	19.90		
15	QPSK	36	0	20.07	20.02	19.99		
15	QPSK	36	20	20.04	19.93	19.88	20.3	0
15	QPSK	36	39	19.94	19.98	19.82		
15	QPSK	75	0	19.99	20.00	19.92		
15	16QAM	1	0	19.95	20.06	19.95		
15	16QAM	1	37	19.96	20.06	19.98	20.3	0
15	16QAM	1	74	20.09	20.01	19.93		
15	16QAM	36	0	19.29	19.25	19.21		
15	16QAM	36	20	19.56	19.52	19.41	19.8	0.5
15	16QAM	36	39	19.39	19.35	19.26		
15	16QAM	75	0	19.30	19.46	19.31		
15	64QAM	1	0	19.44	19.41	19.45		
15	64QAM	1	37	19.34	19.52	19.25	19.8	0.5
15	64QAM	1	74	19.44	19.46	19.25		
15	64QAM	36	0	18.20	18.39	18.25		
15	64QAM	36	20	18.51	18.59	18.30	18.8	1.5
15	64QAM	36	39	18.37	18.38	18.48		
15	64QAM	75	0	18.34	18.52	18.34		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.99	19.99	19.95		
10	QPSK	1	25	19.88	20.03	19.84	20.3	0
10	QPSK	1	49	19.90	20.00	19.81		
10	QPSK	25	0	20.02	20.02	19.97		
10	QPSK	25	12	19.93	19.92	19.94	20.3	0
10	QPSK	25	25	20.00	20.00	19.83		
10	QPSK	50	0	19.94	19.92	19.93		
10	16QAM	1	0	19.99	20.07	19.98		
10	16QAM	1	25	20.01	19.99	20.01	20.3	0
10	16QAM	1	49	20.02	20.07	20.01		
10	16QAM	25	0	19.32	19.22	19.24		
10	16QAM	25	12	19.46	19.60	19.42	19.8	0.5
10	16QAM	25	25	19.25	19.34	19.27		
10	16QAM	50	0	19.23	19.53	19.32		
10	64QAM	1	0	19.35	19.40	19.41		
10	64QAM	1	25	19.29	19.57	19.29	19.8	0.5
10	64QAM	1	49	19.47	19.50	19.26		
10	64QAM	25	0	18.26	18.35	18.23		
10	64QAM	25	12	18.54	18.56	18.39	18.8	1.5
10	64QAM	25	25	18.44	18.46	18.35		
10	64QAM	50	0	18.30	18.59	18.32		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.98	20.06	19.91		
5	QPSK	1	12	19.92	20.05	19.87	20.3	0
5	QPSK	1	24	19.81	19.96	19.87		
5	QPSK	12	0	19.94	20.06	20.00		
5	QPSK	12	7	20.02	19.94	19.88	20.3	0
5	QPSK	12	13	19.99	20.01	19.83		
5	QPSK	25	0	19.90	19.92	19.92		
5	16QAM	1	0	20.03	20.04	19.87		
5	16QAM	1	12	19.95	20.04	19.98	20.3	0
5	16QAM	1	24	20.01	20.02	19.97		
5	16QAM	12	0	19.26	19.30	19.18		
5	16QAM	12	7	19.57	19.58	19.43	19.8	0.5
5	16QAM	12	13	19.38	19.32	19.22		
5	16QAM	25	0	19.26	19.51	19.34		
5	64QAM	1	0	19.36	19.47	19.37		
5	64QAM	1	12	19.27	19.49	19.24	19.8	0.5
5	64QAM	1	24	19.41	19.54	19.38		
5	64QAM	12	0	18.25	18.32	18.28		
5	64QAM	12	7	18.52	18.48	18.40	18.8	1.5
5	64QAM	12	13	18.38	18.33	18.46		
5	64QAM	25	0	18.29	18.58	18.26		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.96	19.98	19.93		
3	QPSK	1	8	19.92	19.93	19.90	20.3	0

Band 4_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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.90	23.92	23.89		
20	QPSK	1	49	23.71	23.82	23.78	25	0
20	QPSK	1	99	23.60	23.66	23.54		
20	QPSK	50	0	22.84	22.87	22.86		
20	QPSK	50	24	22.82	22.86	22.85	24	1
20	QPSK	50	50	22.77	22.83	22.75		
20	QPSK	100	0	22.74	22.85	22.73		
20	16QAM	1	0	23.00	23.09	23.07		
20	16QAM	1	49	23.07	23.09	23.04	24	1
20	16QAM	1	99	22.93	22.95	22.83		
20	16QAM	50	0	21.68	21.83	21.81		
20	16QAM	50	24	21.74	21.85	21.83	23	2
20	16QAM	50	50	21.77	21.81	21.76		
20	16QAM	100	0	21.77	21.85	21.77		
20	64QAM	1	0	22.03	22.04	21.96		
20	64QAM	1	49	21.82	21.97	21.86	23	2
20	64QAM	1	99	21.76	21.88	21.79		
20	64QAM	50	0	20.77	20.85	20.72		
20	64QAM	50	24	20.76	20.88	20.87	22	3
20	64QAM	50	50	20.73	20.85	20.74		
20	64QAM	100	0	20.83	20.86	20.85		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.88	23.77	23.81		
15	QPSK	1	37	23.66	23.74	23.74	25	0
15	QPSK	1	74	23.46	23.58	23.39		
15	QPSK	36	0	22.79	22.79	22.83		
15	QPSK	36	20	22.79	22.78	22.82	24	1
15	QPSK	36	39	22.74	22.80	22.69		
15	QPSK	75	0	22.62	22.72	22.70		
15	16QAM	1	0	22.95	23.04	22.93		
15	16QAM	1	37	23.04	23.07	23.01	24	1
15	16QAM	1	74	22.86	22.84	22.73		
15	16QAM	36	0	21.54	21.76	21.78		
15	16QAM	36	20	21.68	21.80	21.73	23	2
15	16QAM	36	39	21.64	21.67	21.70		
15	16QAM	75	0	21.65	21.77	21.74		
15	64QAM	1	0	21.96	21.91	21.92		
15	64QAM	1	37	21.81	21.92	21.72	23	2
15	64QAM	1	74	21.68	21.75	21.76		
15	64QAM	36	0	20.65	20.80	20.69		
15	64QAM	36	20	20.69	20.86	20.72	22	3
15	64QAM	36	39	20.65	20.84	20.60		
15	64QAM	75	0	20.69	20.73	20.81		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.78	23.85	23.75		
10	QPSK	1	25	23.57	23.80	23.76	25	0
10	QPSK	1	49	23.48	23.64	23.50		
10	QPSK	25	0	22.78	22.82	22.73		
10	QPSK	25	12	22.73	22.79	22.70	24	1
10	QPSK	25	25	22.66	22.71	22.61		
10	QPSK	50	0	22.62	22.77	22.61		
10	16QAM	1	0	22.97	22.97	22.94		
10	16QAM	1	25	23.03	22.98	23.00	24	1
10	16QAM	1	49	22.89	22.94	22.74		
10	16QAM	25	0	21.56	21.79	21.80		
10	16QAM	25	12	21.66	21.74	21.79	23	2
10	16QAM	25	25	21.68	21.71	21.63		
10	16QAM	50	0	21.75	21.71	21.66		
10	64QAM	1	0	21.96	21.99	21.88		
10	64QAM	1	25	21.70	21.84	21.74	23	2
10	64QAM	1	49	21.64	21.74	21.78		
10	64QAM	25	0	20.67	20.82	20.64		
10	64QAM	25	12	20.62	20.74	20.82	22	3
10	64QAM	25	25	20.61	20.82	20.72		
10	64QAM	50	0	20.77	20.73	20.79		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.88	23.78	23.74		
5	QPSK	1	12	23.58	23.70	23.71	25	0
5	QPSK	1	24	23.54	23.60	23.47		
5	QPSK	12	0	22.69	22.75	22.80		
5	QPSK	12	7	22.68	22.81	22.83	24	1
5	QPSK	12	13	22.65	22.81	22.69		
5	QPSK	25	0	22.69	22.71	22.58		
5	16QAM	1	0	22.99	23.06	22.97		
5	16QAM	1	12	22.94	22.98	22.93	24	1
5	16QAM	1	24	22.84	22.94	22.69		
5	16QAM	12	0	21.60	21.81	21.74		
5	16QAM	12	7	21.61	21.71	21.79	23	2
5	16QAM	12	13	21.74	21.78	21.63		
5	16QAM	25	0	21.73	21.71	21.72		
5	64QAM	1	0	21.98	21.92	21.83		
5	64QAM	1	12	21.69	21.84	21.76	23	2
5	64QAM	1	24	21.72	21.76	21.71		
5	64QAM	12	0	20.64	20.79	20.61		
5	64QAM	12	7	20.74	20.85	20.81	22	3
5	64QAM	12	13	20.69	20.70	20.65		
5	64QAM	25	0	20.76	20.84	20.74		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.86	23.90	23.79		
3	QPSK	1	8	23.59	23.77	23.63	25	0
3	QPSK	1	14	23.51	23.61	23.50		
3	QPSK	8	0	22.77	22.78	22.76		
3	QPSK	8	4	22.77	22.79	22.73	24	1
3	QPSK	8	7	22.63	22.78	22.70		
3	QPSK	15	0	22.68	22.70	22.66		
3	16QAM	1	0	22.99	23.04	22.96		
3	16QAM	1	8	22.96	23.04	23.00	24	1
3	16QAM	1	14	22.86	22.83	22.79		
3	16QAM	8	0	21.65	21.80	21.72		
3	16QAM	8	4	21.67	21.75	21.74	23	2
3	16QAM	8	7	21.64	21.79	21.74		
3	16QAM	15	0	21.75	21.78	21.68		
3	64QAM	1	0	21.90	22.03	21.88		
3	64QAM	1	8	21.72	21.91	21.85	23	2
3	64QAM	1	14	21.66	21.80	21.70		
3	64QAM	8	0	20.69	20.79	20.57		
3	64QAM	8	4	20.66	20.82	20.74	22	3
3	64QAM	8	7	20.70	20.77	20.66		
3	64QAM	15	0	20.70	20.81	20.71		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.81	23.78	23.80		
1.4	QPSK	1	3	23.69	23.72	23.74		
1.4	QPSK	1	5	23.58	23.59	23.46	25	0
1.4	QPSK	3	0	23.75	23.64	23.74		
1.4	QPSK	3	1	23.56	23.62	23.63		
1.4	QPSK	3	3	23.52	23.48	23.41		
1.4	QPSK	6	0	22.63	22.84	22.67	24	1
1.4	16QAM	1	0	22.88	22.95	23.05		
1.4	16QAM	1	3	22.97	23.03	22.91		
1.4	16QAM	1	5	22.80	22.84	22.74	24	1
1.4	16QAM	3	0	22.84	22.92	22.97		
1.4	16QAM	3	1	22.82	22.89	22.82		
1.4	16QAM	3	3	22.65	22.73	22.69		
1.4	16QAM	6	0	21.66	21.84	21.63	23	2
1.4	64QAM	1	0	21.99	21.99	21.92		
1.4	64QAM	1	3	21.78	21.87	21.79		
1.4	64QAM	1	5	21.61	21.79	21.70	23	2
1.4	64QAM	3	0	21.94	21.88	21.80		
1.4	64QAM	3	1	21.69	21.80	21.72		
1.4	64QAM	3	3	21.53	21.77	21.59		
1.4	64QAM	6	0	20.72	20.72	20.83	22	3

Band 4_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.02	18.10	18.04		
20	QPSK	1	49	17.95	18.08	17.92	18.5	0
20	QPSK	1	99	17.89	18.01	17.98		
20	QPSK	50	0	18.01	18.07	18.02		
20	QPSK	50	24	17.89	17.98	17.99	18.5	0
20	QPSK	50	50	17.87	18.04	17.89		
20	QPSK	100	0	17.96	18.00	17.91		
20	16QAM	1	0	17.90	18.09	17.99		
20	16QAM	1	49	17.93	17.96	18.02	18.5	0
20	16QAM	1	99	18.01	18.04	17.92		
20	16QAM	50	0	17.91	17.95	18.02		
20	16QAM	50	24	18.00	18.06	18.02	18.5	0
20	16QAM	50	50	17.95	18.06	18.01		
20	16QAM	100	0	17.95	17.99	17.89		
20	64QAM	1	0	18.00	18.04	17.93		
20	64QAM	1	49	17.92	17.95	18.03	18.5	0
20	64QAM	1	99	17.94	18.00	18.01		
20	64QAM	50	0	17.92	17.95	17.93		
20	64QAM	50	24	17.98	17.96	17.96	18.5	0
20	64QAM	50	50	17.97	18.05	18.02		
20	64QAM	100	0	17.93	18.08	17.90		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.96	18.01	17.94		
15	QPSK	1	37	17.81	18.02	17.91	18.5	0
15	QPSK	1	74	17.80	17.87	17.86		
15	QPSK	36	0	18.00	18.00	17.91		
15	QPSK	36	20	17.75	17.92	17.94	18.5	0
15	QPSK	36	39	17.72	17.94	17.82		
15	QPSK	75	0	17.93	17.89	17.78		
15	16QAM	1	0	17.84	18.05	17.87		
15	16QAM	1	37	17.92	17.89	17.97	18.5	0
15	16QAM	1	74	17.96	18.01	17.84		
15	16QAM	36	0	17.82	17.82	17.87		
15	16QAM	36	20	17.89	17.97	17.93	18.5	0
15	16QAM	36	39	17.88	17.93	17.91		
15	16QAM	75	0	17.91	17.96	17.88		
15	64QAM	1	0	17.99	17.92	17.87		
15	64QAM	1	37	17.88	17.86	17.91	18.5	0
15	64QAM	1	74	17.80	17.97	17.96		
15	64QAM	36	0	17.87	17.89	17.91		
15	64QAM	36	20	17.94	17.82	17.82	18.5	0
15	64QAM	36	39	17.85	18.01	17.95		
15	64QAM	75	0	17.79	18.00	17.89		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.99	18.02	18.03		
10	QPSK	1	25	17.80	18.05	17.82	18.5	0
10	QPSK	1	49	17.88	17.96	17.92		
10	QPSK	25	0	18.00	17.93	17.92		
10	QPSK	25	12	17.81	17.87	17.90	18.5	0
10	QPSK	25	25	17.83	18.01	17.78		
10	QPSK	50	0	17.85	17.96	17.89		
10	16QAM	1	0	17.88	17.98	17.95		
10	16QAM	1	25	17.85	17.83	17.96	18.5	0
10	16QAM	1	49	17.87	17.90	17.77		
10	16QAM	25	0	17.84	17.86	17.98		
10	16QAM	25	12	17.94	17.93	17.87	18.5	0
10	16QAM	25	25	17.94	18.03	17.92		
10	16QAM	50	0	17.84	17.91	17.88		
10	64QAM	1	0	17.86	17.99	17.84		
10	64QAM	1	25	17.89	17.90	18.00	18.5	0
10	64QAM	1	49	17.81	17.86	17.94		
10	64QAM	25	0	17.80	17.81	17.85		
10	64QAM	25	12	17.87	17.91	17.88	18.5	0
10	64QAM	25	25	17.88	17.92	17.90		
10	64QAM	50	0	17.84	17.98	17.87		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.88	18.03	17.90		
5	QPSK	1	12	17.80	18.00	17.82	18.5	0
5	QPSK	1	24	17.82	17.90	17.88		
5	QPSK	12	0	17.98	17.92	18.00		
5	QPSK	12	7	17.82	17.86	17.91	18.5	0
5	QPSK	12	13	17.77	17.98	17.88		
5	QPSK	25	0	17.83	17.98	17.90		
5	16QAM	1	0	17.85	17.98	17.85		
5	16QAM	1	12	17.83	17.81	17.90	18.5	0
5	16QAM	1	24	17.88	17.97	17.85		
5	16QAM	12	0	17.77	17.83	17.97		
5	16QAM	12	7	17.89	17.92	17.87	18.5	0
5	16QAM	12	13	17.82	18.02	17.92		
5	16QAM	25	0	17.88	17.91	17.74		
5	64QAM	1	0	17.85	17.95	17.83		
5	64QAM	1	12	17.80	17.85	18.02	18.5	0
5	64QAM	1	24	17.91	17.94	17.90		
5	64QAM	12	0	17.78	17.87	17.91		
5	64QAM	12	7	17.93	17.89	17.82	18.5	0
5	64QAM	12	13	17.95	17.99	17.98		
5	64QAM	25	0	17.78	18.00	17.86		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.97	18.06	17.98		
3	QPSK	1	8	17.93	17.94	17.90	18.5	0
3	QPSK	1	14	17.79	17.88	17.92		
3	QPSK	8	0	17.87	18.05	17.98		
3	QPSK	8	4	17.84	17.89	17.90	18.5	0
3	QPSK	8	7	17.79	17.91	17.78		
3	QPSK	15	0	17.86	17.96	17.78		
3	16QAM	1	0	17.78	18.01	17.93		
3	16QAM	1	8	17.86	17.90	17.98	18.5	0
3	16QAM	1	14	17.97	17.89	17.88		
3	16QAM	8	0	17.87	17.87	17.87		
3	16QAM	8	4	17.88	17.91	17.99	18.5	0
3	16QAM	8	7	17.92	17.91	17.96		
3	16QAM	15	0	17.94	17.84	17.82		
3	64QAM	1	0	17.94	17.99	17.87		
3	64QAM	1	8	17.88	17.93	17.94	18.5	0
3	64QAM	1	14	17.92	17.93	17.98		
3	64QAM	8	0	17.82	17.87	17.91		
3	64QAM	8	4	17.95	17.87	17.85	18.5	0
3	64QAM	8	7	17.89	18.00	17.87		
3	64QAM	15	0	17.84	17.95	17.76		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.97	18.09	17.92		
1.4	QPSK	1	3	17.84	18.03	17.81		
1.4	QPSK	1	5	17.74	17.90	17.93	18.5	0
1.4	QPSK	3	0	17.97	17.95	17.99		
1.4	QPSK	3	1	17.77	17.95	17.95		
1.4	QPSK	3	3	17.83	18.02	17.84		
1.4	QPSK	6	0	17.86	17.94	17.80	18.5	0
1.4	16QAM	1	0	17.86	18.07	17.94		
1.4	16QAM	1	3	17.81	17.89	17.97		
1.4	16QAM	1	5	17.91	17.96	17.87	18.5	0
1.4	16QAM	3	0	17.82	17.81	17.97		
1.4	16QAM	3	1	17.92	18.04	17.98		
1.4	16QAM	3	3	17.86	17.93	17.95		
1.4	16QAM	6	0	17.81	17.87	17.77	18.5	0
1.4	64QAM	1	0	17.97	17.98	17.84		
1.4	64QAM	1	3	17.86	17.92	17.91		
1.4	64QAM	1	5	17.85	17.98	17.97	18.5	0
1.4	64QAM	3	0	17.90	17.91	17.84		
1.4	64QAM	3	1	17.90	17.88	17.91		
1.4	64QAM	3	3	17.91	17.99	18.01		
1.4	64QAM	6	0	17.81	17.95	17.87	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.39	22.40	22.30		
20	QPSK	1	49	22.30	22.25	22.24	23	0
20	QPSK	1	99	22.09	22.14	22.10		
20	QPSK	50	0	21.38	21.40	21.25		
20	QPSK	50	24	21.23	21.28	21.16	22	1
20	QPSK	50	50	21.33	21.27	21.24		
20	QPSK	100	0	21.36	21.39	21.22		
20	16QAM	1	0	21.54	21.58	21.51		
20	16QAM	1	49	21.62	21.55	21.43	22	1
20	16QAM	1	99	21.33	21.37	21.22		
20	16QAM	50	0	20.35	20.28	20.21		
20	16QAM	50	24	20.27	20.30	20.26	21	2
20	16QAM	50	50	20.25	20.25	20.15		
20	16QAM	100	0	20.29	20.27	20.25		
20	64QAM	1	0	20.54	20.45	20.33		
20	64QAM	1	49	20.40	20.41	20.28	21	2
20	64QAM	1	99	20.41	20.32	20.30		
20	64QAM	50	0	19.31	19.28	19.19		
20	64QAM	50	24	19.33	19.30	19.15	20	3
20	64QAM	50	50	19.33	19.25	19.21		
20	64QAM	100	0	19.29	19.30	19.24		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.36	22.19	22.29		
15	QPSK	1	37	22.23	22.13	22.19	23	0
15	QPSK	1	74	22.01	22.10	21.95		
15	QPSK	36	0	21.28	21.29	21.24		
15	QPSK	36	20	21.20	21.15	21.04	22	1
15	QPSK	36	39	21.23	21.20	21.09		
15	QPSK	75	0	21.30	21.15	21.12		
15	16QAM	1	0	21.53	21.50	21.42		
15	16QAM	1	37	21.52	21.41	21.30	22	1
15	16QAM	1	74	21.23	21.31	21.17		
15	16QAM	36	0	20.33	20.18	20.10		
15	16QAM	36	20	20.14	20.25	20.18	21	2
15	16QAM	36	39	20.22	20.19	20.00		
15	16QAM	75	0	20.28	20.17	20.17		
15	64QAM	1	0	20.50	20.30	20.29		
15	64QAM	1	37	20.38	20.34	20.26	21	2
15	64QAM	1	74	20.33	20.28	20.29		
15	64QAM	36	0	19.27	19.16	19.04		
15	64QAM	36	20	19.22	19.18	19.14	20	3
15	64QAM	36	39	19.26	19.15	19.13		
15	64QAM	75	0	19.16	19.15	19.09		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.25	22.24	22.19		
10	QPSK	1	25	22.22	22.16	22.13	23	0
10	QPSK	1	49	22.04	22.13	21.98		
10	QPSK	25	0	21.36	21.29	21.21		
10	QPSK	25	12	21.17	21.22	21.15	22	1
10	QPSK	25	25	21.30	21.24	21.09		
10	QPSK	50	0	21.24	21.14	21.17		
10	16QAM	1	0	21.39	21.47	21.50		
10	16QAM	1	25	21.50	21.51	21.32	22	1
10	16QAM	1	49	21.23	21.34	21.12		
10	16QAM	25	0	20.27	20.24	20.08		
10	16QAM	25	12	20.25	20.15	20.16	21	2
10	16QAM	25	25	20.24	20.19	20.00		
10	16QAM	50	0	20.18	20.18	20.24		
10	64QAM	1	0	20.51	20.38	20.30		
10	64QAM	1	25	20.38	20.35	20.22	21	2
10	64QAM	1	49	20.37	20.19	20.15		
10	64QAM	25	0	19.26	19.15	19.06		
10	64QAM	25	12	19.20	19.29	19.06	20	3
10	64QAM	25	25	19.31	19.22	19.14		
10	64QAM	50	0	19.22	19.27	19.21		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.32	22.27	22.25		
5	QPSK	1	12	22.16	22.18	22.18	23	0
5	QPSK	1	24	22.05	22.11	22.01		
5	QPSK	12	0	21.31	21.24	21.15		
5	QPSK	12	7	21.14	21.21	21.03	22	1
5	QPSK	12	13	21.26	21.13	21.15		
5	QPSK	25	0	21.32	21.21	21.15		
5	16QAM	1	0	21.43	21.43	21.47		
5	16QAM	1	12	21.58	21.49	21.30	22	1
5	16QAM	1	24	21.30	21.30	21.15		
5	16QAM	12	0	20.31	20.14	20.08		
5	16QAM	12	7	20.21	20.25	20.20	21	2
5	16QAM	12	13	20.19	20.12	20.01		
5	16QAM	25	0	20.28	20.26	20.11		
5	64QAM	1	0	20.50	20.37	20.30		
5	64QAM	1	12	20.30	20.36	20.17	21	2
5	64QAM	1	24	20.27	20.19	20.20		
5	64QAM	12	0	19.17	19.13	19.10		
5	64QAM	12	7	19.26	19.26	19.10	20	3
5	64QAM	12	13	19.20	19.19	19.06		
5	64QAM	25	0	19.17	19.15	19.20		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.28	22.29	22.19		
3	QPSK	1	8	22.18	22.19	22.09	23	0
3	QPSK	1	14	22.08	21.99	22.07		
3	QPSK	8	0	21.34	21.19	21.13		
3	QPSK	8	4	21.13	21.23	21.08

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BW [MHz]	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	21.28	21.33	21.30		
10	QPSK	1	25	21.25	21.32	21.19	22.5	0
10	QPSK	1	49	21.15	21.25	21.27		
10	QPSK	25	0	21.24	21.28	21.22		
10	QPSK	25	12	21.15	21.18	21.21	22.5	0
10	QPSK	25	25	21.15	21.19	21.16		
10	QPSK	50	0	21.21	21.27	21.19		
10	16QAM	1	0	21.14	21.23	21.21		
10	16QAM	1	25	21.21	21.25	21.09	22.5	0
10	16QAM	1	49	21.01	21.19	21.25		
10	16QAM	25	0	21.12	21.25	21.19		
10	16QAM	25	12	21.07	21.16	21.15	22.5	0
10	16QAM	25	25	21.08	21.11	21.03		
10	16QAM	50	0	21.12	21.24	21.16		
10	64QAM	1	0	21.13	21.26	21.19		
10	64QAM	1	25	21.20	21.25	21.06	22.5	0
10	64QAM	1	49	21.02	21.11	21.24		
10	64QAM	25	0	20.65	20.75	20.66		
10	64QAM	25	12	20.77	20.70	20.70	22	0.5
10	64QAM	25	25	20.55	20.76	20.64		
10	64QAM	50	0	20.72	20.72	20.66		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.19	21.29	21.24		
5	QPSK	1	12	21.19	21.28	21.15	22.5	0
5	QPSK	1	24	21.14	21.18	21.22		
5	QPSK	12	0	21.18	21.24	21.14		
5	QPSK	12	7	21.08	21.05	21.11	22.5	0
5	QPSK	12	13	21.02	21.17	21.12		
5	QPSK	25	0	21.15	21.16	21.11		
5	16QAM	1	0	21.07	21.22	21.14		
5	16QAM	1	12	21.10	21.24	20.94	22.5	0
5	16QAM	1	24	20.97	21.06	21.10		
5	16QAM	12	0	21.01	21.20	21.17		
5	16QAM	12	7	20.98	21.14	21.01	22.5	0
5	16QAM	12	13	20.98	21.09	21.00		
5	16QAM	25	0	21.03	21.19	21.06		
5	64QAM	1	0	21.01	21.22	21.10		
5	64QAM	1	12	21.10	21.24	20.92	22.5	0
5	64QAM	1	24	20.88	20.98	21.21		
5	64QAM	12	0	20.57	20.60	20.55		
5	64QAM	12	7	20.64	20.69	20.60	22	0.5
5	64QAM	12	13	20.47	20.71	20.53		
5	64QAM	25	0	20.59	20.61	20.53		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.27	21.28	21.15		
3	QPSK	1	8	21.21	21.22	21.16	22.5	0
3	QPSK	1	14	21.04	21.10	21.17		
3	QPSK	8	0	21.09	21.19	21.08		
3	QPSK	8	4	21.01	21.16	21.11	22.5	0
3	QPSK	8	7	21.00	21.13	21.09		
3	QPSK	15	0	21.18	21.24	21.18		
3	16QAM	1	0	21.07	21.08	21.12		
3	16QAM	1	8	21.08	21.18	20.95	22.5	0
3	16QAM	1	14	21.00	21.14	21.14		
3	16QAM	8	0	21.09	21.11	21.17		
3	16QAM	8	4	21.04	21.05	21.14	22.5	0
3	16QAM	8	7	21.02	20.96	20.97		
3	16QAM	15	0	21.03	21.15	21.13		
3	64QAM	1	0	21.07	21.22	21.13		
3	64QAM	1	8	21.10	21.14	20.99	22.5	0
3	64QAM	1	14	20.94	21.03	21.22		
3	64QAM	8	0	20.51	20.63	20.60		
3	64QAM	8	4	20.76	20.60	20.62	22	0.5
3	64QAM	8	7	20.40	20.62	20.53		
3	64QAM	15	0	20.62	20.70	20.59		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.21	21.31	21.19		
1.4	QPSK	1	3	21.20	21.28	21.12		
1.4	QPSK	1	5	21.10	21.24	21.14	22.5	0
1.4	QPSK	3	0	21.09	21.20	21.15		
1.4	QPSK	3	1	21.13	21.06	21.19		
1.4	QPSK	3	3	21.03	21.08	21.11		
1.4	QPSK	6	0	21.10	21.15	21.10	22.5	0
1.4	16QAM	1	0	21.06	21.19	21.11		
1.4	16QAM	1	3	21.09	21.15	21.04		
1.4	16QAM	1	5	20.98	21.13	21.12	22.5	0
1.4	16QAM	3	0	21.04	21.24	21.04		
1.4	16QAM	3	1	21.02	21.15	21.03		
1.4	16QAM	3	3	21.05	21.09	20.94		
1.4	16QAM	6	0	21.05	21.10	21.10	22.5	0
1.4	64QAM	1	0	21.02	21.25	21.14		
1.4	64QAM	1	3	21.11	21.15	20.94		
1.4	64QAM	1	5	20.87	21.06	21.15	22.5	0
1.4	64QAM	3	0	21.18	21.18	21.27		
1.4	64QAM	3	1	21.11	21.25	21.07		
1.4	64QAM	3	3	21.03	21.21	21.24		
1.4	64QAM	6	0	20.70	20.62	20.51	22	0.5

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	21.44	21.50	21.45		
10	QPSK	1	25	21.37	21.44	21.42	21.5	0
10	QPSK	1	49	21.33	21.35	21.43		
10	QPSK	25	0	21.36	21.39	21.33		
10	QPSK	25	12	21.32	21.30	21.31	21.5	0
10	QPSK	25	25	21.30	21.32	21.30		
10	QPSK	50	0	21.29	21.37	21.32		
10	16QAM	1	0	21.41	21.49	21.35		
10	16QAM	1	25	21.34	21.47	21.44	21.5	0
10	16QAM	1	49	21.38	21.42	21.33		
10	16QAM	25	0	21.29	21.45	21.34		
10	16QAM	25	12	21.36	21.37	21.38	21.5	0
10	16QAM	25	25	21.39	21.37	21.36		
10	16QAM	50	0	21.41	21.35	21.32		
10	64QAM	1	0	21.30	21.48	21.39		
10	64QAM	1	25	21.40	21.39	21.40	21.5	0
10	64QAM	1	49	21.38	21.43	21.43		
10	64QAM	25	0	20.68	20.81	20.79		
10	64QAM	25	12	20.53	20.67	20.70	21	0.5
10	64QAM	25	25	20.59	20.73	20.68		
10	64QAM	50	0	20.68	20.80	20.63		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.33	21.36	21.38		
5	QPSK	1	12	21.22	21.39	21.34	21.5	0
5	QPSK	1	24	21.24	21.21	21.30		
5	QPSK	12	0	21.22	21.34	21.26		
5	QPSK	12	7	21.27	21.22	21.29	21.5	0
5	QPSK	12	13	21.23	21.19	21.18		
5	QPSK	25	0	21.19	21.31	21.22		
5	16QAM	1	0	21.29	21.34	21.32		
5	16QAM	1	12	21.28	21.32	21.43	21.5	0
5	16QAM	1	24	21.34	21.38	21.21		
5	16QAM	12	0	21.17	21.31	21.20		
5	16QAM	12	7	21.27	21.23	21.24	21.5	0
5	16QAM	12	13	21.29	21.30	21.27		
5	16QAM	25	0	21.34	21.34	21.18		
5	64QAM	1	0	21.19	21.35	21.24		
5	64QAM	1	12	21.27	21.34	21.33	21.5	0
5	64QAM	1	24	21.29	21.34	21.41		
5	64QAM	12	0	20.67	20.78	20.68		
5	64QAM	12	7	20.48	20.66	20.64	21	0.5
5	64QAM	12	13	20.49	20.62	20.55		
5	64QAM	25	0	20.59	20.73	20.57		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.32	21.48	21.44		
3	QPSK	1	8	21.33	21.37	21.27	21.5	0
3	QPSK	1	14	21.28	21.24	21.30		
3	QPSK	8	0	21.35	21.32	21.24		
3	QPSK	8	4	21.22	21.24	21.24	21.5	0
3	QPSK	8	7	21.24	21.24	21.16		
3	QPSK	15	0	21.26	21.25	21.30		
3	16QAM	1	0	21.32	21.42	21.31		
3	16QAM	1	8	21.29	21.39	21.34	21.5	0
3	16QAM	1	14	21.29	21.36	21.32		
3	16QAM	8	0	21.18	21.34	21.32		
3	16QAM	8	4	21.21	21.23	21.33	21.5	0
3	16QAM	8	7	21.28	21.24	21.25		
3	16QAM	15	0	21.27	21.31	21.31		
3	64QAM	1	0	21.26	21.47	21.35		
3	64QAM	1	8	21.35	21.27	21.31	21.5	0
3	64QAM	1	14	21.30	21.32	21.37		
3	64QAM	8	0	20.67	20.74	20.68		
3	64QAM	8	4	20.41	20.62	20.55	21	0.5
3	64QAM	8	7	20.55	20.66	20.53		
3	64QAM	15	0	20.63	20.79	20.49		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.31	21.37	21.32		
1.4	QPSK	1	3	21.24	21.36	21.38		
1.4	QPSK	1	5	21.28	21.33	21.36	21.5	0
1.4	QPSK	3	0	21.27	21.31	21.20		
1.4	QPSK	3	1	21.19	21.20	21.25		
1.4	QPSK	3	3	21.23	21.22	21.27		
1.4	QPSK	6	0	21.23	21.33	21.20	21.5	0
1.4	16QAM	1	0	21.35	21.47	21.32		
1.4	16QAM	1	3	21.33	21.38	21.36		
1.4	16QAM	1	5	21.25	21.32	21.23	21.5	0
1.4	16QAM	3	0	21.24	21.37	21.31		
1.4	16QAM	3	1	21.25	21.31	21.30		
1.4	16QAM	3	3	21.33	21.31	21.32		
1.4	16QAM	6	0	21.30	21.20	21.17	21.5	0
1.4	64QAM	1	0	21.29	21.36	21.36		
1.4	64QAM	1	3	21.36	21.28	21.26		
1.4	64QAM	1	5	21.28	21.31	21.37	21.5	0
1.4	64QAM	3	0	21.28	21.34	21.33		
1.4	64QAM	3	1	21.35	21.19	21.23		
1.4	64QAM	3	3	21.21	21.20	21.29		
1.4	64QAM	6	0	20.57	20.72	20.48	21	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.33	24.34	24.27		
20	QPSK	1	49	24.20	24.25	24.19	25	0
20	QPSK	1	99	24.30	24.32	24.26		
20	QPSK	50	0	23.80	23.88	23.87		
20	QPSK	50	24	23.67	23.82	23.68	24	1
20	QPSK	50	50	23.71	23.85	23.73		
20	QPSK	100	0	23.86	23.87	23.80		
20	16QAM	1	0	23.31	23.45	23.30		
20	16QAM	1	49	23.49	23.60	23.58	24	1
20	16QAM	1	99	23.49	23.58	23.57		
20	16QAM	50	0	22.88	22.89	22.74		
20	16QAM	50	24	22.78	22.92	22.80	23	2
20	16QAM	50	50	22.82	22.96	22.86		
20	16QAM	100	0	22.78	22.90	22.86		
20	64QAM	1	0	22.26	22.36	22.35		
20	64QAM	1	49	22.40	22.53	22.39	23	2
20	64QAM	1	99	22.43	22.46	22.33		
20	64QAM	50	0	21.73	21.86	21.74		
20	64QAM	50	24	21.88	21.90	21.85	22	3
20	64QAM	50	50	21.92	21.93	21.89		
20	64QAM	100	0	21.76	21.89	21.84		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.28	24.25	24.14		
15	QPSK	1	37	24.19	24.19	24.07	25	0
15	QPSK	1	74	24.26	24.17	24.18		
15	QPSK	36	0	23.74	23.83	23.75		
15	QPSK	36	20	23.54	23.81	23.53	24	1
15	QPSK	36	39	23.59	23.75	23.68		
15	QPSK	75	0	23.76	23.82	23.72		
15	16QAM	1	0	23.22	23.30	23.20		
15	16QAM	1	37	23.36	23.51	23.49	24	1
15	16QAM	1	74	23.35	23.55	23.42		
15	16QAM	36	0	22.80	22.81	22.64		
15	16QAM	36	20	22.64	22.80	22.78	23	2
15	16QAM	36	39	22.79	22.94	22.79		
15	16QAM	75	0	22.74	22.88	22.76		
15	64QAM	1	0	22.17	22.31	22.29		
15	64QAM	1	37	22.34	22.51	22.36	23	2
15	64QAM	1	74	22.40	22.39	22.22		
15	64QAM	36	0	21.62	21.74	21.67		
15	64QAM	36	20	21.82	21.84	21.73	22	3
15	64QAM	36	39	21.83	21.85	21.74		
15	64QAM	75	0	21.71	21.75	21.71		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.31	24.19	24.17		
10	QPSK	1	25	24.09	24.16	24.10	25	0
10	QPSK	1	49	24.27	24.23	24.11		
10	QPSK	25	0	23.68	23.75	23.78		
10	QPSK	25	12	23.55	23.67	23.60	24	1
10	QPSK	25	25	23.59	23.78	23.71		
10	QPSK	50	0	23.77	23.85	23.74		
10	16QAM	1	0	23.24	23.30	23.21		
10	16QAM	1	25	23.37	23.51	23.55	24	1
10	16QAM	1	49	23.42	23.56	23.48		
10	16QAM	25	0	22.84	22.86	22.67		
10	16QAM	25	12	22.73	22.84	22.67	23	2
10	16QAM	25	25	22.76	22.82	22.83		
10	16QAM	50	0	22.66	22.84	22.71		
10	64QAM	1	0	22.18	22.30	22.22		
10	64QAM	1	25	22.38	22.42	22.28	23	2
10	64QAM	1	49	22.35	22.38	22.30		
10	64QAM	25	0	21.68	21.77	21.67		
10	64QAM	25	12	21.76	21.83	21.77	22	3
10	64QAM	25	25	21.77	21.80	21.77		
10	64QAM	50	0	21.72	21.80	21.75		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.20	24.24	24.24		
5	QPSK	1	12	24.09	24.19	24.06	25	0
5	QPSK	1	24	24.17	24.26	24.19		
5	QPSK	12	0	23.79	23.86	23.80		
5	QPSK	12	7	23.56	23.76	23.57	24	1
5	QPSK	12	13	23.60	23.78	23.67		
5	QPSK	25	0	23.75	23.76	23.79		
5	16QAM	1	0	23.30	23.37	23.21		
5	16QAM	1	12	23.47	23.49	23.43	24	1
5	16QAM	1	24	23.36	23.54	23.51		
5	16QAM	12	0	22.73	22.75	22.61		
5	16QAM	12	7	22.63	22.80	22.78	23	2
5	16QAM	12	13	22.72	22.90	22.71		
5	16QAM	25	0	22.66	22.88	22.81		
5	64QAM	1	0	22.23	22.35	22.33		
5	64QAM	1	12	22.38	22.49	22.36	23	2
5	64QAM	1	24	22.35	22.45	22.27		
5	64QAM	12	0	21.59	21.72	21.71		
5	64QAM	12	7	21.80	21.79	21.73	22	3
5	64QAM	12	13	21.88	21.90	21.78		
5	64QAM	25	0	21.66	21.83	21.70		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.01	17.07	17.04		
20	QPSK	1	49	16.87	16.92	16.91	17.5	0
20	QPSK	1	99	16.98	16.96	16.90		
20	QPSK	50	0	16.99	17.00	16.97		
20	QPSK	50	24	16.96	16.88	16.92	17.5	0
20	QPSK	50	50	16.88	16.91	16.92		
20	QPSK	100	0	16.92	16.97	16.88		
20	16QAM	1	0	16.90	16.97	16.97		
20	16QAM	1	49	16.91	16.98	16.99	17.5	0
20	16QAM	1	99	16.97	16.95	16.91		
20	16QAM	50	0	16.90	16.98	16.89		
20	16QAM	50	24	16.88	16.97	17.02	17.5	0
20	16QAM	50	50	17.00	16.90	16.98		
20	16QAM	100	0	16.96	16.93	16.93		
20	64QAM	1	0	17.00	16.98	17.02		
20	64QAM	1	49	16.95	16.92	17.00	17.5	0
20	64QAM	1	99	16.96	16.88	17.01		
20	64QAM	50	0	16.92	16.98	16.94		
20	64QAM	50	24	16.87	17.00	16.99	17.5	0
20	64QAM	50	50	16.95	16.92	17.02		
20	64QAM	100	0	16.89	16.87	16.93		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.94	17.06	16.96		
15	QPSK	1	37	16.76	16.84	16.80	17.5	0
15	QPSK	1	74	16.97	16.89	16.75		
15	QPSK	36	0	16.88	16.89	16.89		
15	QPSK	36	20	16.84	16.80	16.83	17.5	0
15	QPSK	36	39	16.86	16.89	16.88		
15	QPSK	75	0	16.78	16.90	16.86		
15	16QAM	1	0	16.76	16.87	16.94		
15	16QAM	1	37	16.79	16.92	16.97	17.5	0
15	16QAM	1	74	16.87	16.88	16.82		
15	16QAM	36	0	16.83	16.95	16.78		
15	16QAM	36	20	16.87	16.91	16.93	17.5	0
15	16QAM	36	39	16.88	16.83	16.90		
15	16QAM	75	0	16.93	16.81	16.89		
15	64QAM	1	0	16.92	16.95	16.89		
15	64QAM	1	37	16.89	16.87	16.86	17.5	0
15	64QAM	1	74	16.81	16.87	16.94		
15	64QAM	36	0	16.91	16.86	16.86		
15	64QAM	36	20	16.77	16.85	16.94	17.5	0
15	64QAM	36	39	16.82	16.81	16.89		
15	64QAM	75	0	16.79	16.84	16.89		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.91	16.94	16.90		
10	QPSK	1	25	16.76	16.80	16.86	17.5	0
10	QPSK	1	49	16.84	16.81	16.84		
10	QPSK	25	0	16.86	16.86	16.93		
10	QPSK	25	12	16.83	16.75	16.81	17.5	0
10	QPSK	25	25	16.74	16.90	16.84		
10	QPSK	50	0	16.88	16.87	16.79		
10	16QAM	1	0	16.77	16.83	16.82		
10	16QAM	1	25	16.78	16.91	16.98	17.5	0
10	16QAM	1	49	16.92	16.90	16.79		
10	16QAM	25	0	16.84	16.85	16.77		
10	16QAM	25	12	16.76	16.84	16.88	17.5	0
10	16QAM	25	25	16.88	16.89	16.83		
10	16QAM	50	0	16.95	16.80	16.80		
10	64QAM	1	0	16.93	16.90	17.01		
10	64QAM	1	25	16.93	16.79	16.88	17.5	0
10	64QAM	1	49	16.82	16.83	16.95		
10	64QAM	25	0	16.83	16.93	16.86		
10	64QAM	25	12	16.75	16.85	16.98	17.5	0
10	64QAM	25	25	16.86	16.83	16.89		
10	64QAM	50	0	16.85	16.84	16.78		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.98	16.98	17.00		
5	QPSK	1	12	16.79	16.89	16.76	17.5	0
5	QPSK	1	24	16.97	16.81	16.81		
5	QPSK	12	0	16.84	16.97	16.85		
5	QPSK	12	7	16.86	16.85	16.79	17.5	0
5	QPSK	12	13	16.82	16.76	16.84		
5	QPSK	25	0	16.88	16.88	16.81		
5	16QAM	1	0	16.79	16.92	16.92		
5	16QAM	1	12	16.80	16.92	16.94	17.5	0
5	16QAM	1	24	16.94	16.84	16.85		
5	16QAM	12	0	16.81	16.92	16.84		
5	16QAM	12	7	16.77	16.82	16.97	17.5	0
5	16QAM	12	13	16.99	16.75	16.85		
5	16QAM	25	0	16.83	16.85	16.85		
5	64QAM	1	0	16.85	16.95	16.97		
5	64QAM	1	12	16.93	16.84	16.86	17.5	0
5	64QAM	1	24	16.88	16.82	16.87		
5	64QAM	12	0	16.83	16.83	16.83		
5	64QAM	12	7	16.73	16.95	16.91	17.5	0
5	64QAM	12	13	16.84	16.91	16.92		
5	64QAM	25	0	16.78	16.86	16.86		

Band 7_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.99	20.02	19.93		
20	QPSK	1	49	19.94	19.90	19.88	21.5	0
20	QPSK	1	99	19.91	19.96	19.85		
20	QPSK	50	0	19.95	20.01	19.84		
20	QPSK	50	24	19.84	19.99	19.82	21.5	0
20	QPSK	50	50	19.88	19.88	19.78		
20	QPSK	100	0	19.89	19.95	19.91		
20	16QAM	1	0	19.96	20.01	19.86		
20	16QAM	1	49	19.85	19.91	19.84	21.5	0
20	16QAM	1	99	19.87	20.00	19.86		
20	16QAM	50	0	19.68	19.78	19.74		
20	16QAM	50	24	19.80	19.82	19.66	21	0.5
20	16QAM	50	50	19.83	19.85	19.76		
20	16QAM	100	0	19.68	19.74	19.65		
20	64QAM	1	0	19.17	19.26	19.18		
20	64QAM	1	49	19.35	19.35	19.40	21	0.5
20	64QAM	1	99	19.36	19.51	19.32		
20	64QAM	50	0	18.60	18.82	18.65		
20	64QAM	50	24	18.75	18.81	18.85	20	1.5
20	64QAM	50	50	18.68	18.78	18.81		
20	64QAM	100	0	18.81	18.78	18.74		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.96	19.92	19.86		
15	QPSK	1	37	19.84	19.87	19.75	21.5	0
15	QPSK	1	74	19.79	19.95	19.78		
15	QPSK	36	0	19.84	19.91	19.73		
15	QPSK	36	20	19.76	19.95	19.67	21.5	0
15	QPSK	36	39	19.73	19.83	19.77		
15	QPSK	75	0	19.78	19.93	19.81		
15	16QAM	1	0	19.82	19.88	19.80		
15	16QAM	1	37	19.79	19.90	19.76	21.5	0
15	16QAM	1	74	19.82	19.98	19.71		
15	16QAM	36	0	19.60	19.68	19.70		
15	16QAM	36	20	19.79	19.80	19.65	21	0.5
15	16QAM	36	39	19.71	19.76	19.69		
15	16QAM	75	0	19.64	19.62	19.60		
15	64QAM	1	0	19.12	19.17	19.05		
15	64QAM	1	37	19.25	19.32	19.33	21	0.5
15	64QAM	1	74	19.31	19.37	19.22		
15	64QAM	36	0	18.59	18.78	18.52		
15	64QAM	36	20	18.72	18.78	18.70	20	1.5
15	64QAM	36	39	18.64	18.76	18.74		
15	64QAM	75	0	18.70	18.63	18.70		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.84	19.99	19.88		
10	QPSK	1	25	19.86	19.81	19.84	21.5	0
10	QPSK	1	49	19.90	19.92	19.78		
10	QPSK	25	0	19.90	19.87	19.71		
10	QPSK	25	12	19.80	19.89	19.81	21.5	0
10	QPSK	25	25	19.86	19.74	19.77		
10	QPSK	50	0	19.80	19.94	19.83		
10	16QAM	1	0	19.87	19.99	19.82		
10	16QAM	1	25	19.73	19.90	19.70	21.5	0
10	16QAM	1	49	19.79	19.90	19.73		
10	16QAM	25	0	19.63	19.66	19.63		
10	16QAM	25	12	19.66	19.72	19.56	21	0.5
10	16QAM	25	25	19.78	19.78	19.67		
10	16QAM	50	0	19.66	19.68	19.51		
10	64QAM	1	0	19.03	19.11	19.13		
10	64QAM	1	25	19.20	19.25	19.31	21	0.5
10	64QAM	1	49	19.33	19.40	19.27		
10	64QAM	25	0	18.50	18.73	18.58		
10	64QAM	25	12	18.63	18.71	18.73	20	1.5
10	64QAM	25	25	18.67	18.67	18.78		
10	64QAM	50	0	18.70	18.70	18.69		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.92	19.92	19.79		
5	QPSK	1	12	19.86	19.85	19.77	21.5	0
5	QPSK	1	24	19.88	19.92	19.81		
5	QPSK	12	0	19.89	19.95	19.82		
5	QPSK	12	7	19.73	19.90	19.75	21.5	0
5	QPSK	12	13	19.79	19.85	19.71		
5	QPSK	25	0	19.83	19.89	19.86		
5	16QAM	1	0	19.81	19.96	19.74		
5	16QAM	1	12	19.83	19.80	19.75	21.5	0
5	16QAM	1	24	19.82	19.89	19.72		
5	16QAM	12	0	19.56	19.66	19.62		
5	16QAM	12	7	19.73	19.78	19.60	21	0.5
5	16QAM	12	13	19.81	19.75	19.69		
5	16QAM	25	0	19.61	19.73	19.62		
5	64QAM	1	0	19.16	19.17	19.06		
5	64QAM	1	12	19.20	19.29	19.29	21	0.5
5	64QAM	1	24	19.35	19.40	19.25		
5	64QAM	12	0	18.46	18.69	18.64		
5	64QAM	12	7	18.65	18.72	18.80	20	1.5
5	64QAM	12	13	18.60	18.70	18.74		
5	64QAM	25	0	18.78	18.68	18.71		

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	23.82	23.93	23.87		
10	QPSK	1	25	23.70	23.81	23.63	25	0
10	QPSK	1	49	23.73	23.85	23.67		
10	QPSK	25	0	22.92	22.99	22.96		
10	QPSK	25	12	22.83	22.96	22.93	24	1
10	QPSK	25	25	22.88	22.97	22.83		
10	QPSK	50	0	22.92	22.96	22.88		
10	16QAM	1	0	23.08	23.19	23.07		
10	16QAM	1	25	23.18	23.22	23.16	24	1
10	16QAM	1	49	23.26	23.29	23.14		
10	16QAM	25	0	21.83	21.93	21.90		
10	16QAM	25	12	21.96	21.98	21.89	23	2
10	16QAM	25	25	21.84	21.92	21.86		
10	16QAM	50	0	21.83	21.96	21.85		
10	64QAM	1	0	21.98	22.08	22.01		
10	64QAM	1	25	21.96	22.09	22.01	23	2
10	64QAM	1	49	21.92	22.03	21.90		
10	64QAM	25	0	20.83	20.92	20.78		
10	64QAM	25	12	20.82	20.94	20.82	22	3
10	64QAM	25	25	20.80	20.93	20.85		
10	64QAM	50	0	20.79	20.94	20.79		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.70	23.90	23.86		
5	QPSK	1	12	23.63	23.69	23.52	25	0
5	QPSK	1	24	23.58	23.84	23.60		
5	QPSK	12	0	22.88	22.94	22.92		
5	QPSK	12	7	22.76	22.81	22.80	24	1
5	QPSK	12	13	22.86	22.87	22.69		
5	QPSK	25	0	22.90	22.84	22.86		
5	16QAM	1	0	22.99	23.08	22.96		
5	16QAM	1	12	23.08	23.11	23.15	24	1
5	16QAM	1	24	23.18	23.14	23.08		
5	16QAM	12	0	21.74	21.80	21.87		
5	16QAM	12	7	21.93	21.83	21.88	23	2
5	16QAM	12	13	21.80	21.91	21.81		
5	16QAM	25	0	21.70	21.86	21.72		
5	64QAM	1	0	21.87	22.03	21.93		
5	64QAM	1	12	21.83	21.94	21.88	23	2
5	64QAM	1	24	21.85	21.92	21.86		
5	64QAM	12	0	20.79	20.80	20.69		
5	64QAM	12	7	20.80	20.88	20.77	22	3
5	64QAM	12	13	20.70	20.91	20.78		
5	64QAM	25	0	20.78	20.82	20.70		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.70	23.84	23.82		
3	QPSK	1	8	23.55	23.78	23.56	25	0
3	QPSK	1	14	23.69	23.83	23.66		
3	QPSK	8	0	22.87	22.98	22.90		
3	QPSK	8	4	22.79	22.86	22.91	24	1
3	QPSK	8	7	22.87	22.96	22.81		
3	QPSK	15	0	22.83	22.92	22.75		
3	16QAM	1	0	22.94	23.10	23.04		
3	16QAM	1	8	23.13	23.15	23.06	24	1
3	16QAM	1	14	23.18	23.20	23.11		
3	16QAM	8	0	21.74	21.88	21.80		
3	16QAM	8	4	21.91	21.93	21.83	23	2
3	16QAM	8	7	21.74	21.78	21.72		
3	16QAM	15	0	21.82	21.83	21.74		
3	64QAM	1	0	21.97	22.06	21.97		
3	64QAM	1	8	21.86	22.00	21.89	23	2
3	64QAM	1	14	21.82	21.92	21.80		
3	64QAM	8	0	20.80	20.89	20.66		
3	64QAM	8	4	20.68	20.88	20.77	22	3
3	64QAM	8	7	20.71	20.92	20.80		
3	64QAM	15	0	20.69	20.81	20.78		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.77	23.88	23.75		
1.4	QPSK	1	3	23.62	23.72	23.54		
1.4	QPSK	1	5	23.68	23.82	23.55	25	0
1.4	QPSK	3	0	23.77	23.78	23.79		
1.4	QPSK	3	1	23.66	23.71	23.50		
1.4	QPSK	3	3	23.67	23.74	23.66		
1.4	QPSK	6	0	22.77	22.81	22.81	24	1
1.4	16QAM	1	0	22.97	23.04	23.05		
1.4	16QAM	1	3	23.13	23.18	23.15		
1.4	16QAM	1	5	23.20	23.27	23.12	24	1
1.4	16QAM	3	0	22.86	23.02	22.92		
1.4	16QAM	3	1	23.07	23.15	23.14		
1.4	16QAM	3	3	23.16	23.13	22.97		
1.4	16QAM	6	0	21.81	21.89	21.78	23	2
1.4	64QAM	1	0	21.87	21.99	21.97		
1.4	64QAM	1	3	21.91	22.07	21.99		
1.4	64QAM	1	5	21.88	21.93	21.79	23	2
1.4	64QAM	3	0	21.78	21.97	21.85		
1.4	64QAM	3	1	21.84	21.97	21.85		
1.4	64QAM	3	3	21.77	21.81	21.66		
1.4	64QAM	6	0	20.66	20.82	20.68	22	3

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	23.01	23.19	23.08		
10	QPSK	1	25	22.95	22.97	22.96	24	0
10	QPSK	1	49	22.99	23.06	23.07		
10	QPSK	25	0	22.15	22.26	22.15		
10	QPSK	25	12	22.14	22.19	22.06	23	1
10	QPSK	25	25	22.13	22.23	22.13		
10	QPSK	50	0	22.18	22.23	22.10		
10	16QAM	1	0	22.29	22.39	22.27		
10	16QAM	1	25	22.34	22.48	22.35	23	1
10	16QAM	1	49	22.42	22.53	22.46		
10	16QAM	25	0	21.15	21.19	21.15		
10	16QAM	25	12	21.14	21.16	21.14	22	2
10	16QAM	25	25	21.18	21.21	21.15		
10	16QAM	50	0	21.11	21.23	21.11		
10	64QAM	1	0	21.14	21.29	21.16		
10	64QAM	1	25	21.20	21.30	21.25	22	2
10	64QAM	1	49	21.36	21.39	21.30		
10	64QAM	25	0	20.08	20.18	20.07		
10	64QAM	25	12	20.07	20.16	20.11	21	3
10	64QAM	25	25	20.13	20.21	20.06		
10	64QAM	50	0	20.10	20.21	20.14		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.98	23.16	23.03		
5	QPSK	1	12	22.89	22.82	22.84	24	0
5	QPSK	1	24	22.91	23.05	22.93		
5	QPSK	12	0	22.03	22.24	22.03		
5	QPSK	12	7	22.09	22.16	21.92	23	1
5	QPSK	12	13	22.07	22.13	22.12		
5	QPSK	25	0	22.09	22.10	22.06		
5	16QAM	1	0	22.27	22.38	22.12		
5	16QAM	1	12	22.23	22.39	22.30	23	1
5	16QAM	1	24	22.32	22.50	22.31		
5	16QAM	12	0	21.12	21.14	21.03		
5	16QAM	12	7	21.08	21.10	21.13	22	2
5	16QAM	12	13	21.10	21.12	21.10		
5	16QAM	25	0	21.07	21.17	21.07		
5	64QAM	1	0	21.06	21.20	21.09		
5	64QAM	1	12	21.16	21.17	21.13	22	2
5	64QAM	1	24	21.31	21.26	21.19		
5	64QAM	12	0	20.01	20.17	20.04		
5	64QAM	12	7	20.06	20.14	20.02	21	3
5	64QAM	12	13	20.08	20.18	20.04		
5	64QAM	25	0	20.00	20.06	20.01		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.91	23.07	23.05		
3	QPSK	1	8	22.93	22.87	22.84	24	0
3	QPSK	1	14	22.97	22.95	22.93		
3	QPSK	8	0	22.11	22.18	22.03		
3	QPSK	8	4	22.04	22.05	22.05	23	1
3	QPSK	8	7	22.11	22.14	22.07		
3	QPSK	15	0	22.11	22.13	21.99		
3	16QAM	1	0	22.17	22.32	22.20		
3	16QAM	1	8	22.32	22.44	22.21	23	1
3	16QAM	1	14	22.30	22.44	22.32		
3	16QAM	8	0	21.05	21.11	21.04		
3	16QAM	8	4	21.09	21.06	21.13	22	2
3	16QAM	8	7	21.08	21.15	21.13		
3	16QAM	15	0	21.04	21.14	21.02		
3	64QAM	1	0	21.11	21.18	21.15		
3	64QAM	1	8	21.06	21.27	21.11	22	2
3	64QAM	1	14	21.25	21.31	21.16		
3	64QAM	8	0	19.96	20.16	20.02		
3	64QAM	8	4	19.95	20.15	19.98	21	3
3	64QAM	8	7	19.98	20.12	20.00		
3	64QAM	15	0	20.05	20.18	20.09		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.98	23.11	23.07		
1.4	QPSK	1	3	22.90	22.83	22.89		
1.4	QPSK	1	5	22.88	22.95	23.04	24	0
1.4	QPSK	3	0	22.91	23.13	22.97		
1.4	QPSK	3	1	22.90	22.89	22.82		
1.4	QPSK	3	3	22.92	22.95	22.97		
1.4	QPSK	6	0	22.09	22.20	21.96	23	1
1.4	16QAM	1	0	22.20	22.26	22.13		
1.4	16QAM	1	3	22.26	22.45	22.27		
1.4	16QAM	1	5	22.36	22.41	22.32	23	1
1.4	16QAM	3	0	22.16	22.17	22.08		
1.4	16QAM	3	1	22.11	22.42	22.17		
1.4	16QAM	3	3	22.33	22.28	22.27		
1.4	16QAM	6	0	21.04	21.18	21.02	22	2
1.4	64QAM	1	0	21.09	21.20	21.14		
1.4	64QAM	1	3	21.05	21.28	21.17		
1.4	64QAM	1	5	21.35	21.28	21.22	22	2
1.4	64QAM	3	0	20.98	21.11	21.03		
1.4	64QAM	3	1	21.04	21.24	21.06		
1.4	64QAM	3	3	21.34	21.15	21.09		
1.4	64QAM	6	0	19.96	20.12	20.13	21	3

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		22.66			
10	QPSK	1	25		22.65		23.8	0
10	QPSK	1	49		22.64			
10	QPSK	25	0		21.65			
10	QPSK	25	12		21.64		22.8	1
10	QPSK	25	25		21.64			
10	QPSK	50	0		21.64			
10	16QAM	1	0		21.95			
10	16QAM	1	25		21.95		22.8	1
10	16QAM	1	49		21.92			
10	16QAM	25	0		20.62			
10	16QAM	25	12		20.63		21.8	2
10	16QAM	25	25		20.63			
10	16QAM	50	0		20.63			
10	64QAM	1	0		20.88			
10	64QAM	1	25		20.82		21.8	2
10	64QAM	1	49		20.79			
10	64QAM	25	0		19.62			
10	64QAM	25	12		19.62		20.8	3
10	64QAM	25	25		19.67			
10	64QAM	50	0		19.61			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.54	22.65	22.52		
5	QPSK	1	12	22.55	22.54	22.63	23.8	0
5	QPSK	1	24	22.53	22.61	22.53		
5	QPSK	12	0	21.62	21.57	21.51		
5	QPSK	12	7	21.51	21.52	21.54	22.8	1
5	QPSK	12	13	21.56	21.57	21.61		
5	QPSK	25	0	21.59	21.61	21.50		
5	16QAM	1	0	21.93	21.85	21.92		
5	16QAM	1	12	21.84	21.92	21.82	22.8	1
5	16QAM	1	24	21.87	21.90	21.77		
5	16QAM	12	0	20.56	20.51	20.54		
5	16QAM	12	7	20.61	20.54	20.48	21.8	2
5	16QAM	12	13	20.62	20.57	20.61		
5	16QAM	25	0	20.54	20.54	20.54		
5	64QAM	1	0	20.77	20.77	20.85		
5	64QAM	1	12	20.68	20.67	20.75	21.8	2
5	64QAM	1	24	20.68	20.65	20.65		
5	64QAM	12	0	19.61	19.56	19.49		
5	64QAM	12	7	19.61	19.53	19.50	20.8	3
5	64QAM	12	13	19.63	19.54	19.61		
5	64QAM	25	0	19.57	19.51	19.53		

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		21.89			
10	QPSK	1	25		21.77		22.8	0
10	QPSK	1	49		21.77			
10	QPSK	25	0		20.85			
10	QPSK	25	12		20.81		21.8	1
10	QPSK	25	25		20.79			
10	QPSK	50	0		20.80			
10	16QAM	1	0		21.15			
10	16QAM	1	25		21.12		21.8	1
10	16QAM	1	49		21.12			
10	16QAM	25	0		19.87			
10	16QAM	25	12		19.82		20.8	2
10	16QAM	25	25		19.80			
10	16QAM	50	0		19.82			
10	64QAM	1	0		20.08			
10	64QAM	1	25		20.00		20.8	2
10	64QAM	1	49		19.95			
10	64QAM	25	0		18.83			
10	64QAM	25	12		18.81		19.8	3
10	64QAM	25	25		18.79			
10	64QAM	50	0		18.78			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.80	21.81	21.74		
5	QPSK	1	12	21.66	21.68	21.65	22.8	0
5	QPSK	1	24	21.64	21.65	21.67		
5	QPSK	12	0	20.84	20.73	20.82		
5	QPSK	12	7	20.78	20.72	20.79	21.8	1
5	QPSK	12	13	20.69	20.74	20.75		
5	QPSK	25	0	20.78	20.71	20.67		
5	16QAM	1	0	21.06	21.06	21.00		
5	16QAM	1	12	20.99	20.98	21.02	21.8	1
5	16QAM	1	24	21.07	21.10	21.08		
5	16QAM	12	0	19.81	19.78	19.74		
5	16QAM	12	7	19.80	19.77	19.76	20.8	2
5	16QAM	12	13	19.66	19.67	19.71		
5	16QAM	25	0	19.71	19.70	19.79		
5	64QAM	1	0	20.02	19.94	19.95		
5	64QAM	1	12	19.98	19.90	19.85	20.8	2
5	64QAM	1	24	19.92	19.81	19.93		
5	64QAM	12	0	18.77	18.76	18.73		
5	64QAM	12	7	18.66	18.79	18.66	19.8	3
5	64QAM	12	13	18.66	18.73	18.66		
5	64QAM	25	0	18.72	18.73	18.68		

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	23.76	23.86	23.78	25	0
10	QPSK	1	25	23.65	23.81	23.74		
10	QPSK	1	49	23.75	23.85	23.74		
10	QPSK	25	0	22.91	22.99	22.89	24	1
10	QPSK	25	12	22.80	22.95	22.88		
10	QPSK	25	25	22.78	22.97	22.87		
10	QPSK	50	0	22.86	22.98	22.80		
10	16QAM	1	0	23.13	23.28	23.20	24	1
10	16QAM	1	25	23.18	23.28	23.19		
10	16QAM	1	49	23.28	23.29	23.25		
10	16QAM	25	0	21.86	21.98	21.89	23	2
10	16QAM	25	12	21.84	21.93	21.79		
10	16QAM	25	25	21.90	21.97	21.94		
10	16QAM	50	0	21.90	21.98	21.89		
10	64QAM	1	0	22.06	22.12	22.06	23	2
10	64QAM	1	25	21.98	22.09	22.08		
10	64QAM	1	49	21.99	22.12	22.00		
10	64QAM	25	0	20.91	20.97	20.83	22	3
10	64QAM	25	12	20.86	20.91	20.80		
10	64QAM	25	25	20.87	20.97	20.96		
10	64QAM	50	0	20.90	20.94	20.88		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.74	23.78	23.68	25	0
5	QPSK	1	12	23.61	23.68	23.60		
5	QPSK	1	24	23.60	23.74	23.73		
5	QPSK	12	0	22.83	22.94	22.80	24	1
5	QPSK	12	7	22.77	22.88	22.84		
5	QPSK	12	13	22.65	22.84	22.83		
5	QPSK	25	0	22.78	22.85	22.71		
5	16QAM	1	0	23.09	23.27	23.17	24	1
5	16QAM	1	12	23.15	23.14	23.04		
5	16QAM	1	24	23.18	23.23	23.13		
5	16QAM	12	0	21.78	21.89	21.77	23	2
5	16QAM	12	7	21.78	21.80	21.66		
5	16QAM	12	13	21.84	21.86	21.86		
5	16QAM	25	0	21.76	21.94	21.78		
5	64QAM	1	0	21.92	22.04	21.95	23	2
5	64QAM	1	12	21.88	22.04	21.94		
5	64QAM	1	24	21.97	21.99	21.86		
5	64QAM	12	0	20.87	20.96	20.74	22	3
5	64QAM	12	7	20.83	20.87	20.79		
5	64QAM	12	13	20.72	20.92	20.83		
5	64QAM	25	0	20.79	20.88	20.81		

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	23.03	23.07	22.99	24	0
10	QPSK	1	25	22.85	22.87	22.83		
10	QPSK	1	49	22.85	23.06	22.93		
10	QPSK	25	0	22.21	22.27	22.17	23	1
10	QPSK	25	12	22.00	22.17	22.00		
10	QPSK	25	25	22.07	22.24	22.15		
10	QPSK	50	0	22.19	22.23	22.17		
10	16QAM	1	0	22.47	22.51	22.47	23	1
10	16QAM	1	25	22.40	22.49	22.38		
10	16QAM	1	49	22.35	22.47	22.32		
10	16QAM	25	0	21.05	21.19	21.12	22	2
10	16QAM	25	12	21.02	21.16	21.14		
10	16QAM	25	25	21.11	21.24	21.18		
10	16QAM	50	0	21.09	21.19	21.13		
10	64QAM	1	0	21.34	21.38	21.36	22	2
10	64QAM	1	25	21.29	21.34	21.29		
10	64QAM	1	49	21.33	21.37	21.31		
10	64QAM	25	0	20.14	20.20	20.08	21	3
10	64QAM	25	12	20.08	20.15	20.06		
10	64QAM	25	25	20.15	20.23	20.15		
10	64QAM	50	0	20.11	20.22	20.17		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.90	23.03	22.84	24	0
5	QPSK	1	12	22.71	22.76	22.79		
5	QPSK	1	24	22.79	22.95	22.88		
5	QPSK	12	0	22.18	22.13	22.11	23	1
5	QPSK	12	7	21.95	22.14	21.92		
5	QPSK	12	13	22.04	22.10	22.13		
5	QPSK	25	0	22.16	22.15	22.11		
5	16QAM	1	0	22.38	22.36	22.44	23	1
5	16QAM	1	12	22.34	22.47	22.32		
5	16QAM	1	24	22.24	22.34	22.24		
5	16QAM	12	0	21.03	21.04	21.07	22	2
5	16QAM	12	7	20.88	21.10	21.05		
5	16QAM	12	13	21.02	21.19	21.13		
5	16QAM	25	0	20.97	21.16	21.07		
5	64QAM	1	0	21.20	21.35	21.23	22	2
5	64QAM	1	12	21.25	21.26	21.28		
5	64QAM	1	24	21.29	21.36	21.28		
5	64QAM	12	0	20.13	20.09	20.07	21	3
5	64QAM	12	7	20.05	20.06	19.96		
5	64QAM	12	13	20.08	20.21	20.05		
5	64QAM	25	0	20.08	20.12	20.03		

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	21.40	21.50	21.44	22.5	0
15	QPSK	1	37	21.34	21.39	21.33		
15	QPSK	1	74	21.38	21.37	21.34		
15	QPSK	36	0	21.36	21.45	21.42	22.5	0
15	QPSK	36	20	21.31	21.44	21.33		
15	QPSK	36	39	21.25	21.37	21.40		
15	QPSK	75	0	21.30	21.37	21.30		
15	16QAM	1	0	21.25	21.36	21.40	22.5	0
15	16QAM	1	37	21.31	21.24	21.31		
15	16QAM	1	74	21.30	21.45	21.40		
15	16QAM	36	0	21.37	21.41	21.31	22.5	0
15	16QAM	36	20	21.21	21.38	21.20		
15	16QAM	36	39	21.34	21.22	21.30		
15	16QAM	75	0	21.28	21.30	21.32		
15	64QAM	1	0	21.28	21.31	21.31	22.5	0
15	64QAM	1	37	21.17	21.25	21.34		
15	64QAM	1	74	21.26	21.28	21.28		
15	64QAM	36	0	20.79	20.86	20.94	22	0.5
15	64QAM	36	20	20.96	20.90	20.76		
15	64QAM	36	39	20.83	20.92	20.86		
15	64QAM	75	0	20.95	20.99	20.98		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.39	21.37	21.36	22.5	0
10	QPSK	1	25	21.33	21.28	21.27		
10	QPSK	1	49	21.36	21.28	21.30		
10	QPSK	25	0	21.25	21.32	21.32	22.5	0
10	QPSK	25	12	21.18	21.39	21.31		
10	QPSK	25	25	21.23	21.23	21.36		
10	QPSK	50	0	21.15	21.25	21.16		
10	16QAM	1	0	21.15	21.21	21.29	22.5	0
10	16QAM	1	25	21.29	21.10	21.23		
10	16QAM	1	49	21.16	21.44	21.26		
10	16QAM	25	0	21.33	21.38	21.26	22.5	0
10	16QAM	25	12	21.06	21.33	21.15		
10	16QAM	25	25	21.21	21.10	21.27		
10	16QAM	50	0	21.20	21.18	21.17		
10	64QAM	1	0	21.21	21.17	21.21	22.5	0
10	64QAM	1	25	21.09	21.22	21.31		
10	64QAM	1	49	21.17	21.19	21.24		
10	64QAM	25	0	20.67	20.75	20.83	22	0.5
10	64QAM	25	12	20.95	20.88	20.71		
10	64QAM	25	25	20.79	20.91	20.83		
10	64QAM	50	0	20.83	20.86	20.91		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.36	21.35	21.37	22.5	0
5	QPSK	1	12	21.23	21.35	21.27		
5	QPSK	1	24	21.29	21.34	21.24		
5	QPSK	12	0	21.28	21.36	21.29	22.5	0
5	QPSK	12	7	21.22	21.39	21.23		
5	QPSK	12	13	21.23	21.22	21.34		
5	QPSK	25	0	21.15	21.23	21.19		
5	16QAM	1	0	21.21	21.26	21.30	22.5	0
5	16QAM	1	12	21.23	21.11	21.18		
5	16QAM	1	24	21.16	21.41	21.37		
5	16QAM	12	0	21.32	21.30	21.16	22.5	0
5	16QAM	12	7	21.12	21.30	21.11		
5	16QAM	12	13	21.21	21.18	21.29		
5	16QAM	25	0	21.22	21.16	21.19		
5	64QAM	1	0	21.22	21.18	21.16	22.5	0
5	64QAM	1	12	21.16	21.11	21.23		
5	64QAM	1	24	21.18	21.17	21.20		
5	64QAM	12	0	20.77	20.82	20.88	22	0.5
5	64QAM	12	7	20.93	20.86	20.69		
5	64QAM	12	13	20.75	20.86	20.72		
5	64QAM	25	0	20.90	20.91	20.87		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.35	21.42	21.37	22.5	0
3	QPSK	1	8	21.28	21.30	21.18		
3	QPSK	1	14	21.36	21.24	21.26		
3	QPSK	8	0	21.23	21.35	21.29	22.5	0
3	QPSK	8	4	21.21	21.32	21.24		
3	QPSK	8	7	21.18	21.22	21.38		
3	QPSK	15	0	21.19	21.26	21.27		
3	16QAM	1	0	21.19	21.30	21.31	22.5	0
3	16QAM	1	8	21.30	21.10	21.26		
3	16QAM	1	14	21.25	21.35	21.28		
3	16QAM	8	0	21.22	21.29	21.29	22.5	0
3	16QAM	8	4	21.13	21.37	21.14		
3	16QAM	8	7	21.26	21.17	21.18		
3	16QAM	15	0	21.18	21.27	21.25		
3	64QAM	1	0	21.22	21.17	21.23	22.5	0
3	64QAM	1	8	21.12	21.17	21.19		
3	64QAM	1	14	21.21	21.27	21.20		
3	64QAM	8	0	20.68	20.72	20.92	22	0.5
3	64QAM	8	4	20.87	20.84	20.66		
3	64QAM	8	7	20.81	20.77	20.82		
3	64QAM	15	0	20.81	20.94	20.92		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.29	21.44	21.43	22.5	0
1.4	QPSK	1	3	21.30	21.29	21.28		
1.4	QPSK	1	5	21.33	21.47	21.36		
1.4	QPSK	3	0	21.33	21.45	21.40		
1.4	QPSK	3	1	21.21	21.29	21.21		
1.4	QPSK	3	3	21.32	21.27	21.28		
1.4	QPSK	6	0	21.26	21.38	21.34	22.5	0
1.4	16QAM	1	0	21.17	21.42	21.32	22.5	0
1.4	16QAM	1	3	21.10	21.32	21.37		
1.4	16QAM	1	5	21.17	21.26	21.17		
1.4	16QAM	3	0	21.10	21.21	21.39		
1.4	16QAM	3	1	21.24	21.14	21.24		
1.4	16QAM	3	3	21.21	21.35	21.33		
1.4	16QAM	6	0	21.26	21.29	21.28	22.5	0
1.4	64QAM	1	0	21.16	21.32	21.18	22.5	0
1.4	64QAM	1	3	21.33	21.10	21.20		
1.4	64QAM	1	5	21.20	21.23	21.30		
1.4	64QAM	3	0	21.15	21.24	21.16		
1.4	64QAM	3	1	21.02	21.23	21.20		
1.4	64QAM	3	3	21.15	21.21	21.17		
1.4	64QAM	6	0	20.90	20.90	20.93	22	0.5

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	21.94	22.00	21.90		
15	QPSK	1	37	21.89	21.88	21.76	23	0
15	QPSK	1	74	21.82	21.98	21.77		
15	QPSK	36	0	21.62	21.72	21.63		
15	QPSK	36	20	21.60	21.61	21.52	23	0
15	QPSK	36	39	21.49	21.58	21.53		
15	QPSK	75	0	21.51	21.62	21.59		
15	16QAM	1	0	21.89	21.90	21.96		
15	16QAM	1	37	21.87	21.99	21.88	23	0
15	16QAM	1	74	21.79	21.91	21.80		
15	16QAM	36	0	20.67	20.69	20.59		
15	16QAM	36	20	20.58	20.77	20.64	22	1
15	16QAM	36	39	20.73	20.68	20.77		
15	16QAM	75	0	20.68	20.78	20.80		
15	64QAM	1	0	20.79	20.78	20.75		
15	64QAM	1	37	20.83	20.81	20.80	22	1
15	64QAM	1	74	20.74	20.79	20.78		
15	64QAM	36	0	19.52	19.74	19.55		
15	64QAM	36	20	19.72	19.76	19.76	21	2
15	64QAM	36	39	19.74	19.78	19.64		
15	64QAM	75	0	19.65	19.71	19.64		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.93	21.94	21.84		
10	QPSK	1	25	21.84	21.87	21.72	23	0
10	QPSK	1	49	21.73	21.93	21.73		
10	QPSK	25	0	21.50	21.65	21.62		
10	QPSK	25	12	21.48	21.51	21.44	23	0
10	QPSK	25	25	21.38	21.46	21.51		
10	QPSK	50	0	21.37	21.53	21.51		
10	16QAM	1	0	21.74	21.97	21.81		
10	16QAM	1	25	21.75	21.97	21.77	23	0
10	16QAM	1	49	21.70	21.83	21.68		
10	16QAM	25	0	20.58	20.56	20.56		
10	16QAM	25	12	20.50	20.70	20.61	22	1
10	16QAM	25	25	20.68	20.59	20.75		
10	16QAM	50	0	20.63	20.77	20.65		
10	64QAM	1	0	20.74	20.77	20.73		
10	64QAM	1	25	20.72	20.79	20.76	22	1
10	64QAM	1	49	20.63	20.71	20.64		
10	64QAM	25	0	19.51	19.73	19.41		
10	64QAM	25	12	19.63	19.65	19.62	21	2
10	64QAM	25	25	19.62	19.71	19.54		
10	64QAM	50	0	19.56	19.64	19.49		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.85	21.92	21.83		
5	QPSK	1	12	21.74	21.82	21.75	23	0
5	QPSK	1	24	21.74	21.94	21.75		
5	QPSK	12	0	21.49	21.65	21.55		
5	QPSK	12	7	21.53	21.56	21.43	23	0
5	QPSK	12	13	21.43	21.55	21.38		
5	QPSK	25	0	21.37	21.55	21.49		
5	16QAM	1	0	21.84	21.93	21.86		
5	16QAM	1	12	21.77	21.87	21.86	23	0
5	16QAM	1	24	21.66	21.89	21.65		
5	16QAM	12	0	20.55	20.65	20.55		
5	16QAM	12	7	20.44	20.69	20.63	22	1
5	16QAM	12	13	20.68	20.62	20.65		
5	16QAM	25	0	20.57	20.72	20.67		
5	64QAM	1	0	20.76	20.63	20.66		
5	64QAM	1	12	20.73	20.68	20.73	22	1
5	64QAM	1	24	20.61	20.64	20.67		
5	64QAM	12	0	19.48	19.65	19.52		
5	64QAM	12	7	19.65	19.75	19.64	21	2
5	64QAM	12	13	19.61	19.71	19.58		
5	64QAM	25	0	19.52	19.61	19.53		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.92	21.85	21.77		
3	QPSK	1	8	21.76	21.83	21.67	23	0
3	QPSK	1	14	21.76	21.96	21.70		
3	QPSK	8	0	21.47	21.58	21.62		
3	QPSK	8	4	21.57	21.59	21.44	23	0
3	QPSK	8	7	21.45	21.47	21.43		
3	QPSK	15	0	21.50	21.49	21.53		
3	16QAM	1	0	21.83	21.94	21.81		
3	16QAM	1	8	21.80	21.96	21.84	23	0
3	16QAM	1	14	21.72	21.76	21.75		
3	16QAM	8	0	20.54	20.63	20.44		
3	16QAM	8	4	20.46	20.73	20.59	22	1
3	16QAM	8	7	20.70	20.58	20.75		
3	16QAM	15	0	20.55	20.68	20.78		
3	64QAM	1	0	20.74	20.68	20.66		
3	64QAM	1	8	20.69	20.66	20.79	22	1
3	64QAM	1	14	20.60	20.75	20.72		
3	64QAM	8	0	19.40	19.64	19.44		
3	64QAM	8	4	19.62	19.62	19.65	21	2
3	64QAM	8	7	19.71	19.74	19.53		
3	64QAM	15	0	19.55	19.70	19.59		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.88	21.95	21.84		
1.4	QPSK	1	3	21.86	21.82	21.62		
1.4	QPSK	1	5	21.77	21.88	21.74	23	0
1.4	QPSK	3	0	21.54	21.58	21.58		
1.4	QPSK	3	1	21.52	21.57	21.45		
1.4	QPSK	3	3	21.37	21.43	21.43		
1.4	QPSK	6	0	21.42	21.53	21.45	23	0
1.4	16QAM	1	0	21.81	21.96	21.85		
1.4	16QAM	1	3	21.85	21.91	21.78		
1.4	16QAM	1	5	21.72	21.89	21.65	23	0
1.4	16QAM	3	0	21.72	21.93	21.84		
1.4	16QAM	3	1	21.74	21.85	21.64		
1.4	16QAM	3	3	21.57	21.76	21.59		
1.4	16QAM	6	0	20.63	20.69	20.77	22	1
1.4	64QAM	1	0	20.74	20.65	20.63		
1.4	64QAM	1	3	20.78	20.74	20.69		
1.4	64QAM	1	5	20.72	20.71	20.76	22	1
1.4	64QAM	3	0	20.73	20.62	20.60		
1.4	64QAM	3	1	20.65	20.69	20.59		
1.4	64QAM	3	3	20.58	20.57	20.68		
1.4	64QAM	6	0	19.50	19.67	19.54	21	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.95	23.97	23.93		
20	QPSK	1	49	23.87	23.89	23.80	25	0
20	QPSK	1	99	23.70	23.82	23.67		
20	QPSK	50	0	23.43	23.48	23.47		
20	QPSK	50	24	23.32	23.44	23.38	24	1
20	QPSK	50	50	23.25	23.34	23.30		
20	QPSK	100	0	23.25	23.40	23.26		
20	16QAM	1	0	23.43	23.49	23.41		
20	16QAM	1	49	23.59	23.60	23.57	24	1
20	16QAM	1	99	23.53	23.61	23.46		
20	16QAM	50	0	22.46	22.47	22.41		
20	16QAM	50	24	22.31	22.41	22.37	23	2
20	16QAM	50	50	22.27	22.31	22.28		
20	16QAM	100	0	22.30	22.37	22.29		
20	64QAM	1	0	22.55	22.60	22.55		
20	64QAM	1	49	22.53	22.55	22.50	23	2
20	64QAM	1	99	22.47	22.52	22.42		
20	64QAM	50	0	21.45	21.46	21.31		
20	64QAM	50	24	21.37	21.43	21.36	22	3
20	64QAM	50	50	21.24	21.31	21.20		
20	64QAM	100	0	21.24	21.37	21.23		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.80	23.86	23.88		
15	QPSK	1	37	23.86	23.77	23.72	25	0
15	QPSK	1	74	23.59	23.70	23.62		
15	QPSK	36	0	23.34	23.38	23.46		
15	QPSK	36	20	23.19	23.38	23.23	24	1
15	QPSK	36	39	23.10	23.27	23.18		
15	QPSK	75	0	23.22	23.34	23.13		
15	16QAM	1	0	23.39	23.38	23.37		
15	16QAM	1	37	23.56	23.48	23.51	24	1
15	16QAM	1	74	23.51	23.59	23.44		
15	16QAM	36	0	22.45	22.40	22.32		
15	16QAM	36	20	22.30	22.26	22.31	23	2
15	16QAM	36	39	22.12	22.23	22.26		
15	16QAM	75	0	22.27	22.24	22.14		
15	64QAM	1	0	22.54	22.59	22.48		
15	64QAM	1	37	22.41	22.44	22.47	23	2
15	64QAM	1	74	22.36	22.43	22.30		
15	64QAM	36	0	21.36	21.37	21.27		
15	64QAM	36	20	21.24	21.40	21.29	22	3
15	64QAM	36	39	21.13	21.22	21.19		
15	64QAM	75	0	21.16	21.27	21.20		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.80	23.94	23.90		
10	QPSK	1	25	23.72	23.84	23.68	25	0
10	QPSK	1	49	23.58	23.81	23.57		
10	QPSK	25	0	23.29	23.34	23.45		
10	QPSK	25	12	23.21	23.39	23.30	24	1
10	QPSK	25	25	23.16	23.33	23.25		
10	QPSK	50	0	23.15	23.36	23.13		
10	16QAM	1	0	23.37	23.39	23.32		
10	16QAM	1	25	23.52	23.45	23.49	24	1
10	16QAM	1	49	23.48	23.47	23.32		
10	16QAM	25	0	22.38	22.40	22.30		
10	16QAM	25	12	22.20	22.26	22.32	23	2
10	16QAM	25	25	22.13	22.23	22.25		
10	16QAM	50	0	22.15	22.25	22.20		
10	64QAM	1	0	22.49	22.46	22.54		
10	64QAM	1	25	22.44	22.46	22.40	23	2
10	64QAM	1	49	22.37	22.46	22.37		
10	64QAM	25	0	21.30	21.40	21.27		
10	64QAM	25	12	21.32	21.33	21.29	22	3
10	64QAM	25	25	21.14	21.25	21.06		
10	64QAM	50	0	21.19	21.31	21.20		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.84	23.89	23.83		
5	QPSK	1	12	23.78	23.81	23.72	25	0
5	QPSK	1	24	23.66	23.71	23.54		
5	QPSK	12	0	23.37	23.41	23.43		
5	QPSK	12	7	23.28	23.33	23.26	24	1
5	QPSK	12	13	23.23	23.24	23.26		
5	QPSK	25	0	23.23	23.38	23.19		
5	16QAM	1	0	23.37	23.40	23.37		
5	16QAM	1	12	23.52	23.57	23.47	24	1
5	16QAM	1	24	23.47	23.50	23.44		
5	16QAM	12	0	22.37	22.43	22.32		
5	16QAM	12	7	22.16	22.32	22.31	23	2
5	16QAM	12	13	22.25	22.16	22.26		
5	16QAM	25	0	22.25	22.28	22.17		
5	64QAM	1	0	22.41	22.56	22.53		
5	64QAM	1	12	22.40	22.43	22.44	23	2
5	64QAM	1	24	22.33	22.41	22.27		
5	64QAM	12	0	21.35	21.42	21.30		
5	64QAM	12	7	21.35	21.39	21.26	22	3
5	64QAM	12	13	21.14	21.22	21.11		
5	64QAM	25	0	21.09	21.36	21.19		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.87	23.92	23.90		
3	QPSK	1	8	23.86	23.84	23.72	25	0
3	QPSK	1	14	23.64	23.80	23.54		
3	QPSK	8	0	23.37	23.41	23.33		
3	QPSK	8	4	23.17	23.33	23.27	24	1
3	QPSK	8	7	23.13	23.19	23.18		
3	QPSK	15	0	23.15	23.28	23.24		
3	16QAM	1	0	23.32	23.40	23.37		
3	16QAM	1	8	23.46	23.53	23.43	24	1
3	16QAM	1	14	23.51	23.58	23.33		
3	16QAM	8	0	22.32	22.36	22.26		
3	16QAM	8	4	22.16	22.39	22.26	23	2
3	16QAM	8	7	22.17	22.28	22.25		
3	16QAM	15	0	22.23	22.23	22.19		
3	64QAM	1	0	22.42	22.57	22.54		
3	64QAM	1	8	22.43	22.45	22.36	23	2
3	64QAM	1	14	22.41	22.45	22.39		
3	64QAM	8	0	21.41	21.34	21.17		
3	64QAM	8	4	21.33	21.31	21.31	22	3
3	64QAM	8	7	21.23	21.22	21.12		
3	64QAM	15	0	21.11	21.26	21.13		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.82	23.90	23.80		
1.4	QPSK	1	3	23.74	23.88	23.79		
1.4	QPSK	1	5	23.62	23.71	23.53	25	0
1.4	QPSK	3	0	23.69	23.89	23.79		
1.4	QPSK	3	1	23.62	23.84	23.77		
1.4	QPSK	3	3	23.60	23.67	23.49		
1.4	QPSK	6	0	23.10	23.32	23.11	24	1
1.4	16QAM	1	0	23.41	23.38	23.26		
1.4	16QAM	1	3	23.48	23.59	23.48		
1.4	16QAM	1	5	23.47	23.56	23.36	24	1
1.4	16QAM	3	0	23.31	23.24	23.22		
1.4	16QAM	3	1	23.35	23.51	23.33		
1.4	16QAM	3	3	23.35	23.52	23.32		
1.4	16QAM	6	0	22.20	22.25	22.27	23	2
1.4	64QAM	1	0	22.52	22.54	22.54		
1.4	64QAM	1	3	22.38	22.49	22.45		
1.4	64QAM	1	5	22.41	22.50	22.39	23	2
1.4	64QAM	3	0	22.41	22.45	22.52		
1.4	64QAM	3	1	22.25	22.44	22.33		
1.4	64QAM	3	3	22.33	22.45	22.38		
1.4	64QAM	6	0	21.16	21.24	21.20	22	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.99	18.11	18.07		
20	QPSK	1	49	17.92	17.96	17.95	18.5	0
20	QPSK	1	99	17.98	17.98	18.00		
20	QPSK	50	0	17.95	18.06	18.00		
20	QPSK	50	24	17.88	17.98	17.96	18.5	0
20	QPSK	50	50	17.90	18.05	17.91		
20	QPSK	100	0	17.88	18.05	18.00		
20	16QAM	1	0	17.84	17.97	17.96		
20	16QAM	1	49	17.97	18.04	17.98	18.5	0
20	16QAM	1	99	17.95	18.06	18.05		
20	16QAM	50	0	17.95	18.04	18.05		
20	16QAM	50	24	17.94	17.98	17.94	18.5	0
20	16QAM	50	50	17.97	18.05	18.02		
20	16QAM	100	0	17.84	17.99	18.00		
20	64QAM	1	0	17.87	18.06	17.93		
20	64QAM	1	49	17.85	17.97	17.95	18.5	0
20	64QAM	1	99	17.87	17.96	18.06		
20	64QAM	50	0	17.85	18.05	17.98		
20	64QAM	50	24	17.93	17.98	18.03	18.5	0
20	64QAM	50	50	17.90	17.99	17.92		
20	64QAM	100	0	17.84	18.01	18.01		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.87	17.96	17.94		
15	QPSK	1	37	17.90	17.95	17.94	18.5	0
15	QPSK	1	74	17.95	17.91	17.88		
15	QPSK	36	0	17.84	17.94	17.86		
15	QPSK	36	20	17.85	17.89	17.90	18.5	0
15	QPSK	36	39	17.77	17.92	17.82		
15	QPSK	75	0	17.76	17.97	17.89		
15	16QAM	1	0	17.74	17.83	17.88		
15	16QAM	1	37	17.89	18.02	17.83	18.5	0
15	16QAM	1	74	17.93	18.04	18.04		
15	16QAM	36	0	17.84	17.93	17.93		
15	16QAM	36	20	17.85	17.97	17.81	18.5	0
15	16QAM	36	39	17.86	18.04	18.00		
15	16QAM	75	0	17.70	17.89	17.90		
15	64QAM	1	0	17.81	17.92	17.81		
15	64QAM	1	37	17.84	17.93	17.84	18.5	0
15	64QAM	1	74	17.80	17.94	17.96		
15	64QAM	36	0	17.79	18.02	17.89		
15	64QAM	36	20	17.87	17.83	17.91	18.5	0
15	64QAM	36	39	17.77	17.96	17.84		
15	64QAM	75	0	17.72	18.00	17.94		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.90	18.02	17.99		
10	QPSK	1	25	17.81	17.92	17.85	18.5	0
10	QPSK	1	49	17.89	17.87	17.96		
10	QPSK	25	0	17.91	18.04	17.99		
10	QPSK	25	12	17.84	17.97	17.95	18.5	0
10	QPSK	25	25	17.79	17.92	17.90		
10	QPSK	50	0	17.82	17.97	17.94		
10	16QAM	1	0	17.70	17.91	17.88		
10	16QAM	1	25	17.90	17.92	17.85	18.5	0
10	16QAM	1	49	17.90	17.93	17.96		
10	16QAM	25	0	17.92	18.00	17.95		
10	16QAM	25	12	17.85	17.85	17.80	18.5	0
10	16QAM	25	25	17.84	18.04	17.87		
10	16QAM	50	0	17.73	17.87	17.96		
10	64QAM	1	0	17.78	17.92	17.85		
10	64QAM	1	25	17.74	17.83	17.94	18.5	0
10	64QAM	1	49	17.83	17.91	17.94		
10	64QAM	25	0	17.78	17.95	17.95		
10	64QAM	25	12	17.92	17.83	18.01	18.5	0
10	64QAM	25	25	17.84	17.88	17.91		
10	64QAM	50	0	17.70	17.88	17.90		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.86	17.98	18.03		
5	QPSK	1	12	17.90	17.86	17.93	18.5	0
5	QPSK	1	24	17.84	17.89	17.86		
5	QPSK	12	0	17.84	17.91	17.90		
5	QPSK	12	7	17.81	17.85	17.81	18.5	0
5	QPSK	12	13	17.89	18.04	17.88		
5	QPSK	25	0	17.87	17.92	17.94		
5	16QAM	1	0	17.69	17.87	17.87		
5	16QAM	1	12	17.88	17.89	17.95	18.5	0
5	16QAM	1	24	17.82	17.92	18.01		
5	16QAM	12	0	17.91	17.95	17.97		
5	16QAM	12	7	17.79	17.88	17.80	18.5	0
5	16QAM	12	13	17.90	17.95	18.00		
5	16QAM	25	0	17.82	17.95	17.87		
5	64QAM	1	0	17.81	18.02	17.79		
5	64QAM	1	12	17.71	17.88	17.81	18.5	0
5	64QAM	1	24	17.73	17.82	18.05		
5	64QAM	12	0	17.80	17.99	17.97		
5	64QAM	12	7	17.83	17.89	17.96	18.5	0
5	64QAM	12	13	17.78	17.85	17.84		
5	64QAM	25	0	17.83	17.97	17.98		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.97	18.05	17.92		
3	QPSK	1	8	17.85	17.84	17.88	18.5	0
3	QPSK	1	14	17.83	17.86	17.97		
3	QPSK	8	0	17.90	17.95	17.99		
3	QPSK	8	4	17.87	17.92	17.86	18.5	0
3	QPSK	8	7	17.78	18.00	17.87		
3	QPSK	15	0	17.87	17.96	17.91		
3	16QAM	1	0	17.83	17.88	17.94		
3	16QAM	1	8	17.83	18.02	17.93	18.5	0
3	16QAM	1	14	17.93	17.91	18.02		
3	16QAM	8	0	17.86	17.97	17.96		
3	16QAM	8	4	17.90	17.93	17.85	18.5	0
3	16QAM	8	7	17.95	18.03	18.01		
3	16QAM	15	0	17.81	17.92	17.85		
3	64QAM	1	0	17.83	17.99	17.86		
3	64QAM	1	8	17.70	17.92	17.82	18.5	0
3	64QAM	1	14	17.79	17.82	18.04		
3	64QAM	8	0	17.76	17.91	17.89		
3	64QAM	8	4	17.90	17.83	18.01	18.5	0
3	64QAM	8	7	17.85	17.86	17.90		
3	64QAM	15	0	17.70	17.87	17.96		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.98	18.04	17.98		
1.4	QPSK	1	3	17.88	17.93	17.80		
1.4	QPSK	1	5	17.96	17.92	17.90	18.5	0
1.4	QPSK	3	0	17.94	17.98	17.87		
1.4	QPSK	3	1	17.84	17.90	17.95		
1.4	QPSK	3	3	17.80	17.94

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BW [MHz]	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	22.36	22.47	22.22		
20	QPSK	1	49	22.07	22.21	22.16	23	0
20	QPSK	1	99	21.99	22.11	22.08		
20	QPSK	50	0	21.27	21.29	21.23		
20	QPSK	50	24	21.17	21.24	21.21	22	1
20	QPSK	50	50	21.14	21.15	21.14		
20	QPSK	100	0	21.21	21.22	21.07		
20	16QAM	1	0	21.58	21.64	21.56		
20	16QAM	1	49	21.42	21.49	21.41	22	1
20	16QAM	1	99	21.26	21.40	21.32		
20	16QAM	50	0	20.24	20.27	20.18		
20	16QAM	50	24	20.16	20.27	20.21	21	2
20	16QAM	50	50	20.03	20.18	20.11		
20	16QAM	100	0	20.16	20.24	20.09		
20	64QAM	1	0	20.53	20.56	20.49		
20	64QAM	1	49	20.31	20.38	20.23	21	2
20	64QAM	1	99	20.21	20.28	20.27		
20	64QAM	50	0	19.28	19.31	19.30		
20	64QAM	50	24	19.27	19.29	19.23	20	3
20	64QAM	50	50	19.09	19.18	19.17		
20	64QAM	100	0	19.21	19.24	19.10		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.26	22.24	22.07		
15	QPSK	1	37	21.92	22.17	22.10	23	0
15	QPSK	1	74	21.89	21.98	21.99		
15	QPSK	36	0	21.14	21.25	21.13		
15	QPSK	36	20	21.02	21.22	21.09	22	1
15	QPSK	36	39	21.11	21.05	21.05		
15	QPSK	75	0	21.11	21.15	20.95		
15	16QAM	1	0	21.54	21.63	21.54		
15	16QAM	1	37	21.31	21.46	21.37	22	1
15	16QAM	1	74	21.23	21.36	21.17		
15	16QAM	36	0	20.17	20.22	20.05		
15	16QAM	36	20	20.02	20.17	20.12	21	2
15	16QAM	36	39	19.91	20.06	20.08		
15	16QAM	75	0	20.02	20.20	19.98		
15	64QAM	1	0	20.38	20.51	20.39		
15	64QAM	1	37	20.20	20.27	20.08	21	2
15	64QAM	1	74	20.16	20.14	20.24		
15	64QAM	36	0	19.21	19.21	19.21		
15	64QAM	36	20	19.13	19.20	19.18	20	3
15	64QAM	36	39	19.03	19.16	19.04		
15	64QAM	75	0	19.14	19.16	18.99		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.29	22.23	22.17		
10	QPSK	1	25	21.95	22.14	22.01	23	0
10	QPSK	1	49	21.89	21.96	21.97		
10	QPSK	25	0	21.26	21.17	21.12		
10	QPSK	25	12	21.15	21.11	21.15	22	1
10	QPSK	25	25	21.10	21.07	21.02		
10	QPSK	50	0	21.15	21.11	20.95		
10	16QAM	1	0	21.51	21.55	21.44		
10	16QAM	1	25	21.30	21.48	21.34	22	1
10	16QAM	1	49	21.20	21.31	21.29		
10	16QAM	25	0	20.17	20.13	20.06		
10	16QAM	25	12	20.09	20.26	20.08	21	2
10	16QAM	25	25	19.95	20.04	20.01		
10	16QAM	50	0	20.15	20.18	20.08		
10	64QAM	1	0	20.39	20.48	20.35		
10	64QAM	1	25	20.22	20.31	20.18	21	2
10	64QAM	1	49	20.06	20.16	20.17		
10	64QAM	25	0	19.21	19.21	19.25		
10	64QAM	25	12	19.20	19.23	19.12	20	3
10	64QAM	25	25	19.07	19.09	19.12		
10	64QAM	50	0	19.08	19.22	18.98		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.25	22.27	22.12		
5	QPSK	1	12	22.02	22.08	22.13	23	0
5	QPSK	1	24	21.87	22.09	22.03		
5	QPSK	12	0	21.17	21.27	21.19		
5	QPSK	12	7	21.05	21.18	21.15	22	1
5	QPSK	12	13	21.09	21.02	21.01		
5	QPSK	25	0	21.17	21.13	20.92		
5	16QAM	1	0	21.50	21.54	21.46		
5	16QAM	1	12	21.32	21.47	21.32	22	1
5	16QAM	1	24	21.22	21.29	21.19		
5	16QAM	12	0	20.16	20.19	20.16		
5	16QAM	12	7	20.11	20.16	20.17	21	2
5	16QAM	12	13	19.94	20.06	20.03		
5	16QAM	25	0	20.14	20.20	19.94		
5	64QAM	1	0	20.41	20.47	20.48		
5	64QAM	1	12	20.22	20.34	20.17	21	2
5	64QAM	1	24	20.19	20.18	20.15		
5	64QAM	12	0	19.20	19.30	19.15		
5	64QAM	12	7	19.22	19.18	19.19	20	3
5	64QAM	12	13	18.97	19.03	19.08		
5	64QAM	25	0	19.19	19.21	19.06		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.30	22.27	22.17		
3	QPSK	1	8	21.96	22.10	22.02	23	0
3	QPSK	1	14	21.86	21.96	22.04		
3	QPSK	8	0	21.19	21.28	21.18		
3	QPSK	8	4	21.16	21.23	21.17	22	1
3	QPSK	8	7	21.09	21.14	21.09		
3	QPSK	15	0	21.08	21.14	20.95		
3	16QAM	1	0	21.43	21.58	21.53		
3	16QAM	1	8	21.32	21.46	21.39	22	1
3	16QAM	1	14	21.13	21.38	21.21		
3	16QAM	8	0	20.23	20.12	20.03		
3	16QAM	8	4	20.09	20.12	20.06	21	2
3	16QAM	8	7	19.90	20.04	19.97		
3	16QAM	15	0	20.02	20.23	20.02		
3	64QAM	1	0	20.44	20.44	20.40		
3	64QAM	1	8	20.20	20.26	20.12	21	2
3	64QAM	1	14	20.15	20.18	20.13		
3	64QAM	8	0	19.17	19.28	19.21		
3	64QAM	8	4	19.15	19.19	19.12	20	3
3	64QAM	8	7	19.08	19.15	19.02		
3	64QAM	15	0	19.08	19.23	18.97		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.30	22.26	22.15		
1.4	QPSK	1	3	22.06	22.19	22.14		
1.4	QPSK	1	5	21.92	22.00	21.93	23	0
1.4	QPSK	3	0	22.16	22.19	22.05		
1.4	QPSK	3	1	21.97	22.09	22.02		
1.4	QPSK	3	3	21.84	21.93	21.87		
1.4	QPSK	6	0	21.10	21.10	21.06	22	1
1.4	16QAM	1	0	21.47	21.62	21.44		
1.4	16QAM	1	3	21.38	21.48	21.30		
1.4	16QAM	1	5	21.22	21.30	21.19	22	1
1.4	16QAM	3	0	21.38	21.51	21.37		
1.4	16QAM	3	1	21.25	21.40	21.20		
1.4	16QAM	3	3	21.18	21.18	21.06		
1.4	16QAM	6	0	20.08	20.22	19.99	21	2
1.4	64QAM	1	0	20.48	20.53	20.37		
1.4	64QAM	1	3	20.25	20.37	20.08		
1.4	64QAM	1	5	20.13	20.22	20.22	21	2
1.4	64QAM	3	0	20.45	20.45	20.27		
1.4	64QAM	3	1	20.16	20.28	20.01		
1.4	64QAM	3	3	20.07	20.14	20.21		
1.4	64QAM	6	0	19.12	19.12	19.05	20	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	24.44	24.47	24.46	25	0
20	QPSK	1	49	24.37	24.44	24.33		
20	QPSK	1	99	24.33	24.38	24.32		
20	QPSK	50	0	23.43	23.50	23.45	24	1
20	QPSK	50	24	23.34	23.44	23.40		
20	QPSK	50	50	23.40	23.48	23.37		
20	QPSK	100	0	23.31	23.40	23.26		
20	16QAM	1	0	23.42	23.45	23.36	24	1
20	16QAM	1	49	23.37	23.45	23.30		
20	16QAM	1	99	23.44	23.53	23.45		
20	16QAM	50	0	22.29	22.37	22.35	23	2
20	16QAM	50	24	22.46	22.47	22.40		
20	16QAM	50	50	22.37	22.44	22.33		
20	16QAM	100	0	22.34	22.48	22.46		
20	64QAM	1	0	21.85	21.96	21.95	23	2
20	64QAM	1	49	22.56	22.70	22.55		
20	64QAM	1	99	22.14	22.22	22.20		
20	64QAM	50	0	21.38	21.42	21.39	22	3
20	64QAM	50	24	21.43	21.45	21.31		
20	64QAM	50	50	21.34	21.44	21.42		
20	64QAM	100	0	21.33	21.43	21.41		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.40	24.39	24.43	25	0
15	QPSK	1	37	24.28	24.32	24.18		
15	QPSK	1	74	24.27	24.29	24.26		
15	QPSK	36	0	23.42	23.40	23.35	24	1
15	QPSK	36	20	23.20	23.30	23.39		
15	QPSK	36	39	23.30	23.33	23.32		
15	QPSK	75	0	23.26	23.37	23.13		
15	16QAM	1	0	23.31	23.37	23.26	24	1
15	16QAM	1	37	23.31	23.35	23.29		
15	16QAM	1	74	23.39	23.41	23.39		
15	16QAM	36	0	22.14	22.22	22.26	23	2
15	16QAM	36	20	22.40	22.41	22.28		
15	16QAM	36	39	22.29	22.31	22.23		
15	16QAM	75	0	22.26	22.40	22.39		
15	64QAM	1	0	21.84	21.86	21.88	23	2
15	64QAM	1	37	22.48	22.55	22.45		
15	64QAM	1	74	22.03	22.14	22.13		
15	64QAM	36	0	21.29	21.36	21.29	22	3
15	64QAM	36	20	21.31	21.40	21.17		
15	64QAM	36	39	21.23	21.30	21.35		
15	64QAM	75	0	21.25	21.42	21.39		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.43	24.32	24.31	25	0
10	QPSK	1	25	24.33	24.37	24.30		
10	QPSK	1	49	24.18	24.25	24.17		
10	QPSK	25	0	23.32	23.37	23.38	24	1
10	QPSK	25	12	23.33	23.40	23.28		
10	QPSK	25	25	23.35	23.42	23.27		
10	QPSK	50	0	23.22	23.36	23.23		
10	16QAM	1	0	23.38	23.33	23.26	24	1
10	16QAM	1	25	23.22	23.37	23.29		
10	16QAM	1	49	23.42	23.52	23.37		
10	16QAM	25	0	22.22	22.24	22.20	23	2
10	16QAM	25	12	22.32	22.41	22.37		
10	16QAM	25	25	22.28	22.35	22.23		
10	16QAM	50	0	22.33	22.44	22.45		
10	64QAM	1	0	21.82	21.88	21.90	23	2
10	64QAM	1	25	22.50	22.59	22.43		
10	64QAM	1	49	21.99	22.19	22.10		
10	64QAM	25	0	21.33	21.38	21.29	22	3
10	64QAM	25	12	21.32	21.38	21.29		
10	64QAM	25	25	21.20	21.37	21.36		
10	64QAM	50	0	21.19	21.32	21.38		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.30	24.35	24.45	25	0
5	QPSK	1	12	24.28	24.38	24.25		
5	QPSK	1	24	24.32	24.28	24.28		
5	QPSK	12	0	23.42	23.44	23.33	24	1
5	QPSK	12	7	23.32	23.35	23.30		
5	QPSK	12	13	23.38	23.46	23.25		
5	QPSK	25	0	23.18	23.27	23.17		
5	16QAM	1	0	23.30	23.41	23.35	24	1
5	16QAM	1	12	23.28	23.30	23.26		
5	16QAM	1	24	23.40	23.49	23.41		
5	16QAM	12	0	22.24	22.34	22.29	23	2
5	16QAM	12	7	22.32	22.40	22.33		
5	16QAM	12	13	22.35	22.39	22.32		
5	16QAM	25	0	22.21	22.34	22.38		
5	64QAM	1	0	21.72	21.83	21.81	23	2
5	64QAM	1	12	22.42	22.59	22.48		
5	64QAM	1	24	22.07	22.19	22.07		
5	64QAM	12	0	21.32	21.31	21.24	22	3
5	64QAM	12	7	21.37	21.37	21.27		
5	64QAM	12	13	21.23	21.31	21.27		
5	64QAM	25	0	21.22	21.38	21.39		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.11	18.17	18.06	18.5	0
20	QPSK	1	49	17.98	18.15	18.05		
20	QPSK	1	99	18.05	18.02	17.95		
20	QPSK	50	0	18.09	18.12	17.95	18.5	0
20	QPSK	50	24	18.06	18.06	17.90		
20	QPSK	50	50	18.00	18.05	17.94		
20	QPSK	100	0	18.04	18.11	17.94		
20	16QAM	1	0	18.05	18.03	17.97	18.5	0
20	16QAM	1	49	18.04	18.06	18.00		
20	16QAM	1	99	18.00	18.15	17.94		
20	16QAM	50	0	18.01	18.05	17.92	18.5	0
20	16QAM	50	24	18.05	18.13	17.94		
20	16QAM	50	50	18.03	18.06	17.92		
20	16QAM	100	0	18.03	18.12	17.92		
20	64QAM	1	0	18.00	18.02	18.03	18.5	0
20	64QAM	1	49	18.01	18.13	18.05		
20	64QAM	1	99	18.10	18.12	17.93		
20	64QAM	50	0	18.10	18.03	18.01	18.5	0
20	64QAM	50	24	17.97	18.12	18.03		
20	64QAM	50	50	18.04	18.14	18.03		
20	64QAM	100	0	17.96	18.04	18.00		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.02	18.05	17.99	18.5	0
15	QPSK	1	37	17.83	18.01	17.97		
15	QPSK	1	74	17.96	17.92	17.86		
15	QPSK	36	0	17.94	18.04	17.83	18.5	0
15	QPSK	36	20	17.96	17.92	17.80		
15	QPSK	36	39	17.96	18.04	17.87		
15	QPSK	75	0	17.94	17.99	17.89		
15	16QAM	1	0	18.03	17.94	17.95	18.5	0
15	16QAM	1	37	17.96	17.93	17.95		
15	16QAM	1	74	17.90	18.01	17.82		
15	16QAM	36	0	17.94	17.96	17.82	18.5	0
15	16QAM	36	20	17.98	18.03	17.93		
15	16QAM	36	39	17.91	17.97	17.84		
15	16QAM	75	0	17.94	18.10	17.77		
15	64QAM	1	0	17.92	17.96	17.97	18.5	0
15	64QAM	1	37	17.99	18.04	17.99		
15	64QAM	1	74	18.03	18.09	17.80		
15	64QAM	36	0	18.04	17.92	17.88	18.5	0
15	64QAM	36	20	17.91	18.05	17.99		
15	64QAM	36	39	18.00	18.09	18.01		
15	64QAM	75	0	17.82	18.03	17.93		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.04	18.12	17.95	18.5	0
10	QPSK	1	25	17.86	18.13	18.02		
10	QPSK	1	49	17.98	17.87	17.94		
10	QPSK	25	0	17.99	18.06	17.80	18.5	0
10	QPSK	25	12	17.99	17.99	17.79		
10	QPSK	25	25	17.85	18.04	17.85		
10	QPSK	50	0	17.89	17.99	17.79		
10	16QAM	1	0	17.93	17.96	17.89	18.5	0
10	16QAM	1	25	17.97	17.92	17.89		
10	16QAM	1	49	17.92	18.08	17.90		
10	16QAM	25	0	17.91	17.92	17.88	18.5	0
10	16QAM	25	12	18.00	18.07	17.93		
10	16QAM	25	25	17.94	17.95	17.82		
10	16QAM	50	0	18.00	18.00	17.77		
10	64QAM	1	0	17.99	17.90	17.97	18.5	0
10	64QAM	1	25	17.87	17.99	18.01		
10	64QAM	1	49	18.02	18.10	17.79		
10	64QAM	25	0	18.05	17.96	17.88	18.5	0
10	64QAM	25	12	17.95	18.03	17.91		
10	64QAM	25	25	17.89	18.12	17.92		
10	64QAM	50	0	17.92	17.90	17.97		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.97	18.04	17.97	18.5	0
5	QPSK	1	12	17.97	18.01	17.93		
5	QPSK	1	24	18.04	18.00	17.87		
5	QPSK	12	0	18.00	18.06	17.93	18.5	0
5	QPSK	12	7	18.00	17.98	17.77		
5	QPSK	12	13	17.91	18.03	17.90		
5	QPSK	25	0	18.00	18.03	17.82		
5	16QAM	1	0	18.03	17.93	17.83	18.5	0
5	16QAM	1	12	17.99	17.94	17.88		
5	16QAM	1	24	17.92	18.00	17.82		
5	16QAM	12	0	17.91	17.94	17.87	18.5	0
5	16QAM	12	7	18.01	18.07	17.80		
5	16QAM	12	13	17.90	17.91	17.85		
5	16QAM	25	0	17.96	18.10	17.87		
5	64QAM	1	0	17.86	17.92	17.98	18.5	0
5	64QAM	1	12	17.86	18.12	17.94		
5	64QAM	1	24	18.02	18.08	17.79		
5	64QAM	12	0	17.98	17.94	17.94	18.5	0
5	64QAM	12	7	17.93	18.01	17.98		
5	64QAM	12	13	17.99	18.13	17.89		
5	64QAM	25	0	17.92	17.93	17.93		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.38	21.45	21.37	23	0
20	QPSK	1	49	21.22	21.36	21.23		
20	QPSK	1	99	21.32	21.34	21.31		
20	QPSK	50	0	20.37	20.41	20.40	22	1
20	QPSK	50	24	20.31	20.37	20.35		
20	QPSK	50	50	20.36	20.32	20.36		
20	QPSK	100	0	20.32	20.40	20.39		
20	16QAM	1	0	20.48	20.49	20.37	22	1
20	16QAM	1	49	20.37	20.49	20.35		
20	16QAM	1	99	20.38	20.49	20.42		
20	16QAM	50	0	19.32	19.47	19.32	21	2
20	16QAM	50	24	19.34	19.46	19.44		
20	16QAM	50	50	19.38	19.46	19.38		
20	16QAM	100	0	19.39	19.49	19.47		
20	64QAM	1	0	19.13	19.24	19.11	21	2
20	64QAM	1	49	19.15	19.23	19.08		
20	64QAM	1	99	19.15	19.23	19.11		
20	64QAM	50	0	18.33	18.43	18.29	20	3
20	64QAM	50	24	18.44	18.45	18.44		
20	64QAM	50	50	18.33	18.42	18.33		
20	64QAM	100	0	18.31	18.41	18.27		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.37	21.30	21.26	23	0
15	QPSK	1	37	21.21	21.29	21.20		
15	QPSK	1	74	21.19	21.31	21.23		
15	QPSK	36	0	20.35	20.32	20.33	22	1
15	QPSK	36	20	20.23	20.27	20.27		
15	QPSK	36	39	20.29	20.26	20.34		
15	QPSK	75	0	20.18	20.27	20.25		
15	16QAM	1	0	20.38	20.44	20.33	22	1
15	16QAM	1	37	20.22	20.39	20.21		
15	16QAM	1	74	20.25	20.37	20.27		
15	16QAM	36	0	19.21	19.39	19.26	21	2
15	16QAM	36	20	19.19	19.37	19.29		
15	16QAM	36	39	19.27	19.33	19.30		
15	16QAM	75	0	19.25	19.45	19.44		
15	64QAM	1	0	19.10	19.09	19.09	21	2
15	64QAM	1	37	19.00	19.16	19.07		
15	64QAM	1	74	19.04	19.18	19.00		
15	64QAM	36	0	18.30	18.30	18.17	20	3
15	64QAM	36	20	18.32	18.31	18.37		
15	64QAM	36	39	18.25	18.27	18.23		
15	64QAM	75	0	18.20	18.33	18.20		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.36	21.34	21.32	23	0
10	QPSK	1	25	21.09	21.27	21.22		
10	QPSK	1	49	21.28	21.31	21.25		
10	QPSK	25	0	20.23	20.37	20.31	22	1
10	QPSK	25	12	20.16	20.36	20.20		
10	QPSK	25	25	20.27	20.17	20.33		
10	QPSK	50	0	20.23	20.36	20.38		
10	16QAM	1	0	20.43	20.44	20.34	22	1
10	16QAM	1	25	20.26	20.35	20.28		
10	16QAM	1	49	20.23	20.36	20.37		
10	16QAM	25	0	19.28	19.39	19.30	21	2
10	16QAM	25	12	19.23	19.45	19.38		
10	16QAM	25	25	19.33	19.42	19.34		
10	16QAM	50	0	19.34	19.42	19.37		
10	64QAM	1	0	19.10	19.15	19.05	21	2
10	64QAM	1	25	19.00	19.11	19.06		
10	64QAM	1	49	19.01	19.15	19.04		
10	64QAM	25	0	18.19	18.32	18.26	20	3
10	64QAM	25	12	18.35	18.42	18.33		
10	64QAM	25	25	18.20	18.35	18.29		
10	64QAM	50	0	18.25	18.35	18.13		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.34	21.38	21.27	23	0
5	QPSK	1	12	21.12	21.28	21.18		
5	QPSK	1	24	21.23	21.19	21.18		
5	QPSK	12	0	20.26	20.31	20.36	22	1
5	QPSK	12	7	20.29	20.30	20.30		
5	QPSK	12	13	20.28	20.28	20.32		
5	QPSK	25	0	20.19	20.36	20.36		
5	16QAM	1	0	20.41	20.45	20.34	22	1
5	16QAM	1	12	20.36	20.41	20.29		
5	16QAM	1	24	20.28	20.44	20.29		
5	16QAM	12	0	19.23	19.42	19.18	21	2
5	16QAM	12	7	19.19	19.36	19.42		
5	16QAM	12	13	19.32	19.41	19.29		
5	16QAM	25	0	19.38	19.37	19.37		
5	64QAM	1	0	19.05	19.13	19.02	21	2
5	64QAM	1	12	19.07	19.15	19.06		
5	64QAM	1	24	19.04	19.16	19.01		
5	64QAM	12	0	18.23	18.41	18.23	20	3
5	64QAM	12	7	18.29	18.33	18.31		
5	64QAM	12	13	18.26	18.36	18.21		
5	64QAM	25	0	18.17	18.26	18.17		

Band 41_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.40	23.46	23.50	23.44	23.48	23.8	0
20	QPSK	1	49	23.39	23.37	23.44	23.34	23.40		
20	QPSK	1	99	23.32	23.30	23.40	23.32	23.32		
20	QPSK	50	0	22.44	22.49	22.56	22.53	22.51	22.8	1
20	QPSK	50	24	22.36	22.41	22.50	22.40	22.49		
20	QPSK	50	50	22.41	22.46	22.52	22.50	22.37		
20	QPSK	100	0	22.36	22.46	22.51	22.45	22.50		
20	16QAM	1	0	22.51	22.44	22.53	22.41	22.41	22.8	1
20	16QAM	1	49	22.45	22.44	22.55	22.49	22.45		
20	16QAM	1	99	22.57	22.44	22.59	22.49	22.45		
20	16QAM	50	0	21.42	21.40	21.48	21.38	21.34	21.8	2
20	16QAM	50	24	21.36	21.46	21.50	21.43	21.48		
20	16QAM	50	50	21.38	21.47	21.52	21.49	21.47		
20	16QAM	100	0	21.43	21.41	21.48	21.39	21.37		
20	64QAM	1	0	21.12	21.17	21.24	21.10	21.19	21.8	2
20	64QAM	1	49	20.94	20.89	21.00	20.88	20.93		
20	64QAM	1	99	21.27	21.26	21.33	21.29	21.19		
20	64QAM	50	0	20.33	20.43	20.48	20.37	20.45	20.8	3
20	64QAM	50	24	20.43	20.39	20.48	20.39	20.37		
20	64QAM	50	50	20.43	20.42	20.51	20.37	20.40		
20	64QAM	100	0	20.12	20.03	20.18	20.16	20.06		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.31	23.43	23.35	23.41	23.33	23.8	0
15	QPSK	1	37	23.29	23.25	23.29	23.27	23.33		
15	QPSK	1	74	23.22	23.15	23.38	23.30	23.20		
15	QPSK	36	0	22.37	22.36	22.54	22.46	22.40	22.8	1
15	QPSK	36	20	22.23	22.29	22.43	22.31	22.40		
15	QPSK	36	39	22.40	22.34	22.46	22.45	22.36		
15	QPSK	75	0	22.33	22.37	22.40	22.40	22.37		
15	16QAM	1	0	22.45	22.42	22.40	22.34	22.32	22.8	1
15	16QAM	1	37	22.43	22.31	22.45	22.44	22.36		
15	16QAM	1	74	22.45	22.30	22.57	22.36	22.30		
15	16QAM	36	0	21.36	21.38	21.38	21.34	21.29	21.8	2
15	16QAM	36	20	21.26	21.31	21.47	21.40	21.35		
15	16QAM	36	39	21.32	21.39	21.49	21.46	21.43		
15	16QAM	75	0	21.37	21.39	21.40	21.25	21.31		
15	64QAM	1	0	21.06	21.10	21.09	20.96	21.07	21.8	2
15	64QAM	1	37	20.80	20.86	20.99	20.81	20.89		
15	64QAM	1	74	21.24	21.11	21.22	21.28	21.05		
15	64QAM	36	0	20.21	20.32	20.37	20.23	20.37	20.8	3
15	64QAM	36	20	20.34	20.37	20.42	20.29	20.29		
15	64QAM	36	39	20.42	20.41	20.41	20.25	20.37		
15	64QAM	75	0	20.00	19.92	20.10	20.10	20.01		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.37	23.44	23.40	23.34	23.33	23.8	0
10	QPSK	1	25	23.36	23.35	23.37	23.33	23.32		
10	QPSK	1	49	23.20	23.18	23.28	23.22	23.28		
10	QPSK	25	0	22.35	22.48	22.52	22.42	22.38	22.8	1
10	QPSK	25	12	22.35	22.30	22.38	22.28	22.39		
10	QPSK	25	25	22.33	22.39	22.37	22.35	22.31		
10	QPSK	50	0	22.21	22.40	22.44	22.34	22.40		
10	16QAM	1	0	22.46	22.29	22.40	22.27	22.30	22.8	1
10	16QAM	1	25	22.41	22.39	22.53	22.45	22.39		
10	16QAM	1	49	22.43	22.38	22.53	22.38	22.44		
10	16QAM	25	0	21.28	21.37	21.45	21.35	21.33	21.8	2
10	16QAM	25	12	21.27	21.40	21.42	21.37	21.33		
10	16QAM	25	25	21.24	21.39	21.42	21.39	21.33		
10	16QAM	50	0	21.28	21.27	21.45	21.38	21.26		
10	64QAM	1	0	21.06	21.09	21.17	21.04	21.11	21.8	2
10	64QAM	1	25	20.93	20.81	20.92	20.80	20.85		
10	64QAM	1	49	21.14	21.22	21.30	21.15	21.16		
10	64QAM	25	0	20.28	20.31	20.36	20.31	20.38	20.8	3
10	64QAM	25	12	20.42	20.25	20.33	20.31	20.24		
10	64QAM	25	25	20.36	20.28	20.42	20.32	20.39		
10	64QAM	50	0	20.04	20.00	20.13	20.05	19.92		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.34	23.42	23.40	23.29	23.45	23.8	0
5	QPSK	1	12	23.26	23.24	23.31	23.28	23.26		
5	QPSK	1	24	23.23	23.21	23.34	23.30	23.26		
5	QPSK	12	0	22.40	22.37	22.49	22.41	22.48	22.8	1
5	QPSK	12	7	22.34	22.33	22.45	22.29	22.42		
5	QPSK	12	13	22.26	22.45	22.39	22.47	22.36		
5	QPSK	25	0	22.32	22.45	22.40	22.42	22.36		
5	16QAM	1	0	22.36	22.39	22.38	22.39	22.33	22.8	1
5	16QAM	1	12	22.35	22.38	22.40	22.38	22.41		
5	16QAM	1	24	22.44	22.31	22.45	22.47	22.42		
5	16QAM	12	0	21.35	21.29	21.36	21.30	21.21	21.8	2
5	16QAM	12	7	21.28	21.43	21.45	21.38	21.34		
5	16QAM	12	13	21.36	21.32	21.37	21.42	21.39		
5	16QAM	25	0	21.29	21.28	21.47	21.38	21.23		
5	64QAM	1	0	21.04	21.09	21.14	20.97	21.07	21.8	2
5	64QAM	1	12	20.88	20.81	20.87	20.85	20.90		
5	64QAM	1	24	21.12	21.11	21.32	21.26	21.12		
5	64QAM	12	0	20.30	20.28	20.43	20.35	20.43	20.8	3
5	64QAM	12	7	20.41	20.37	20.44	20.35	20.30		
5	64QAM	12	13	20.40	20.29	20.44	20.24	20.28		
5	64QAM	25	0	20.11	19.94	20.11	20.01	20.00		

Band 41 (HPUE)_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	26.49	26.44	26.55	26.39	26.40	26.8	0
20	QPSK	1	49	26.28	26.33	26.37	26.36	26.22		
20	QPSK	1	99	26.30	26.28	26.42	26.32	26.37		
20	QPSK	50	0	25.37	25.38	25.46	25.37	25.36	25.8	1
20	QPSK	50	24	25.36	25.30	25.42	25.27	25.29		
20	QPSK	50	50	25.35	25.37	25.40	25.34	25.34		
20	QPSK	100	0	25.37	25.43	25.45	25.32	25.43		
20	16QAM	1	0	25.51	25.57	25.64	25.53	25.50	25.8	1
20	16QAM	1	49	25.47	25.44	25.59	25.57	25.51		
20	16QAM	1	99	25.64	25.59	25.66	25.62	25.57		
20	16QAM	50	0	24.31	24.34	24.46	24.33	24.40	24.8	2
20	16QAM	50	24	24.35	24.44	24.47	24.36	24.46		
20	16QAM	50	50	24.42	24.45	24.52	24.40	24.47		
20	16QAM	100	0	24.41	24.43	24.46	24.35	24.33		
20	64QAM	1	0	24.38	24.40	24.48	24.36	24.33	24.8	2
20	64QAM	1	49	24.52	24.45	24.53	24.46	24.38		
20	64QAM	1	99	24.47	24.52	24.55	24.41	24.45		
20	64QAM	50	0	23.31	23.37	23.44	23.37	23.41	23.8	3
20	64QAM	50	24	23.32	23.43	23.45	23.34	23.40		
20	64QAM	50	50	23.32	23.36	23.45	23.39	23.37		
20	64QAM	100	0	23.41	23.29	23.42	23.29	23.35		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	26.35	26.43	26.51	26.35	26.47	26.8	0
15	QPSK	1	37	26.16	26.23	26.24	26.27	26.16		
15	QPSK	1	74	26.19	26.22	26.35	26.23	26.23		
15	QPSK	36	0	25.28	25.28	25.45	25.36	25.30	25.8	1
15	QPSK	36	20	25.33	25.22	25.27	25.15	25.23		
15	QPSK	36	39	25.25	25.33	25.25	25.33	25.29		
15	QPSK	75	0	25.25	25.35	25.41	25.31	25.28		
15	16QAM	1	0	25.47	25.47	25.62	25.40	25.47	25.8	1
15	16QAM	1	37	25.46	25.43	25.44	25.51	25.43		
15	16QAM	1	74	25.54	25.48	25.58	25.50	25.56		
15	16QAM	36	0	24.18	24.31	24.33	24.25	24.34	24.8	2
15	16QAM	36	20	24.26	24.39	24.41	24.23	24.41		
15	16QAM	36	39	24.38	24.36	24.50	24.32	24.36		
15	16QAM	75	0	24.35	24.35	24.43	24.26	24.28		
15	64QAM	1	0	24.25	24.26	24.43	24.32	24.26	24.8	2
15	64QAM	1	37	24.38	24.33	24.39	24.31	24.23		
15	64QAM	1	74	24.36	24.49	24.42	24.32	24.37		
15	64QAM	36	0	23.29	23.29	23.30	23.24	23.32	23.8	3
15	64QAM	36	20	23.28	23.39	23.31	23.32	23.37		
15	64QAM	36	39	23.24	23.30	23.38	23.28	23.35		
15	64QAM	75	0	23.37	23.14	23.39	23.14	23.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	26.24	26.36	26.49	26.34	26.43	26.8	0
10	QPSK	1	25	26.26	26.22	26.33	26.29	26.09		
10	QPSK	1	49	26.29	26.22	26.37	26.24	26.22		
10	QPSK	25	0	25.30	25.28	25.44	25.22	25.24	25.8	1
10	QPSK	25	12	25.31	25.18	25.35	25.20	25.25		
10	QPSK	25	25	25.21	25.26	25.35	25.23	25.22		
10	QPSK	50	0	25.34	25.28	25.34	25.21	25.35		
10	16QAM	1	0	25.36	25.55	25.61	25.50	25.48	25.8	1
10	16QAM	1	25	25.41	25.32	25.57	25.56	25.47		
10	16QAM	1	49	25.51	25.49	25.52	25.59	25.50		
10	16QAM	25	0	24.19	24.19	24.41	24.27	24.36	24.8	2
10	16QAM	25	12	24.24	24.34	24.43	24.35	24.31		
10	16QAM	25	25	24.30	24.44	24.43	24.29	24.40		
10	16QAM	50	0	24.26	24.32	24.37	24.32	24.31		
10	64QAM	1	0	24.28	24.29	24.46	24.28	24.26	24.8	2
10	64QAM	1	25	24.43	24.44	24.47	24.38	24.26		
10	64QAM	1	49	24.40	24.37	24.40	24.26	24.42		
10	64QAM	25	0	23.28	23.25	23.43	23.34	23.37	23.8	3
10	64QAM	25	12	23.17	23.38	23.40	23.32	23.35		
10	64QAM	25	25	23.28	23.26	23.34	23.33	23.24		
10	64QAM	50	0	23.36	23.27	23.29	23.22	23.29		
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	26.34	26.42	26.51	26.32	26.41	26.8	0
5	QPSK	1	12	26.22	26.21	26.34	26.32	26.14		
5	QPSK	1	24	26.19	26.18	26.41	26.21	26.31		
5	QPSK	12	0	25.32	25.28	25.44	25.28	25.28	25.8	1
5	QPSK	12	7	25.32	25.23	25.27	25.25	25.14		
5	QPSK	12	13	25.22	25.25	25.25	25.32	25.31		
5	QPSK	25	0	25.32	25.35	25.41	25.30	25.42		
5	16QAM	1	0	25.36	25.48	25.59	25.41	25.40	25.8	1
5	16QAM	1	12	25.44	25.30	25.57	25.51	25.42		
5	16QAM	1	24	25.50	25.46	25.58	25.54	25.55		
5	16QAM	12	0	24.28	24.24	24.32	24.23	24.35	24.8	2
5	16QAM	12	7	24.23	24.40	24.38	24.24	24.39		
5	16QAM	12	13	24.29	24.38	24.45	24.28	24.38		
5	16QAM	25	0	24.36	24.29	24.31	24.30	24.32		
5	64QAM	1	0	24.24	24.38	24.34	24.29	24.29	24.8	2
5	64QAM	1	12	24.48	24.36	24.49	24.34	24.30		
5	64QAM	1	24	24.37	24.50	24.54	24.31	24.31		
5	64QAM	12	0	23.30	23.29	23.38	23.30	23.34	23.8	3
5	64QAM	12	7	23.24	23.29	23.32	23.31	23.25		
5	64QAM	12	13	23.31	23.30	23.38	23.38	23.23		
5	64QAM	25	0	23.36	23.26	23.36	23.20	23.27		

Band 41_Ant 3

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	19.39	19.49	19.62	19.46	19.60	19.7	0
20	QPSK	1	49	19.30	19.41	19.51	19.43	19.45		
20	QPSK	1	99	19.35	19.43	19.60	19.42	19.51		
20	QPSK	50	0	19.31	19.37	19.51	19.40	19.50	19.7	0
20	QPSK	50	24	19.23	19.31	19.50	19.36	19.45		
20	QPSK	50	50	19.21	19.33	19.45	19.35	19.38		
20	QPSK	100	0	19.28	19.29	19.49	19.29	19.35		
20	16QAM	1	0	19.34	19.34	19.50	19.40	19.58	19.7	0
20	16QAM	1	49	19.28	19.30	19.40	19.39	19.37		
20	16QAM	1	99	19.25	19.38	19.46	19.36	19.49		
20	16QAM	50	0	19.27	19.35	19.45	19.32	19.35	19.7	0
20	16QAM	50	24	19.16	19.19	19.39	19.21	19.31		
20	16QAM	50	50	19.14	19.28	19.32	19.25	19.32		
20	16QAM	100	0	19.15	19.14	19.40	19.19	19.24		
20	64QAM	1	0	19.32	19.43	19.61	19.33	19.58	19.7	0
20	64QAM	1	49	19.19	19.39	19.41	19.32	19.41		
20	64QAM	1	99	19.21	19.28	19.56	19.34	19.42		
20	64QAM	50	0	19.26	19.23	19.37	19.28	19.47	19.7	0
20	64QAM	50	24	19.18	19.28	19.47	19.29	19.44		
20	64QAM	50	50	19.16	19.22	19.37	19.29	19.26		
20	64QAM	100	0	19.15	19.16	19.47	19.19	19.22		
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	19.32	19.43	19.57	19.37	19.56	19.7	0
15	QPSK	1	37	19.29	19.35	19.37	19.30	19.30		
15	QPSK	1	74	19.26	19.32	19.55	19.33	19.46		
15	QPSK	36	0	19.20	19.29	19.48	19.29	19.40	19.7	0
15	QPSK	36	20	19.09	19.24	19.41	19.31	19.40		
15	QPSK	36	39	19.15	19.27	19.30	19.34	19.24		
15	QPSK	75	0	19.19	19.19	19.46	19.15	19.26		
15	16QAM	1	0	19.28	19.27	19.37	19.28	19.43	19.7	0
15	16QAM	1	37	19.13	19.17	19.33	19.35	19.29		
15	16QAM	1	74	19.21	19.37	19.41	19.29	19.46		
15	16QAM	36	0	19.17	19.22	19.39	19.29	19.27	19.7	0
15	16QAM	36	20	19.09	19.09	19.37	19.13	19.16		
15	16QAM	36	39	19.06	19.14	19.26	19.15	19.18		
15	16QAM	75	0	19.13	19.04	19.38	19.12	19.15		
15	64QAM	1	0	19.18	19.42	19.46	19.30	19.54	19.7	0
15	64QAM	1	37	19.13	19.34	19.28	19.22	19.34		
15	64QAM	1	74	19.10	19.23	19.45	19.25	19.29		
15	64QAM	36	0	19.11	19.15	19.33	19.25	19.40	19.7	0
15	64QAM	36	20	19.12	19.13	19.45	19.24	19.41		
15	64QAM	36	39	19.11	19.07	19.34	19.26	19.21		
15	64QAM	75	0	19.14	19.04	19.37	19.08	19.21		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.38	19.48	19.55	19.32	19.56	19.7	0
10	QPSK	1	25	19.20	19.26	19.40	19.39	19.44		
10	QPSK	1	49	19.24	19.40	19.59	19.30	19.45		
10	QPSK	25	0	19.30	19.34	19.42	19.34	19.49	19.7	0
10	QPSK	25	12	19.11	19.29	19.41	19.33	19.30		
10	QPSK	25	25	19.17	19.22	19.39	19.33	19.25		
10	QPSK	50	0	19.19	19.14	19.40	19.28	19.28		
10	16QAM	1	0	19.27	19.22	19.41	19.39	19.52	19.7	0
10	16QAM	1	25	19.15	19.18	19.33	19.28	19.31		
10	16QAM	1	49	19.16	19.37	19.38	19.35	19.36		
10	16QAM	25	0	19.25	19.25	19.38	19.28	19.31	19.7	0
10	16QAM	25	12	19.05	19.10	19.25	19.07	19.21		
10	16QAM	25	25	19.09	19.27	19.27	19.24	19.22		
10	16QAM	50	0	19.00	19.07	19.25	19.18	19.14		
10	64QAM	1	0	19.29	19.34	19.51	19.29	19.57	19.7	0
10	64QAM	1	25	19.09	19.29	19.37	19.31	19.33		
10	64QAM	1	49	19.19	19.16	19.43	19.28	19.28		
10	64QAM	25	0	19.25	19.11	19.22	19.23	19.41	19.7	0
10	64QAM	25	12	19.12	19.19	19.33	19.14	19.39		
10	64QAM	25	25	19.10	19.18	19.23	19.19	19.25		
10	64QAM	50	0	19.05	19.08	19.46	19.14	19.17		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.38	19.38	19.49	19.32	19.53	19.7	0
5	QPSK	1	12	19.20	19.33	19.41	19.28	19.36		
5	QPSK	1	24	19.34	19.37	19.51	19.39	19.48		
5	QPSK	12	0	19.17	19.35	19.48	19.29	19.45	19.7	0
5	QPSK	12	7	19.21	19.30	19.47	19.26	19.39		
5	QPSK	12	13	19.11	19.21	19.41	19.20	19.24		
5	QPSK	25	0	19.15	19.25	19.41	19.31	19.31		
5	16QAM	1	0	19.20	19.29	19.48	19.38	19.46	19.7	0
5	16QAM	1	12	19.24	19.19	19.32	19.37	19.31		
5	16QAM	1	24	19.12	19.34	19.40	19.32	19.47		
5	16QAM	12	0	19.13	19.20	19.35	19.23	19.25	19.7	0
5	16QAM	12	7	19.03	19.15	19.32	19.18	19.29		
5	16QAM	12	13	19.02	19.16	19.24	19.22	19.23		
5	16QAM	25	0	19.14	19.07	19.38	19.16	19.10		
5	64QAM	1	0	19.27	19.31	19.51	19.30	19.46	19.7	0
5	64QAM	1	12	19.16	19.33	19.31	19.27	19.26		
5	64QAM	1	24	19.16	19.22	19.51	19.22	19.41		
5	64QAM	12	0	19.25	19.09	19.26	19.24	19.34	19.7	0
5	64QAM	12	7	19.15	19.16	19.41	19.20	19.37		
5	64QAM	12	13	19.03	19.17	19.27	19.20	19.19		
5	64QAM	25	0	19.13	19.03	19.33	19.09	19.10		

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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	20.74	20.96	21.16	20.94	21.10	21.3	0
20	QPSK	1	49	20.61	20.88	21.12	20.93	20.97		
20	QPSK	1	99	20.69	20.82	21.12	20.90	20.99		
20	QPSK	50	0	20.73	20.85	21.13	20.82	21.07	21.3	0
20	QPSK	50	24	20.63	20.77	20.92	20.73	21.01		
20	QPSK	50	50	20.71	20.79	20.90	20.75	20.96		
20	QPSK	100	0	20.59	20.80	21.11	20.76	21.05		
20	16QAM	1	0	20.73	20.90	21.10	20.90	20.96	21.3	0
20	16QAM	1	49	20.61	20.82	21.15	20.83	20.96		
20	16QAM	1	99	20.70	20.90	21.02	20.84	21.09		
20	16QAM	50	0	20.63	20.87	21.01	20.92	20.96	21.3	0
20	16QAM	50	24	20.62	20.88	21.13	20.90	21.09		
20	16QAM	50	50	20.68	20.93	21.04	20.88	20.98		
20	16QAM	100	0	20.65	20.94	21.02	20.83	21.01		
20	64QAM	1	0	20.65	20.82	21.01	20.83	20.99	21.3	0
20	64QAM	1	49	20.67	20.95	21.05	20.89	21.05		
20	64QAM	1	99	20.73	20.95	21.01	20.90	20.99		
20	64QAM	50	0	20.69	20.90	21.11	20.82	20.99	21.3	0
20	64QAM	50	24	20.64	20.94	21.11	20.80	21.07		
20	64QAM	50	50	20.61	20.88	21.02	20.91	21.07		
20	64QAM	100	0	20.66	20.93	21.09	20.84	21.03		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.69	20.90	21.12	20.81	21.01	21.3	0
15	QPSK	1	37	20.56	20.78	21.01	20.83	20.93		
15	QPSK	1	74	20.66	20.75	20.97	20.84	20.96		
15	QPSK	36	0	20.72	20.73	20.93	20.81	20.93	21.3	0
15	QPSK	36	20	20.52	20.63	20.90	20.62	20.88		
15	QPSK	36	39	20.62	20.64	20.80	20.69	20.85		
15	QPSK	75	0	20.56	20.69	20.88	20.73	20.91		
15	16QAM	1	0	20.63	20.84	21.04	20.82	20.91	21.3	0
15	16QAM	1	37	20.49	20.80	21.06	20.75	20.89		
15	16QAM	1	74	20.63	20.84	20.89	20.69	21.03		
15	16QAM	36	0	20.59	20.79	20.87	20.77	20.85	21.3	0
15	16QAM	36	20	20.48	20.76	21.12	20.88	21.02		
15	16QAM	36	39	20.64	20.84	20.92	20.77	20.84		
15	16QAM	75	0	20.62	20.88	20.94	20.74	20.86		
15	64QAM	1	0	20.52	20.80	20.91	20.76	20.86	21.3	0
15	64QAM	1	37	20.59	20.93	20.91	20.77	21.03		
15	64QAM	1	74	20.58	20.94	20.96	20.76	20.94		
15	64QAM	36	0	20.59	20.77	20.97	20.72	20.84	21.3	0
15	64QAM	36	20	20.58	20.85	20.97	20.69	20.99		
15	64QAM	36	39	20.50	20.73	20.92	20.80	20.98		
15	64QAM	75	0	20.56	20.82	21.06	20.81	20.91		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.71	20.91	21.10	20.92	21.04	21.3	0
10	QPSK	1	25	20.54	20.87	21.06	20.85	20.88		
10	QPSK	1	49	20.61	20.80	21.05	20.75	20.86		
10	QPSK	25	0	20.69	20.82	20.88	20.69	20.95	21.3	0
10	QPSK	25	12	20.60	20.76	20.81	20.58	20.98		
10	QPSK	25	25	20.64	20.74	20.84	20.66	20.87		
10	QPSK	50	0	20.48	20.66	20.82	20.63	21.03		
10	16QAM	1	0	20.71	20.85	21.07	20.79	20.89	21.3	0
10	16QAM	1	25	20.51	20.76	21.01	20.68	20.88		
10	16QAM	1	49	20.66	20.85	20.90	20.80	21.06		
10	16QAM	25	0	20.60	20.79	20.92	20.91	20.85	21.3	0
10	16QAM	25	12	20.61	20.76	21.07	20.89	20.96		
10	16QAM	25	25	20.53	20.88	20.97	20.77	20.83		
10	16QAM	50	0	20.64	20.85	20.87	20.70	20.88		
10	64QAM	1	0	20.51	20.76	20.95	20.77	20.95	21.3	0
10	64QAM	1	25	20.66	20.90	20.97	20.79	20.98		
10	64QAM	1	49	20.68	20.84	20.99	20.88	20.97		
10	64QAM	25	0	20.55	20.79	20.97	20.76	20.86	21.3	0
10	64QAM	25	12	20.63	20.91	20.96	20.66	20.93		
10	64QAM	25	25	20.47	20.85	20.93	20.87	21.05		
10	64QAM	50	0	20.55	20.84	21.03	20.71	20.96		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.71	20.93	21.04	20.87	21.04	21.3	0
5	QPSK	1	12	20.54	20.79	21.06	20.82	20.89		
5	QPSK	1	24	20.68	20.72	20.99	20.78	20.87		
5	QPSK	12	0	20.63	20.84	20.87	20.67	21.06	21.3	0
5	QPSK	12	7	20.61	20.70	20.85	20.63	20.93		
5	QPSK	12	13	20.61	20.67	20.81	20.74	20.85		
5	QPSK	25	0	20.45	20.78	20.78	20.65	21.03		
5	16QAM	1	0	20.69	20.75	21.05	20.81	20.81	21.3	0
5	16QAM	1	12	20.54	20.71	21.13	20.70	20.81		
5	16QAM	1	24	20.61	20.75	20.98	20.75	20.96		
5	16QAM	12	0	20.50	20.72	20.91	20.80	20.90	21.3	0
5	16QAM	12	7	20.53	20.82	21.01	20.76	20.97		
5	16QAM	12	13	20.53	20.83	20.90	20.84	20.85		
5	16QAM	25	0	20.51	20.81	20.95	20.79	20.91		
5	64QAM	1	0	20.55	20.78	20.93	20.72	20.91	21.3	0
5	64QAM	1	12	20.59	20.83	20.94	20.83	20.97		
5	64QAM	1	24	20.68	20.92	20.86	20.80	20.92		
5	64QAM	12	0	20.62	20.76	20.96	20.69	20.96	21.3	0
5	64QAM	12	7	20.51	20.93	21.05	20.67	20.97		
5	64QAM	12	13	20.56	20.75	20.89	20.83	20.99		
5	64QAM	25	0	20.59	20.89	21.06	20.72	20.94		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.47	20.42	20.48	20.08	20.02	20.8	0
20	QPSK	1	49	20.21	20.25	20.25	20.07	19.96		
20	QPSK	1	99	20.25	20.26	20.24	20.01	19.98		
20	QPSK	50	0	19.39	19.35	19.40	19.09	19.13	19.8	1
20	QPSK	50	24	19.31	19.29	19.16	19.08	19.08		
20	QPSK	50	50	19.34	19.26	19.20	19.03	19.12		
20	QPSK	100	0	19.38	19.27	19.39	19.08	19.05		
20	16QAM	1	0	18.69	18.74	18.70	18.45	18.59	19.8	1
20	16QAM	1	49	18.72	18.77	18.71	18.50	18.48		
20	16QAM	1	99	18.96	19.07	19.00	18.84	18.87		
20	16QAM	50	0	18.24	18.23	18.27	18.09	18.05	18.8	2
20	16QAM	50	24	18.04	17.99	17.99	17.82	17.83		
20	16QAM	50	50	18.28	18.34	18.26	18.14	18.08		
20	16QAM	100	0	17.92	17.99	17.95	17.77	17.74		
20	64QAM	1	0	17.77	17.85	17.76	17.65	17.60	18.8	2
20	64QAM	1	49	18.13	18.05	18.06	17.85	17.87		
20	64QAM	1	99	18.03	18.09	18.04	17.93	17.91		
20	64QAM	50	0	17.26	17.34	17.27	17.11	17.05	17.8	3
20	64QAM	50	24	17.26	17.23	17.28	17.07	17.12		
20	64QAM	50	50	17.23	17.29	17.26	17.09	17.12		
20	64QAM	100	0	16.93	17.03	16.96	16.79	16.71		
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	20.42	20.27	20.23	19.95	19.88	20.8	0
15	QPSK	1	37	20.14	20.24	20.19	20.03	19.93		
15	QPSK	1	74	20.13	20.18	20.19	19.98	19.97		
15	QPSK	36	0	19.27	19.34	19.18	19.07	19.06	19.8	1
15	QPSK	36	20	19.16	19.20	19.15	19.04	19.04		
15	QPSK	36	39	19.28	19.18	19.08	18.93	19.07		
15	QPSK	75	0	19.34	19.21	19.10	19.02	19.00		
15	16QAM	1	0	18.67	18.65	18.62	18.36	18.58	19.8	1
15	16QAM	1	37	18.69	18.73	18.67	18.48	18.46		
15	16QAM	1	74	18.86	18.94	18.99	18.82	18.73		
15	16QAM	36	0	18.12	18.22	18.14	18.06	17.97	18.8	2
15	16QAM	36	20	18.00	17.89	17.96	17.67	17.72		
15	16QAM	36	39	18.26	18.23	18.24	18.09	17.94		
15	16QAM	75	0	17.89	17.95	17.92	17.66	17.62		
15	64QAM	1	0	17.70	17.79	17.61	17.57	17.48	18.8	2
15	64QAM	1	37	18.02	17.94	17.91	17.71	17.81		
15	64QAM	1	74	18.01	17.94	17.91	17.85	17.88		
15	64QAM	36	0	17.23	17.25	17.15	17.04	16.93	17.8	3
15	64QAM	36	20	17.15	17.16	17.27	17.01	17.11		
15	64QAM	36	39	17.15	17.19	17.15	17.03	16.98		
15	64QAM	75	0	16.82	16.93	16.91	16.65	16.61		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.37	20.33	20.21	19.94	19.92	20.8	0
10	QPSK	1	25	20.18	20.23	20.14	19.96	19.84		
10	QPSK	1	49	20.18	20.21	20.13	19.87	19.84		
10	QPSK	25	0	19.35	19.31	19.21	19.05	19.10	19.8	1
10	QPSK	25	12	19.23	19.20	19.06	19.02	18.93		
10	QPSK	25	25	19.19	19.21	19.19	18.98	18.97		
10	QPSK	50	0	19.29	19.15	19.20	18.96	18.91		
10	16QAM	1	0	18.65	18.61	18.64	18.36	18.58	19.8	1
10	16QAM	1	25	18.60	18.64	18.60	18.35	18.39		
10	16QAM	1	49	18.93	19.03	18.91	18.73	18.76		
10	16QAM	25	0	18.11	18.08	18.23	18.05	18.04	18.8	2
10	16QAM	25	12	18.00	17.87	17.90	17.72	17.74		
10	16QAM	25	25	18.27	18.26	18.18	18.09	18.01		
10	16QAM	50	0	17.90	17.91	17.93	17.69	17.65		
10	64QAM	1	0	17.74	17.83	17.62	17.63	17.45	18.8	2
10	64QAM	1	25	18.10	17.96	17.97	17.81	17.83		
10	64QAM	1	49	17.95	18.06	17.95	17.79	17.89		
10	64QAM	25	0	17.25	17.24	17.12	17.10	16.98	17.8	3
10	64QAM	25	12	17.17	17.21	17.20	16.94	17.11		
10	64QAM	25	25	17.22	17.24	17.11	17.07	17.00		
10	64QAM	50	0	16.86	17.02	16.94	16.69	16.64		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.46	20.38	20.11	20.05	19.99	20.8	0
5	QPSK	1	12	20.08	20.23	20.16	19.97	19.88		
5	QPSK	1	24	20.16	20.19	20.18	19.89	19.95		
5	QPSK	12	0	19.37	19.23	19.13	18.96	19.10	19.8	1
5	QPSK	12	7	19.29	19.28	19.09	18.96	18.96		
5	QPSK	12	13	19.19	19.24	19.10	18.99	19.03		
5	QPSK	25	0	19.36	19.18	19.10	19.02	18.92		
5	16QAM	1	0	18.54	18.59	18.57	18.38	18.47	19.8	1
5	16QAM	1	12	18.67	18.64	18.60	18.46	18.36		
5	16QAM	1	24	18.95	18.95	18.96	18.81	18.78		
5	16QAM	12	0	18.17	18.09	18.16	18.01	18.03	18.8	2
5	16QAM	12	7	17.91	17.95	17.96	17.81	17.79		
5	16QAM	12	13	18.16	18.31	18.18	18.06	17.96		
5	16QAM	25	0	17.87	17.87	17.92	17.68	17.60		
5	64QAM	1	0	17.74	17.82	17.70	17.51	17.47	18.8	2
5	64QAM	1	12	18.07	17.97	17.94	17.84	17.81		
5	64QAM	1	24	17.92	17.99	17.89	17.81	17.79		
5	64QAM	12	0	17.22	17.20	17.24	16.96	16.96	17.8	3
5	64QAM	12	7	17.20	17.09	17.27	16.94	17.02		
5	64QAM	12	13	17.10	17.15	17.24	17.08	17.11		
5	64QAM	25	0	16.91	16.91	16.84	16.72	16.69		

Band 41 (HPUE)_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.47	23.39	23.48	23.01	23.08	23.8	0
20	QPSK	1	49	23.33	23.35	23.23	23.01	23.02		
20	QPSK	1	99	23.36	23.37	23.19	22.96	23.06		
20	QPSK	50	0	22.41	22.37	22.42	22.07	22.06	22.8	1
20	QPSK	50	24	22.27	22.30	22.21	21.99	21.99		
20	QPSK	50	50	22.40	22.29	22.23	22.06	22.02		
20	QPSK	100	0	22.34	22.30	22.35	22.00	22.04		
20	16QAM	1	0	22.49	22.57	22.41	22.30	22.27	22.8	1
20	16QAM	1	49	22.60	22.55	22.41	22.25	22.25		
20	16QAM	1	99	22.49	22.46	22.38	22.27	22.15		
20	16QAM	50	0	21.49	21.37	21.31	21.16	21.16	21.8	2
20	16QAM	50	24	21.33	21.35	21.24	21.09	21.04		
20	16QAM	50	50	21.44	21.45	21.28	21.11	21.08		
20	16QAM	100	0	21.05	21.12	20.96	20.80	20.76		
20	64QAM	1	0	21.42	21.45	21.26	21.15	21.05	21.8	2
20	64QAM	1	49	21.34	21.37	21.29	21.09	21.11		
20	64QAM	1	99	21.14	21.18	20.99	20.84	20.81		
20	64QAM	50	0	20.41	20.39	20.23	19.98	19.98	20.8	3
20	64QAM	50	24	20.30	20.27	20.22	20.03	20.10		
20	64QAM	50	50	20.37	20.30	20.23	20.03	20.07		
20	64QAM	100	0	20.34	20.24	20.19	20.07	19.94		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.43	23.28	23.15	23.02	22.96	23.8	0
15	QPSK	1	37	23.31	23.22	23.15	22.96	22.92		
15	QPSK	1	74	23.21	23.36	23.07	22.89	22.97		
15	QPSK	36	0	22.33	22.26	22.19	21.99	21.92	22.8	1
15	QPSK	36	20	22.24	22.16	22.11	21.88	21.90		
15	QPSK	36	39	22.38	22.23	22.20	22.02	21.97		
15	QPSK	75	0	22.22	22.26	22.22	21.99	22.00		
15	16QAM	1	0	22.36	22.43	22.38	22.17	22.14	22.8	1
15	16QAM	1	37	22.57	22.47	22.29	22.23	22.17		
15	16QAM	1	74	22.41	22.35	22.29	22.26	22.06		
15	16QAM	36	0	21.45	21.22	21.16	21.13	21.14	21.8	2
15	16QAM	36	20	21.25	21.25	21.21	20.96	20.92		
15	16QAM	36	39	21.41	21.32	21.25	21.04	21.05		
15	16QAM	75	0	21.00	21.09	20.84	20.73	20.72		
15	64QAM	1	0	21.31	21.32	21.24	21.01	20.96	21.8	2
15	64QAM	1	37	21.20	21.26	21.28	21.07	21.04		
15	64QAM	1	74	21.05	21.08	20.85	20.71	20.72		
15	64QAM	36	0	20.38	20.35	20.21	19.94	19.96	20.8	3
15	64QAM	36	20	20.21	20.19	20.20	20.01	19.95		
15	64QAM	36	39	20.31	20.23	20.22	19.94	19.94		
15	64QAM	75	0	20.25	20.11	20.05	19.94	19.87		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.40	23.26	23.24	23.00	22.97	23.8	0
10	QPSK	1	25	23.22	23.28	23.15	22.87	23.00		
10	QPSK	1	49	23.29	23.31	23.16	22.85	23.01		
10	QPSK	25	0	22.38	22.25	22.22	22.02	22.01	22.8	1
10	QPSK	25	12	22.18	22.21	22.17	21.93	21.91		
10	QPSK	25	25	22.26	22.16	22.18	21.99	21.92		
10	QPSK	50	0	22.20	22.28	22.14	21.97	21.97		
10	16QAM	1	0	22.34	22.42	22.33	22.28	22.24	22.8	1
10	16QAM	1	25	22.48	22.45	22.36	22.14	22.10		
10	16QAM	1	49	22.38	22.33	22.30	22.14	22.00		
10	16QAM	25	0	21.39	21.35	21.27	21.12	21.12	21.8	2
10	16QAM	25	12	21.25	21.24	21.10	21.02	20.95		
10	16QAM	25	25	21.34	21.34	21.14	21.10	21.01		
10	16QAM	50	0	20.93	20.98	20.92	20.65	20.70		
10	64QAM	1	0	21.34	21.37	21.23	21.13	20.92	21.8	2
10	64QAM	1	25	21.22	21.28	21.24	21.08	20.99		
10	64QAM	1	49	20.99	21.15	20.86	20.69	20.72		
10	64QAM	25	0	20.28	20.38	20.20	19.93	19.84	20.8	3
10	64QAM	25	12	20.20	20.26	20.07	20.01	20.09		
10	64QAM	25	25	20.25	20.29	20.15	20.00	20.02		
10	64QAM	50	0	20.20	20.13	20.17	19.97	19.80		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.39	23.37	23.24	23.02	22.95	23.8	0
5	QPSK	1	12	23.20	23.32	23.21	22.92	22.97		
5	QPSK	1	24	23.26	23.36	23.08	22.93	23.03		
5	QPSK	12	0	22.29	22.28	22.11	22.01	21.98	22.8	1
5	QPSK	12	7	22.19	22.24	22.12	21.86	21.92		
5	QPSK	12	13	22.25	22.19	22.11	21.95	21.88		
5	QPSK	25	0	22.29	22.31	22.21	21.98	21.92		
5	16QAM	1	0	22.46	22.54	22.26	22.23	22.14	22.8	1
5	16QAM	1	12	22.48	22.49	22.33	22.12	22.24		
5	16QAM	1	24	22.39	22.44	22.30	22.22	22.12		
5	16QAM	12	0	21.47	21.28	21.24	21.04	21.06	21.8	2
5	16QAM	12	7	21.24	21.30	21.15	20.95	20.94		
5	16QAM	12	13	21.38	21.30	21.23	21.01	20.94		
5	16QAM	25	0	20.97	21.02	20.92	20.78	20.75		
5	64QAM	1	0	21.33	21.31	21.16	21.01	20.94	21.8	2
5	64QAM	1	12	21.20	21.36	21.24	20.97	21.06		
5	64QAM	1	24	21.10	21.03	20.90	20.76	20.66		
5	64QAM	12	0	20.40	20.26	20.09	19.97	19.88	20.8	3
5	64QAM	12	7	20.15	20.24	20.18	20.01	20.01		
5	64QAM	12	13	20.31	20.15	20.22	19.97	20.05		
5	64QAM	25	0	20.27	20.21	20.08	20.06	19.79		

Reduced Power Mode for ECI8

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	30.13	30.51	30.46	**31.30**	21.13	21.51	21.46	**22.30**
GPRS 1 Tx slot	30.18	30.57	30.51	**31.30**	21.18	21.57	21.51	**22.30**
GPRS 2 Tx slots	27.19	27.59	27.50	**28.30**	21.19	21.59	21.50	**22.30**
GPRS 3 Tx slots	25.42	25.85	25.74	**26.30**	21.16	21.59	21.48	**22.04**
GPRS 4 Tx slots	25.15	24.55	24.42	**25.30**	22.15	21.55	21.42	**22.30**
EDGE(GMSK 1 Tx slot)	30.14	30.47	30.36	**31.30**	21.14	21.47	21.36	**22.30**
EDGE(GMSK 2 Tx slot)	27.09	27.54	27.42	**28.30**	21.09	21.54	21.42	**22.30**
EDGE(GMSK 3 Tx slot)	25.36	25.70	25.70	**26.30**	21.10	21.44	21.44	**22.04**
EDGE(GMSK 4 Tx slot)	25.14	24.47	24.32	**25.30**	22.14	21.47	21.32	**22.30**
EDGE 1 Tx slot	26.05	26.41	26.60	**27.80**	17.05	17.41	17.60	**18.80**
EDGE 2 Tx slots	23.87	23.94	24.08	**25.80**	17.87	17.94	18.08	**19.80**
EDGE 3 Tx slots	22.01	22.23	22.31	**23.30**	17.75	17.97	18.05	**19.04**
EDGE 4 Tx slots	21.26	21.54	21.63	**22.80**	18.26	18.54	18.63	**19.80**

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	30.08	30.33	30.22	**31.80**	21.08	21.33	21.22	**22.80**
GPRS 1 Tx slot	30.22	30.42	30.28	**31.80**	21.22	21.42	21.28	**22.80**
GPRS 2 Tx slots	27.41	27.63	27.46	**28.80**	21.41	21.63	21.46	**22.80**
GPRS 3 Tx slots	25.76	25.97	25.77	**26.80**	21.50	21.71	21.51	**22.54**
GPRS 4 Tx slots	24.53	24.72	24.53	**25.80**	21.53	21.72	21.53	**22.80**
EDGE(GMSK 1 Tx slot)	30.20	30.32	30.21	**31.80**	21.20	21.32	21.21	**22.80**
EDGE(GMSK 2 Tx slot)	27.40	27.52	27.32	**28.80**	21.40	21.52	21.32	**22.80**
EDGE(GMSK 3 Tx slot)	25.70	25.89	25.66	**26.80**	21.44	21.63	21.40	**22.54**
EDGE(GMSK 4 Tx slot)	24.38	24.63	24.45	**25.80**	21.38	21.63	21.45	**22.80**
EDGE 1 Tx slot	24.98	25.01	25.10	**26.80**	15.98	16.01	16.10	**17.80**
EDGE 2 Tx slots	22.80	22.80	22.95	**24.80**	16.80	16.80	16.95	**18.80**
EDGE 3 Tx slots	20.97	20.89	20.94	**22.30**	16.71	16.63	16.68	**18.04**
EDGE 4 Tx slots	20.14	20.20	20.23	**21.80**	17.14	17.20	17.23	**18.80**

GSM1900_Ant 4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.45	28.84	28.76	**29.80**	19.45	19.84	19.76	**20.80**
GPRS 1 Tx slot	28.57	28.88	28.80	**29.80**	19.57	19.88	19.80	**20.80**
GPRS 2 Tx slots	25.89	26.10	26.02	**26.80**	19.89	20.10	20.02	**20.80**
GPRS 3 Tx slots	24.07	24.39	24.31	**25.00**	19.81	20.13	20.05	**20.74**
GPRS 4 Tx slots	22.88	23.12	23.06	**23.80**	19.88	20.12	20.06	**20.80**
EDGE(GMSK 1 Tx slot)	28.42	28.82	28.72	**29.80**	19.42	19.82	19.72	**20.80**
EDGE(GMSK 2 Tx slot)	25.82	26.05	25.91	**26.80**	19.82	20.05	19.91	**20.80**
EDGE(GMSK 3 Tx slot)	23.98	24.35	24.23	**25.00**	19.72	20.09	19.97	**20.74**
EDGE(GMSK 4 Tx slot)	22.78	23.01	22.99	**23.80**	19.78	20.01	19.99	**20.80**
EDGE 1 Tx slot	25.61	25.75	25.71	**26.80**	16.61	16.75	16.71	**17.80**
EDGE 2 Tx slots	22.45	22.56	22.47	**23.80**	16.45	16.56	16.47	**17.80**
EDGE 3 Tx slots	20.95	20.97	20.85	**22.30**	16.69	16.71	16.59	**18.04**
EDGE 4 Tx slots	20.06	20.10	19.99	**21.80**	17.06	17.10	16.99	**18.80**

GSM1900_Ant 3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.47	29.78	29.68	**30.80**	20.47	20.78	20.68	**21.80**
GPRS 1 Tx slot	29.46	29.73	29.67	**30.80**	20.46	20.73	20.67	**21.80**
GPRS 2 Tx slots	27.11	27.35	27.29	**28.80**	21.11	21.35	21.29	**22.80**
GPRS 3 Tx slots	25.34	25.56	25.52	**26.80**	21.08	21.30	21.26	**22.54**
GPRS 4 Tx slots	24.01	24.26	24.18	**25.30**	21.01	21.26	21.18	**22.30**
EDGE(GMSK 1 Tx slot)	29.44	29.58	29.59	**30.80**	20.44	20.58	20.59	**21.80**
EDGE(GMSK 2 Tx slot)	27.04	27.28	27.18	**28.80**	21.04	21.28	21.18	**22.80**
EDGE(GMSK 3 Tx slot)	25.23	25.54	25.48	**26.80**	20.97	21.28	21.22	**22.54**
EDGE(GMSK 4 Tx slot)	23.88	24.12	24.10	**25.30**	20.88	21.12	21.10	**22.30**
EDGE 1 Tx slot	25.60	25.82	25.65	**27.30**	16.60	16.82	16.65	**18.30**
EDGE 2 Tx slots	22.80	22.91	22.80	**24.80**	16.80	16.91	16.80	**18.80**
EDGE 3 Tx slots	20.96	21.22	20.97	**22.80**	16.70	16.96	16.71	**18.54**
EDGE 4 Tx slots	20.35	20.39	20.30	**22.30**	17.35	17.39	17.30	**19.30**

Band		WCDMA II_Ant 4			Tune-up Limit (dBm)	WCDMA II_Ant 3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	19.96	19.84	19.89	**20.80**	21.15	21.15	21.20	**21.80**
3GPP Rel 99	RMC 12.2Kbps	19.99	20.04	19.92	**20.80**	21.24	21.26	21.22	**21.80**
3GPP Rel 6	HSDPA Subtest-1	19.96	19.97	19.98	**20.80**	21.21	21.19	21.23	**21.80**
3GPP Rel 6	HSDPA Subtest-2	20.01	19.96	19.97	**20.80**	21.21	21.16	21.21	**21.80**
3GPP Rel 6	HSDPA Subtest-3	19.93	19.98	19.98	**20.80**	21.16	21.18	21.18	**21.80**
3GPP Rel 6	HSDPA Subtest-4	19.99	20.00	20.02	**20.80**	21.23	21.19	21.25	**21.80**
3GPP Rel 8	DC-HSDPA Subtest-1	19.83	19.96	19.89	**20.80**	21.19	21.17	21.11	**21.80**
3GPP Rel 8	DC-HSDPA Subtest-2	19.90	19.81	19.95	**20.80**	21.19	21.25	21.12	**21.80**
3GPP Rel 8	DC-HSDPA Subtest-3	20.00	19.86	20.00	**20.80**	21.19	21.18	21.23	**21.80**
3GPP Rel 8	DC-HSDPA Subtest-4	19.93	19.88	19.93	**20.80**	21.13	21.21	21.14	**21.80**
3GPP Rel 6	HSUPA Subtest-1	19.98	20.00	19.92	**20.80**	21.09	21.11	21.05	**21.80**
3GPP Rel 6	HSUPA Subtest-2	19.94	20.01	20.02	**20.80**	21.07	21.12	21.02	**21.80**
3GPP Rel 6	HSUPA Subtest-3	19.94	20.01	19.97	**20.80**	21.24	21.17	21.16	**21.80**
3GPP Rel 6	HSUPA Subtest-4	20.01	19.93	19.94	**20.80**	20.62	20.65	20.63	**21.80**
3GPP Rel 6	HSUPA Subtest-5	20.00	20.00	20.00	**20.80**	21.23	21.20	21.20	**21.80**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.91	19.84	19.85	**20.80**	21.00	21.07	20.95	**21.80**

Band		WCDMA IV_Ant 4			Tune-up Limit (dBm)	WCDMA IV_Ant 3			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.52	20.47	20.43	**20.80**	21.51	21.55	21.59	**21.80**
3GPP Rel 99	RMC 12.2Kbps	20.53	20.55	20.47	**20.80**	21.56	21.64	21.61	**21.80**
3GPP Rel 6	HSDPA Subtest-1	20.39	20.37	20.33	**20.80**	21.62	21.63	21.59	**21.80**
3GPP Rel 6	HSDPA Subtest-2	20.40	20.38	20.34	**20.80**	21.60	21.56	21.62	**21.80**
3GPP Rel 6	HSDPA Subtest-3	20.41	20.44	20.37	**20.80**	21.57	21.57	21.55	**21.80**
3GPP Rel 6	HSDPA Subtest-4	20.39	20.38	20.33	**20.80**	21.60	21.56	21.63	**21.80**
3GPP Rel 8	DC-HSDPA Subtest-1	20.34	20.25	20.22	**20.80**	21.51	21.48	21.57	**21.80**
3GPP Rel 8	DC-HSDPA Subtest-2	20.26	20.28	20.22	**20.80**	21.54	21.51	21.50	**21.80**
3GPP Rel 8	DC-HSDPA Subtest-3	20.31	20.41	20.30	**20.80**	21.48	21.61	21.52	**21.80**
3GPP Rel 8	DC-HSDPA Subtest-4	20.25	20.30	20.23	**20.80**	21.53	21.52	21.61	**21.80**
3GPP Rel 6	HSUPA Subtest-1	20.37	20.35	20.28	**20.80**	21.34	21.46	21.38	**21.80**
3GPP Rel 6	HSUPA Subtest-2	20.45	20.43	20.35	**20.80**	21.42	21.50	21.41	**21.80**
3GPP Rel 6	HSUPA Subtest-3	20.43	20.40	20.32	**20.80**	21.58	21.56	21.60	**21.80**
3GPP Rel 6	HSUPA Subtest-4	20.39	20.42	20.37	**20.80**	20.90	20.94	20.93	**21.80**
3GPP Rel 6	HSUPA Subtest-5	20.40	20.40	20.30	**20.80**	21.60	21.60	21.60	**21.80**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.40	20.37	20.28	**20.80**	21.34	21.49	21.28	**21.80**

Band		WCDMA V_Ant 1			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.23	21.35	21.28	**22.30**	21.81	21.84	21.86	**22.80**
3GPP Rel 99	RMC 12.2Kbps	21.31	21.38	21.34	**22.30**	21.84	21.92	21.89	**22.80**
3GPP Rel 6	HSDPA Subtest-1	21.26	21.28	21.33	**22.30**	21.87	21.89	21.88	**22.80**
3GPP Rel 6	HSDPA Subtest-2	21.24	21.26	21.30	**22.30**	21.73	21.83	21.83	**22.80**
3GPP Rel 6	HSDPA Subtest-3	21.29	21.29	21.28	**22.30**	21.42	21.53	21.38	**22.30**
3GPP Rel 6	HSDPA Subtest-4	21.21	21.30	21.34	**22.30**	21.33	21.36	21.52	**22.30**
3GPP Rel 8	DC-HSDPA Subtest-1	21.17	21.27	21.23	**22.30**	21.76	21.90	21.85	**22.80**
3GPP Rel 8	DC-HSDPA Subtest-2	21.23	21.14	21.23	**22.30**	21.70	21.87	21.89	**22.80**
3GPP Rel 8	DC-HSDPA Subtest-3	21.18	21.20	21.21	**22.30**	21.27	21.36	21.31	**22.30**
3GPP Rel 8	DC-HSDPA Subtest-4	21.19	21.15	21.31	**22.30**	21.26	21.43	21.35	**22.30**
3GPP Rel 6	HSUPA Subtest-1	20.97	20.98	20.98	**21.80**	19.79	19.91	19.94	**20.80**
3GPP Rel 6	HSUPA Subtest-2	21.01	21.01	21.02	**21.80**	19.85	20.00	19.88	**20.80**
3GPP Rel 6	HSUPA Subtest-3	21.23	21.28	21.34	**22.30**	20.81	20.96	20.84	**21.80**
3GPP Rel 6	HSUPA Subtest-4	20.52	20.55	20.49	**21.80**	19.41	19.42	19.34	**20.80**
3GPP Rel 6	HSUPA Subtest-5	21.20	21.30	21.30	**22.30**	21.39	20.97	20.82	**21.80**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.89	20.98	20.90	**22.80**	20.02	19.91	19.95	**21.80**

Band 2_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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.46	20.52	20.51		
20	QPSK	1	49	20.34	20.42	20.43	21.3	0
20	QPSK	1	99	20.37	20.44	20.45		
20	QPSK	50	0	20.45	20.48	20.44		
20	QPSK	50	24	20.36	20.47	20.42	21.3	0
20	QPSK	50	50	20.35	20.37	20.36		
20	QPSK	100	0	20.37	20.41	20.36		
20	16QAM	1	0	20.33	20.50	20.50		
20	16QAM	1	49	20.37	20.51	20.48	21.3	0
20	16QAM	1	99	20.45	20.49	20.50		
20	16QAM	50	0	20.36	20.46	20.36		
20	16QAM	50	24	20.39	20.46	20.46	21.3	0
20	16QAM	50	50	20.34	20.47	20.47		
20	16QAM	100	0	20.40	20.41	20.49		
20	64QAM	1	0	20.40	20.45	20.41		
20	64QAM	1	49	20.37	20.49	20.49	21.3	0
20	64QAM	1	99	20.36	20.42	20.43		
20	64QAM	50	0	19.90	20.11	19.93		
20	64QAM	50	24	19.83	19.97	20.02	20.8	0.5
20	64QAM	50	50	19.83	19.99	19.87		
20	64QAM	100	0	20.04	20.05	19.89		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.45	20.39	20.41		
15	QPSK	1	37	20.32	20.36	20.35	21.3	0
15	QPSK	1	74	20.22	20.30	20.32		
15	QPSK	36	0	20.40	20.42	20.35		
15	QPSK	36	20	20.29	20.46	20.30	21.3	0
15	QPSK	36	39	20.22	20.32	20.33		
15	QPSK	75	0	20.23	20.28	20.22		
15	16QAM	1	0	20.24	20.45	20.38		
15	16QAM	1	37	20.31	20.50	20.47	21.3	0
15	16QAM	1	74	20.43	20.43	20.46		
15	16QAM	36	0	20.35	20.39	20.24		
15	16QAM	36	20	20.26	20.43	20.32	21.3	0
15	16QAM	36	39	20.25	20.33	20.37		
15	16QAM	75	0	20.28	20.35	20.47		
15	64QAM	1	0	20.33	20.38	20.32		
15	64QAM	1	37	20.32	20.45	20.42	21.3	0
15	64QAM	1	74	20.23	20.28	20.42		
15	64QAM	36	0	19.86	20.03	19.79		
15	64QAM	36	20	19.72	19.83	19.96	20.8	0.5
15	64QAM	36	39	19.68	19.85	19.81		
15	64QAM	75	0	19.96	19.92	19.78		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.42	20.42	20.48		
10	QPSK	1	25	20.22	20.28	20.41	21.3	0
10	QPSK	1	49	20.23	20.31	20.32		
10	QPSK	25	0	20.35	20.39	20.33		
10	QPSK	25	12	20.26	20.44	20.40	21.3	0
10	QPSK	25	25	20.30	20.27	20.26		
10	QPSK	50	0	20.25	20.30	20.26		
10	16QAM	1	0	20.25	20.37	20.41		
10	16QAM	1	25	20.36	20.45	20.36	21.3	0
10	16QAM	1	49	20.38	20.41	20.48		
10	16QAM	25	0	20.22	20.45	20.32		
10	16QAM	25	12	20.35	20.33	20.44	21.3	0
10	16QAM	25	25	20.32	20.32	20.41		
10	16QAM	50	0	20.34	20.31	20.34		
10	64QAM	1	0	20.29	20.33	20.32		
10	64QAM	1	25	20.36	20.36	20.46	21.3	0
10	64QAM	1	49	20.24	20.32	20.30		
10	64QAM	25	0	19.89	20.06	19.90		
10	64QAM	25	12	19.81	19.86	19.87	20.8	0.5
10	64QAM	25	25	19.73	19.86	19.84		
10	64QAM	50	0	19.97	19.99	19.88		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.38	20.44	20.41		
5	QPSK	1	12	20.27	20.30	20.41	21.3	0
5	QPSK	1	24	20.26	20.29	20.37		
5	QPSK	12	0	20.44	20.40	20.36		
5	QPSK	12	7	20.29	20.40	20.29	21.3	0
5	QPSK	12	13	20.24	20.30	20.25		
5	QPSK	25	0	20.32	20.35	20.35		
5	16QAM	1	0	20.21	20.42	20.42		
5	16QAM	1	12	20.26	20.45	20.44	21.3	0
5	16QAM	1	24	20.41	20.46	20.39		
5	16QAM	12	0	20.33	20.41	20.31		
5	16QAM	12	7	20.25	20.45	20.40	21.3	0
5	16QAM	12	13	20.24	20.32	20.44		
5	16QAM	25	0	20.31	20.35	20.34		
5	64QAM	1	0	20.38	20.42	20.32		
5	64QAM	1	12	20.35	20.35	20.40	21.3	0
5	64QAM	1	24	20.27	20.31	20.28		
5	64QAM	12	0	19.82	20.10	19.85		
5	64QAM	12	7	19.70	19.93	20.00	20.8	0.5
5	64QAM	12	13	19.78	19.93	19.82		
5	64QAM	25	0	19.92	19.90	19.84		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.39	20.49	20.40		
3	QPSK	1	8	20.32	20.27	20.29	21.3	0
3	QPSK	1	14	20.32	20.36	20.34		
3	QPSK	8	0	20.41	20.40	20.32		
3	QPSK	8	4	20.27	20.34	20.38	21.3	0
3	QPSK	8	7	20.32	20.22	20.22		
3	QPSK	15	0	20.26	20.30	20.22		
3	16QAM	1	0	20.32	20.39	20.49		
3	16QAM	1	8	20.34	20.50	20.43	21.3	0
3	16QAM	1	14	20.43	20.41	20.39		
3	16QAM	8	0	20.25	20.33	20.31		
3	16QAM	8	4	20.27	20.32	20.37	21.3	0
3	16QAM	8	7	20.19	20.43	20.38		
3	16QAM	15	0	20.27	20.28	20.48		
3	64QAM	1	0	20.29	20.30	20.30		
3	64QAM	1	8	20.27	20.35	20.37	21.3	0
3	64QAM	1	14	20.30	20.29	20.29		
3	64QAM	8	0	19.82	20.04	19.89		
3	64QAM	8	4	19.74	19.88	19.95	20.8	0.5
3	64QAM	8	7	19.68	19.87	19.82		
3	64QAM	15	0	20.00	19.97	19.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.38	20.37	20.46		
1.4	QPSK	1	3	20.23	20.31	20.35		
1.4	QPSK	1	5	20.27	20.42	20.40	21.3	0
1.4	QPSK	3	0	20.35	20.41	20.36		
1.4	QPSK	3	1	20.31	20.35	20.40		
1.4	QPSK	3	3	20.31	20.26	20.31		
1.4	QPSK	6	0	20.26	20.34	20.33	21.3	0
1.4	16QAM	1	0	20.19	20.48	20.40		
1.4	16QAM	1	3	20.35	20.39	20.41		
1.4	16QAM	1	5	20.43	20.38	20.49	21.3	0
1.4	16QAM	3	0	20.32	20.34	20.26		
1.4	16QAM	3	1	20.35	20.35	20.33		
1.4	16QAM	3	3	20.22	20.34	20.40		
1.4	16QAM	6	0	20.36	20.37	20.40	21.3	0
1.4	64QAM	1	0	20.26	20.38	20.36		
1.4	64QAM	1	3	20.33	20.48	20.43		
1.4	64QAM	1	5	20.26	20.31	20.41	21.3	0
1.4	64QAM	3	0	20.17	20.26	20.33		
1.4	64QAM	3	1	20.25	20.40	20.36		
1.4	64QAM	3	3	20.12	20.24	20.31		
1.4	64QAM	6	0	19.95	19.92	19.74	20.8	0.5

Band 2_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.97	21.99	21.98		
20	QPSK	1	49	21.87	21.87	21.85	22.3	0
20	QPSK	1	99	21.83	21.97	21.94		
20	QPSK	50	0	21.90	21.93	21.88		
20	QPSK	50	24	21.85	21.90	21.83	22.3	0
20	QPSK	50	50	21.83	21.88	21.84		
20	QPSK	100	0	21.83	21.85	21.83		
20	16QAM	1	0	21.92	21.84	21.93		
20	16QAM	1	49	21.94	21.97	21.85	22.3	0
20	16QAM	1	99	21.89	21.98	21.88		
20	16QAM	50	0	21.17	21.16	21.22		
20	16QAM	50	24	21.17	21.17	21.16	21.8	0.5
20	16QAM	50	50	21.05	21.27	21.25		
20	16QAM	100	0	21.10	21.13	21.13		
20	64QAM	1	0	21.23	21.37	21.22		
20	64QAM	1	49	21.48	21.42	21.29	21.8	0.5
20	64QAM	1	99	21.11	21.23	21.29		
20	64QAM	50	0	20.17	20.22	20.13		
20	64QAM	50	24	20.07	20.14	20.00	20.8	1.5
20	64QAM	50	50	20.14	20.18	20.15		
20	64QAM	100	0	20.12	20.19	20.03		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.94	21.88	21.86		
15	QPSK	1	37	21.72	21.86	21.72	22.3	0
15	QPSK	1	74	21.75	21.94	21.83		
15	QPSK	36	0	21.75	21.87	21.85		
15	QPSK	36	20	21.78	21.78	21.76	22.3	0
15	QPSK	36	39	21.74	21.80	21.72		
15	QPSK	75	0	21.81	21.73	21.72		
15	16QAM	1	0	21.83	21.73	21.83		
15	16QAM	1	37	21.82	21.87	21.76	22.3	0
15	16QAM	1	74	21.86	21.93	21.80		
15	16QAM	36	0	21.12	21.12	21.10		
15	16QAM	36	20	21.10	21.04	21.04	21.8	0.5
15	16QAM	36	39	21.04	21.15	21.24		
15	16QAM	75	0	20.97	21.12	21.03		
15	64QAM	1	0	21.17	21.26	21.13		
15	64QAM	1	37	21.44	21.32	21.27	21.8	0.5
15	64QAM	1	74	21.08	21.16	21.18		
15	64QAM	36	0	20.03	20.19	20.07		
15	64QAM	36	20	20.00	20.10	19.95	20.8	1.5
15	64QAM	36	39	20.02	20.07	20.00		
15	64QAM	75	0	20.11	20.08	19.95		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.93	21.92	21.83		
10	QPSK	1	25	21.84	21.74	21.71	22.3	0
10	QPSK	1	49	21.80	21.89	21.85		
10	QPSK	25	0	21.83	21.87	21.75		
10	QPSK	25	12	21.72	21.76	21.68	22.3	0
10	QPSK	25	25	21.68	21.76	21.78		
10	QPSK	50	0	21.77	21.78	21.79		
10	16QAM	1	0	21.87	21.74	21.92		
10	16QAM	1	25	21.89	21.95	21.78	22.3	0
10	16QAM	1	49	21.82	21.97	21.83		
10	16QAM	25	0	21.11	21.06	21.12		
10	16QAM	25	12	21.13	21.02	21.06	21.8	0.5
10	16QAM	25	25	20.95	21.17	21.17		
10	16QAM	50	0	21.02	21.03	21.02		
10	64QAM	1	0	21.09	21.35	21.15		
10	64QAM	1	25	21.34	21.27	21.27	21.8	0.5
10	64QAM	1	49	20.98	21.18	21.28		
10	64QAM	25	0	20.04	20.14	20.01		
10	64QAM	25	12	20.06	20.03	19.90	20.8	1.5
10	64QAM	25	25	19.99	20.04	20.07		
10	64QAM	50	0	20.09	20.13	19.88		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.92	21.86	21.85		
5	QPSK	1	12	21.83	21.76	21.71	22.3	0
5	QPSK	1	24	21.69	21.88	21.87		
5	QPSK	12	0	21.79	21.92	21.80		
5	QPSK	12	7	21.82	21.87	21.79	22.3	0
5	QPSK	12	13	21.82	21.78	21.74		
5	QPSK	25	0	21.72	21.74	21.69		
5	16QAM	1	0	21.91	21.77	21.92		
5	16QAM	1	12	21.85	21.94	21.78	22.3	0
5	16QAM	1	24	21.81	21.84	21.79		
5	16QAM	12	0	21.05	21.12	21.19		
5	16QAM	12	7	21.10	21.10	21.10	21.8	0.5
5	16QAM	12	13	21.00	21.26	21.23		
5	16QAM	25	0	21.01	21.05	21.00		
5	64QAM	1	0	21.12	21.30	21.09		
5	64QAM	1	12	21.42	21.37	21.20	21.8	0.5
5	64QAM	1	24	21.07	21.13	21.14		
5	64QAM	12	0	20.09	20.20	20.08		
5	64QAM	12	7	19.95	20.11	19.99	20.8	1.5
5	64QAM	12	13	20.03	20.10	20.04		
5	64QAM	25	0	20.02	20.13	20.02		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.88	21.94	21.88		
3	QPSK	1	8	21.74	21.73	21.75	22.3	0
3	QPSK	1	14	21.79	21.95	21.85		
3	QPSK	8	0	21.83	21.81	21.80		
3	QPSK	8	4	21.76	21.84	21.75	22.3	0
3	QPSK	8	7	21.81	21.73	21.81		
3	QPSK	15	0	21.81	21.84	21.79		
3	16QAM	1	0	21.86	21.72	21.92		
3	16QAM	1	8	21.92	21.89	21.75	22.3	0
3	16QAM	1	14	21.79	21.92	21.86		
3	16QAM	8	0	21.13	21.04	21.17		
3	16QAM	8	4	21.11	21.11	21.11	21.8	0.5
3	16QAM	8	7	21.01	21.16	21.23		
3	16QAM	15	0	21.00	21.02	20.99		
3	64QAM	1	0	21.09	21.25	21.14		
3	64QAM	1	8	21.46	21.34	21.22	21.8	0.5
3	64QAM	1	14	21.10	21.08	21.27		
3	64QAM	8	0	20.06	20.17	20.11		
3	64QAM	8	4	20.03	20.06	19.87	20.8	1.5
3	64QAM	8	7	20.02	20.10	20.01		
3	64QAM	15	0	20.11	20.06	19.92		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.86	21.94	21.96		
1.4	QPSK	1	3	21.80	21.80	21.83		
1.4	QPSK	1	5	21.69	21.95	21.83	22.3	0
1.4	QPSK	3	0	21.89	21.81	21.80		
1.4	QPSK	3	1	21.71	21.88	21.75		
1.4	QPSK	3	3	21.71	21.73	21.79		
1.4	QPSK	6	0	21.72	21.76	21.71	22.3	0
1.4	16QAM	1	0	21.82	21.81	21.84		
1.4	16QAM	1	3	21.91	21.91	21.70		
1.4	16QAM	1	5	21.80	21.94	21.78	22.3	0
1.4	16QAM	3	0	21.73	21.69	21.73		
1.4	16QAM	3	1	21.84	21.90	21.60		
1.4	16QAM	3	3	21.76	21.87	21.65		
1.4	16QAM	6	0	21.06	21.11	20.99	21.8	0.5
1.4	64QAM	1	0	21.11	21.24	21.14		
1.4	64QAM	1	3	21.33	21.38	21.18		
1.4	64QAM	1	5	21.00	21.09	21.17	21.8	0.5
1.4	64QAM	3	0	20.98	21.11	21.00		
1.4	64QAM	3	1	21.18	21.31	21.13		
1.4	64QAM	3	3	20.97	21.01	21.09		
1.4	64QAM	6	0	20.11	20.06	19.93	20.8	1.5

Band 2_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.10	20.11	20.06		
20	QPSK	1	49	20.00	20.07	19.95	20.3	0
20	QPSK	1	99	19.91	20.01	19.95		
20	QPSK	50	0	20.09	20.10	20.04		
20	QPSK	50	24	20.08	20.02	20.01	20.3	0
20	QPSK	50	50	20.06	20.04	19.96		
20	QPSK	100	0	20.02	20.03	19.95		
20	16QAM	1	0	20.08	20.09	20.02		
20	16QAM	1	49	20.07	20.10	20.03	20.3	0
20	16QAM	1	99	20.02	20.01	20.07		
20	16QAM	50	0	19.38	19.34	19.30		
20	16QAM	50	24	19.61	19.65	19.48	19.8	0.5
20	16QAM	50	50	19.40	19.47	19.33		
20	16QAM	100	0	19.35	19.61	19.41		
20	64QAM	1	0	19.49	19.53	19.48		
20	64QAM	1	49	19.41	19.58	19.39	19.8	0.5
20	64QAM	1	99	19.49	19.61	19.40		
20	64QAM	50	0	18.28	18.45	18.30		
20	64QAM	50	24	18.64	18.61	18.45	18.8	1.5
20	64QAM	50	50	18.47	18.47	18.49		
20	64QAM	100	0	18.37	18.61	18.35		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.06	20.07	19.93		
15	QPSK	1	37	19.87	20.06	19.87	20.3	0
15	QPSK	1	74	19.88	19.92	19.90		
15	QPSK	36	0	20.07	20.02	19.99		
15	QPSK	36	20	20.04	19.93	19.88	20.3	0
15	QPSK	36	39	19.94	19.98	19.82		
15	QPSK	75	0	19.99	20.00	19.92		
15	16QAM	1	0	19.95	20.06	19.95		
15	16QAM	1	37	19.96	20.06	19.98	20.3	0
15	16QAM	1	74	20.09	20.01	19.93		
15	16QAM	36	0	19.29	19.25	19.21		
15	16QAM	36	20	19.56	19.52	19.41	19.8	0.5
15	16QAM	36	39	19.39	19.35	19.26		
15	16QAM	75	0	19.30	19.46	19.31		
15	64QAM	1	0	19.44	19.41	19.45		
15	64QAM	1	37	19.34	19.52	19.25	19.8	0.5
15	64QAM	1	74	19.44	19.46	19.25		
15	64QAM	36	0	18.20	18.39	18.25		
15	64QAM	36	20	18.51	18.59	18.30	18.8	1.5
15	64QAM	36	39	18.37	18.38	18.48		
15	64QAM	75	0	18.34	18.52	18.34		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.99	19.99	19.95		
10	QPSK	1	25	19.88	20.03	19.84	20.3	0
10	QPSK	1	49	19.90	20.00	19.81		
10	QPSK	25	0	20.02	20.02	19.97		
10	QPSK	25	12	19.93	19.92	19.94	20.3	0
10	QPSK	25	25	20.00	20.00	19.83		
10	QPSK	50	0	19.94	19.92	19.93		
10	16QAM	1	0	19.99	20.07	19.98		
10	16QAM	1	25	20.01	19.99	20.01	20.3	0
10	16QAM	1	49	20.02	20.07	20.01		
10	16QAM	25	0	19.32	19.22	19.24		
10	16QAM	25	12	19.46	19.60	19.42	19.8	0.5
10	16QAM	25	25	19.25	19.34	19.27		
10	16QAM	50	0	19.23	19.53	19.32		
10	64QAM	1	0	19.35	19.40	19.41		
10	64QAM	1	25	19.29	19.57	19.29	19.8	0.5
10	64QAM	1	49	19.47	19.50	19.26		
10	64QAM	25	0	18.26	18.35	18.23		
10	64QAM	25	12	18.54	18.56	18.39	18.8	1.5
10	64QAM	25	25	18.44	18.46	18.35		
10	64QAM	50	0	18.30	18.59	18.32		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.98	20.06	19.91		
5	QPSK	1	12	19.92	20.05	19.87	20.3	0
5	QPSK	1	24	19.81	19.96	19.87		
5	QPSK	12	0	19.94	20.06	20.00		
5	QPSK	12	7	20.02	19.94	19.88	20.3	0
5	QPSK	12	13	19.99	20.01	19.83		
5	QPSK	25	0	19.90	19.92	19.92		
5	16QAM	1	0	20.03	20.04	19.87		
5	16QAM	1	12	19.95	20.04	19.98	20.3	0
5	16QAM	1	24	20.01	20.02	19.97		
5	16QAM	12	0	19.26	19.30	19.18		
5	16QAM	12	7	19.57	19.58	19.43	19.8	0.5
5	16QAM	12	13	19.38	19.32	19.22		
5	16QAM	25	0	19.26	19.51	19.34		
5	64QAM	1	0	19.36	19.47	19.37		
5	64QAM	1	12	19.27	19.49	19.24	19.8	0.5
5	64QAM	1	24	19.41	19.54	19.38		
5	64QAM	12	0	18.25	18.32	18.28		
5	64QAM	12	7	18.52	18.48	18.40	18.8	1.5
5	64QAM	12	13	18.38	18.33	18.46		
5	64QAM	25	0	18.29	18.58	18.26		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.96	19.98	19.93		

Band 4_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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.12	20.16	20.09		
20	QPSK	1	49	19.99	20.11	19.94	21	0
20	QPSK	1	99	20.01	20.06	19.96		
20	QPSK	50	0	20.01	20.08	20.02		
20	QPSK	50	24	20.00	20.05	19.97	21	0
20	QPSK	50	50	19.97	20.04	19.95		
20	QPSK	100	0	19.98	20.04	19.96		
20	16QAM	1	0	20.03	20.07	20.08		
20	16QAM	1	49	20.00	20.08	20.07	21	0
20	16QAM	1	99	20.01	20.07	20.04		
20	16QAM	50	0	19.99	20.15	20.08		
20	16QAM	50	24	20.05	20.02	19.94	21	0
20	16QAM	50	50	20.07	20.05	19.94		
20	16QAM	100	0	20.04	20.02	20.01		
20	64QAM	1	0	19.97	20.10	19.97		
20	64QAM	1	49	19.99	20.12	19.97	21	0
20	64QAM	1	99	20.07	20.12	19.95		
20	64QAM	50	0	19.98	20.06	20.02		
20	64QAM	50	24	20.04	20.04	19.97	21	0
20	64QAM	50	50	20.04	20.02	19.98		
20	64QAM	100	0	19.99	20.12	19.95		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.10	20.08	19.96		
15	QPSK	1	37	19.87	20.02	19.89	21	0
15	QPSK	1	74	19.95	19.91	19.82		
15	QPSK	36	0	19.90	20.05	19.91		
15	QPSK	36	20	19.85	19.96	19.84	21	0
15	QPSK	36	39	19.92	19.92	19.85		
15	QPSK	75	0	19.86	19.96	19.89		
15	16QAM	1	0	19.91	19.94	20.05		
15	16QAM	1	37	19.93	19.95	20.02	21	0
15	16QAM	1	74	19.94	20.03	19.90		
15	16QAM	36	0	19.84	20.05	19.95		
15	16QAM	36	20	19.99	19.92	19.87	21	0
15	16QAM	36	39	19.92	19.95	19.92		
15	16QAM	75	0	19.99	19.94	19.94		
15	64QAM	1	0	19.85	20.02	19.87		
15	64QAM	1	37	19.98	19.99	19.95	21	0
15	64QAM	1	74	19.96	20.06	19.86		
15	64QAM	36	0	19.97	19.98	19.94		
15	64QAM	36	20	19.92	20.03	19.84	21	0
15	64QAM	36	39	19.89	19.99	19.97		
15	64QAM	75	0	19.88	20.03	19.93		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.97	20.02	19.95		
10	QPSK	1	25	19.87	20.08	19.86	21	0
10	QPSK	1	49	20.00	19.95	19.92		
10	QPSK	25	0	19.86	19.99	19.89		
10	QPSK	25	12	19.86	19.92	19.91	21	0
10	QPSK	25	25	19.95	20.01	19.88		
10	QPSK	50	0	19.88	20.02	19.90		
10	16QAM	1	0	19.90	20.06	20.03		
10	16QAM	1	25	19.86	19.95	19.94	21	0
10	16QAM	1	49	19.94	19.92	19.95		
10	16QAM	25	0	19.91	20.00	19.93		
10	16QAM	25	12	19.98	19.90	19.84	21	0
10	16QAM	25	25	19.97	20.04	19.93		
10	16QAM	50	0	19.90	19.88	19.92		
10	64QAM	1	0	19.82	19.97	19.93		
10	64QAM	1	25	19.97	20.10	19.85	21	0
10	64QAM	1	49	19.92	20.06	19.88		
10	64QAM	25	0	19.97	20.00	19.94		
10	64QAM	25	12	19.90	20.01	19.90	21	0
10	64QAM	25	25	19.95	19.92	19.96		
10	64QAM	50	0	19.96	20.06	19.81		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.98	20.04	19.95		
5	QPSK	1	12	19.98	19.96	19.93	21	0
5	QPSK	1	24	19.90	19.99	19.86		
5	QPSK	12	0	19.96	20.01	19.97		
5	QPSK	12	7	19.85	19.92	19.83	21	0
5	QPSK	12	13	19.89	19.98	19.92		
5	QPSK	25	0	19.83	19.94	19.86		
5	16QAM	1	0	19.94	19.99	20.03		
5	16QAM	1	12	19.99	19.94	20.03	21	0
5	16QAM	1	24	19.98	20.00	20.02		
5	16QAM	12	0	19.88	20.10	20.04		
5	16QAM	12	7	19.91	19.88	19.93	21	0
5	16QAM	12	13	20.01	20.03	19.93		
5	16QAM	25	0	19.98	19.97	19.93		
5	64QAM	1	0	19.95	19.95	19.86		
5	64QAM	1	12	19.98	20.07	19.90	21	0
5	64QAM	1	24	20.06	20.01	19.85		
5	64QAM	12	0	19.86	20.00	19.88		
5	64QAM	12	7	20.02	19.94	19.83	21	0
5	64QAM	12	13	19.89	19.87	19.88		
5	64QAM	25	0	19.87	20.08	19.85		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.09	20.08	20.01		
3	QPSK	1	8	19.89	19.99	19.87	21	0
3	QPSK	1	14	19.95	19.96	19.87		
3	QPSK	8	0	19.96	20.07	19.99		
3	QPSK	8	4	19.96	20.01	19.90	21	0
3	QPSK	8	7	19.84	19.90	19.86		
3	QPSK	15	0	19.89	19.94	19.92		
3	16QAM	1	0	19.98	20.05	20.00		
3	16QAM	1	8	19.94	20.02	20.05	21	0
3	16QAM	1	14	19.95	20.06	19.98		
3	16QAM	8	0	19.95	20.07	20.07		
3	16QAM	8	4	19.91	19.91	19.92	21	0
3	16QAM	8	7	19.96	19.97	19.93		
3	16QAM	15	0	19.95	19.99	20.00		
3	64QAM	1	0	19.95	20.07	19.92		
3	64QAM	1	8	19.84	20.11	19.95	21	0
3	64QAM	1	14	19.98	20.02	19.80		
3	64QAM	8	0	19.88	19.95	20.00		
3	64QAM	8	4	19.93	19.89	19.87	21	0
3	64QAM	8	7	19.94	19.94	19.93		
3	64QAM	15	0	19.85	20.08	19.82		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.97	20.05	20.07		
1.4	QPSK	1	3	19.92	19.96	19.83		
1.4	QPSK	1	5	19.92	20.04	19.92	21	0
1.4	QPSK	3	0	19.93	20.01	19.97		
1.4	QPSK	3	1	19.95	20.02	19.92		
1.4	QPSK	3	3	19.95	19.98	19.85		
1.4	QPSK	6	0	19.90	20.03	19.92	21	0
1.4	16QAM	1	0	19.93	20.02	19.96		
1.4	16QAM	1	3	19.90	20.04	19.97		
1.4	16QAM	1	5	19.98	19.99	19.92	21	0
1.4	16QAM	3	0	19.89	20.12	20.06		
1.4	16QAM	3	1	19.90	19.93	19.84		
1.4	16QAM	3	3	20.04	19.98	19.79		
1.4	16QAM	6	0	19.95	19.92	19.91	21	0
1.4	64QAM	1	0	19.90	20.08	19.92		
1.4	64QAM	1	3	19.89	20.11	19.87		
1.4	64QAM	1	5	20.04	20.02	19.87	21	0
1.4	64QAM	3	0	19.95	19.96	19.89		
1.4	64QAM	3	1	20.01	20.02	19.93		
1.4	64QAM	3	3	20.02	19.89	19.89		
1.4	64QAM	6	0	19.93	20.09	19.89	21	0

Band 4_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.63	21.66	21.60		
20	QPSK	1	49	21.56	21.49	21.59	22	0
20	QPSK	1	99	21.58	21.58	21.53		
20	QPSK	50	0	21.50	21.54	21.53		
20	QPSK	50	24	21.46	21.44	21.49	22	0
20	QPSK	50	50	21.47	21.44	21.44		
20	QPSK	100	0	21.45	21.47	21.46		
20	16QAM	1	0	21.58	21.54	21.46		
20	16QAM	1	49	21.60	21.45	21.47	22	0
20	16QAM	1	99	21.50	21.46	21.48		
20	16QAM	50	0	21.56	21.45	21.48		
20	16QAM	50	24	21.51	21.50	21.53	22	0
20	16QAM	50	50	21.48	21.45	21.54		
20	16QAM	100	0	21.55	21.45	21.56		
20	64QAM	1	0	21.49	21.56	21.59		
20	64QAM	1	49	21.51	21.58	21.48	22	0
20	64QAM	1	99	21.62	21.46	21.52		
20	64QAM	50	0	21.22	21.32	21.07		
20	64QAM	50	24	21.34	21.31	21.21	22	0
20	64QAM	50	50	21.19	21.21	21.22		
20	64QAM	100	0	21.29	21.27	21.21		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.55	21.58	21.51		
15	QPSK	1	37	21.55	21.35	21.50	22	0
15	QPSK	1	74	21.47	21.51	21.47		
15	QPSK	36	0	21.49	21.53	21.38		
15	QPSK	36	20	21.43	21.32	21.48	22	0
15	QPSK	36	39	21.41	21.39	21.34		
15	QPSK	75	0	21.31	21.38	21.32		
15	16QAM	1	0	21.45	21.52	21.43		
15	16QAM	1	37	21.51	21.30	21.44	22	0
15	16QAM	1	74	21.35	21.31	21.37		
15	16QAM	36	0	21.52	21.44	21.45		
15	16QAM	36	20	21.46	21.42	21.48	22	0
15	16QAM	36	39	21.38	21.38	21.39		
15	16QAM	75	0	21.40	21.43	21.49		
15	64QAM	1	0	21.41	21.45	21.44		
15	64QAM	1	37	21.38	21.46	21.42	22	0
15	64QAM	1	74	21.56	21.38	21.46		
15	64QAM	36	0	21.19	21.29	20.99		
15	64QAM	36	20	21.29	21.25	21.10	22	0
15	64QAM	36	39	21.06	21.08	21.11		
15	64QAM	75	0	21.26	21.22	21.12		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.49	21.53	21.52		
10	QPSK	1	25	21.49	21.35	21.52	22	0
10	QPSK	1	49	21.56	21.57	21.44		
10	QPSK	25	0	21.40	21.40	21.48		
10	QPSK	25	12	21.31	21.43	21.36	22	0
10	QPSK	25	25	21.41	21.29	21.34		
10	QPSK	50	0	21.35	21.40	21.38		
10	16QAM	1	0	21.46	21.43	21.31		
10	16QAM	1	25	21.50	21.38	21.39	22	0
10	16QAM	1	49	21.48	21.42	21.39		
10	16QAM	25	0	21.46	21.36	21.43		
10	16QAM	25	12	21.43	21.35	21.40	22	0
10	16QAM	25	25	21.39	21.33	21.46		
10	16QAM	50	0	21.45	21.38	21.52		
10	64QAM	1	0	21.42	21.45	21.44		
10	64QAM	1	25	21.46	21.49	21.46	22	0
10	64QAM	1	49	21.50	21.34	21.49		
10	64QAM	25	0	21.17	21.24	20.95		
10	64QAM	25	12	21.26	21.17	21.11	22	0
10	64QAM	25	25	21.06	21.13	21.21		
10	64QAM	50	0	21.27	21.17	21.18		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.62	21.57	21.56		
5	QPSK	1	12	21.49	21.47	21.51	22	0
5	QPSK	1	24	21.51	21.54	21.42		
5	QPSK	12	0	21.44	21.49	21.48		
5	QPSK	12	7	21.35	21.32	21.48	22	0
5	QPSK	12	13	21.38	21.34	21.33		
5	QPSK	25	0	21.43	21.37	21.36		
5	16QAM	1	0	21.57	21.44	21.42		
5	16QAM	1	12	21.47	21.31	21.39	22	0
5	16QAM	1	24	21.38	21.43	21.47		
5	16QAM	12	0	21.43	21.32	21.37		
5	16QAM	12	7	21.44	21.40	21.44	22	0
5	16QAM	12	13	21.34	21.31	21.44		
5	16QAM	25	0	21.41	21.34	21.45		
5	64QAM	1	0	21.34	21.55	21.54		
5	64QAM	1	12	21.47	21.47	21.36	22	0
5	64QAM	1	24	21.60	21.39	21.44		
5	64QAM	12	0	21.18	21.19	21.00		
5	64QAM	12	7	21.21	21.16	21.12	22	0
5	64QAM	12	13	21.11	21.10	21.21		
5	64QAM	25	0	21.16	21.23	21.10		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.60	21.54	21.52		
3	QPSK	1	8	21.49	21.36	21.47	22	0
3	QPSK	1	14	21.50	21.56	21.45		
3	QPSK	8	0	21.42	21.43	21.39		
3	QPSK	8	4	21.45	21.39	21.38	22	0
3	QPSK	8	7	21.41	21.38	21.35		
3	QPSK	15	0	21.35	21.35	21.42		
3	16QAM	1	0	21.43	21.52	21.44		
3	16QAM	1	8	21.51	21.30	21.36	22	0
3	16QAM	1	14	21.41	21.39	21.47		
3	16QAM	8	0	21.45	21.33	21.33		
3	16QAM	8	4	21.47	21.38	21.39	22	0
3	16QAM	8	7	21.46	21.33	21.45		
3	16QAM	15	0	21.41	21.44	21.46		
3	64QAM	1	0	21.47	21.43	21.48		
3	64QAM	1	8	21.47	21.49	21.41	22	0
3	64QAM	1	14	21.48	21.44	21.49		
3	64QAM	8	0	21.21	21.21	21.01		
3	64QAM	8	4	21.26	21.27	21.19	22	0
3	64QAM	8	7	21.13	21.19	21.18		
3	64QAM	15	0	21.24	21.20	21.06		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.50	21.60	21.56		
1.4	QPSK	1	3	21.47	21.46	21.48		
1.4	QPSK	1	5	21.52	21.55	21.40	22	0
1.4	QPSK	3	0	21.46	21.53	21.50		
1.4	QPSK	3	1	21.38	21.36	21.36		
1.4	QPSK	3	3	21.40	21.43	21.37		
1.4	QPSK	6	0	21.30	21.40	21.31	22	0
1.4	16QAM	1	0	21.50	21.50	21.39		
1.4	16QAM	1	3	21.59	21.36	21.34		
1.4	16QAM	1	5	21.40	21.32	21.46	22	0
1.4	16QAM	3	0	21.49	21.31	21.36		
1.4	16QAM	3	1	21.37	21.41	21.40		
1.4	16QAM	3	3	21.42	21.39	21.39		
1.4	16QAM	6	0	21.40	21.39	21.44	22	0
1.4	64QAM	1	0	21.40	21.41	21.49		
1.4	64QAM	1	3	21.40	21.46	21.34		
1.4	64QAM	1	5	21.50	21.41	21.50	22	0
1.4	64QAM	3	0	21.36	21.26	21.37		
1.4	64QAM	3	1	21.39	21.39	21.20		
1.4	64QAM	3	3	21.35	21.33	21.36		
1.4	64QAM	6	0	21.17	21.24	21.14	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.03	21.12	21.11		
20	QPSK	1	49	21.02	21.09	21.02	21.5	0
20	QPSK	1	99	21.02	20.98	21.09		
20	QPSK	50	0	20.98	21.09	21.08		
20	QPSK	50	24	20.88	21.04	21.01	21.5	0
20	QPSK	50	50	20.87	21.08	21.07		
20	QPSK	100	0	20.97	21.06	20.99		
20	16QAM	1	0	21.00	21.03	21.10		
20	16QAM	1	49	21.02	21.01	21.10	21.5	0
20	16QAM	1	99	20.97	21.11	20.96		
20	16QAM	50	0	20.32	20.20	20.17		
20	16QAM	50	24	20.25	20.24	20.22	21	0.5
20	16QAM	50	50	20.14	20.19	20.04		
20	16QAM	100	0	20.21	20.12	20.12		
20	64QAM	1	0	20.52	20.35	20.32		
20	64QAM	1	49	20.36	20.29	20.14	21	0.5
20	64QAM	1	99	20.29	20.19	20.26		
20	64QAM	50	0	19.20	19.21	19.14		
20	64QAM	50	24	19.22	19.23	19.05	20	1.5
20	64QAM	50	50	19.21	19.16	19.07		
20	64QAM	100	0	19.17	19.21	19.14		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.91	21.03	21.03		
15	QPSK	1	37	21.00	21.08	20.89	21.5	0
15	QPSK	1	74	20.97	20.88	21.00		
15	QPSK	36	0	20.94	21.04	20.99		
15	QPSK	36	20	20.80	21.02	20.91	21.5	0
15	QPSK	36	39	20.75	21.03	20.99		
15	QPSK	75	0	20.89	20.98	20.93		
15	16QAM	1	0	20.92	20.91	21.06		
15	16QAM	1	37	20.94	20.96	20.96	21.5	0
15	16QAM	1	74	20.94	21.03	20.90		
15	16QAM	36	0	20.21	20.15	20.16		
15	16QAM	36	20	20.17	20.19	20.11	21	0.5
15	16QAM	36	39	20.12	20.16	20.00		
15	16QAM	75	0	20.17	20.01	20.03		
15	64QAM	1	0	20.38	20.24	20.17		
15	64QAM	1	37	20.34	20.24	20.00	21	0.5
15	64QAM	1	74	20.17	20.11	20.12		
15	64QAM	36	0	19.06	19.13	19.07		
15	64QAM	36	20	19.08	19.13	19.01	20	1.5
15	64QAM	36	39	19.14	19.12	19.03		
15	64QAM	75	0	19.04	19.12	19.07		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.02	20.99	21.10		
10	QPSK	1	25	20.89	21.00	20.95	21.5	0
10	QPSK	1	49	20.92	20.88	20.99		
10	QPSK	25	0	20.86	21.07	20.93		
10	QPSK	25	12	20.83	20.99	20.90	21.5	0
10	QPSK	25	25	20.72	20.95	21.02		
10	QPSK	50	0	20.87	20.93	20.95		
10	16QAM	1	0	20.86	20.93	21.03		
10	16QAM	1	25	20.95	20.99	21.08	21.5	0
10	16QAM	1	49	20.84	21.04	20.81		
10	16QAM	25	0	20.20	20.05	20.13		
10	16QAM	25	12	20.17	20.17	20.11	21	0.5
10	16QAM	25	25	20.00	20.08	19.90		
10	16QAM	50	0	20.08	20.11	20.10		
10	64QAM	1	0	20.48	20.25	20.18		
10	64QAM	1	25	20.34	20.21	20.03	21	0.5
10	64QAM	1	49	20.21	20.15	20.13		
10	64QAM	25	0	19.06	19.13	19.13		
10	64QAM	25	12	19.17	19.20	18.97	20	1.5
10	64QAM	25	25	19.10	19.01	18.99		
10	64QAM	50	0	19.07	19.16	19.03		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.94	21.03	21.03		
5	QPSK	1	12	20.96	21.04	20.88	21.5	0
5	QPSK	1	24	20.87	20.87	21.01		
5	QPSK	12	0	20.92	21.03	20.94		
5	QPSK	12	7	20.80	20.91	20.91	21.5	0
5	QPSK	12	13	20.86	21.00	21.02		
5	QPSK	25	0	20.95	21.04	20.89		
5	16QAM	1	0	20.90	20.92	21.06		
5	16QAM	1	12	20.95	20.99	20.96	21.5	0
5	16QAM	1	24	20.84	21.05	20.85		
5	16QAM	12	0	20.18	20.16	20.09		
5	16QAM	12	7	20.24	20.13	20.09	21	0.5
5	16QAM	12	13	20.08	20.06	20.00		
5	16QAM	25	0	20.13	20.04	19.97		
5	64QAM	1	0	20.47	20.34	20.31		
5	64QAM	1	12	20.31	20.27	20.00	21	0.5
5	64QAM	1	24	20.26	20.14	20.20		
5	64QAM	12	0	19.06	19.20	19.09		
5	64QAM	12	7	19.19	19.18	18.95	20	1.5
5	64QAM	12	13	19.16	19.13	18.97		
5	64QAM	25	0	19.06	19.18	19.05		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.93	21.05	21.06		
3	QPSK	1	8	20.93	21.03	20.98	21.5	0
3	QPSK	1	14	20.92	20.96	21.07		
3	QPSK	8	0	20.90	21.04	20.93		
3	QPSK	8	4	20.82	20.93	20.97	21.5	0
3	QPSK

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BW [MHz]	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	21.28	21.33	21.30		
10	QPSK	1	25	21.25	21.32	21.19	22.5	0
10	QPSK	1	49	21.15	21.25	21.27		
10	QPSK	25	0	21.24	21.28	21.22		
10	QPSK	25	12	21.15	21.18	21.21	22.5	0
10	QPSK	25	25	21.15	21.19	21.16		
10	QPSK	50	0	21.21	21.27	21.19		
10	16QAM	1	0	21.14	21.23	21.21		
10	16QAM	1	25	21.21	21.25	21.09	22.5	0
10	16QAM	1	49	21.01	21.19	21.25		
10	16QAM	25	0	21.12	21.25	21.19		
10	16QAM	25	12	21.07	21.16	21.15	22.5	0
10	16QAM	25	25	21.08	21.11	21.03		
10	16QAM	50	0	21.12	21.24	21.16		
10	64QAM	1	0	21.13	21.26	21.19		
10	64QAM	1	25	21.20	21.25	21.06	22.5	0
10	64QAM	1	49	21.02	21.11	21.24		
10	64QAM	25	0	20.65	20.75	20.66		
10	64QAM	25	12	20.77	20.70	20.70	22	0.5
10	64QAM	25	25	20.55	20.76	20.64		
10	64QAM	50	0	20.72	20.72	20.66		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.19	21.29	21.24		
5	QPSK	1	12	21.19	21.28	21.15	22.5	0
5	QPSK	1	24	21.14	21.18	21.22		
5	QPSK	12	0	21.18	21.24	21.14		
5	QPSK	12	7	21.08	21.05	21.11	22.5	0
5	QPSK	12	13	21.02	21.17	21.12		
5	QPSK	25	0	21.15	21.16	21.11		
5	16QAM	1	0	21.07	21.22	21.14		
5	16QAM	1	12	21.10	21.24	20.94	22.5	0
5	16QAM	1	24	20.97	21.06	21.10		
5	16QAM	12	0	21.01	21.20	21.17		
5	16QAM	12	7	20.98	21.14	21.01	22.5	0
5	16QAM	12	13	20.98	21.09	21.00		
5	16QAM	25	0	21.03	21.19	21.06		
5	64QAM	1	0	21.01	21.22	21.10		
5	64QAM	1	12	21.10	21.24	20.92	22.5	0
5	64QAM	1	24	20.88	20.98	21.21		
5	64QAM	12	0	20.57	20.60	20.55		
5	64QAM	12	7	20.64	20.69	20.60	22	0.5
5	64QAM	12	13	20.47	20.71	20.53		
5	64QAM	25	0	20.59	20.61	20.53		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.27	21.28	21.15		
3	QPSK	1	8	21.21	21.22	21.16	22.5	0
3	QPSK	1	14	21.04	21.10	21.17		
3	QPSK	8	0	21.09	21.19	21.08		
3	QPSK	8	4	21.01	21.16	21.11	22.5	0
3	QPSK	8	7	21.00	21.13	21.09		
3	QPSK	15	0	21.18	21.24	21.18		
3	16QAM	1	0	21.07	21.08	21.12		
3	16QAM	1	8	21.08	21.18	20.95	22.5	0
3	16QAM	1	14	21.00	21.14	21.14		
3	16QAM	8	0	21.09	21.11	21.17		
3	16QAM	8	4	21.04	21.05	21.14	22.5	0
3	16QAM	8	7	21.02	20.96	20.97		
3	16QAM	15	0	21.03	21.15	21.13		
3	64QAM	1	0	21.07	21.22	21.13		
3	64QAM	1	8	21.10	21.14	20.99	22.5	0
3	64QAM	1	14	20.94	21.03	21.22		
3	64QAM	8	0	20.51	20.63	20.60		
3	64QAM	8	4	20.76	20.60	20.62	22	0.5
3	64QAM	8	7	20.40	20.62	20.53		
3	64QAM	15	0	20.62	20.70	20.59		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.21	21.31	21.19		
1.4	QPSK	1	3	21.20	21.28	21.12		
1.4	QPSK	1	5	21.10	21.24	21.14	22.5	0
1.4	QPSK	3	0	21.09	21.20	21.15		
1.4	QPSK	3	1	21.13	21.06	21.19		
1.4	QPSK	3	3	21.03	21.08	21.11		
1.4	QPSK	6	0	21.10	21.15	21.10	22.5	0
1.4	16QAM	1	0	21.06	21.19	21.11		
1.4	16QAM	1	3	21.09	21.15	21.04		
1.4	16QAM	1	5	20.98	21.13	21.12	22.5	0
1.4	16QAM	3	0	21.04	21.24	21.04		
1.4	16QAM	3	1	21.02	21.15	21.03		
1.4	16QAM	3	3	21.05	21.09	20.94		
1.4	16QAM	6	0	21.05	21.10	21.10	22.5	0
1.4	64QAM	1	0	21.02	21.25	21.14		
1.4	64QAM	1	3	21.11	21.15	20.94		
1.4	64QAM	1	5	20.87	21.06	21.15	22.5	0
1.4	64QAM	3	0	21.18	21.18	21.27		
1.4	64QAM	3	1	21.11	21.25	21.07		
1.4	64QAM	3	3	21.03	21.21	21.24		
1.4	64QAM	6	0	20.70	20.62	20.51	22	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.96	21.98	21.94		
10	QPSK	1	25	21.84	21.89	21.81	22	0
10	QPSK	1	49	21.88	21.83	21.89		
10	QPSK	25	0	21.88	21.95	21.93		
10	QPSK	25	12	21.82	21.85	21.83	22	0
10	QPSK	25	25	21.81	21.87	21.79		
10	QPSK	50	0	21.90	21.92	21.88		
10	16QAM	1	0	21.86	21.95	21.86		
10	16QAM	1	25	21.85	21.88	21.90	22	0
10	16QAM	1	49	21.95	21.87	21.85		
10	16QAM	25	0	21.76	21.72	21.57		
10	16QAM	25	12	21.62	21.79	21.68	22	0
10	16QAM	25	25	21.66	21.81	21.60		
10	16QAM	50	0	21.74	21.79	21.77		
10	64QAM	1	0	21.80	21.79	21.86		
10	64QAM	1	25	21.86	21.84	21.91	22	0
10	64QAM	1	49	21.83	21.84	21.83		
10	64QAM	25	0	20.65	20.75	20.66		
10	64QAM	25	12	20.61	20.67	20.68	21	1
10	64QAM	25	25	20.59	20.67	20.61		
10	64QAM	50	0	20.62	20.78	20.76		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.87	21.96	21.84		
5	QPSK	1	12	21.79	21.87	21.70	22	0
5	QPSK	1	24	21.73	21.69	21.83		
5	QPSK	12	0	21.78	21.91	21.92		
5	QPSK	12	7	21.75	21.75	21.73	22	0
5	QPSK	12	13	21.69	21.75	21.70		
5	QPSK	25	0	21.87	21.87	21.75		
5	16QAM	1	0	21.73	21.80	21.77		
5	16QAM	1	12	21.78	21.73	21.77	22	0
5	16QAM	1	24	21.91	21.80	21.74		
5	16QAM	12	0	21.71	21.69	21.55		
5	16QAM	12	7	21.59	21.74	21.54	22	0
5	16QAM	12	13	21.62	21.70	21.53		
5	16QAM	25	0	21.60	21.73	21.76		
5	64QAM	1	0	21.75	21.78	21.71		
5	64QAM	1	12	21.77	21.71	21.79	22	0
5	64QAM	1	24	21.77	21.75	21.75		
5	64QAM	12	0	20.57	20.73	20.65		
5	64QAM	12	7	20.56	20.66	20.57	21	1
5	64QAM	12	13	20.45	20.64	20.47		
5	64QAM	25	0	20.49	20.74	20.65		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.82	21.94	21.83		
3	QPSK	1	8	21.75	21.86	21.77	22	0
3	QPSK	1	14	21.80	21.77	21.77		
3	QPSK	8	0	21.81	21.88	21.85		
3	QPSK	8	4	21.70	21.72	21.69	22	0
3	QPSK	8	7	21.72	21.84	21.68		
3	QPSK	15	0	21.88	21.87	21.76		
3	16QAM	1	0	21.83	21.90	21.78		
3	16QAM	1	8	21.84	21.83	21.84	22	0
3	16QAM	1	14	21.90	21.79	21.71		
3	16QAM	8	0	21.66	21.66	21.48		
3	16QAM	8	4	21.51	21.71	21.55	22	0
3	16QAM	8	7	21.53	21.67	21.55		
3	16QAM	15	0	21.70	21.64	21.67		
3	64QAM	1	0	21.76	21.65	21.82		
3	64QAM	1	8	21.81	21.79	21.82	22	0
3	64QAM	1	14	21.69	21.79	21.68		
3	64QAM	8	0	20.56	20.69	20.52		
3	64QAM	8	4	20.46	20.54	20.60	21	1
3	64QAM	8	7	20.47	20.65	20.52		
3	64QAM	15	0	20.61	20.72	20.73		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.86	21.83	21.79		
1.4	QPSK	1	3	21.73	21.84	21.66		
1.4	QPSK	1	5	21.87	21.71	21.79	22	0
1.4	QPSK	3	0	21.82	21.85	21.90		
1.4	QPSK	3	1	21.75	21.72	21.78		
1.4	QPSK	3	3	21.75	21.82	21.68		
1.4	QPSK	6	0	21.77	21.80	21.74	22	0
1.4	16QAM	1	0	21.77	21.90	21.81		
1.4	16QAM	1	3	21.78	21.73	21.76		
1.4	16QAM	1	5	21.88	21.75	21.70	22	0
1.4	16QAM	3	0	21.62	21.58	21.51		
1.4	16QAM	3	1	21.53	21.67	21.58		
1.4	16QAM	3	3	21.52	21.67	21.49		
1.4	16QAM	6	0	21.61	21.69	21.66	22	0
1.4	64QAM	1	0	21.69	21.78	21.84		
1.4	64QAM	1	3	21.76	21.81	21.87		
1.4	64QAM	1	5	21.69	21.70	21.76	22	0
1.4	64QAM	3	0	21.68	21.64	21.75		
1.4	64QAM	3	1	21.73	21.71	21.84		
1.4	64QAM	3	3	21.60	21.59	21.65		
1.4	64QAM	6	0	20.48	20.70	20.65	21	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.95	20.03	19.96		
20	QPSK	1	49	19.85	20.01	19.91	20.5	0
20	QPSK	1	99	19.83	19.95	19.90		
20	QPSK	50	0	19.94	19.96	19.95		
20	QPSK	50	24	19.91	19.88	19.85	20.5	0
20	QPSK	50	50	19.82	19.92	19.85		
20	QPSK	100	0	19.85	19.92	19.87		
20	16QAM	1	0	19.80	20.01	19.86		
20	16QAM	1	49	19.87	19.88	19.84	20.5	0
20	16QAM	1	99	19.94	19.88	19.89		
20	16QAM	50	0	19.82	19.92	19.87		
20	16QAM	50	24	19.90	19.90	19.88	20.5	0
20	16QAM	50	50	19.84	19.92	19.94		
20	16QAM	100	0	19.86	19.98	19.90		
20	64QAM	1	0	19.88	19.96	19.86		
20	64QAM	1	49	19.83	19.90	19.81	20.5	0
20	64QAM	1	99	19.89	20.00	19.81		
20	64QAM	50	0	19.85	19.96	19.92		
20	64QAM	50	24	19.81	19.88	19.82	20.5	0
20	64QAM	50	50	19.89	19.90	19.91		
20	64QAM	100	0	19.93	20.01	19.82		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.84	19.97	19.92		
15	QPSK	1	37	19.70	19.91	19.79	20.5	0
15	QPSK	1	74	19.82	19.86	19.75		
15	QPSK	36	0	19.91	19.85	19.89		
15	QPSK	36	20	19.77	19.85	19.83	20.5	0
15	QPSK	36	39	19.74	19.83	19.70		
15	QPSK	75	0	19.75	19.88	19.84		
15	16QAM	1	0	19.70	19.93	19.72		
15	16QAM	1	37	19.78	19.81	19.79	20.5	0
15	16QAM	1	74	19.93	19.87	19.74		
15	16QAM	36	0	19.74	19.78	19.72		
15	16QAM	36	20	19.87	19.79	19.82	20.5	0
15	16QAM	36	39	19.70	19.86	19.80		
15	16QAM	75	0	19.71	19.88	19.76		
15	64QAM	1	0	19.75	19.90	19.81		
15	64QAM	1	37	19.82	19.81	19.68	20.5	0
15	64QAM	1	74	19.85	19.94	19.73		
15	64QAM	36	0	19.83	19.81	19.83		
15	64QAM	36	20	19.75	19.76	19.70	20.5	0
15	64QAM	36	39	19.74	19.82	19.83		
15	64QAM	75	0	19.81	19.99	19.78		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.90	19.99	19.88		
10	QPSK	1	25	19.80	19.91	19.88	20.5	0
10	QPSK	1	49	19.75	19.94	19.84		
10	QPSK	25	0	19.80	19.95	19.82		
10	QPSK	25	12	19.85	19.81	19.74	20.5	0
10	QPSK	25	25	19.77	19.78	19.70		
10	QPSK	50	0	19.79	19.91	19.78		
10	16QAM	1	0	19.74	19.88	19.72		
10	16QAM	1	25	19.73	19.78	19.71	20.5	0
10	16QAM	1	49	19.79	19.73	19.77		
10	16QAM	25	0	19.79	19.89	19.72		
10	16QAM	25	12	19.88	19.83	19.80	20.5	0
10	16QAM	25	25	19.76	19.84	19.89		
10	16QAM	50	0	19.81	19.94	19.83		
10	64QAM	1	0	19.80	19.89	19.76		
10	64QAM	1	25	19.77	19.86	19.70	20.5	0
10	64QAM	1	49	19.84	19.96	19.78		
10	64QAM	25	0	19.76	19.84	19.80		
10	64QAM	25	12	19.73	19.75	19.71	20.5	0
10	64QAM	25	25	19.75	19.81	19.79		
10	64QAM	50	0	19.88	19.97	19.75		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.92	19.94	19.85		
5	QPSK	1	12	19.75	19.94	19.87	20.5	0
5	QPSK	1	24	19.75	19.84	19.83		
5	QPSK	12	0	19.90	19.81	19.92		
5	QPSK	12	7	19.89	19.83	19.83	20.5	0
5	QPSK	12	13	19.73	19.90	19.81		
5	QPSK	25	0	19.83	19.87	19.82		
5	16QAM	1	0	19.73	19.89	19.76		
5	16QAM	1	12	19.80	19.82	19.78	20.5	0
5	16QAM	1	24	19.87	19.87	19.76		
5	16QAM	12	0	19.78	19.82	19.84		
5	16QAM	12	7	19.84	19.83	19.76	20.5	0
5	16QAM	12	13	19.76	19.91	19.91		
5	16QAM	25	0	19.84	19.91	19.77		
5	64QAM	1	0	19.83	19.87	19.82		
5	64QAM	1	12	19.82	19.83	19.71	20.5	0
5	64QAM	1	24	19.86	19.88	19.73		
5	64QAM	12	0	19.70	19.85	19.84		
5	64QAM	12	7	19.80	19.82	19.67	20.5	0
5	64QAM	12	13	19.85	19.82	19.90		
5	64QAM	25	0	19.91	19.96	19.68		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.01	21.10	21.07		
20	QPSK	1	49	20.87	21.03	20.98	21.5	0
20	QPSK	1	99	21.00	21.00	20.97		
20	QPSK	50	0	20.96	21.06	21.05		
20	QPSK	50	24	20.88	21.02	20.97	21.5	0
20	QPSK	50	50	20.92	21.01	20.94		
20	QPSK	100	0	20.97	21.04	20.95		
20	16QAM	1	0	20.99	21.00	21.04		
20	16QAM	1	49	20.93	21.04	21.01	21.5	0
20	16QAM	1	99	20.88	21.09	20.96		
20	16QAM	50	0	20.87	21.00	20.94		
20	16QAM	50	24	20.87	21.04	20.94	21.5	0
20	16QAM	50	50	20.93	20.95	21.00		
20	16QAM	100	0	20.94	21.05	20.92		
20	64QAM	1	0	20.89	21.04	20.96		
20	64QAM	1	49	20.93	21.01	21.04	21.5	0
20	64QAM	1	99	20.92	21.08	20.95		
20	64QAM	50	0	20.95	20.99	20.93		
20	64QAM	50	24	20.91	21.08	20.92	21.5	0
20	64QAM	50	50	20.96	20.99	20.95		
20	64QAM	100	0	20.87	21.04	21.02		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.90	20.98	20.94		
15	QPSK	1	37	20.81	20.89	20.93	21.5	0
15	QPSK	1	74	20.87	20.87	20.86		
15	QPSK	36	0	20.83	20.97	21.00		
15	QPSK	36	20	20.79	20.92	20.93	21.5	0
15	QPSK	36	39	20.91	21.00	20.89		
15	QPSK	75	0	20.87	20.91	20.87		
15	16QAM	1	0	20.91	20.98	20.98		
15	16QAM	1	37	20.92	20.89	20.93	21.5	0
15	16QAM	1	74	20.85	21.00	20.82		
15	16QAM	36	0	20.80	20.86	20.85		
15	16QAM	36	20	20.80	20.93	20.80	21.5	0
15	16QAM	36	39	20.79	20.94	20.85		
15	16QAM	75	0	20.81	20.96	20.78		
15	64QAM	1	0	20.80	20.92	20.87		
15	64QAM	1	37	20.83	20.86	20.98	21.5	0
15	64QAM	1	74	20.84	21.07	20.92		
15	64QAM	36	0	20.81	20.94	20.89		
15	64QAM	36	20	20.81	21.07	20.88	21.5	0
15	64QAM	36	39	20.81	20.86	20.94		
15	64QAM	75	0	20.84	20.97	21.01		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.97	21.09	21.02		
10	QPSK	1	25	20.84	20.96	20.89	21.5	0
10	QPSK	1	49	20.90	20.92	20.90		
10	QPSK	25	0	20.87	21.05	21.03		
10	QPSK	25	12	20.78	20.98	20.90	21.5	0
10	QPSK	25	25	20.88	20.93	20.88		
10	QPSK	50	0	20.88	20.98	20.86		
10	16QAM	1	0	20.98	20.98	20.91		
10	16QAM	1	25	20.90	20.99	20.99	21.5	0
10	16QAM	1	49	20.75	20.97	20.89		
10	16QAM	25	0	20.74	20.98	20.90		
10	16QAM	25	12	20.84	20.99	20.85	21.5	0
10	16QAM	25	25	20.89	20.91	20.93		
10	16QAM	50	0	20.88	21.01	20.85		
10	64QAM	1	0	20.79	20.91	20.85		
10	64QAM	1	25	20.85	20.92	20.97	21.5	0
10	64QAM	1	49	20.86	20.96	20.90		
10	64QAM	25	0	20.86	20.89	20.87		
10	64QAM	25	12	20.80	21.06	20.84	21.5	0
10	64QAM	25	25	20.85	20.96	20.83		
10	64QAM	50	0	20.82	21.02	20.97		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.87	21.08	20.97		
5	QPSK	1	12	20.78	21.01	20.83	21.5	0
5	QPSK	1	24	20.88	20.85	20.91		
5	QPSK	12	0	20.93	20.96	20.98		
5	QPSK	12	7	20.81	21.00	20.96	21.5	0
5	QPSK	12	13	20.78	20.94	20.82		
5	QPSK	25	0	20.91	20.99	20.81		
5	16QAM	1	0	20.90	20.86	20.93		
5	16QAM	1	12	20.83	20.98	20.99	21.5	0
5	16QAM	1	24	20.85	21.05	20.81		
5	16QAM	12	0	20.86	20.94	20.85		
5	16QAM	12	7	20.77	20.93	20.79	21.5	0
5	16QAM	12	13	20.80	20.87	20.97		
5	16QAM	25	0	20.88	21.04	20.87		
5	64QAM	1	0	20.77	20.97	20.95		
5	64QAM	1	12	20.80	20.98	20.96	21.5	0
5	64QAM	1	24	20.86	20.94	20.93		
5	64QAM	12	0	20.84	20.95	20.90		
5	64QAM	12	7	20.79	21.06	20.82	21.5	0
5	64QAM	12	13	20.93	20.86	20.86		
5	64QAM	25	0	20.83	20.94	20.97		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.43	20.45	20.42		
20	QPSK	1	49	20.34	20.35	20.30	22	0
20	QPSK	1	99	20.40	20.37	20.33		
20	QPSK	50	0	20.39	20.43	20.39		
20	QPSK	50	24	20.33	20.33	20.27	22	0
20	QPSK	50	50	20.31	20.31	20.36		
20	QPSK	100	0	20.30	20.36	20.29		
20	16QAM	1	0	20.29	20.37	20.33		
20	16QAM	1	49	20.38	20.35	20.39	22	0
20	16QAM	1	99	20.41	20.37	20.34		
20	16QAM	50	0	19.80	19.70	19.78		
20	16QAM	50	24	19.68	19.86	19.71	21	1
20	16QAM	50	50	19.75	19.90	19.74		
20	16QAM	100	0	19.68	19.79	19.61		
20	64QAM	1	0	19.12	19.26	19.16		
20	64QAM	1	49	19.37	19.39	19.37	21	1
20	64QAM	1	99	19.32	19.52	19.33		
20	64QAM	50	0	18.68	18.82	18.69		
20	64QAM	50	24	18.66	18.76	18.87	20	2
20	64QAM	50	50	18.72	18.84	18.79		
20	64QAM	100	0	18.71	18.75	18.83		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.39	20.34	20.31		
15	QPSK	1	37	20.19	20.21	20.27	22	0
15	QPSK	1	74	20.34	20.32	20.32		
15	QPSK	36	0	20.27	20.28	20.34		
15	QPSK	36	20	20.28	20.29	20.21	22	0
15	QPSK	36	39	20.24	20.30	20.24		
15	QPSK	75	0	20.21	20.23	20.24		
15	16QAM	1	0	20.27	20.24	20.27		
15	16QAM	1	37	20.25	20.42	20.43	22	0
15	16QAM	1	74	20.33	20.43	20.28		
15	16QAM	36	0	19.70	19.61	19.77		
15	16QAM	36	20	19.57	19.81	19.68	21	1
15	16QAM	36	39	19.68	19.82	19.66		
15	16QAM	75	0	19.53	19.76	19.50		
15	64QAM	1	0	19.03	19.25	19.10		
15	64QAM	1	37	19.28	19.33	19.33	21	1
15	64QAM	1	74	19.19	19.39	19.32		
15	64QAM	36	0	18.63	18.68	18.68		
15	64QAM	36	20	18.53	18.66	18.75	20	2
15	64QAM	36	39	18.66	18.76	18.77		
15	64QAM	75	0	18.59	18.60	18.69		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.30	20.39	20.28		
10	QPSK	1	25	20.23	20.27	20.28	22	0
10	QPSK	1	49	20.33	20.33	20.26		
10	QPSK	25	0	20.32	20.29	20.29		
10	QPSK	25	12	20.28	20.18	20.26	22	0
10	QPSK	25	25	20.22	20.28	20.32		
10	QPSK	50	0	20.17	20.32	20.16		
10	16QAM	1	0	20.26	20.29	20.27		
10	16QAM	1	25	20.30	20.36	20.38	22	0
10	16QAM	1	49	20.31	20.41	20.31		
10	16QAM	25	0	19.76	19.61	19.69		
10	16QAM	25	12	19.64	19.73	19.61	21	1
10	16QAM	25	25	19.66	19.80	19.60		
10	16QAM	50	0	19.61	19.68	19.52		
10	64QAM	1	0	19.08	19.19	19.02		
10	64QAM	1	25	19.34	19.29	19.35	21	1
10	64QAM	1	49	19.23	19.43	19.23		
10	64QAM	25	0	18.62	18.68	18.61		
10	64QAM	25	12	18.61	18.73	18.76	20	2
10	64QAM	25	25	18.68	18.75	18.69		
10	64QAM	50	0	18.66	18.72	18.81		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.28	20.44	20.33		
5	QPSK	1	12	20.31	20.31	20.24	22	0
5	QPSK	1	24	20.35	20.25	20.19		
5	QPSK	12	0	20.29	20.34	20.36		
5	QPSK	12	7	20.23	20.18	20.26	22	0
5	QPSK	12	13	20.30	20.21	20.28		
5	QPSK	25	0	20.16	20.24	20.19		
5	16QAM	1	0	20.22	20.35	20.24		
5	16QAM	1	12	20.27	20.43	20.35	22	0
5	16QAM	1	24	20.27	20.42	20.28		
5	16QAM	12	0	19.66	19.61	19.74		
5	16QAM	12	7	19.53	19.84	19.60	21	1
5	16QAM	12	13	19.68	19.87	19.65		
5	16QAM	25	0	19.59	19.74	19.54		
5	64QAM	1	0	19.11	19.20	19.09		
5	64QAM	1	12	19.22	19.30	19.36	21	1
5	64QAM	1	24	19.24	19.43	19.31		
5	64QAM	12	0	18.55	18.70	18.57		
5	64QAM	12	7	18.53	18.62	18.77	20	2
5	64QAM	12	13	18.58	18.70	18.72		
5	64QAM	25	0	18.56	18.62	18.72		

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	22.52	22.55	22.49		
10	QPSK	1	25	22.51	22.53	22.42	23.5	0
10	QPSK	1	49	22.45	22.43	22.41		
10	QPSK	25	0	22.49	22.50	22.45		
10	QPSK	25	12	22.38	22.43	22.41	23.5	0
10	QPSK	25	25	22.41	22.44	22.42		
10	QPSK	50	0	22.44	22.47	22.46		
10	16QAM	1	0	22.39	22.48	22.47		
10	16QAM	1	25	22.49	22.42	22.47	23.5	0
10	16QAM	1	49	22.45	22.46	22.44		
10	16QAM	25	0	21.72	21.91	21.85		
10	16QAM	25	12	21.93	21.87	21.77	23	0.5
10	16QAM	25	25	21.76	21.89	21.80		
10	16QAM	50	0	21.82	21.94	21.84		
10	64QAM	1	0	21.94	22.03	21.99		
10	64QAM	1	25	21.84	22.08	21.99	23	0.5
10	64QAM	1	49	21.90	22.02	21.81		
10	64QAM	25	0	20.68	20.83	20.70		
10	64QAM	25	12	20.80	20.82	20.73	22	1.5
10	64QAM	25	25	20.72	20.91	20.80		
10	64QAM	50	0	20.76	20.91	20.73		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.41	22.43	22.44		
5	QPSK	1	12	22.37	22.45	22.31	23.5	0
5	QPSK	1	24	22.39	22.35	22.37		
5	QPSK	12	0	22.41	22.45	22.39		
5	QPSK	12	7	22.29	22.36	22.33	23.5	0
5	QPSK	12	13	22.34	22.43	22.41		
5	QPSK	25	0	22.37	22.43	22.44		
5	16QAM	1	0	22.38	22.38	22.45		
5	16QAM	1	12	22.47	22.39	22.35	23.5	0
5	16QAM	1	24	22.35	22.40	22.33		
5	16QAM	12	0	21.63	21.88	21.77		
5	16QAM	12	7	21.90	21.77	21.70	23	0.5
5	16QAM	12	13	21.68	21.75	21.75		
5	16QAM	25	0	21.70	21.80	21.78		
5	64QAM	1	0	21.86	22.00	21.97		
5	64QAM	1	12	21.71	21.93	21.95	23	0.5
5	64QAM	1	24	21.81	21.97	21.78		
5	64QAM	12	0	20.60	20.69	20.66		
5	64QAM	12	7	20.68	20.67	20.62	22	1.5
5	64QAM	12	13	20.69	20.76	20.71		
5	64QAM	25	0	20.68	20.88	20.69		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.39	22.46	22.36		
3	QPSK	1	8	22.38	22.39	22.41	23.5	0
3	QPSK	1	14	22.39	22.29	22.27		
3	QPSK	8	0	22.48	22.46	22.32		
3	QPSK	8	4	22.35	22.30	22.37	23.5	0
3	QPSK	8	7	22.33	22.41	22.34		
3	QPSK	15	0	22.35	22.35	22.43		
3	16QAM	1	0	22.31	22.44	22.39		
3	16QAM	1	8	22.37	22.29	22.36	23.5	0
3	16QAM	1	14	22.37	22.36	22.43		
3	16QAM	8	0	21.63	21.84	21.84		
3	16QAM	8	4	21.82	21.77	21.64	23	0.5
3	16QAM	8	7	21.63	21.86	21.77		
3	16QAM	15	0	21.67	21.84	21.82		
3	64QAM	1	0	21.79	21.90	21.90		
3	64QAM	1	8	21.71	21.95	21.91	23	0.5
3	64QAM	1	14	21.83	21.94	21.70		
3	64QAM	8	0	20.59	20.71	20.56		
3	64QAM	8	4	20.79	20.80	20.70	22	1.5
3	64QAM	8	7	20.67	20.90	20.66		
3	64QAM	15	0	20.71	20.76	20.65		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.41	22.45	22.46		
1.4	QPSK	1	3	22.40	22.38	22.32		
1.4	QPSK	1	5	22.40	22.30	22.28	23.5	0
1.4	QPSK	3	0	22.41	22.48	22.35		
1.4	QPSK	3	1	22.33	22.40	22.40		
1.4	QPSK	3	3	22.32	22.30	22.28		
1.4	QPSK	6	0	22.37	22.43	22.36	23.5	0
1.4	16QAM	1	0	22.38	22.34	22.37		
1.4	16QAM	1	3	22.38	22.30	22.46		
1.4	16QAM	1	5	22.35	22.40	22.36	23.5	0
1.4	16QAM	3	0	21.57	21.88	21.71		
1.4	16QAM	3	1	21.92	21.86	21.65		
1.4	16QAM	3	3	21.66	21.78	21.65		
1.4	16QAM	6	0	21.69	21.85	21.72	23	0.5
1.4	64QAM	1	0	21.82	21.99	21.89		
1.4	64QAM	1	3	21.78	21.99	21.91		
1.4	64QAM	1	5	21.78	21.91	21.67	23	0.5
1.4	64QAM	3	0	21.77	21.84	21.80		
1.4	64QAM	3	1	21.69	21.84	21.82		
1.4	64QAM	3	3	21.70	21.88	21.56		
1.4	64QAM	6	0	20.74	20.76	20.69	22	1.5

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.76	22.81	22.77	23.5	0
10	QPSK	1	25	22.62	22.72	22.66		
10	QPSK	1	49	22.62	22.67	22.63		
10	QPSK	25	0	22.08	22.14	22.10	23	0.5
10	QPSK	25	12	22.03	22.06	22.05		
10	QPSK	25	25	22.02	22.09	22.00		
10	QPSK	50	0	22.06	22.08	22.07		
10	16QAM	1	0	22.18	22.37	22.23	23	0.5
10	16QAM	1	25	22.29	22.38	22.31		
10	16QAM	1	49	22.28	22.43	22.45		
10	16QAM	25	0	21.01	21.17	21.12	22	1.5
10	16QAM	25	12	21.01	21.14	21.06		
10	16QAM	25	25	21.15	21.20	21.14		
10	16QAM	50	0	20.99	21.21	21.10		
10	64QAM	1	0	21.11	21.19	21.03	22	1.5
10	64QAM	1	25	21.09	21.21	21.19		
10	64QAM	1	49	21.35	21.36	21.15		
10	64QAM	25	0	19.96	20.04	20.03	21	2.5
10	64QAM	25	12	19.98	20.06	20.10		
10	64QAM	25	25	20.12	20.06	19.97		
10	64QAM	50	0	20.06	20.10	20.09		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.65	22.75	22.68	23.5	0
5	QPSK	1	12	22.57	22.61	22.62		
5	QPSK	1	24	22.58	22.58	22.54		
5	QPSK	12	0	21.94	22.13	21.97	23	0.5
5	QPSK	12	7	21.98	21.96	21.90		
5	QPSK	12	13	22.00	21.98	21.96		
5	QPSK	25	0	21.95	22.06	21.95		
5	16QAM	1	0	22.09	22.34	22.20	23	0.5
5	16QAM	1	12	22.27	22.34	22.28		
5	16QAM	1	24	22.19	22.31	22.39		
5	16QAM	12	0	20.96	21.07	21.05	22	1.5
5	16QAM	12	7	20.93	21.13	21.04		
5	16QAM	12	13	21.01	21.17	21.00		
5	16QAM	25	0	20.89	21.10	21.08		
5	64QAM	1	0	21.05	21.04	20.90	22	1.5
5	64QAM	1	12	20.96	21.16	21.04		
5	64QAM	1	24	21.34	21.34	21.04		
5	64QAM	12	0	19.93	19.96	20.01	21	2.5
5	64QAM	12	7	19.95	20.03	20.08		
5	64QAM	12	13	20.03	19.93	19.95		
5	64QAM	25	0	19.93	20.06	19.94		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.73	22.74	22.70	23.5	0
3	QPSK	1	8	22.60	22.65	22.55		
3	QPSK	1	14	22.58	22.56	22.51		
3	QPSK	8	0	22.03	22.04	22.06	23	0.5
3	QPSK	8	4	21.92	21.95	21.95		
3	QPSK	8	7	21.88	22.05	21.90		
3	QPSK	15	0	22.03	22.06	21.99		
3	16QAM	1	0	22.10	22.29	22.09	23	0.5
3	16QAM	1	8	22.28	22.36	22.20		
3	16QAM	1	14	22.16	22.29	22.30		
3	16QAM	8	0	20.93	21.09	21.00	22	1.5
3	16QAM	8	4	20.93	21.03	20.94		
3	16QAM	8	7	21.05	21.12	21.11		
3	16QAM	15	0	20.97	21.15	21.04		
3	64QAM	1	0	20.99	21.15	20.90	22	1.5
3	64QAM	1	8	20.95	21.09	21.12		
3	64QAM	1	14	21.27	21.26	21.02		
3	64QAM	8	0	19.88	19.95	20.00	21	2.5
3	64QAM	8	4	19.96	19.94	20.02		
3	64QAM	8	7	20.01	19.92	19.93		
3	64QAM	15	0	19.99	19.98	20.07		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.64	22.68	22.70	23.5	0
1.4	QPSK	1	3	22.59	22.59	22.58		
1.4	QPSK	1	5	22.56	22.55	22.56		
1.4	QPSK	3	0	22.53	22.54	22.66		
1.4	QPSK	3	1	22.45	22.57	22.46		
1.4	QPSK	3	3	22.55	22.42	22.45		
1.4	QPSK	6	0	22.02	21.93	22.03	23	0.5
1.4	16QAM	1	0	22.16	22.24	22.10	23	0.5
1.4	16QAM	1	3	22.14	22.27	22.16		
1.4	16QAM	1	5	22.25	22.34	22.43		
1.4	16QAM	3	0	22.03	22.16	21.96		
1.4	16QAM	3	1	22.01	22.23	22.09		
1.4	16QAM	3	3	22.19	22.24	22.39		
1.4	16QAM	6	0	20.97	21.12	21.03	22	1.5
1.4	64QAM	1	0	20.97	21.17	20.99	22	1.5
1.4	64QAM	1	3	20.97	21.12	21.04		
1.4	64QAM	1	5	21.31	21.34	21.09		
1.4	64QAM	3	0	20.82	21.08	20.94		
1.4	64QAM	3	1	20.95	21.05	20.91		
1.4	64QAM	3	3	21.27	21.32	20.99		
1.4	64QAM	6	0	20.03	19.97	20.04	21	2.5

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		22.17		23.3	0
10	QPSK	1	25		22.13			
10	QPSK	1	49		22.14			
10	QPSK	25	0		21.65		22.8	0.5
10	QPSK	25	12		21.64			
10	QPSK	25	25		21.64			
10	QPSK	50	0		21.64			
10	16QAM	1	0		21.95		22.8	0.5
10	16QAM	1	25		21.95			
10	16QAM	1	49		21.92			
10	16QAM	25	0		20.62		21.8	1.5
10	16QAM	25	12		20.63			
10	16QAM	25	25		20.63			
10	16QAM	50	0		20.63			
10	64QAM	1	0		20.88		21.8	1.5
10	64QAM	1	25		20.82			
10	64QAM	1	49		20.79			
10	64QAM	25	0		19.62		20.8	2.5
10	64QAM	25	12		19.62			
10	64QAM	25	25		19.67			
10	64QAM	50	0		19.61			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.02	22.04	22.05	23.3	0
5	QPSK	1	12	22.05	22.09	21.98		
5	QPSK	1	24	22.11	22.02	22.13		
5	QPSK	12	0	21.62	21.57	21.51	22.8	0.5
5	QPSK	12	7	21.51	21.52	21.54		
5	QPSK	12	13	21.56	21.57	21.61		
5	QPSK	25	0	21.59	21.61	21.50		
5	16QAM	1	0	21.93	21.85	21.92	22.8	0.5
5	16QAM	1	12	21.84	21.92	21.82		
5	16QAM	1	24	21.87	21.90	21.77		
5	16QAM	12	0	20.56	20.51	20.54	21.8	1.5
5	16QAM	12	7	20.61	20.54	20.48		
5	16QAM	12	13	20.62	20.57	20.61		
5	16QAM	25	0	20.54	20.54	20.54		
5	64QAM	1	0	20.77	20.77	20.85	21.8	1.5
5	64QAM	1	12	20.68	20.67	20.75		
5	64QAM	1	24	20.68	20.65	20.65		
5	64QAM	12	0	19.61	19.56	19.49	20.8	2.5
5	64QAM	12	7	19.61	19.53	19.50		
5	64QAM	12	13	19.63	19.54	19.61		
5	64QAM	25	0	19.57	19.51	19.53		

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		21.89		22.8	0
10	QPSK	1	25		21.77			
10	QPSK	1	49		21.77			
10	QPSK	25	0		20.85		21.8	1
10	QPSK	25	12		20.81			
10	QPSK	25	25		20.79			
10	QPSK	50	0		20.80			
10	16QAM	1	0		21.15		21.8	1
10	16QAM	1	25		21.12			
10	16QAM	1	49		21.12			
10	16QAM	25	0		19.87		20.8	2
10	16QAM	25	12		19.82			
10	16QAM	25	25		19.80			
10	16QAM	50	0		19.82			
10	64QAM	1	0		20.08		20.8	2
10	64QAM	1	25		20.00			
10	64QAM	1	49		19.95			
10	64QAM	25	0		18.83		19.8	3
10	64QAM	25	12		18.81			
10	64QAM	25	25		18.79			
10	64QAM	50	0		18.78			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.80	21.81	21.74	22.8	0
5	QPSK	1	12	21.66	21.68	21.65		
5	QPSK	1	24	21.64	21.65	21.67		
5	QPSK	12	0	20.84	20.73	20.82	21.8	1
5	QPSK	12	7	20.78	20.72	20.79		
5	QPSK	12	13	20.69	20.74	20.75		
5	QPSK	25	0	20.78	20.71	20.67		
5	16QAM	1	0	21.06	21.06	21.00	21.8	1
5	16QAM	1	12	20.99	20.98	21.02		
5	16QAM	1	24	21.07	21.10	21.08		
5	16QAM	12	0	19.81	19.78	19.74	20.8	2
5	16QAM	12	7	19.80	19.77	19.76		
5	16QAM	12	13	19.66	19.67	19.71		
5	16QAM	25	0	19.71	19.70	19.79		
5	64QAM	1	0	20.02	19.94	19.95	20.8	2
5	64QAM	1	12	19.98	19.90	19.85		
5	64QAM	1	24	19.92	19.81	19.93		
5	64QAM	12	0	18.77	18.76	18.73	19.8	3
5	64QAM	12	7	18.66	18.79	18.66		
5	64QAM	12	13	18.66	18.73	18.66		
5	64QAM	25	0	18.72	18.73	18.68		

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	22.42	22.52	22.50	23.5	0
10	QPSK	1	25	22.35	22.38	22.48		
10	QPSK	1	49	22.36	22.51	22.37		
10	QPSK	25	0	22.40	22.49	22.46	23.5	0
10	QPSK	25	12	22.34	22.41	22.38		
10	QPSK	25	25	22.38	22.37	22.35		
10	QPSK	50	0	22.38	22.47	22.44		
10	16QAM	1	0	22.31	22.38	22.38	23.5	0
10	16QAM	1	25	22.41	22.46	22.45		
10	16QAM	1	49	22.37	22.47	22.47		
10	16QAM	25	0	21.83	21.89	21.79	23	0.5
10	16QAM	25	12	21.75	21.84	21.66		
10	16QAM	25	25	21.81	21.96	21.87		
10	16QAM	50	0	21.80	21.83	21.82		
10	64QAM	1	0	21.96	22.02	21.92	23	0.5
10	64QAM	1	25	21.87	22.03	22.02		
10	64QAM	1	49	21.91	22.07	21.91		
10	64QAM	25	0	20.84	20.96	20.73	22	1.5
10	64QAM	25	12	20.73	20.89	20.73		
10	64QAM	25	25	20.82	20.85	20.94		
10	64QAM	50	0	20.88	20.83	20.77		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.39	22.44	22.43	23.5	0
5	QPSK	1	12	22.23	22.24	22.34		
5	QPSK	1	24	22.21	22.43	22.35		
5	QPSK	12	0	22.27	22.38	22.34	23.5	0
5	QPSK	12	7	22.24	22.35	22.33		
5	QPSK	12	13	22.26	22.24	22.31		
5	QPSK	25	0	22.29	22.45	22.39		
5	16QAM	1	0	22.28	22.28	22.30	23.5	0
5	16QAM	1	12	22.26	22.44	22.34		
5	16QAM	1	24	22.27	22.44	22.45		
5	16QAM	12	0	21.79	21.79	21.64	23	0.5
5	16QAM	12	7	21.68	21.72	21.63		
5	16QAM	12	13	21.66	21.82	21.72		
5	16QAM	25	0	21.68	21.78	21.74		
5	64QAM	1	0	21.89	22.01	21.89	23	0.5
5	64QAM	1	12	21.85	21.88	21.88		
5	64QAM	1	24	21.76	21.95	21.84		
5	64QAM	12	0	20.71	20.84	20.66	22	1.5
5	64QAM	12	7	20.66	20.74	20.72		
5	64QAM	12	13	20.68	20.84	20.92		
5	64QAM	25	0	20.73	20.70	20.76		

Band 17_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.72	22.75	22.73	23.5	0
10	QPSK	1	25	22.68	22.61	22.70		
10	QPSK	1	49	22.66	22.73	22.66		
10	QPSK	25	0	22.12	22.23	22.16	23	0.5
10	QPSK	25	12	21.90	22.09	21.89		
10	QPSK	25	25	22.03	22.19	22.07		
10	QPSK	50	0	22.06	22.14	22.05		
10	16QAM	1	0	22.32	22.43	22.46	23	0.5
10	16QAM	1	25	22.25	22.37	22.33		
10	16QAM	1	49	22.22	22.44	22.25		
10	16QAM	25	0	20.93	21.18	20.98	22	1.5
10	16QAM	25	12	20.89	21.02	21.09		
10	16QAM	25	25	21.09	21.20	21.14		
10	16QAM	50	0	21.03	21.04	21.11		
10	64QAM	1	0	21.27	21.30	21.24	22	1.5
10	64QAM	1	25	21.16	21.33	21.23		
10	64QAM	1	49	21.32	21.31	21.21		
10	64QAM	25	0	20.11	20.08	19.97	21	2.5
10	64QAM	25	12	19.93	20.09	19.93		
10	64QAM	25	25	20.07	20.12	20.00		
10	64QAM	50	0	20.01	20.20	20.05		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.59	22.60	22.68	23.5	0
5	QPSK	1	12	22.59	22.58	22.59		
5	QPSK	1	24	22.57	22.61	22.54		
5	QPSK	12	0	22.09	22.15	22.10	23	0.5
5	QPSK	12	7	21.86	22.06	21.78		
5	QPSK	12	13	21.93	22.07	22.00		
5	QPSK	25	0	22.03	22.03	21.91		
5	16QAM	1	0	22.19	22.29	22.39	23	0.5
5	16QAM	1	12	22.16	22.30	22.23		
5	16QAM	1	24	22.11	22.38	22.15		
5	16QAM	12	0	20.82	21.17	20.90	22	1.5
5	16QAM	12	7	20.86	20.98	21.08		
5	16QAM	12	13	21.02	21.17	20.99		
5	16QAM	25	0	20.90	20.90	21.09		
5	64QAM	1	0	21.24	21.29	21.19	22	1.5
5	64QAM	1	12	21.12	21.31	21.13		
5	64QAM	1	24	21.30	21.27	21.07		
5	64QAM	12	0	19.99	20.00	19.88	21	2.5
5	64QAM	12	7	19.89	20.03	19.84		
5	64QAM	12	13	19.97	19.98	19.89		
5	64QAM	25	0	19.92	20.06	20.01		

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	21.39	21.48	21.44	22.5	0
15	QPSK	1	37	21.32	21.43	21.36		
15	QPSK	1	74	21.35	21.35	21.43		
15	QPSK	36	0	21.38	21.47	21.40	22.5	0
15	QPSK	36	20	21.28	21.44	21.30		
15	QPSK	36	39	21.36	21.44	21.37		
15	QPSK	75	0	21.29	21.45	21.29		
15	16QAM	1	0	21.37	21.40	21.30	22.5	0
15	16QAM	1	37	21.36	21.46	21.33		
15	16QAM	1	74	21.34	21.45	21.36		
15	16QAM	36	0	21.34	21.47	21.33	22.5	0
15	16QAM	36	20	21.28	21.45	21.39		
15	16QAM	36	39	21.25	21.36	21.36		
15	16QAM	75	0	21.38	21.38	21.34		
15	64QAM	1	0	21.26	21.45	21.31	22.5	0
15	64QAM	1	37	21.31	21.33	21.43		
15	64QAM	1	74	21.25	21.36	21.33		
15	64QAM	36	0	20.83	20.96	20.86	22	0.5
15	64QAM	36	20	20.93	20.93	20.79		
15	64QAM	36	39	20.86	20.87	20.92		
15	64QAM	75	0	20.89	20.97	20.97		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.35	21.39	21.31	22.5	0
10	QPSK	1	25	21.24	21.40	21.30		
10	QPSK	1	49	21.23	21.32	21.37		
10	QPSK	25	0	21.36	21.43	21.35	22.5	0
10	QPSK	25	12	21.23	21.42	21.18		
10	QPSK	25	25	21.24	21.32	21.33		
10	QPSK	50	0	21.28	21.31	21.15		
10	16QAM	1	0	21.24	21.30	21.26	22.5	0
10	16QAM	1	25	21.25	21.37	21.27		
10	16QAM	1	49	21.29	21.39	21.33		
10	16QAM	25	0	21.23	21.45	21.23	22.5	0
10	16QAM	25	12	21.26	21.32	21.30		
10	16QAM	25	25	21.23	21.21	21.28		
10	16QAM	50	0	21.33	21.37	21.28		
10	64QAM	1	0	21.16	21.35	21.17	22.5	0
10	64QAM	1	25	21.22	21.18	21.32		
10	64QAM	1	49	21.12	21.28	21.29		
10	64QAM	25	0	20.76	20.82	20.76	22	0.5
10	64QAM	25	12	20.86	20.84	20.68		
10	64QAM	25	25	20.78	20.76	20.85		
10	64QAM	50	0	20.86	20.92	20.84		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.36	21.35	21.37	22.5	0
5	QPSK	1	12	21.17	21.37	21.21		
5	QPSK	1	24	21.31	21.21	21.37		
5	QPSK	12	0	21.28	21.44	21.26	22.5	0
5	QPSK	12	7	21.21	21.38	21.29		
5	QPSK	12	13	21.30	21.32	21.35		
5	QPSK	25	0	21.19	21.39	21.20		
5	16QAM	1	0	21.26	21.28	21.19	22.5	0
5	16QAM	1	12	21.21	21.43	21.18		
5	16QAM	1	24	21.25	21.40	21.33		
5	16QAM	12	0	21.28	21.32	21.31	22.5	0
5	16QAM	12	7	21.18	21.38	21.33		
5	16QAM	12	13	21.15	21.29	21.35		
5	16QAM	25	0	21.28	21.37	21.32		
5	64QAM	1	0	21.24	21.39	21.21	22.5	0
5	64QAM	1	12	21.16	21.19	21.36		
5	64QAM	1	24	21.23	21.34	21.32		
5	64QAM	12	0	20.70	20.92	20.81	22	0.5
5	64QAM	12	7	20.89	20.82	20.67		
5	64QAM	12	13	20.81	20.82	20.85		
5	64QAM	25	0	20.76	20.96	20.86		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.27	21.36	21.43	22.5	0
3	QPSK	1	8	21.27	21.28	21.27		
3	QPSK	1	14	21.29	21.31	21.34		
3	QPSK	8	0	21.26	21.37	21.28	22.5	0
3	QPSK	8	4	21.16	21.34	21.22		
3	QPSK	8	7	21.22	21.33	21.25		
3	QPSK	15	0	21.15	21.36	21.17		
3	16QAM	1	0	21.30	21.30	21.28	22.5	0
3	16QAM	1	8	21.22	21.37	21.32		
3	16QAM	1	14	21.25	21.42	21.33		
3	16QAM	8	0	21.21	21.45	21.29	22.5	0
3	16QAM	8	4	21.17	21.33	21.36		
3	16QAM	8	7	21.24	21.28	21.21		
3	16QAM	15	0	21.25	21.25	21.32		
3	64QAM	1	0	21.11	21.32	21.18	22.5	0
3	64QAM	1	8	21.29	21.32	21.39		
3	64QAM	1	14	21.20	21.29	21.30		
3	64QAM	8	0	20.71	20.91	20.78	22	0.5
3	64QAM	8	4	20.84	20.78	20.69		
3	64QAM	8	7	20.77	20.79	20.79		
3	64QAM	15	0	20.80	20.88	20.94		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.30	21.47	21.32	22.5	0
1.4	QPSK	1	3	21.25	21.33	21.32		
1.4	QPSK	1	5	21.33	21.23	21.31		
1.4	QPSK	3	0	21.33	21.43	21.25		
1.4	QPSK	3	1	21.27	21.33	21.15		
1.4	QPSK	3	3	21.21	21.37	21.28		
1.4	QPSK	6	0	21.28	21.32	21.22	22.5	0
1.4	16QAM	1	0	21.34	21.36	21.16	22.5	0
1.4	16QAM	1	3	21.24	21.31	21.20		
1.4	16QAM	1	5	21.22	21.34	21.32		
1.4	16QAM	3	0	21.33	21.35	21.25		
1.4	16QAM	3	1	21.20	21.35	21.38		
1.4	16QAM	3	3	21.20	21.25	21.21		
1.4	16QAM	6	0	21.33	21.26	21.31	22.5	0
1.4	64QAM	1	0	21.20	21.40	21.16	22.5	0
1.4	64QAM	1	3	21.19	21.31	21.39		
1.4	64QAM	1	5	21.14	21.30	21.30		
1.4	64QAM	3	0	21.08	21.28	21.14		
1.4	64QAM	3	1	21.06	21.27	21.34		
1.4	64QAM	3	3	21.06	21.27	21.16		
1.4	64QAM	6	0	20.86	20.87	20.90	22	0.5

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	21.94	22.00	21.90		
15	QPSK	1	37	21.89	21.88	21.76	23	0
15	QPSK	1	74	21.82	21.98	21.77		
15	QPSK	36	0	21.62	21.72	21.63		
15	QPSK	36	20	21.60	21.61	21.52	22	1
15	QPSK	36	39	21.49	21.58	21.53		
15	QPSK	75	0	21.51	21.62	21.59		
15	16QAM	1	0	21.89	21.90	21.96		
15	16QAM	1	37	21.87	21.99	21.88	22	1
15	16QAM	1	74	21.79	21.91	21.80		
15	16QAM	36	0	20.67	20.69	20.59		
15	16QAM	36	20	20.58	20.77	20.64	21	2
15	16QAM	36	39	20.73	20.68	20.77		
15	16QAM	75	0	20.68	20.78	20.80		
15	64QAM	1	0	20.79	20.78	20.75		
15	64QAM	1	37	20.83	20.81	20.80	21	2
15	64QAM	1	74	20.74	20.79	20.78		
15	64QAM	36	0	19.52	19.74	19.55		
15	64QAM	36	20	19.72	19.76	19.76	20	3
15	64QAM	36	39	19.74	19.78	19.64		
15	64QAM	75	0	19.65	19.71	19.64		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.93	21.94	21.84		
10	QPSK	1	25	21.84	21.87	21.72	23	0
10	QPSK	1	49	21.73	21.93	21.73		
10	QPSK	25	0	21.50	21.65	21.62		
10	QPSK	25	12	21.48	21.51	21.44	22	1
10	QPSK	25	25	21.38	21.46	21.51		
10	QPSK	50	0	21.37	21.53	21.51		
10	16QAM	1	0	21.74	21.97	21.81		
10	16QAM	1	25	21.75	21.97	21.77	22	1
10	16QAM	1	49	21.70	21.83	21.68		
10	16QAM	25	0	20.58	20.56	20.56		
10	16QAM	25	12	20.50	20.70	20.61	21	2
10	16QAM	25	25	20.68	20.59	20.75		
10	16QAM	50	0	20.63	20.77	20.65		
10	64QAM	1	0	20.74	20.77	20.73		
10	64QAM	1	25	20.72	20.79	20.76	21	2
10	64QAM	1	49	20.63	20.71	20.64		
10	64QAM	25	0	19.51	19.73	19.41		
10	64QAM	25	12	19.63	19.65	19.62	20	3
10	64QAM	25	25	19.62	19.71	19.54		
10	64QAM	50	0	19.56	19.64	19.49		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.85	21.92	21.83		
5	QPSK	1	12	21.74	21.82	21.75	23	0
5	QPSK	1	24	21.74	21.94	21.75		
5	QPSK	12	0	21.49	21.65	21.55		
5	QPSK	12	7	21.53	21.56	21.43	22	1
5	QPSK	12	13	21.43	21.55	21.38		
5	QPSK	25	0	21.37	21.55	21.49		
5	16QAM	1	0	21.84	21.93	21.86		
5	16QAM	1	12	21.77	21.87	21.86	22	1
5	16QAM	1	24	21.66	21.89	21.65		
5	16QAM	12	0	20.55	20.65	20.55		
5	16QAM	12	7	20.44	20.69	20.63	21	2
5	16QAM	12	13	20.68	20.62	20.65		
5	16QAM	25	0	20.57	20.72	20.67		
5	64QAM	1	0	20.76	20.63	20.66		
5	64QAM	1	12	20.73	20.68	20.73	21	2
5	64QAM	1	24	20.61	20.64	20.67		
5	64QAM	12	0	19.48	19.65	19.52		
5	64QAM	12	7	19.65	19.75	19.64	20	3
5	64QAM	12	13	19.61	19.71	19.58		
5	64QAM	25	0	19.52	19.61	19.53		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.92	21.85	21.77		
3	QPSK	1	8	21.76	21.83	21.67	23	0
3	QPSK	1	14	21.76	21.96	21.70		
3	QPSK	8	0	21.47	21.58	21.62		
3	QPSK	8	4	21.57	21.59	21.44	22	1
3	QPSK	8	7	21.45	21.47	21.43		
3	QPSK	15	0	21.50	21.49	21.53		
3	16QAM	1	0	21.83	21.94	21.81		
3	16QAM	1	8	21.80	21.96	21.84	22	1
3	16QAM	1	14	21.72	21.76	21.75		
3	16QAM	8	0	20.54	20.63	20.44		
3	16QAM	8	4	20.46	20.73	20.59	21	2
3	16QAM	8	7	20.70	20.58	20.75		
3	16QAM	15	0	20.55	20.68	20.78		
3	64QAM	1	0	20.74	20.68	20.66		
3	64QAM	1	8	20.69	20.66	20.79	21	2
3	64QAM	1	14	20.60	20.75	20.72		
3	64QAM	8	0	19.40	19.64	19.44		
3	64QAM	8	4	19.62	19.62	19.65	20	3
3	64QAM	8	7	19.71	19.74	19.53		
3	64QAM	15	0	19.55	19.70	19.59		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.88	21.95	21.84		
1.4	QPSK	1	3	21.86	21.82	21.62		
1.4	QPSK	1	5	21.77	21.88	21.74	23	0
1.4	QPSK	3	0	21.54	21.58	21.58		
1.4	QPSK	3	1	21.52	21.57	21.45		
1.4	QPSK	3	3	21.37	21.43	21.43		
1.4	QPSK	6	0	21.42	21.53	21.45	22	1
1.4	16QAM	1	0	21.81	21.96	21.85		
1.4	16QAM	1	3	21.85	21.91	21.78		
1.4	16QAM	1	5	21.72	21.89	21.65	22	1
1.4	16QAM	3	0	21.72	21.93	21.84		
1.4	16QAM	3	1	21.74	21.85	21.64		
1.4	16QAM	3	3	21.57	21.76	21.59		
1.4	16QAM	6	0	20.63	20.69	20.77	21	2
1.4	64QAM	1	0	20.74	20.65	20.63		
1.4	64QAM	1	3	20.78	20.74	20.69		
1.4	64QAM	1	5	20.72	20.71	20.76	21	2
1.4	64QAM	3	0	20.73	20.62	20.60		
1.4	64QAM	3	1	20.65	20.69	20.59		
1.4	64QAM	3	3	20.58	20.57	20.68		
1.4	64QAM	6	0	19.50	19.67	19.54	20	3

Band 66_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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.12	20.18	20.08		
20	QPSK	1	49	20.06	20.09	19.94	21	0
20	QPSK	1	99	20.05	20.17	20.00		
20	QPSK	50	0	20.07	20.09	20.01		
20	QPSK	50	24	20.06	20.06	19.94	21	0
20	QPSK	50	50	20.06	20.04	19.94		
20	QPSK	100	0	19.96	20.04	19.95		
20	16QAM	1	0	20.03	20.09	19.97		
20	16QAM	1	49	20.05	20.17	20.07	21	0
20	16QAM	1	99	20.11	20.15	20.01		
20	16QAM	50	0	20.08	20.16	19.97		
20	16QAM	50	24	20.06	20.15	19.93	21	0
20	16QAM	50	50	20.02	20.16	19.98		
20	16QAM	100	0	20.07	20.13	19.94		
20	64QAM	1	0	20.06	20.15	19.98		
20	64QAM	1	49	20.09	20.14	19.98	21	0
20	64QAM	1	99	20.11	20.04	19.93		
20	64QAM	50	0	20.03	20.15	20.03		
20	64QAM	50	24	20.00	20.07	20.03	21	0
20	64QAM	50	50	20.09	20.17	19.97		
20	64QAM	100	0	20.09	20.06	20.04		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.04	20.08	19.96		
15	QPSK	1	37	19.92	19.94	19.91	21	0
15	QPSK	1	74	19.99	20.07	19.96		
15	QPSK	36	0	19.99	19.96	19.88		
15	QPSK	36	20	19.94	19.96	19.83	21	0
15	QPSK	36	39	19.92	19.93	19.91		
15	QPSK	75	0	19.82	19.91	19.83		
15	16QAM	1	0	19.94	20.06	19.83		
15	16QAM	1	37	19.96	20.03	19.96	21	0
15	16QAM	1	74	20.08	20.13	19.89		
15	16QAM	36	0	20.06	20.12	19.87		
15	16QAM	36	20	20.04	20.13	19.83	21	0
15	16QAM	36	39	19.96	20.10	19.85		
15	16QAM	75	0	20.02	20.09	19.92		
15	64QAM	1	0	20.05	20.07	19.84		
15	64QAM	1	37	19.95	20.05	19.97	21	0
15	64QAM	1	74	19.99	19.92	19.87		
15	64QAM	36	0	19.96	20.01	19.95		
15	64QAM	36	20	19.94	20.04	19.92	21	0
15	64QAM	36	39	20.07	20.16	19.87		
15	64QAM	75	0	19.98	20.04	20.01		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.06	20.12	19.93		
10	QPSK	1	25	19.95	20.01	19.85	21	0
10	QPSK	1	49	19.91	20.07	19.92		
10	QPSK	25	0	20.06	20.05	19.89		
10	QPSK	25	12	19.96	19.92	19.82	21	0
10	QPSK	25	25	19.97	20.00	19.84		
10	QPSK	50	0	19.82	19.94	19.93		
10	16QAM	1	0	19.88	19.95	19.86		
10	16QAM	1	25	20.00	20.05	19.92	21	0
10	16QAM	1	49	20.08	20.05	19.91		
10	16QAM	25	0	20.07	20.07	19.85		
10	16QAM	25	12	19.91	20.10	19.85	21	0
10	16QAM	25	25	19.92	20.14	19.83		
10	16QAM	50	0	20.03	20.09	19.81		
10	64QAM	1	0	19.95	20.12	19.88		
10	64QAM	1	25	20.08	20.06	19.91	21	0
10	64QAM	1	49	19.98	20.00	19.87		
10	64QAM	25	0	19.95	20.09	19.96		
10	64QAM	25	12	19.97	19.94	20.00	21	0
10	64QAM	25	25	20.04	20.06	19.86		
10	64QAM	50	0	20.05	20.02	19.99		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.07	20.10	20.00		
5	QPSK	1	12	19.94	19.94	19.86	21	0
5	QPSK	1	24	19.91	20.08	19.98		
5	QPSK	12	0	20.05	19.97	19.87		
5	QPSK	12	7	19.99	20.00	19.79	21	0
5	QPSK	12	13	19.84	19.97	19.93		
5	QPSK	25	0	19.84	19.93	19.90		
5	16QAM	1	0	19.95	19.99	19.88		
5	16QAM	1	12	19.94	20.03	19.95	21	0
5	16QAM	1	24	20.03	20.02	19.95		
5	16QAM	12	0	20.02	20.09	19.86		
5	16QAM	12	7	19.98	20.05	19.87	21	0
5	16QAM	12	13	20.00	20.05	19.94		
5	16QAM	25	0	20.05	19.99	19.92		
5	64QAM	1	0	19.97	20.10	19.89		
5	64QAM	1	12	19.96	20.12	19.85	21	0
5	64QAM	1	24	20.01	19.89	19.86		
5	64QAM	12	0	19.99	20.04	19.92		
5	64QAM	12	7	19.95	19.94	19.89	21	0
5	64QAM	12	13	19.94	20.04	19.88		
5	64QAM	25	0	20.08	19.98	19.98		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.00	20.15	20.00		
3	QPSK	1	8	19.91	19.94	19.91	21	0
3	QPSK	1	14	19.96	20.07	19.87		
3	QPSK	8	0	19.97	20.00	19.95		
3	QPSK	8	4	20.04	19.92	19.84	21	0
3	QPSK	8	7	19.92	19.96	19.91		
3	QPSK	15	0	19.95	19.89	19.81		
3	16QAM	1	0	19.99	20.03	19.88		
3	16QAM	1	8	19.94	20.15	19.97	21	0
3	16QAM	1	14	19.97	20.00	20.00		
3	16QAM	8	0	19.95	20.10	19.85		
3	16QAM	8	4	20.02	20.05	19.88	21	0
3	16QAM	8	7	19.95	20.13	19.96		
3	16QAM	15	0	19.92	20.10	19.89		
3	64QAM	1	0	19.93	20.10	19.86		
3	64QAM	1	8	19.96	20.12	19.94	21	0
3	64QAM	1	14	20.08	19.95	19.82		
3	64QAM	8	0	19.95	20.13	19.89		
3	64QAM	8	4	19.93	19.98	19.88	21	0
3	64QAM	8	7	19.96	20.09	19.88		
3	64QAM	15	0	20.01	19.93	20.01		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.11	20.08	19.99		
1.4	QPSK	1	3	19.95	19.95	19.93		
1.4	QPSK	1	5	19.91	20.11	19.99	21	0
1.4	QPSK	3	0	19.95	20.08	19.87		
1.4	QPSK	3	1	19.96	19.97	19.92		
1.4	QPSK	3	3	19.92	19.93	19.89		
1.4	QPSK	6	0	19.87	19.98	19.86	21	0
1.4	16QAM	1	0	19.95	20.07	19.86		
1.4	16QAM	1	3	19.96	20.14	19.99		
1.4	16QAM	1	5	20.10	20.06	19.90	21	0
1.4	16QAM	3	0	19.96	20.01	19.86		
1.4	16QAM	3	1	19.91	20.09	19.86		
1.4	16QAM	3	3	19.87	20.15	19.88		
1.4	16QAM	6	0	20.00	20.04	19.93	21	0
1.4	64QAM	1	0	20.03	20.07	19.95		
1.4	64QAM	1	3	20.01	20.10	19.83		
1.4	64QAM	1	5	20.09	19.91	19.87	21	0
1.4	64QAM	3	0	19.90	20.11	19.94		
1.4	64QAM	3	1	19.99	19.95	20.01		
1.4	64QAM	3	3	20.03	20.13	19.90		
1.4	64QAM	6	0	19.95	19.92	19.92	21	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.09	21.11	21.05		
20	QPSK	1	49	21.06	20.98	21.03	21.5	0
20	QPSK	1	99	20.96	21.00	20.90		
20	QPSK	50	0	21.07	21.08	21.04		
20	QPSK	50	24	20.94	20.99	20.96	21.5	0
20	QPSK	50	50	21.03	20.99	20.98		
20	QPSK	100	0	21.01	21.03	20.90		
20	16QAM	1	0	21.06	21.04	20.99		
20	16QAM	1	49	21.08	20.96	21.02	21.5	0
20	16QAM	1	99	21.03	21.06	21.01		
20	16QAM	50	0	21.08	21.02	20.97		
20	16QAM	50	24	20.96	21.00	20.94	21.5	0
20	16QAM	50	50	21.08	21.05	20.97		
20	16QAM	100	0	21.00	21.07	20.92		
20	64QAM	1	0	21.08	21.06	21.00		
20	64QAM	1	49	21.07	21.09	21.03	21.5	0
20	64QAM	1	99	20.99	21.07	21.01		
20	64QAM	50	0	21.08	20.99	20.98		
20	64QAM	50	24	20.94	21.04	21.01	21.5	0
20	64QAM	50	50	20.97	20.97	21.01		
20	64QAM	100	0	20.96	21.06	20.92		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.00	20.98	21.04		
15	QPSK	1	37	20.93	20.90	20.88	21.5	0
15	QPSK	1	74	20.89	20.96	20.87		
15	QPSK	36	0	21.05	21.06	21.02		
15	QPSK	36	20	20.93	20.85	20.84	21.5	0
15	QPSK	36	39	21.02	20.94	20.93		
15	QPSK	75	0	20.88	20.90	20.81		
15	16QAM	1	0	20.98	20.90	20.93		
15	16QAM	1	37	20.99	20.86	20.92	21.5	0
15	16QAM	1	74	21.02	20.95	20.96		
15	16QAM	36	0	21.05	20.88	20.86		
15	16QAM	36	20	20.90	20.86	20.86	21.5	0
15	16QAM	36	39	20.95	21.00	20.84		
15	16QAM	75	0	20.95	20.99	20.89		
15	64QAM	1	0	21.06	21.00	20.92		
15	64QAM	1	37	20.95	21.01	20.95	21.5	0
15	64QAM	1	74	20.84	21.04	20.94		
15	64QAM	36	0	21.07	20.85	20.90		
15	64QAM	36	20	20.81	20.98	20.86	21.5	0
15	64QAM	36	39	20.92	20.85	20.98		
15	64QAM	75	0	20.82	20.98	20.85		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.08	21.01	20.90		
10	QPSK	1	25	20.97	20.84	20.98	21.5	0
10	QPSK	1	49	20.85	20.88	20.76		
10	QPSK	25	0	21.05	21.05	20.92		
10	QPSK	25	12	20.88	20.97	20.87	21.5	0
10	QPSK	25	25	20.94	20.93	20.83		
10	QPSK	50	0	20.90	20.89	20.80		
10	16QAM	1	0	21.01	20.98	20.90		
10	16QAM	1	25	20.96	20.82	20.88	21.5	0
10	16QAM	1	49	20.98	20.94	20.96		
10	16QAM	25	0	20.99	21.00	20.83		
10	16QAM	25	12	20.87	20.94	20.79	21.5	0
10	16QAM	25	25	20.98	20.98	20.82		
10	16QAM	50	0	20.86	20.98	20.91		
10	64QAM	1	0	20.99	20.99	20.94		
10	64QAM	1	25	20.94	21.02	20.93	21.5	0
10	64QAM	1	49	20.90	20.98	20.92		
10	64QAM	25	0	20.99	20.98	20.92		
10	64QAM	25	12	20.85	21.02	20.99	21.5	0
10	64QAM	25	25	20.84	20.92	20.97		
10	64QAM	50	0	20.83	20.91	20.84		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.04	21.07	20.97		
5	QPSK	1	12	21.04	20.97	21.00	21.5	0
5	QPSK	1	24	20.91	20.99	20.83		
5	QPSK	12	0	20.96	20.98	20.90		
5	QPSK	12	7	20.93	20.85	20.84	21.5	0
5	QPSK	12	13	20.92	20.89	20.87		
5	QPSK	25	0	20.90	21.00	20.82		
5	16QAM	1	0	21.03	21.01	20.93		
5	16QAM	1	12	21.07	20.92	20.91	21.5	0
5	16QAM	1	24	21.02	20.95	20.89		
5	16QAM	12	0	20.98	20.92	20.94		
5	16QAM	12	7	20.88	20.96	20.88	21.5	0
5	16QAM	12	13	20.93	20.93	20.87		
5	16QAM	25	0	20.92	21.02	20.82		
5	64QAM	1	0	20.96	20.98	20.97		
5	64QAM	1	12	20.98	21.00	20.92	21.5	0
5	64QAM	1	24	20.92	20.96	20.88		
5	64QAM	12	0	20.98	20.94	20.90		
5	64QAM	12	7	20.88	21.03	20.99	21.5	0
5	64QAM	12	13	20.94	20.89	20.91		
5	64QAM	25	0	20.92	20.94	20.79		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.07	20.97	20.94		
3	QPSK	1	8	20.93	20.86	21.02	21.5	0
3	QPSK	1	14	20.91	20.91	20.88		
3	QPSK	8	0	20.98	21.01	20.91		
3	QPSK	8	4	20.87	20.96	20.81	21.5	0
3	QPSK	8	7	20.98	20.86	20.95		
3	QPSK	15	0	20.98	20.97	20.75		
3	16QAM	1	0	20.92	20.99	20.95		
3	16QAM	1	8	20.93	20.94	20.99	21.5	0
3	16QAM	1	14	20.89	21.02	20.99		
3	16QAM	8	0	21.07	20.92	20.84		
3	16QAM	8	4	20.85	20.92	20.87	21.5	0
3	16QAM	8	7	20.95	20.98	20.95		
3	16QAM	15	0	20.92	20.94	20.83		
3	64QAM	1	0	20.94	20.98	20.96		
3	64QAM	1	8	20.93	20.96	20.95	21.5	0
3	64QAM	1	14	20.86	20.95	20.99		
3	64QAM	8	0	21.00	20.87	20.86		
3	64QAM	8	4	20.81	20.93	20.98	21.5	0
3	64QAM	8	7	20.87	20.86	21.00		
3	64QAM	15	0	20.82	21.01	20.83		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.04	20.99	20.99		
1.4	QPSK	1	3	20.95	20.84	20.93		
1.4	QPSK	1	5	20.92	20.97	20.78	21.5	0
1.4	QPSK	3	0	20.96	21.04	20.95		
1.4	QPSK	3	1	20.82	20.91	20.81		
1.4	QPSK	3	3	20.94	20.94

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BW [MHz]	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	20.50	20.58	20.51		
20	QPSK	1	49	20.47	20.47	20.38	21	0
20	QPSK	1	99	20.36	20.49	20.36		
20	QPSK	50	0	20.47	20.57	20.50		
20	QPSK	50	24	20.45	20.44	20.38	21	0
20	QPSK	50	50	20.41	20.47	20.49		
20	QPSK	100	0	20.42	20.52	20.43		
20	16QAM	1	0	20.48	20.53	20.49		
20	16QAM	1	49	20.35	20.54	20.46	21	0
20	16QAM	1	99	20.37	20.54	20.44		
20	16QAM	50	0	20.09	20.22	20.11		
20	16QAM	50	24	20.10	20.14	20.07	21	0
20	16QAM	50	50	19.88	20.17	19.96		
20	16QAM	100	0	20.08	20.16	20.08		
20	64QAM	1	0	20.46	20.41	20.45		
20	64QAM	1	49	20.21	20.28	20.20	21	0
20	64QAM	1	99	20.20	20.25	20.17		
20	64QAM	50	0	19.23	19.17	19.21		
20	64QAM	50	24	19.18	19.19	19.11	20	1
20	64QAM	50	50	18.95	19.09	19.15		
20	64QAM	100	0	19.19	19.13	18.96		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.41	20.57	20.49		
15	QPSK	1	37	20.39	20.38	20.31	21	0
15	QPSK	1	74	20.26	20.41	20.25		
15	QPSK	36	0	20.36	20.45	20.49		
15	QPSK	36	20	20.35	20.39	20.36	21	0
15	QPSK	36	39	20.31	20.39	20.34		
15	QPSK	75	0	20.34	20.37	20.30		
15	16QAM	1	0	20.46	20.39	20.46		
15	16QAM	1	37	20.28	20.51	20.40	21	0
15	16QAM	1	74	20.32	20.48	20.35		
15	16QAM	36	0	19.98	20.17	19.98		
15	16QAM	36	20	20.05	20.05	19.99	21	0
15	16QAM	36	39	19.85	20.02	19.82		
15	16QAM	75	0	19.93	20.04	19.93		
15	64QAM	1	0	20.37	20.31	20.33		
15	64QAM	1	37	20.18	20.18	20.10	21	0
15	64QAM	1	74	20.09	20.23	20.10		
15	64QAM	36	0	19.09	19.16	19.07		
15	64QAM	36	20	19.08	19.10	18.97	20	1
15	64QAM	36	39	18.92	18.98	19.11		
15	64QAM	75	0	19.16	19.09	18.93		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.47	20.47	20.37		
10	QPSK	1	25	20.39	20.34	20.25	21	0
10	QPSK	1	49	20.23	20.42	20.30		
10	QPSK	25	0	20.39	20.49	20.45		
10	QPSK	25	12	20.41	20.41	20.37	21	0
10	QPSK	25	25	20.36	20.36	20.35		
10	QPSK	50	0	20.31	20.47	20.31		
10	16QAM	1	0	20.44	20.46	20.41		
10	16QAM	1	25	20.23	20.53	20.45	21	0
10	16QAM	1	49	20.24	20.41	20.33		
10	16QAM	25	0	20.05	20.20	20.03		
10	16QAM	25	12	20.09	20.02	20.01	21	0
10	16QAM	25	25	19.81	20.15	19.81		
10	16QAM	50	0	20.03	20.06	20.00		
10	64QAM	1	0	20.43	20.39	20.37		
10	64QAM	1	25	20.20	20.15	20.19	21	0
10	64QAM	1	49	20.18	20.17	20.02		
10	64QAM	25	0	19.20	19.03	19.09		
10	64QAM	25	12	19.10	19.10	18.98	20	1
10	64QAM	25	25	18.84	18.97	19.09		
10	64QAM	50	0	19.11	19.05	18.81		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.39	20.53	20.48		
5	QPSK	1	12	20.36	20.40	20.33	21	0
5	QPSK	1	24	20.29	20.36	20.28		
5	QPSK	12	0	20.34	20.55	20.35		
5	QPSK	12	7	20.33	20.40	20.37	21	0
5	QPSK	12	13	20.30	20.37	20.47		
5	QPSK	25	0	20.35	20.45	20.30		
5	16QAM	1	0	20.44	20.45	20.41		
5	16QAM	1	12	20.27	20.48	20.41	21	0
5	16QAM	1	24	20.24	20.42	20.42		
5	16QAM	12	0	20.00	20.18	19.99		
5	16QAM	12	7	19.99	20.02	20.05	21	0
5	16QAM	12	13	19.79	20.16	19.81		
5	16QAM	25	0	20.07	20.05	20.00		
5	64QAM	1	0	20.43	20.39	20.39		
5	64QAM	1	12	20.06	20.16	20.19	21	0
5	64QAM	1	24	20.11	20.15	20.16		
5	64QAM	12	0	19.14	19.03	19.17		
5	64QAM	12	7	19.03	19.17	19.03	20	1
5	64QAM	12	13	18.91	19.04	19.13		
5	64QAM	25	0	19.07	19.05	18.87		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.48	20.45	20.38		
3	QPSK	1	8	20.36	20.45	20.27	21	0
3	QPSK	1	14	20.34	20.42	20.23		
3	QPSK	8	0	20.44	20.55	20.46		
3	QPSK	8	4	20.34	20.41	20.34	21	0
3	QPSK	8	7	20.31	20.32	20.46		
3	QPSK	15	0	20.41	20.49	20.32		
3	16QAM	1	0	20.39	20.50	20.38		
3	16QAM	1	8	20.27	20.44	20.39	21	0
3	16QAM	1	14	20.31	20.52	20.30		
3	16QAM	8	0	19.94	20.18	20.06		
3	16QAM	8	4	20.06	20.05	19.97	21	0
3	16QAM	8	7	19.76	20.11	19.83		
3	16QAM	15	0	20.06	20.05	20.07		
3	64QAM	1	0	20.34	20.33	20.44		
3	64QAM	1	8	20.10	20.26	20.06	21	0
3	64QAM	1	14	20.12	20.23	20.15		
3	64QAM	8	0	19.11	19.08	19.11		
3	64QAM	8	4	19.17	19.12	19.00	20	1
3	64QAM	8	7	18.86	18.97	19.00		
3	64QAM	15	0	19.10	19.11	18.89		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.37	20.53	20.44		
1.4	QPSK	1	3	20.44	20.35	20.25		
1.4	QPSK	1	5	20.29	20.42	20.32	21	0
1.4	QPSK	3	0	20.45	20.56	20.42		
1.4	QPSK	3	1	20.40	20.29	20.29		
1.4	QPSK	3	3	20.33	20.36	20.37		
1.4	QPSK	6	0	20.29	20.49	20.39	21	0
1.4	16QAM	1	0	20.38	20.49	20.34		
1.4	16QAM	1	3	20.33	20.50	20.35		
1.4	16QAM	1	5	20.33	20.42	20.39	21	0
1.4	16QAM	3	0	20.36	20.39	20.29		
1.4	16QAM	3	1	20.23	20.46	20.27		
1.4	16QAM	3	3	20.28	20.30	20.36		
1.4	16QAM	6	0	20.01	20.08	19.97	21	0
1.4	64QAM	1	0	20.43	20.37	20.44		
1.4	64QAM	1	3	20.18	20.21	20.09		
1.4	64QAM	1	5	20.18	20.11	20.03	21	0
1.4	64QAM	3	0	20.35	20.32	20.29		
1.4	64QAM	3	1	20.11	20.10	20.00		
1.4	64QAM	3	3	20.17	20.05	19.95		
1.4	64QAM	6	0	19.17	18.98	18.90	20	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.81	21.87	21.83	22.5	0
20	QPSK	1	49	21.69	21.76	21.76		
20	QPSK	1	99	21.77	21.72	21.74		
20	QPSK	50	0	21.77	21.82	21.80	22.5	0
20	QPSK	50	24	21.76	21.80	21.71		
20	QPSK	50	50	21.69	21.81	21.71		
20	QPSK	100	0	21.73	21.76	21.72		
20	16QAM	1	0	21.74	21.82	21.74	22.5	0
20	16QAM	1	49	21.73	21.78	21.73		
20	16QAM	1	99	21.75	21.85	21.77		
20	16QAM	50	0	21.69	21.84	21.69	22.5	0
20	16QAM	50	24	21.68	21.86	21.82		
20	16QAM	50	50	21.77	21.85	21.73		
20	16QAM	100	0	21.78	21.78	21.72		
20	64QAM	1	0	21.75	21.73	21.72	22.5	0
20	64QAM	1	49	21.67	21.74	21.78		
20	64QAM	1	99	21.71	21.72	21.69		
20	64QAM	50	0	21.37	21.41	21.30	22	0.5
20	64QAM	50	24	21.32	21.40	21.20		
20	64QAM	50	50	21.22	21.35	21.31		
20	64QAM	100	0	21.24	21.35	21.36		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.76	21.79	21.75	22.5	0
15	QPSK	1	37	21.60	21.72	21.68		
15	QPSK	1	74	21.75	21.70	21.70		
15	QPSK	36	0	21.76	21.80	21.79	22.5	0
15	QPSK	36	20	21.75	21.78	21.59		
15	QPSK	36	39	21.60	21.80	21.62		
15	QPSK	75	0	21.61	21.63	21.58		
15	16QAM	1	0	21.73	21.75	21.64	22.5	0
15	16QAM	1	37	21.60	21.77	21.63		
15	16QAM	1	74	21.60	21.81	21.70		
15	16QAM	36	0	21.65	21.74	21.63	22.5	0
15	16QAM	36	20	21.53	21.84	21.67		
15	16QAM	36	39	21.76	21.83	21.62		
15	16QAM	75	0	21.71	21.73	21.70		
15	64QAM	1	0	21.68	21.71	21.58	22.5	0
15	64QAM	1	37	21.55	21.63	21.64		
15	64QAM	1	74	21.63	21.67	21.65		
15	64QAM	36	0	21.24	21.29	21.19	22	0.5
15	64QAM	36	20	21.31	21.38	21.18		
15	64QAM	36	39	21.17	21.33	21.29		
15	64QAM	75	0	21.15	21.25	21.32		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.70	21.75	21.75	22.5	0
10	QPSK	1	25	21.60	21.66	21.64		
10	QPSK	1	49	21.68	21.67	21.61		
10	QPSK	25	0	21.72	21.77	21.74	22.5	0
10	QPSK	25	12	21.65	21.76	21.56		
10	QPSK	25	25	21.67	21.69	21.61		
10	QPSK	50	0	21.63	21.74	21.71		
10	16QAM	1	0	21.65	21.74	21.62	22.5	0
10	16QAM	1	25	21.69	21.72	21.64		
10	16QAM	1	49	21.70	21.83	21.75		
10	16QAM	25	0	21.55	21.79	21.61	22.5	0
10	16QAM	25	12	21.67	21.83	21.73		
10	16QAM	25	25	21.66	21.83	21.62		
10	16QAM	50	0	21.63	21.69	21.68		
10	64QAM	1	0	21.63	21.62	21.70	22.5	0
10	64QAM	1	25	21.65	21.61	21.66		
10	64QAM	1	49	21.63	21.71	21.54		
10	64QAM	25	0	21.28	21.30	21.27	22	0.5
10	64QAM	25	12	21.26	21.30	21.07		
10	64QAM	25	25	21.12	21.23	21.25		
10	64QAM	50	0	21.13	21.26	21.23		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.67	21.73	21.79	22.5	0
5	QPSK	1	12	21.63	21.75	21.72		
5	QPSK	1	24	21.68	21.70	21.73		
5	QPSK	12	0	21.68	21.80	21.68	22.5	0
5	QPSK	12	7	21.74	21.76	21.62		
5	QPSK	12	13	21.55	21.71	21.67		
5	QPSK	25	0	21.68	21.66	21.58		
5	16QAM	1	0	21.63	21.71	21.71	22.5	0
5	16QAM	1	12	21.58	21.68	21.65		
5	16QAM	1	24	21.73	21.83	21.76		
5	16QAM	12	0	21.57	21.79	21.64	22.5	0
5	16QAM	12	7	21.61	21.73	21.72		
5	16QAM	12	13	21.69	21.73	21.61		
5	16QAM	25	0	21.67	21.72	21.67		
5	64QAM	1	0	21.60	21.72	21.60	22.5	0
5	64QAM	1	12	21.52	21.66	21.73		
5	64QAM	1	24	21.70	21.64	21.54		
5	64QAM	12	0	21.24	21.39	21.18	22	0.5
5	64QAM	12	7	21.17	21.31	21.11		
5	64QAM	12	13	21.20	21.29	21.29		
5	64QAM	25	0	21.14	21.21	21.30		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.62	23.69	23.57	24	0
20	QPSK	1	49	23.61	23.61	23.52		
20	QPSK	1	99	23.54	23.51	23.46		
20	QPSK	50	0	23.61	23.66	23.55	24	0
20	QPSK	50	24	23.48	23.57	23.51		
20	QPSK	50	50	23.51	23.58	23.55		
20	QPSK	100	0	23.57	23.59	23.56		
20	16QAM	1	0	23.64	23.61	23.51	24	0
20	16QAM	1	49	23.64	23.59	23.58		
20	16QAM	1	99	23.58	23.55	23.58		
20	16QAM	50	0	22.51	22.66	22.55	23	1
20	16QAM	50	24	22.69	22.75	22.66		
20	16QAM	50	50	22.68	22.70	22.64		
20	16QAM	100	0	22.58	22.62	22.56		
20	64QAM	1	0	22.27	22.44	22.34	23	1
20	64QAM	1	49	22.32	22.41	22.46		
20	64QAM	1	99	22.43	22.48	22.41		
20	64QAM	50	0	21.51	21.70	21.55	22	2
20	64QAM	50	24	21.60	21.71	21.65		
20	64QAM	50	50	21.62	21.58	21.54		
20	64QAM	100	0	21.59	21.66	21.67		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.56	23.59	23.53	24	0
15	QPSK	1	37	23.60	23.47	23.51		
15	QPSK	1	74	23.53	23.39	23.42		
15	QPSK	36	0	23.48	23.62	23.44	24	0
15	QPSK	36	20	23.42	23.55	23.49		
15	QPSK	36	39	23.47	23.56	23.52		
15	QPSK	75	0	23.55	23.46	23.49		
15	16QAM	1	0	23.53	23.64	23.49	24	0
15	16QAM	1	37	23.50	23.57	23.45		
15	16QAM	1	74	23.52	23.66	23.61		
15	16QAM	36	0	22.38	22.54	22.48	23	1
15	16QAM	36	20	22.56	22.65	22.62		
15	16QAM	36	39	22.55	22.58	22.58		
15	16QAM	75	0	22.54	22.58	22.44		
15	64QAM	1	0	22.25	22.34	22.32	23	1
15	64QAM	1	37	22.28	22.35	22.42		
15	64QAM	1	74	22.29	22.34	22.34		
15	64QAM	36	0	21.47	21.69	21.42	22	2
15	64QAM	36	20	21.53	21.69	21.50		
15	64QAM	36	39	21.57	21.49	21.50		
15	64QAM	75	0	21.58	21.64	21.65		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.57	23.60	23.56	24	0
10	QPSK	1	25	23.47	23.50	23.37		
10	QPSK	1	49	23.45	23.40	23.36		
10	QPSK	25	0	23.60	23.51	23.41	24	0
10	QPSK	25	12	23.44	23.51	23.41		
10	QPSK	25	25	23.49	23.54	23.46		
10	QPSK	50	0	23.56	23.52	23.47		
10	16QAM	1	0	23.63	23.64	23.43	24	0
10	16QAM	1	25	23.54	23.56	23.45		
10	16QAM	1	49	23.57	23.61	23.65		
10	16QAM	25	0	22.44	22.54	22.53	23	1
10	16QAM	25	12	22.66	22.60	22.56		
10	16QAM	25	25	22.53	22.61	22.56		
10	16QAM	50	0	22.51	22.50	22.48		
10	64QAM	1	0	22.21	22.34	22.19	23	1
10	64QAM	1	25	22.25	22.37	22.36		
10	64QAM	1	49	22.42	22.42	22.35		
10	64QAM	25	0	21.38	21.59	21.48	22	2
10	64QAM	25	12	21.54	21.62	21.50		
10	64QAM	25	25	21.48	21.47	21.50		
10	64QAM	50	0	21.55	21.65	21.57		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.59	23.62	23.55	24	0
5	QPSK	1	12	23.46	23.53	23.39		
5	QPSK	1	24	23.39	23.48	23.40		
5	QPSK	12	0	23.58	23.64	23.41	24	0
5	QPSK	12	7	23.33	23.45	23.47		
5	QPSK	12	13	23.42	23.45	23.45		
5	QPSK	25	0	23.56	23.56	23.45		
5	16QAM	1	0	23.57	23.59	23.40	24	0
5	16QAM	1	12	23.62	23.64	23.47		
5	16QAM	1	24	23.51	23.61	23.54		
5	16QAM	12	0	22.36	22.61	22.51	23	1
5	16QAM	12	7	22.60	22.68	22.59		
5	16QAM	12	13	22.65	22.69	22.62		
5	16QAM	25	0	22.47	22.54	22.52		
5	64QAM	1	0	22.18	22.33	22.21	23	1
5	64QAM	1	12	22.19	22.40	22.35		
5	64QAM	1	24	22.40	22.40	22.33		
5	64QAM	12	0	21.46	21.67	21.45	22	2
5	64QAM	12	7	21.47	21.70	21.56		
5	64QAM	12	13	21.52	21.46	21.50		
5	64QAM	25	0	21.48	21.56	21.60		

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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	21.38	21.45	21.37	23	0
20	QPSK	1	49	21.22	21.36	21.23		
20	QPSK	1	99	21.32	21.34	21.31		
20	QPSK	50	0	20.37	20.41	20.40	22	1
20	QPSK	50	24	20.31	20.37	20.35		
20	QPSK	50	50	20.36	20.32	20.36		
20	QPSK	100	0	20.32	20.40	20.39		
20	16QAM	1	0	20.48	20.49	20.37	22	1
20	16QAM	1	49	20.37	20.49	20.35		
20	16QAM	1	99	20.38	20.49	20.42		
20	16QAM	50	0	19.32	19.47	19.32	21	2
20	16QAM	50	24	19.34	19.46	19.44		
20	16QAM	50	50	19.38	19.46	19.38		
20	16QAM	100	0	19.39	19.49	19.47		
20	64QAM	1	0	19.13	19.24	19.11	21	2
20	64QAM	1	49	19.15	19.23	19.08		
20	64QAM	1	99	19.15	19.23	19.11		
20	64QAM	50	0	18.33	18.43	18.29	20	3
20	64QAM	50	24	18.44	18.45	18.44		
20	64QAM	50	50	18.33	18.42	18.33		
20	64QAM	100	0	18.31	18.41	18.27		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.37	21.30	21.26	23	0
15	QPSK	1	37	21.21	21.29	21.20		
15	QPSK	1	74	21.19	21.31	21.23		
15	QPSK	36	0	20.35	20.32	20.33	22	1
15	QPSK	36	20	20.23	20.27	20.27		
15	QPSK	36	39	20.29	20.26	20.34		
15	QPSK	75	0	20.18	20.27	20.25		
15	16QAM	1	0	20.38	20.44	20.33	22	1
15	16QAM	1	37	20.22	20.39	20.21		
15	16QAM	1	74	20.25	20.37	20.27		
15	16QAM	36	0	19.21	19.39	19.26	21	2
15	16QAM	36	20	19.19	19.37	19.29		
15	16QAM	36	39	19.27	19.33	19.30		
15	16QAM	75	0	19.25	19.45	19.44		
15	64QAM	1	0	19.10	19.09	19.09	21	2
15	64QAM	1	37	19.00	19.16	19.07		
15	64QAM	1	74	19.04	19.18	19.00		
15	64QAM	36	0	18.30	18.30	18.17	20	3
15	64QAM	36	20	18.32	18.31	18.37		
15	64QAM	36	39	18.25	18.27	18.23		
15	64QAM	75	0	18.20	18.33	18.20		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.36	21.34	21.32	23	0
10	QPSK	1	25	21.09	21.27	21.22		
10	QPSK	1	49	21.28	21.31	21.25		
10	QPSK	25	0	20.23	20.37	20.31	22	1
10	QPSK	25	12	20.16	20.36	20.20		
10	QPSK	25	25	20.27	20.17	20.33		
10	QPSK	50	0	20.23	20.36	20.38		
10	16QAM	1	0	20.43	20.44	20.34	22	1
10	16QAM	1	25	20.26	20.35	20.28		
10	16QAM	1	49	20.23	20.36	20.37		
10	16QAM	25	0	19.28	19.39	19.30	21	2
10	16QAM	25	12	19.23	19.45	19.38		
10	16QAM	25	25	19.33	19.42	19.34		
10	16QAM	50	0	19.34	19.42	19.37		
10	64QAM	1	0	19.10	19.15	19.05	21	2
10	64QAM	1	25	19.00	19.11	19.06		
10	64QAM	1	49	19.01	19.15	19.04		
10	64QAM	25	0	18.19	18.32	18.26	20	3
10	64QAM	25	12	18.35	18.42	18.33		
10	64QAM	25	25	18.20	18.35	18.29		
10	64QAM	50	0	18.25	18.35	18.13		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.34	21.38	21.27	23	0
5	QPSK	1	12	21.12	21.28	21.18		
5	QPSK	1	24	21.23	21.19	21.18		
5	QPSK	12	0	20.26	20.31	20.36	22	1
5	QPSK	12	7	20.29	20.30	20.30		
5	QPSK	12	13	20.28	20.28	20.32		
5	QPSK	25	0	20.19	20.36	20.36		
5	16QAM	1	0	20.41	20.45	20.34	22	1
5	16QAM	1	12	20.36	20.41	20.29		
5	16QAM	1	24	20.28	20.44	20.29		
5	16QAM	12	0	19.23	19.42	19.18	21	2
5	16QAM	12	7	19.19	19.36	19.42		
5	16QAM	12	13	19.32	19.41	19.29		
5	16QAM	25	0	19.38	19.37	19.37		
5	64QAM	1	0	19.05	19.13	19.02	21	2
5	64QAM	1	12	19.07	19.15	19.06		
5	64QAM	1	24	19.04	19.16	19.01		
5	64QAM	12	0	18.23	18.41	18.23	20	3
5	64QAM	12	7	18.29	18.33	18.31		
5	64QAM	12	13	18.26	18.36	18.21		
5	64QAM	25	0	18.17	18.26	18.17		

Band 41_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.40	23.46	23.50	23.44	23.48	23.8	0
20	QPSK	1	49	23.39	23.37	23.44	23.34	23.40		
20	QPSK	1	99	23.32	23.30	23.40	23.32	23.32		
20	QPSK	50	0	22.44	22.49	22.56	22.53	22.51	22.8	1
20	QPSK	50	24	22.36	22.41	22.50	22.40	22.49		
20	QPSK	50	50	22.41	22.46	22.52	22.50	22.37		
20	QPSK	100	0	22.36	22.46	22.51	22.45	22.50		
20	16QAM	1	0	22.51	22.44	22.53	22.41	22.41	22.8	1
20	16QAM	1	49	22.45	22.44	22.55	22.49	22.45		
20	16QAM	1	99	22.57	22.44	22.59	22.49	22.45		
20	16QAM	50	0	21.42	21.40	21.48	21.38	21.34	21.8	2
20	16QAM	50	24	21.36	21.46	21.50	21.43	21.48		
20	16QAM	50	50	21.38	21.47	21.52	21.49	21.47		
20	16QAM	100	0	21.43	21.41	21.48	21.39	21.37		
20	64QAM	1	0	21.12	21.17	21.24	21.10	21.19	21.8	2
20	64QAM	1	49	20.94	20.89	21.00	20.88	20.93		
20	64QAM	1	99	21.27	21.26	21.33	21.29	21.19		
20	64QAM	50	0	20.33	20.43	20.48	20.37	20.45	20.8	3
20	64QAM	50	24	20.43	20.39	20.48	20.39	20.37		
20	64QAM	50	50	20.43	20.42	20.51	20.37	20.40		
20	64QAM	100	0	20.12	20.03	20.18	20.16	20.06		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.31	23.43	23.35	23.41	23.33	23.8	0
15	QPSK	1	37	23.29	23.25	23.29	23.27	23.33		
15	QPSK	1	74	23.22	23.15	23.38	23.30	23.20		
15	QPSK	36	0	22.37	22.36	22.54	22.46	22.40	22.8	1
15	QPSK	36	20	22.23	22.29	22.43	22.31	22.40		
15	QPSK	36	39	22.40	22.34	22.46	22.45	22.36		
15	QPSK	75	0	22.33	22.37	22.40	22.40	22.37		
15	16QAM	1	0	22.45	22.42	22.40	22.34	22.32	22.8	1
15	16QAM	1	37	22.43	22.31	22.45	22.44	22.36		
15	16QAM	1	74	22.45	22.30	22.57	22.36	22.30		
15	16QAM	36	0	21.36	21.38	21.38	21.34	21.29	21.8	2
15	16QAM	36	20	21.26	21.31	21.47	21.40	21.35		
15	16QAM	36	39	21.32	21.39	21.49	21.46	21.43		
15	16QAM	75	0	21.37	21.39	21.40	21.25	21.31		
15	64QAM	1	0	21.06	21.10	21.09	20.96	21.07	21.8	2
15	64QAM	1	37	20.80	20.86	20.99	20.81	20.89		
15	64QAM	1	74	21.24	21.11	21.22	21.28	21.05		
15	64QAM	36	0	20.21	20.32	20.37	20.23	20.37	20.8	3
15	64QAM	36	20	20.34	20.37	20.42	20.29	20.29		
15	64QAM	36	39	20.42	20.41	20.41	20.25	20.37		
15	64QAM	75	0	20.00	19.92	20.10	20.10	20.01		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.37	23.44	23.40	23.34	23.33	23.8	0
10	QPSK	1	25	23.36	23.35	23.37	23.33	23.32		
10	QPSK	1	49	23.20	23.18	23.28	23.22	23.28		
10	QPSK	25	0	22.35	22.48	22.52	22.42	22.38	22.8	1
10	QPSK	25	12	22.35	22.30	22.38	22.28	22.39		
10	QPSK	25	25	22.33	22.39	22.37	22.35	22.31		
10	QPSK	50	0	22.21	22.40	22.44	22.34	22.40		
10	16QAM	1	0	22.40	22.29	22.40	22.27	22.30	22.8	1
10	16QAM	1	25	22.41	22.39	22.53	22.45	22.39		
10	16QAM	1	49	22.43	22.38	22.53	22.38	22.44		
10	16QAM	25	0	21.28	21.37	21.45	21.35	21.33	21.8	2
10	16QAM	25	12	21.27	21.40	21.42	21.37	21.33		
10	16QAM	25	25	21.24	21.39	21.42	21.39	21.33		
10	16QAM	50	0	21.28	21.27	21.45	21.38	21.26		
10	64QAM	1	0	21.06	21.09	21.17	21.04	21.11	21.8	2
10	64QAM	1	25	20.93	20.81	20.92	20.80	20.85		
10	64QAM	1	49	21.14	21.22	21.30	21.15	21.16		
10	64QAM	25	0	20.28	20.31	20.36	20.31	20.38	20.8	3
10	64QAM	25	12	20.42	20.25	20.33	20.31	20.24		
10	64QAM	25	25	20.36	20.28	20.42	20.32	20.39		
10	64QAM	50	0	20.04	20.00	20.13	20.05	19.92		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.34	23.42	23.40	23.29	23.45	23.8	0
5	QPSK	1	12	23.26	23.24	23.31	23.28	23.26		
5	QPSK	1	24	23.23	23.21	23.34	23.30	23.26		
5	QPSK	12	0	22.40	22.37	22.49	22.41	22.48	22.8	1
5	QPSK	12	7	22.34	22.33	22.45	22.29	22.42		
5	QPSK	12	13	22.26	22.45	22.39	22.47	22.36		
5	QPSK	25	0	22.32	22.25	22.42	22.32	22.36		
5	16QAM	1	0	22.36	22.38	22.39	22.39	22.33	22.8	1
5	16QAM	1	12	22.35	22.38	22.40	22.38	22.41		
5	16QAM	1	24	22.44	22.31	22.45	22.47	22.42		
5	16QAM	12	0	21.35	21.29	21.36	21.30	21.21	21.8	2
5	16QAM	12	7	21.28	21.43	21.45	21.38	21.34		
5	16QAM	12	13	21.36	21.32	21.37	21.42	21.39		
5	16QAM	25	0	21.29	21.28	21.47	21.38	21.23		
5	64QAM	1	0	21.04	21.09	21.14	20.97	21.07	21.8	2
5	64QAM	1	12	20.88	20.81	20.87	20.85	20.90		
5	64QAM	1	24	21.12	21.11	21.32	21.26	21.12		
5	64QAM	12	0	20.30	20.28	20.43	20.35	20.43	20.8	3
5	64QAM	12	7	20.41	20.37	20.44	20.35	20.30		
5	64QAM	12	13	20.40	20.29	20.44	20.24	20.28		
5	64QAM	25	0	20.11	19.94	20.11	20.01	20.00		

Band 41 (HPUE)_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	26.49	26.44	26.55	26.39	26.40	26.8	0
20	QPSK	1	49	26.28	26.33	26.37	26.36	26.22		
20	QPSK	1	99	26.30	26.28	26.42	26.32	26.37		
20	QPSK	50	0	25.37	25.38	25.46	25.37	25.36	25.8	1
20	QPSK	50	24	25.36	25.30	25.42	25.27	25.29		
20	QPSK	50	50	25.35	25.37	25.40	25.34	25.34		
20	QPSK	100	0	25.37	25.43	25.45	25.32	25.43		
20	16QAM	1	0	25.51	25.57	25.64	25.53	25.50	25.8	1
20	16QAM	1	49	25.47	25.44	25.59	25.57	25.51		
20	16QAM	1	99	25.64	25.59	25.66	25.62	25.57		
20	16QAM	50	0	24.31	24.34	24.46	24.33	24.40	24.8	2
20	16QAM	50	24	24.35	24.44	24.47	24.36	24.46		
20	16QAM	50	50	24.42	24.45	24.52	24.40	24.47		
20	16QAM	100	0	24.41	24.43	24.46	24.35	24.33		
20	64QAM	1	0	24.38	24.40	24.48	24.36	24.33	24.8	2
20	64QAM	1	49	24.52	24.45	24.53	24.46	24.38		
20	64QAM	1	99	24.47	24.52	24.55	24.41	24.45		
20	64QAM	50	0	23.31	23.37	23.44	23.37	23.41	23.8	3
20	64QAM	50	24	23.32	23.43	23.45	23.34	23.40		
20	64QAM	50	50	23.32	23.36	23.45	23.39	23.37		
20	64QAM	100	0	23.41	23.29	23.42	23.29	23.35		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	26.35	26.43	26.51	26.35	26.47	26.8	0
15	QPSK	1	37	26.16	26.23	26.24	26.27	26.16		
15	QPSK	1	74	26.19	26.22	26.35	26.23	26.23		
15	QPSK	36	0	25.28	25.28	25.45	25.36	25.30	25.8	1
15	QPSK	36	20	25.33	25.22	25.27	25.15	25.23		
15	QPSK	36	39	25.25	25.33	25.25	25.33	25.29		
15	QPSK	75	0	25.25	25.35	25.41	25.31	25.28		
15	16QAM	1	0	25.47	25.47	25.62	25.40	25.47	25.8	1
15	16QAM	1	37	25.46	25.43	25.44	25.51	25.43		
15	16QAM	1	74	25.54	25.48	25.58	25.50	25.56		
15	16QAM	36	0	24.18	24.31	24.33	24.25	24.34	24.8	2
15	16QAM	36	20	24.26	24.39	24.41	24.23	24.41		
15	16QAM	36	39	24.38	24.36	24.50	24.32	24.36		
15	16QAM	75	0	24.35	24.35	24.43	24.26	24.28		
15	64QAM	1	0	24.25	24.26	24.43	24.32	24.26	24.8	2
15	64QAM	1	37	24.38	24.33	24.39	24.31	24.23		
15	64QAM	1	74	24.36	24.49	24.42	24.32	24.37		
15	64QAM	36	0	23.29	23.29	23.30	23.24	23.32	23.8	3
15	64QAM	36	20	23.28	23.39	23.31	23.32	23.37		
15	64QAM	36	39	23.24	23.30	23.38	23.28	23.35		
15	64QAM	75	0	23.37	23.14	23.39	23.14	23.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	26.24	26.36	26.49	26.34	26.43	26.8	0
10	QPSK	1	25	26.26	26.22	26.33	26.29	26.09		
10	QPSK	1	49	26.29	26.22	26.37	26.24	26.22		
10	QPSK	25	0	25.30	25.28	25.44	25.22	25.24	25.8	1
10	QPSK	25	12	25.31	25.18	25.35	25.20	25.25		
10	QPSK	25	25	25.21	25.26	25.35	25.23	25.22		
10	QPSK	50	0	25.34	25.28	25.34	25.21	25.35		
10	16QAM	1	0	25.36	25.55	25.61	25.50	25.48	25.8	1
10	16QAM	1	25	25.41	25.32	25.57	25.56	25.47		
10	16QAM	1	49	25.51	25.49	25.52	25.59	25.50		
10	16QAM	25	0	24.19	24.19	24.41	24.27	24.36	24.8	2
10	16QAM	25	12	24.24	24.34	24.43	24.35	24.31		
10	16QAM	25	25	24.30	24.44	24.43	24.29	24.40		
10	16QAM	50	0	24.26	24.32	24.37	24.32	24.31		
10	64QAM	1	0	24.28	24.29	24.46	24.28	24.26	24.8	2
10	64QAM	1	25	24.43	24.44	24.47	24.38	24.26		
10	64QAM	1	49	24.40	24.37	24.40	24.26	24.42		
10	64QAM	25	0	23.28	23.25	23.43	23.34	23.37	23.8	3
10	64QAM	25	12	23.17	23.38	23.40	23.32	23.35		
10	64QAM	25	25	23.28	23.26	23.34	23.33	23.24		
10	64QAM	50	0	23.36	23.27	23.29	23.22	23.29		
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	26.34	26.42	26.51	26.32	26.41	26.8	0
5	QPSK	1	12	26.22	26.21	26.34	26.32	26.14		
5	QPSK	1	24	26.19	26.18	26.41	26.21	26.31		
5	QPSK	12	0	25.32	25.28	25.44	25.28	25.28	25.8	1
5	QPSK	12	7	25.32	25.23	25.27	25.25	25.14		
5	QPSK	12	13	25.22	25.25	25.25	25.32	25.31		
5	QPSK	25	0	25.32	25.35	25.41	25.30	25.42		
5	16QAM	1	0	25.36	25.48	25.59	25.41	25.40	25.8	1
5	16QAM	1	12	25.44	25.30	25.57	25.51	25.42		
5	16QAM	1	24	25.50	25.46	25.58	25.54	25.55		
5	16QAM	12	0	24.28	24.24	24.32	24.23	24.35	24.8	2
5	16QAM	12	7	24.23	24.40	24.38	24.24	24.39		
5	16QAM	12	13	24.29	24.38	24.45	24.28	24.38		
5	16QAM	25	0	24.36	24.29	24.31	24.30	24.32		
5	64QAM	1	0	24.24	24.38	24.34	24.29	24.29	24.8	2
5	64QAM	1	12	24.48	24.36	24.49	24.34	24.30		
5	64QAM	1	24	24.37	24.50	24.54	24.31	24.31		
5	64QAM	12	0	23.30	23.29	23.38	23.30	23.34	23.8	3
5	64QAM	12	7	23.24	23.29	23.32	23.31	23.25		
5	64QAM	12	13	23.31	23.30	23.38	23.38	23.23		
5	64QAM	25	0	23.36	23.26	23.36	23.20	23.27		

Band 41_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.47	23.52	23.57	23.42	23.51	23.8	0
20	QPSK	1	49	23.43	23.46	23.50	23.38	23.45		
20	QPSK	1	99	23.45	23.42	23.54	23.40	23.44		
20	QPSK	50	0	22.54	22.53	22.56	22.49	22.53	22.8	1
20	QPSK	50	24	22.42	22.43	22.50	22.47	22.52		
20	QPSK	50	50	22.47	22.43	22.55	22.46	22.48		
20	QPSK	100	0	22.44	22.44	22.50	22.42	22.45		
20	16QAM	1	0	22.53	22.41	22.56	22.54	22.41	22.8	1
20	16QAM	1	49	22.51	22.62	22.64	22.57	22.59		
20	16QAM	1	99	22.58	22.52	22.64	22.60	22.56		
20	16QAM	50	0	21.50	21.47	21.56	21.44	21.42	21.8	2
20	16QAM	50	24	21.45	21.49	21.56	21.46	21.48		
20	16QAM	50	50	21.47	21.43	21.57	21.54	21.48		
20	16QAM	100	0	21.44	21.40	21.52	21.45	21.47		
20	64QAM	1	0	21.23	21.23	21.26	21.18	21.19	21.8	2
20	64QAM	1	49	21.33	21.34	21.35	21.26	21.26		
20	64QAM	1	99	21.22	21.23	21.37	21.33	21.31		
20	64QAM	50	0	20.36	20.45	20.48	20.34	20.34	20.8	3
20	64QAM	50	24	20.45	20.48	20.51	20.42	20.45		
20	64QAM	50	50	20.42	20.43	20.55	20.52	20.44		
20	64QAM	100	0	20.45	20.50	20.52	20.42	20.48		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.39	23.48	23.49	23.37	23.37	23.8	0
15	QPSK	1	37	23.40	23.36	23.38	23.30	23.42		
15	QPSK	1	74	23.30	23.29	23.44	23.37	23.34		
15	QPSK	36	0	22.39	22.47	22.53	22.39	22.47	22.8	1
15	QPSK	36	20	22.34	22.41	22.47	22.44	22.37		
15	QPSK	36	39	22.36	22.29	22.53	22.32	22.38		
15	QPSK	75	0	22.41	22.39	22.49	22.29	22.44		
15	16QAM	1	0	22.49	22.30	22.44	22.44	22.33	22.8	1
15	16QAM	1	37	22.50	22.50	22.50	22.42	22.49		
15	16QAM	1	74	22.50	22.38	22.49	22.50	22.54		
15	16QAM	36	0	21.38	21.35	21.42	21.31	21.30	21.8	2
15	16QAM	36	20	21.36	21.44	21.47	21.33	21.34		
15	16QAM	36	39	21.43	21.33	21.46	21.50	21.47		
15	16QAM	75	0	21.32	21.32	21.42	21.36	21.39		
15	64QAM	1	0	21.16	21.22	21.20	21.10	21.10	21.8	2
15	64QAM	1	37	21.26	21.28	21.28	21.14	21.11		
15	64QAM	1	74	21.09	21.13	21.30	21.19	21.28		
15	64QAM	36	0	20.30	20.40	20.37	20.24	20.26	20.8	3
15	64QAM	36	20	20.30	20.33	20.40	20.35	20.42		
15	64QAM	36	39	20.31	20.34	20.40	20.42	20.43		
15	64QAM	75	0	20.32	20.37	20.46	20.32	20.38		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.33	23.42	23.44	23.40	23.38	23.8	0
10	QPSK	1	25	23.37	23.39	23.49	23.35	23.31		
10	QPSK	1	49	23.38	23.40	23.47	23.34	23.40		
10	QPSK	25	0	22.52	22.51	22.48	22.38	22.40	22.8	1
10	QPSK	25	12	22.27	22.28	22.40	22.35	22.51		
10	QPSK	25	25	22.45	22.35	22.50	22.34	22.43		
10	QPSK	50	0	22.38	22.38	22.39	22.29	22.33		
10	16QAM	1	0	22.48	22.29	22.50	22.52	22.32	22.8	1
10	16QAM	1	25	22.47	22.51	22.55	22.43	22.55		
10	16QAM	1	49	22.57	22.50	22.49	22.58	22.48		
10	16QAM	25	0	21.38	21.45	21.54	21.42	21.39	21.8	2
10	16QAM	25	12	21.44	21.44	21.45	21.40	21.44		
10	16QAM	25	25	21.39	21.41	21.52	21.44	21.39		
10	16QAM	50	0	21.37	21.33	21.50	21.31	21.34		
10	64QAM	1	0	21.19	21.12	21.21	21.05	21.04	21.8	2
10	64QAM	1	25	21.23	21.28	21.32	21.16	21.11		
10	64QAM	1	49	21.18	21.12	21.25	21.31	21.18		
10	64QAM	25	0	20.23	20.33	20.33	20.21	20.26	20.8	3
10	64QAM	25	12	20.36	20.41	20.37	20.29	20.37		
10	64QAM	25	25	20.34	20.32	20.42	20.51	20.33		
10	64QAM	50	0	20.39	20.42	20.41	20.31	20.39		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.32	23.39	23.52	23.41	23.42	23.8	0
5	QPSK	1	12	23.34	23.42	23.48	23.24	23.33		
5	QPSK	1	24	23.37	23.33	23.52	23.37	23.43		
5	QPSK	12	0	22.51	22.51	22.43	22.35	22.42	22.8	1
5	QPSK	12	7	22.35	22.31	22.46	22.40	22.39		
5	QPSK	12	13	22.40	22.36	22.51	22.42	22.38		
5	QPSK	25	0	22.35	22.41	22.55	22.34	22.32		
5	16QAM	1	0	22.41	22.39	22.54	22.43	22.34	22.8	1
5	16QAM	1	12	22.44	22.58	22.50	22.50	22.58		
5	16QAM	1	24	22.51	22.51	22.51	22.56	22.43		
5	16QAM	12	0	21.44	21.32	21.54	21.39	21.27	21.8	2
5	16QAM	12	7	21.44	21.38	21.50	21.33	21.43		
5	16QAM	12	13	21.37	21.32	21.45	21.42	21.47		
5	16QAM	25	0	21.40	21.36	21.42	21.42	21.34		
5	64QAM	1	0	21.18	21.13	21.20	21.03	21.12	21.8	2
5	64QAM	1	12	21.27	21.26	21.29	21.13	21.24		
5	64QAM	1	24	21.18	21.22	21.31	21.18	21.16		
5	64QAM	12	0	20.32	20.40	20.39	20.30	20.24	20.8	3
5	64QAM	12	7	20.35	20.33	20.48	20.30	20.39		
5	64QAM	12	13	20.28	20.36	20.44	20.49	20.38		
5	64QAM	25	0	20.35	20.48	20.44	20.40	20.46		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	26.40	26.51	26.54	26.39	26.50	26.8	0
20	QPSK	1	49	26.38	26.36	26.47	26.35	26.46		
20	QPSK	1	99	26.38	26.44	26.50	26.37	26.39		
20	QPSK	50	0	25.41	25.39	25.44	25.42	25.36	25.8	1
20	QPSK	50	24	25.36	25.36	25.38	25.40	25.35		
20	QPSK	50	50	25.40	25.36	25.31	25.39	25.30		
20	QPSK	100	0	25.46	25.37	25.47	25.46	25.44		
20	16QAM	1	0	25.53	25.48	25.61	25.50	25.58	25.8	1
20	16QAM	1	49	25.57	25.57	25.68	25.60	25.59		
20	16QAM	1	99	25.67	25.67	25.70	25.66	25.65		
20	16QAM	50	0	24.43	24.41	24.49	24.36	24.35	24.8	2
20	16QAM	50	24	24.54	24.50	24.57	24.46	24.52		
20	16QAM	50	50	24.53	24.44	24.56	24.45	24.51		
20	16QAM	100	0	24.39	24.36	24.46	24.34	24.34		
20	64QAM	1	0	24.40	24.43	24.53	24.49	24.51	24.8	2
20	64QAM	1	49	24.41	24.48	24.53	24.52	24.51		
20	64QAM	1	99	24.43	24.49	24.54	24.49	24.50		
20	64QAM	50	0	23.29	23.34	23.44	23.43	23.34	23.8	3
20	64QAM	50	24	23.36	23.33	23.46	23.45	23.43		
20	64QAM	50	50	23.34	23.41	23.46	23.43	23.43		
20	64QAM	100	0	23.36	23.43	23.45	23.35	23.32		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	26.36	26.43	26.51	26.37	26.40	26.8	0
15	QPSK	1	37	26.24	26.33	26.42	26.31	26.38		
15	QPSK	1	74	26.36	26.29	26.42	26.30	26.30		
15	QPSK	36	0	25.32	25.27	25.35	25.37	25.29	25.8	1
15	QPSK	36	20	25.23	25.29	25.27	25.35	25.27		
15	QPSK	36	39	25.38	25.29	25.29	25.26	25.18		
15	QPSK	75	0	25.33	25.29	25.44	25.37	25.36		
15	16QAM	1	0	25.44	25.35	25.54	25.47	25.55	25.8	1
15	16QAM	1	37	25.51	25.53	25.60	25.56	25.57		
15	16QAM	1	74	25.64	25.57	25.57	25.57	25.55		
15	16QAM	36	0	24.41	24.32	24.35	24.28	24.24	24.8	2
15	16QAM	36	20	24.51	24.40	24.45	24.42	24.45		
15	16QAM	36	39	24.38	24.37	24.55	24.35	24.43		
15	16QAM	75	0	24.27	24.22	24.39	24.23	24.30		
15	64QAM	1	0	24.32	24.29	24.41	24.46	24.44	24.8	2
15	64QAM	1	37	24.36	24.43	24.43	24.41	24.39		
15	64QAM	1	74	24.32	24.36	24.48	24.37	24.43		
15	64QAM	36	0	23.24	23.24	23.37	23.33	23.28	23.8	3
15	64QAM	36	20	23.26	23.30	23.33	23.34	23.36		
15	64QAM	36	39	23.21	23.29	23.37	23.34	23.31		
15	64QAM	75	0	23.23	23.38	23.34	23.27	23.31		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	26.32	26.41	26.48	26.30	26.37	26.8	0
10	QPSK	1	25	26.25	26.24	26.42	26.30	26.38		
10	QPSK	1	49	26.23	26.43	26.37	26.34	26.28		
10	QPSK	25	0	25.27	25.32	25.42	25.39	25.33	25.8	1
10	QPSK	25	12	25.33	25.28	25.29	25.34	25.23		
10	QPSK	25	25	25.33	25.27	25.23	25.33	25.21		
10	QPSK	50	0	25.40	25.31	25.44	25.38	25.36		
10	16QAM	1	0	25.44	25.35	25.46	25.36	25.54	25.8	1
10	16QAM	1	25	25.49	25.45	25.62	25.51	25.55		
10	16QAM	1	49	25.58	25.60	25.55	25.53	25.52		
10	16QAM	25	0	24.42	24.26	24.47	24.28	24.32	24.8	2
10	16QAM	25	12	24.41	24.38	24.44	24.44	24.39		
10	16QAM	25	25	24.41	24.31	24.46	24.44	24.44		
10	16QAM	50	0	24.28	24.21	24.33	24.23	24.28		
10	64QAM	1	0	24.30	24.41	24.52	24.41	24.48	24.8	2
10	64QAM	1	25	24.32	24.35	24.47	24.46	24.45		
10	64QAM	1	49	24.28	24.48	24.45	24.37	24.49		
10	64QAM	25	0	23.25	23.28	23.34	23.31	23.20	23.8	3
10	64QAM	25	12	23.24	23.30	23.39	23.41	23.34		
10	64QAM	25	25	23.24	23.27	23.43	23.31	23.40		
10	64QAM	50	0	23.29	23.33	23.38	23.22	23.27		
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	26.30	26.37	26.39	26.28	26.49	26.8	0
5	QPSK	1	12	26.28	26.28	26.36	26.20	26.40		
5	QPSK	1	24	26.33	26.36	26.38	26.31	26.35		
5	QPSK	12	0	25.37	25.26	25.30	25.36	25.26	25.8	1
5	QPSK	12	7	25.31	25.29	25.36	25.27	25.25		
5	QPSK	12	13	25.39	25.25	25.20	25.36	25.28		
5	QPSK	25	0	25.35	25.32	25.33	25.40	25.43		
5	16QAM	1	0	25.51	25.35	25.48	25.42	25.53	25.8	1
5	16QAM	1	12	25.44	25.42	25.56	25.46	25.57		
5	16QAM	1	24	25.57	25.59	25.69	25.58	25.61		
5	16QAM	12	0	24.32	24.34	24.40	24.22	24.24	24.8	2
5	16QAM	12	7	24.46	24.43	24.48	24.37	24.37		
5	16QAM	12	13	24.38	24.41	24.42	24.31	24.48		
5	16QAM	25	0	24.38	24.35	24.33	24.23	24.26		
5	64QAM	1	0	24.30	24.28	24.47	24.35	24.41	24.8	2
5	64QAM	1	12	24.32	24.42	24.47	24.43	24.41		
5	64QAM	1	24	24.40	24.41	24.52	24.37	24.36		
5	64QAM	12	0	23.24	23.22	23.30	23.38	23.33	23.8	3
5	64QAM	12	7	23.26	23.32	23.40	23.37	23.34		
5	64QAM	12	13	23.27	23.37	23.40	23.33	23.33		
5	64QAM	25	0	23.35	23.39	23.30	23.25	23.27		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.47	20.42	20.48	20.08	20.02	20.8	0
20	QPSK	1	49	20.21	20.25	20.25	20.07	19.96		
20	QPSK	1	99	20.25	20.26	20.24	20.01	19.98		
20	QPSK	50	0	19.39	19.35	19.40	19.09	19.13	19.8	1
20	QPSK	50	24	19.31	19.29	19.16	19.08	19.08		
20	QPSK	50	50	19.34	19.26	19.20	19.03	19.12		
20	QPSK	100	0	19.38	19.27	19.39	19.08	19.05		
20	16QAM	1	0	18.69	18.74	18.70	18.45	18.59	19.8	1
20	16QAM	1	49	18.72	18.77	18.71	18.50	18.48		
20	16QAM	1	99	18.96	19.07	19.00	18.84	18.87		
20	16QAM	50	0	18.24	18.23	18.27	18.09	18.05	18.8	2
20	16QAM	50	24	18.04	17.99	17.99	17.82	17.83		
20	16QAM	50	50	18.28	18.34	18.26	18.14	18.08		
20	16QAM	100	0	17.92	17.99	17.95	17.77	17.74		
20	64QAM	1	0	17.77	17.85	17.76	17.65	17.60	18.8	2
20	64QAM	1	49	18.13	18.05	18.06	17.85	17.87		
20	64QAM	1	99	18.03	18.09	18.04	17.93	17.91		
20	64QAM	50	0	17.26	17.34	17.27	17.11	17.05	17.8	3
20	64QAM	50	24	17.26	17.23	17.28	17.07	17.12		
20	64QAM	50	50	17.23	17.29	17.26	17.09	17.12		
20	64QAM	100	0	16.93	17.03	16.96	16.79	16.71		
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	20.42	20.27	20.23	19.95	19.88	20.8	0
15	QPSK	1	37	20.14	20.24	20.19	20.03	19.93		
15	QPSK	1	74	20.13	20.18	20.19	19.98	19.97		
15	QPSK	36	0	19.27	19.34	19.18	19.07	19.06	19.8	1
15	QPSK	36	20	19.16	19.20	19.15	19.04	19.04		
15	QPSK	36	39	19.28	19.18	19.08	18.93	19.07		
15	QPSK	75	0	19.34	19.21	19.10	19.02	19.00		
15	16QAM	1	0	18.67	18.65	18.62	18.36	18.58	19.8	1
15	16QAM	1	37	18.69	18.73	18.67	18.48	18.46		
15	16QAM	1	74	18.86	18.94	18.99	18.82	18.73		
15	16QAM	36	0	18.12	18.22	18.14	18.06	17.97	18.8	2
15	16QAM	36	20	18.00	17.89	17.96	17.67	17.72		
15	16QAM	36	39	18.26	18.23	18.24	18.09	17.94		
15	16QAM	75	0	17.89	17.95	17.92	17.66	17.62		
15	64QAM	1	0	17.70	17.79	17.61	17.57	17.48	18.8	2
15	64QAM	1	37	18.02	17.94	17.91	17.71	17.81		
15	64QAM	1	74	18.01	17.94	17.91	17.85	17.88		
15	64QAM	36	0	17.23	17.25	17.15	17.04	16.93	17.8	3
15	64QAM	36	20	17.15	17.16	17.27	17.01	17.11		
15	64QAM	36	39	17.15	17.19	17.15	17.03	16.98		
15	64QAM	75	0	16.82	16.93	16.91	16.65	16.61		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.37	20.33	20.21	19.94	19.92	20.8	0
10	QPSK	1	25	20.18	20.23	20.14	19.96	19.84		
10	QPSK	1	49	20.18	20.21	20.13	19.87	19.84		
10	QPSK	25	0	19.35	19.31	19.21	19.05	19.10	19.8	1
10	QPSK	25	12	19.23	19.20	19.06	19.02	18.93		
10	QPSK	25	25	19.19	19.21	19.19	18.98	18.97		
10	QPSK	50	0	19.29	19.15	19.20	18.96	18.91		
10	16QAM	1	0	18.65	18.61	18.64	18.36	18.58	19.8	1
10	16QAM	1	25	18.60	18.64	18.60	18.35	18.39		
10	16QAM	1	49	18.93	19.03	18.91	18.73	18.76		
10	16QAM	25	0	18.11	18.08	18.23	18.05	18.04	18.8	2
10	16QAM	25	12	18.00	17.87	17.90	17.72	17.74		
10	16QAM	25	25	18.27	18.26	18.18	18.09	18.01		
10	16QAM	50	0	17.90	17.91	17.93	17.69	17.65		
10	64QAM	1	0	17.74	17.83	17.62	17.63	17.45	18.8	2
10	64QAM	1	25	18.10	17.96	17.97	17.81	17.83		
10	64QAM	1	49	17.95	18.06	17.95	17.79	17.89		
10	64QAM	25	0	17.25	17.24	17.12	17.10	16.98	17.8	3
10	64QAM	25	12	17.17	17.21	17.20	16.94	17.11		
10	64QAM	25	25	17.22	17.24	17.11	17.07	17.00		
10	64QAM	50	0	16.86	17.02	16.94	16.69	16.64		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.46	20.38	20.11	20.05	19.99	20.8	0
5	QPSK	1	12	20.08	20.23	20.16	19.97	19.88		
5	QPSK	1	24	20.16	20.19	20.18	19.89	19.95		
5	QPSK	12	0	19.37	19.23	19.13	18.96	19.10	19.8	1
5	QPSK	12	7	19.29	19.28	19.09	18.96	18.96		
5	QPSK	12	13	19.19	19.24	19.10	18.99	19.03		
5	QPSK	25	0	19.36	19.18	19.07	19.02	18.92		
5	16QAM	1	0	18.54	18.59	18.57	18.38	18.47	19.8	1
5	16QAM	1	12	18.67	18.64	18.60	18.46	18.36		
5	16QAM	1	24	18.95	18.95	18.96	18.81	18.78		
5	16QAM	12	0	18.17	18.09	18.16	18.01	18.03	18.8	2
5	16QAM	12	7	17.91	17.95	17.96	17.81	17.79		
5	16QAM	12	13	18.16	18.31	18.18	18.06	17.96		
5	16QAM	25	0	17.87	17.87	17.92	17.68	17.60		
5	64QAM	1	0	17.74	17.82	17.70	17.51	17.47	18.8	2
5	64QAM	1	12	18.07	17.97	17.94	17.84	17.81		
5	64QAM	1	24	17.92	17.99	17.89	17.81	17.79		
5	64QAM	12	0	17.22	17.20	17.24	16.96	16.96	17.8	3
5	64QAM	12	7	17.20	17.09	17.27	16.94	17.02		
5	64QAM	12	13	17.10	17.15	17.24	17.08	17.11		
5	64QAM	25	0	16.91	16.91	16.84	16.72	16.69		

Band 41 (HPUE)_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.47	23.39	23.48	23.01	23.08	23.8	0
20	QPSK	1	49	23.33	23.35	23.23	23.01	23.02		
20	QPSK	1	99	23.36	23.37	23.19	22.96	23.06		
20	QPSK	50	0	22.41	22.37	22.42	22.07	22.06	22.8	1
20	QPSK	50	24	22.27	22.30	22.21	21.99	21.99		
20	QPSK	50	50	22.40	22.29	22.23	22.06	22.02		
20	QPSK	100	0	22.34	22.30	22.35	22.00	22.04		
20	16QAM	1	0	22.49	22.57	22.41	22.30	22.27	22.8	1
20	16QAM	1	49	22.60	22.55	22.41	22.25	22.25		
20	16QAM	1	99	22.49	22.46	22.38	22.27	22.15		
20	16QAM	50	0	21.49	21.37	21.31	21.16	21.16	21.8	2
20	16QAM	50	24	21.33	21.35	21.24	21.09	21.04		
20	16QAM	50	50	21.44	21.45	21.28	21.11	21.08		
20	16QAM	100	0	21.05	21.12	20.96	20.80	20.76		
20	64QAM	1	0	21.42	21.45	21.26	21.15	21.05	21.8	2
20	64QAM	1	49	21.34	21.37	21.29	21.09	21.11		
20	64QAM	1	99	21.14	21.18	20.99	20.84	20.81		
20	64QAM	50	0	20.41	20.39	20.23	19.98	19.98	20.8	3
20	64QAM	50	24	20.30	20.27	20.22	20.03	20.10		
20	64QAM	50	50	20.37	20.30	20.23	20.03	20.07		
20	64QAM	100	0	20.34	20.24	20.19	20.07	19.94		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.43	23.28	23.15	23.02	22.96	23.8	0
15	QPSK	1	37	23.31	23.22	23.15	22.96	22.92		
15	QPSK	1	74	23.21	23.36	23.07	22.89	22.97		
15	QPSK	36	0	22.33	22.26	22.19	21.99	21.92	22.8	1
15	QPSK	36	20	22.24	22.16	22.11	21.88	21.90		
15	QPSK	36	39	22.38	22.23	22.20	22.02	21.97		
15	QPSK	75	0	22.22	22.26	22.22	21.99	22.00		
15	16QAM	1	0	22.36	22.43	22.38	22.17	22.14	22.8	1
15	16QAM	1	37	22.57	22.47	22.29	22.23	22.17		
15	16QAM	1	74	22.41	22.35	22.29	22.26	22.06		
15	16QAM	36	0	21.45	21.22	21.16	21.13	21.14	21.8	2
15	16QAM	36	20	21.25	21.25	21.21	20.96	20.92		
15	16QAM	36	39	21.41	21.32	21.25	21.04	21.05		
15	16QAM	75	0	21.00	21.09	20.84	20.73	20.72		
15	64QAM	1	0	21.31	21.32	21.24	21.01	20.96	21.8	2
15	64QAM	1	37	21.20	21.26	21.28	21.07	21.04		
15	64QAM	1	74	21.05	21.08	20.85	20.71	20.72		
15	64QAM	36	0	20.38	20.35	20.21	19.94	19.96	20.8	3
15	64QAM	36	20	20.21	20.19	20.20	20.01	19.95		
15	64QAM	36	39	20.31	20.23	20.22	19.94	19.94		
15	64QAM	75	0	20.25	20.11	20.05	19.94	19.87		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.40	23.26	23.24	23.00	22.97	23.8	0
10	QPSK	1	25	23.22	23.28	23.15	22.87	23.00		
10	QPSK	1	49	23.29	23.31	23.16	22.85	23.01		
10	QPSK	25	0	22.38	22.25	22.22	22.02	22.01	22.8	1
10	QPSK	25	12	22.18	22.21	22.17	21.93	21.91		
10	QPSK	25	25	22.26	22.16	22.18	21.99	21.92		
10	QPSK	50	0	22.20	22.28	22.14	21.97	21.97		
10	16QAM	1	0	22.34	22.42	22.33	22.28	22.24	22.8	1
10	16QAM	1	25	22.48	22.45	22.36	22.14	22.10		
10	16QAM	1	49	22.38	22.33	22.30	22.14	22.00		
10	16QAM	25	0	21.39	21.35	21.27	21.12	21.12	21.8	2
10	16QAM	25	12	21.25	21.24	21.10	21.02	20.95		
10	16QAM	25	25	21.34	21.34	21.14	21.10	21.01		
10	16QAM	50	0	20.93	20.98	20.92	20.65	20.70		
10	64QAM	1	0	21.34	21.37	21.23	21.13	20.92	21.8	2
10	64QAM	1	25	21.22	21.28	21.24	21.08	20.99		
10	64QAM	1	49	20.99	21.15	20.86	20.69	20.72		
10	64QAM	25	0	20.28	20.38	20.20	19.93	19.84	20.8	3
10	64QAM	25	12	20.20	20.26	20.07	20.01	20.09		
10	64QAM	25	25	20.25	20.29	20.15	20.00	20.02		
10	64QAM	50	0	20.20	20.13	20.17	19.97	19.80		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.39	23.37	23.24	23.02	22.95	23.8	0
5	QPSK	1	12	23.20	23.32	23.21	22.92	22.97		
5	QPSK	1	24	23.26	23.36	23.08	22.93	23.03		
5	QPSK	12	0	22.29	22.28	22.11	22.01	21.98	22.8	1
5	QPSK	12	7	22.19	22.24	22.12	21.86	21.92		
5	QPSK	12	13	22.25	22.19	22.11	21.95	21.88		
5	QPSK	25	0	22.29	22.31	22.21	22.03	21.92		
5	16QAM	1	0	22.46	22.54	22.26	22.23	22.14	22.8	1
5	16QAM	1	12	22.48	22.49	22.33	22.12	22.24		
5	16QAM	1	24	22.39	22.44	22.30	22.22	22.12		
5	16QAM	12	0	21.47	21.28	21.24	21.04	21.06	21.8	2
5	16QAM	12	7	21.24	21.30	21.15	20.95	20.94		
5	16QAM	12	13	21.38	21.30	21.23	21.01	20.94		
5	16QAM	25	0	20.97	21.02	20.92	20.78	20.75		
5	64QAM	1	0	21.33	21.31	21.16	21.01	20.94	21.8	2
5	64QAM	1	12	21.20	21.36	21.24	20.97	21.06		
5	64QAM	1	24	21.10	21.03	20.90	20.76	20.66		
5	64QAM	12	0	20.40	20.26	20.09	19.97	19.88	20.8	3
5	64QAM	12	7	20.15	20.24	20.18	20.01	20.01		
5	64QAM	12	13	20.31	20.15	20.22	19.97	20.05		
5	64QAM	25	0	20.27	20.21	20.08	20.06	19.79		

Reduced Power Mode for ECI10

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.07	31.37	31.22	**32.30**	22.07	22.37	22.22	**23.30**
GPRS 1 Tx slot	31.08	31.44	31.35	**32.30**	22.08	22.44	22.35	**23.30**
GPRS 2 Tx slots	28.18	28.59	28.49	**29.30**	22.18	22.59	22.49	**23.30**
GPRS 3 Tx slots	26.44	26.85	26.78	**27.30**	22.18	22.59	22.52	**23.04**
GPRS 4 Tx slots	25.18	25.58	25.48	**26.30**	22.18	22.58	22.48	**23.30**
EDGE(GMSK 1 Tx slot)	31.07	31.36	31.34	**32.30**	22.07	22.36	22.34	**23.30**
EDGE(GMSK 2 Tx slot)	28.09	28.47	28.43	**29.30**	22.09	22.47	22.43	**23.30**
EDGE(GMSK 3 Tx slot)	26.29	26.79	26.70	**27.30**	22.03	22.53	22.44	**23.04**
EDGE(GMSK 4 Tx slot)	25.04	25.53	25.42	**26.30**	22.04	22.53	22.42	**23.30**
EDGE 1 Tx slot	26.05	26.41	26.60	**27.80**	17.05	17.41	17.60	**18.80**
EDGE 2 Tx slots	23.87	23.94	24.08	**25.80**	17.87	17.94	18.08	**19.80**
EDGE 3 Tx slots	22.01	22.23	22.31	**23.30**	17.75	17.97	18.05	**19.04**
EDGE 4 Tx slots	21.26	21.54	21.63	**22.80**	18.26	18.54	18.63	**19.80**

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	30.08	30.33	30.22	**31.80**	21.08	21.33	21.22	**22.80**
GPRS 1 Tx slot	30.22	30.42	30.28	**31.80**	21.22	21.42	21.28	**22.80**
GPRS 2 Tx slots	27.41	27.63	27.46	**28.80**	21.41	21.63	21.46	**22.80**
GPRS 3 Tx slots	25.76	25.97	25.77	**26.80**	21.50	21.71	21.51	**22.54**
GPRS 4 Tx slots	24.53	24.72	24.53	**25.80**	21.53	21.72	21.53	**22.80**
EDGE(GMSK 1 Tx slot)	30.20	30.32	30.21	**31.80**	21.20	21.32	21.21	**22.80**
EDGE(GMSK 2 Tx slot)	27.40	27.52	27.32	**28.80**	21.40	21.52	21.32	**22.80**
EDGE(GMSK 3 Tx slot)	25.70	25.89	25.66	**26.80**	21.44	21.63	21.40	**22.54**
EDGE(GMSK 4 Tx slot)	24.38	24.63	24.45	**25.80**	21.38	21.63	21.45	**22.80**
EDGE 1 Tx slot	24.98	25.01	25.10	**26.80**	15.98	16.01	16.10	**17.80**
EDGE 2 Tx slots	22.80	22.80	22.95	**24.80**	16.80	16.80	16.95	**18.80**
EDGE 3 Tx slots	20.97	20.89	20.94	**22.30**	16.71	16.63	16.68	**18.04**
EDGE 4 Tx slots	20.14	20.20	20.23	**21.80**	17.14	17.20	17.23	**18.80**

GSM1900_Ant 4	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	29.51	29.78	29.88	**30.30**	20.51	20.78	20.88	**21.30**
GPRS 1 Tx slot	29.51	29.77	29.87	**30.30**	20.51	20.77	20.87	**21.30**
GPRS 2 Tx slots	27.04	27.39	27.38	**28.30**	21.04	21.39	21.38	**22.30**
GPRS 3 Tx slots	25.27	25.51	25.59	**26.30**	21.01	21.25	21.33	**22.04**
GPRS 4 Tx slots	23.98	24.11	24.14	**24.80**	20.98	21.11	21.14	**21.80**
EDGE(GMSK 1 Tx slot)	29.49	29.70	29.82	**30.30**	20.49	20.70	20.82	**21.30**
EDGE(GMSK 2 Tx slot)	26.93	27.24	27.24	**28.30**	20.93	21.24	21.24	**22.30**
EDGE(GMSK 3 Tx slot)	25.24	25.46	25.55	**26.30**	20.98	21.20	21.29	**22.04**
EDGE(GMSK 4 Tx slot)	23.96	24.11	24.13	**24.80**	20.96	21.11	21.13	**21.80**
EDGE 1 Tx slot	25.61	25.75	25.71	**26.80**	16.61	16.75	16.71	**17.80**
EDGE 2 Tx slots	22.45	22.56	22.47	**23.80**	16.45	16.56	16.47	**17.80**
EDGE 3 Tx slots	20.95	20.97	20.85	**22.30**	16.69	16.71	16.59	**18.04**
EDGE 4 Tx slots	20.06	20.10	19.99	**21.80**	17.06	17.10	16.99	**18.80**

GSM1900_Ant 3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.21	28.34	28.31	**29.30**	19.21	19.34	19.31	**20.30**
GPRS 1 Tx slot	28.30	28.48	28.44	**29.30**	19.30	19.48	19.44	**20.30**
GPRS 2 Tx slots	25.34	25.50	25.40	**26.30**	19.34	19.50	19.40	**20.30**
GPRS 3 Tx slots	23.46	23.71	23.62	**24.50**	19.20	19.45	19.36	**20.24**
GPRS 4 Tx slots	22.17	22.39	22.29	**23.30**	19.17	19.39	19.29	**20.30**
EDGE(GMSK 1 Tx slot)	28.19	28.43	28.31	**29.30**	19.19	19.43	19.31	**20.30**
EDGE(GMSK 2 Tx slot)	25.36	25.45	25.34	**26.30**	19.36	19.45	19.34	**20.30**
EDGE(GMSK 3 Tx slot)	23.33	23.68	23.53	**24.50**	19.07	19.42	19.27	**20.24**
EDGE(GMSK 4 Tx slot)	22.03	22.29	22.14	**23.30**	19.03	19.29	19.14	**20.30**
EDGE 1 Tx slot	25.60	25.82	25.65	**27.30**	16.60	16.82	16.65	**18.30**
EDGE 2 Tx slots	22.80	22.91	22.80	**24.80**	16.80	16.91	16.80	**18.80**
EDGE 3 Tx slots	20.96	21.22	20.97	**22.80**	16.70	16.96	16.71	**18.54**
EDGE 4 Tx slots	20.35	20.39	20.30	**22.30**	17.35	17.39	17.30	**19.30**

Band		WCDMA II_Ant 4			Tune-up Limit (dBm)	WCDMA II_Ant 3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.77	23.77	23.68	**24.80**	18.71	18.68	18.64	**19.30**
3GPP Rel 99	RMC 12.2Kbps	23.87	23.89	23.82	**24.80**	18.73	18.75	18.71	**19.30**
3GPP Rel 6	HSDPA Subtest-1	22.87	22.91	22.87	**24.80**	18.71	18.73	18.67	**19.30**
3GPP Rel 6	HSDPA Subtest-2	22.87	22.96	22.86	**24.80**	18.72	18.66	18.69	**19.30**
3GPP Rel 6	HSDPA Subtest-3	22.42	22.47	22.45	**24.30**	18.68	18.69	18.72	**19.30**
3GPP Rel 6	HSDPA Subtest-4	22.38	22.47	22.40	**24.30**	18.73	18.70	18.70	**19.30**
3GPP Rel 8	DC-HSDPA Subtest-1	22.88	22.82	22.81	**24.80**	18.68	18.69	18.70	**19.30**
3GPP Rel 8	DC-HSDPA Subtest-2	22.84	22.94	22.83	**24.80**	18.65	18.71	18.67	**19.30**
3GPP Rel 8	DC-HSDPA Subtest-3	22.38	22.39	22.32	**24.30**	18.68	18.67	18.71	**19.30**
3GPP Rel 8	DC-HSDPA Subtest-4	22.33	22.44	22.35	**24.30**	18.61	18.61	18.71	**19.30**
3GPP Rel 6	HSUPA Subtest-1	20.92	20.87	20.81	**21.80**	18.59	18.64	18.68	**19.30**
3GPP Rel 6	HSUPA Subtest-2	20.94	20.93	20.87	**21.80**	18.61	18.67	18.64	**19.30**
3GPP Rel 6	HSUPA Subtest-3	21.91	21.90	21.86	**22.80**	18.61	18.61	18.66	**19.30**
3GPP Rel 6	HSUPA Subtest-4	20.44	20.45	20.42	**21.80**	18.63	18.64	18.62	**19.30**
3GPP Rel 6	HSUPA Subtest-5	21.90	21.90	21.90	**22.80**	18.68	18.64	18.58	**19.30**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.89	20.87	20.80	**22.80**	18.67	18.72	18.65	**19.30**

Band		WCDMA IV_Ant 4			Tune-up Limit (dBm)	WCDMA IV_Ant 3			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.11	24.07	24.16	**24.80**	18.16	18.25	18.14	**18.30**
3GPP Rel 99	RMC 12.2Kbps	24.25	24.26	24.18	**24.80**	18.26	18.27	18.22	**18.30**
3GPP Rel 6	HSDPA Subtest-1	23.26	23.24	23.15	**23.80**	18.23	18.22	18.21	**18.30**
3GPP Rel 6	HSDPA Subtest-2	23.28	23.28	23.19	**23.80**	18.20	18.26	18.26	**18.30**
3GPP Rel 6	HSDPA Subtest-3	22.85	22.81	22.66	**23.30**	18.22	18.19	18.24	**18.30**
3GPP Rel 6	HSDPA Subtest-4	22.78	22.78	22.74	**23.30**	18.15	18.25	18.19	**18.30**
3GPP Rel 8	DC-HSDPA Subtest-1	23.27	23.27	23.34	**23.80**	18.11	18.09	18.15	**18.30**
3GPP Rel 8	DC-HSDPA Subtest-2	23.30	23.29	23.27	**23.80**	18.18	18.12	18.19	**18.30**
3GPP Rel 8	DC-HSDPA Subtest-3	22.79	22.85	22.86	**23.30**	18.18	18.18	18.12	**18.30**
3GPP Rel 8	DC-HSDPA Subtest-4	22.73	22.79	22.74	**23.30**	18.03	18.14	18.18	**18.30**
3GPP Rel 6	HSUPA Subtest-1	21.34	21.35	21.33	**21.80**	18.12	18.12	18.08	**18.30**
3GPP Rel 6	HSUPA Subtest-2	21.35	21.36	21.35	**21.80**	18.20	18.17	18.14	**18.30**
3GPP Rel 6	HSUPA Subtest-3	22.37	22.38	22.35	**22.80**	18.21	18.24	18.14	**18.30**
3GPP Rel 6	HSUPA Subtest-4	20.89	20.89	20.84	**21.80**	18.22	18.20	18.11	**18.30**
3GPP Rel 6	HSUPA Subtest-5	22.40	22.40	22.30	**22.80**	18.16	18.26	18.18	**18.30**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.32	21.32	21.21	**22.80**	18.25	18.25	18.18	**18.30**

Band		WCDMA V_Ant 1			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.70	21.74	21.67	**22.80**	21.81	21.84	21.86	**22.80**
3GPP Rel 99	RMC 12.2Kbps	21.82	21.85	21.81	**22.80**	21.84	21.92	21.89	**22.80**
3GPP Rel 6	HSDPA Subtest-1	21.71	21.76	21.73	**22.80**	21.87	21.89	21.88	**22.80**
3GPP Rel 6	HSDPA Subtest-2	21.67	21.73	21.70	**22.80**	21.73	21.83	21.83	**22.80**
3GPP Rel 6	HSDPA Subtest-3	21.70	21.77	21.77	**22.80**	21.42	21.53	21.38	**22.30**
3GPP Rel 6	HSDPA Subtest-4	21.66	21.73	21.72	**22.80**	21.33	21.36	21.52	**22.30**
3GPP Rel 8	DC-HSDPA Subtest-1	21.67	21.66	21.65	**22.80**	21.76	21.90	21.85	**22.80**
3GPP Rel 8	DC-HSDPA Subtest-2	21.65	21.69	21.61	**22.80**	21.70	21.87	21.89	**22.80**
3GPP Rel 8	DC-HSDPA Subtest-3	21.59	21.69	21.74	**22.80**	21.27	21.36	21.31	**22.30**
3GPP Rel 8	DC-HSDPA Subtest-4	21.52	21.59	21.63	**22.80**	21.26	21.43	21.35	**22.30**
3GPP Rel 6	HSUPA Subtest-1	20.97	20.70	20.76	**21.80**	19.79	19.91	19.94	**20.80**
3GPP Rel 6	HSUPA Subtest-2	20.71	20.72	20.77	**21.80**	19.85	20.00	19.88	**20.80**
3GPP Rel 6	HSUPA Subtest-3	21.73	21.75	21.76	**22.80**	20.81	20.96	20.84	**21.80**
3GPP Rel 6	HSUPA Subtest-4	20.25	20.26	20.26	**21.80**	19.41	19.42	19.34	**20.80**
3GPP Rel 6	HSUPA Subtest-5	21.70	21.70	21.70	**22.80**	21.39	20.97	20.82	**21.80**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.89	20.98	20.90	**22.80**	20.02	19.91	19.95	**21.80**

Band 2_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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.11	23.12	23.04		
20	QPSK	1	49	22.98	23.02	22.99	23.8	0
20	QPSK	1	99	22.85	22.90	22.88		
20	QPSK	50	0	22.22	22.24	22.10		
20	QPSK	50	24	22.10	22.15	22.02	22.8	1
20	QPSK	50	50	21.97	22.11	22.01		
20	QPSK	100	0	22.09	22.14	22.03		
20	16QAM	1	0	22.40	22.41	22.35		
20	16QAM	1	49	22.36	22.42	22.28	22.8	1
20	16QAM	1	99	22.31	22.37	22.31		
20	16QAM	50	0	21.05	21.12	21.01		
20	16QAM	50	24	21.02	21.11	21.10	21.8	2
20	16QAM	50	50	21.00	21.11	20.98		
20	16QAM	100	0	20.98	21.12	21.05		
20	64QAM	1	0	21.31	21.34	21.33		
20	64QAM	1	49	21.28	21.32	21.19	21.8	2
20	64QAM	1	99	21.15	21.26	21.25		
20	64QAM	50	0	20.04	20.13	20.07		
20	64QAM	50	24	19.96	20.11	20.03	20.8	3
20	64QAM	50	50	19.94	20.09	19.98		
20	64QAM	100	0	20.09	20.11	20.04		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.05	23.08	23.00		
15	QPSK	1	37	22.93	22.88	22.86	23.8	0
15	QPSK	1	74	22.73	22.87	22.82		
15	QPSK	36	0	22.07	22.23	22.09		
15	QPSK	36	20	21.95	22.01	21.98	22.8	1
15	QPSK	36	39	21.84	22.03	21.95		
15	QPSK	75	0	22.00	22.09	22.02		
15	16QAM	1	0	22.34	22.32	22.20		
15	16QAM	1	37	22.26	22.28	22.26	22.8	1
15	16QAM	1	74	22.23	22.29	22.17		
15	16QAM	36	0	20.99	21.10	20.98		
15	16QAM	36	20	20.96	21.07	20.98	21.8	2
15	16QAM	36	39	20.91	20.99	20.95		
15	16QAM	75	0	20.96	20.98	20.96		
15	64QAM	1	0	21.22	21.21	21.19		
15	64QAM	1	37	21.14	21.28	21.17	21.8	2
15	64QAM	1	74	21.01	21.20	21.19		
15	64QAM	36	0	20.00	19.99	19.93		
15	64QAM	36	20	19.90	20.02	19.97	20.8	3
15	64QAM	36	39	19.85	19.94	19.89		
15	64QAM	75	0	19.96	20.08	19.98		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.10	23.02	22.95		
10	QPSK	1	25	22.84	22.98	22.90	23.8	0
10	QPSK	1	49	22.82	22.81	22.85		
10	QPSK	25	0	22.15	22.19	22.04		
10	QPSK	25	12	22.02	22.05	21.94	22.8	1
10	QPSK	25	25	21.89	22.07	21.86		
10	QPSK	50	0	22.08	22.05	21.95		
10	16QAM	1	0	22.36	22.26	22.32		
10	16QAM	1	25	22.30	22.36	22.19	22.8	1
10	16QAM	1	49	22.27	22.36	22.30		
10	16QAM	25	0	20.94	21.03	20.99		
10	16QAM	25	12	20.87	21.05	21.04	21.8	2
10	16QAM	25	25	20.93	21.09	20.93		
10	16QAM	50	0	20.96	20.98	20.97		
10	64QAM	1	0	21.26	21.33	21.24		
10	64QAM	1	25	21.19	21.29	21.14	21.8	2
10	64QAM	1	49	21.05	21.11	21.14		
10	64QAM	25	0	19.94	20.03	19.94		
10	64QAM	25	12	19.83	20.03	19.97	20.8	3
10	64QAM	25	25	19.79	19.95	19.86		
10	64QAM	50	0	20.05	20.09	19.93		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.00	23.10	22.98		
5	QPSK	1	12	22.94	22.91	22.93	23.8	0
5	QPSK	1	24	22.80	22.76	22.80		
5	QPSK	12	0	22.08	22.10	21.99		
5	QPSK	12	7	22.05	22.01	21.99	22.8	1
5	QPSK	12	13	21.89	22.01	21.90		
5	QPSK	25	0	22.04	21.99	21.96		
5	16QAM	1	0	22.25	22.33	22.27		
5	16QAM	1	12	22.27	22.35	22.16	22.8	1
5	16QAM	1	24	22.29	22.31	22.21		
5	16QAM	12	0	20.91	20.97	20.94		
5	16QAM	12	7	21.01	21.06	21.05	21.8	2
5	16QAM	12	13	20.89	20.96	20.96		
5	16QAM	25	0	20.93	21.08	20.96		
5	64QAM	1	0	21.20	21.27	21.22		
5	64QAM	1	12	21.20	21.17	21.05	21.8	2
5	64QAM	1	24	21.01	21.19	21.17		
5	64QAM	12	0	20.00	20.03	20.06		
5	64QAM	12	7	19.92	20.06	19.91	20.8	3
5	64QAM	12	13	19.83	19.97	19.97		
5	64QAM	25	0	20.01	20.09	19.99		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.06	23.05	23.03		
3	QPSK	1	8	22.84	22.95	22.98	23.8	0
3	QPSK	1	14	22.73	22.84	22.74		
3	QPSK	8	0	22.10	22.11	22.03		
3	QPSK	8	4	22.05	22.13	22.01	22.8	1
3	QPSK	8	7	21.96	22.08	21.90		
3	QPSK	15	0	21.94	22.05	21.90		
3	16QAM	1	0	22.39	22.38	22.32		
3	16QAM	1	8	22.34	22.28	22.13	22.8	1
3	16QAM	1	14	22.17	22.34	22.20		
3	16QAM	8	0	20.96	21.07	20.87		
3	16QAM	8	4	21.00	21.00	20.95	21.8	2
3	16QAM	8	7	20.90	20.97	20.88		
3	16QAM	15	0	20.88	21.11	20.91		
3	64QAM	1	0	21.17	21.21	21.20		
3	64QAM	1	8	21.15	21.19	21.15	21.8	2
3	64QAM	1	14	21.12	21.23	21.22		
3	64QAM	8	0	19.96	20.03	19.99		
3	64QAM	8	4	19.91	20.02	19.98	20.8	3
3	64QAM	8	7	19.91	20.07	19.97		
3	64QAM	15	0	19.99	20.07	20.01		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.02	23.00	23.00		
1.4	QPSK	1	3	22.84	23.00	22.86		
1.4	QPSK	1	5	22.80	22.75	22.86	23.8	0
1.4	QPSK	3	0	22.97	22.89	22.96		
1.4	QPSK	3	1	22.81	22.98	22.76		
1.4	QPSK	3	3	22.69	22.62	22.72		
1.4	QPSK	6	0	21.95	21.99	22.02	22.8	1
1.4	16QAM	1	0	22.36	22.40	22.31		
1.4	16QAM	1	3	22.34	22.37	22.27		
1.4	16QAM	1	5	22.21	22.30	22.16	22.8	1
1.4	16QAM	3	0	22.28	22.31	22.28		
1.4	16QAM	3	1	22.22	22.26	22.23		
1.4	16QAM	3	3	22.19	22.26	22.15		
1.4	16QAM	6	0	20.96	21.06	20.99	21.8	2
1.4	64QAM	1	0	21.24	21.28	21.24		
1.4	64QAM	1	3	21.22	21.23	21.18		
1.4	64QAM	1	5	21.06	21.13	21.16	21.8	2
1.4	64QAM	3	0	21.14	21.21	21.19		
1.4	64QAM	3	1	21.14	21.17	21.10		
1.4	64QAM	3	3	20.93	21.10	21.05		
1.4	64QAM	6	0	19.94	19.99	20.03	20.8	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.52	18.57	18.51		
20	QPSK	1	49	18.49	18.49	18.48	18.8	0
20	QPSK	1	99	18.49	18.45	18.36		
20	QPSK	50	0	18.48	18.50	18.46		
20	QPSK	50	24	18.46	18.44	18.45	18.8	0
20	QPSK	50	50	18.44	18.46	18.40		
20	QPSK	100	0	18.44	18.46	18.41		
20	16QAM	1	0	18.50	18.44	18.45		
20	16QAM	1	49	18.44	18.54	18.48	18.8	0
20	16QAM	1	99	18.43	18.44	18.36		
20	16QAM	50	0	18.47	18.54	18.43		
20	16QAM	50	24	18.46	18.51	18.46	18.8	0
20	16QAM	50	50	18.50	18.49	18.50		
20	16QAM	100	0	18.51	18.45	18.40		
20	64QAM	1	0	18.38	18.48	18.45		
20	64QAM	1	49	18.47	18.44	18.47	18.8	0
20	64QAM	1	99	18.45	18.52	18.49		
20	64QAM	50	0	18.38	18.49	18.43		
20	64QAM	50	24	18.44	18.52	18.39	18.8	0
20	64QAM	50	50	18.45	18.44	18.49		
20	64QAM	100	0	18.38	18.47	18.41		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.43	18.49	18.42		
15	QPSK	1	37	18.34	18.38	18.47	18.8	0
15	QPSK	1	74	18.38	18.38	18.22		
15	QPSK	36	0	18.36	18.47	18.37		
15	QPSK	36	20	18.44	18.42	18.42	18.8	0
15	QPSK	36	39	18.30	18.42	18.26		
15	QPSK	75	0	18.41	18.34	18.35		
15	16QAM	1	0	18.49	18.33	18.43		
15	16QAM	1	37	18.43	18.41	18.41	18.8	0
15	16QAM	1	74	18.30	18.30	18.21		
15	16QAM	36	0	18.34	18.53	18.28		
15	16QAM	36	20	18.35	18.45	18.31	18.8	0
15	16QAM	36	39	18.43	18.35	18.35		
15	16QAM	75	0	18.37	18.39	18.34		
15	64QAM	1	0	18.23	18.42	18.44		
15	64QAM	1	37	18.46	18.30	18.35	18.8	0
15	64QAM	1	74	18.41	18.39	18.35		
15	64QAM	36	0	18.36	18.43	18.38		
15	64QAM	36	20	18.38	18.37	18.28	18.8	0
15	64QAM	36	39	18.43	18.32	18.34		
15	64QAM	75	0	18.25	18.45	18.39		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.38	18.45	18.41		
10	QPSK	1	25	18.36	18.42	18.44	18.8	0
10	QPSK	1	49	18.34	18.31	18.23		
10	QPSK	25	0	18.36	18.46	18.37		
10	QPSK	25	12	18.34	18.33	18.34	18.8	0
10	QPSK	25	25	18.36	18.39	18.30		
10	QPSK	50	0	18.30	18.33	18.34		
10	16QAM	1	0	18.46	18.32	18.38		
10	16QAM	1	25	18.39	18.42	18.37	18.8	0
10	16QAM	1	49	18.29	18.43	18.34		
10	16QAM	25	0	18.32	18.52	18.39		
10	16QAM	25	12	18.38	18.43	18.35	18.8	0
10	16QAM	25	25	18.39	18.39	18.38		
10	16QAM	50	0	18.38	18.37	18.35		
10	64QAM	1	0	18.30	18.45	18.33		
10	64QAM	1	25	18.34	18.39	18.40	18.8	0
10	64QAM	1	49	18.37	18.39	18.41		
10	64QAM	25	0	18.37	18.39	18.29		
10	64QAM	25	12	18.34	18.44	18.28	18.8	0
10	64QAM	25	25	18.38	18.32	18.38		
10	64QAM	50	0	18.29	18.33	18.37		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.51	18.46	18.36		
5	QPSK	1	12	18.46	18.46	18.35	18.8	0
5	QPSK	1	24	18.46	18.31	18.29		
5	QPSK	12	0	18.38	18.42	18.38		
5	QPSK	12	7	18.32	18.32	18.39	18.8	0
5	QPSK	12	13	18.36	18.44	18.31		
5	QPSK	25	0	18.40	18.34	18.40		
5	16QAM	1	0	18.45	18.42	18.39		
5	16QAM	1	12	18.38	18.44	18.35	18.8	0
5	16QAM	1	24	18.30	18.30	18.33		
5	16QAM	12	0	18.35	18.42	18.28		
5	16QAM	12	7	18.37	18.49	18.38	18.8	0
5	16QAM	12	13	18.37	18.44	18.37		
5	16QAM	25	0	18.47	18.35	18.39		
5	64QAM	1	0	18.24	18.45	18.37		
5	64QAM	1	12	18.36	18.33	18.44	18.8	0
5	64QAM	1	24	18.34	18.48	18.47		
5	64QAM	12	0	18.35	18.44	18.40		
5	64QAM	12	7	18.41	18.38	18.26	18.8	0
5	64QAM	12	13	18.41	18.34	18.37		
5	64QAM	25	0	18.28	18.33	18.32		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.37	18.47	18.43		
3	QPSK	1	8	18.46	18.44	18.39	18.8	0
3	QPSK	1	14	18.34	18.30	18.24		
3	QPSK	8	0	18.33	18.48	18.38		
3	QPSK	8	4	18.42	18.34	18.43	18.8	0
3	QPSK	8	7	18.37	18.45	18.39		
3	QPSK	15	0	18.37	18.40	18.37		
3	16QAM	1	0	18.39	18.42	18.43		
3	16QAM	1	8	18.38	18.44	18.46	18.8	0
3	16QAM	1	14	18.35	18.39	18.21		
3	16QAM	8	0	18.45	18.51	18.28		
3	16QAM	8	4	18.36	18.48	18.40	18.8	0
3	16QAM	8	7	18.37	18.36	18.46		
3	16QAM	15	0	18.47	18.42	18.34		
3	64QAM	1	0	18.36	18.35	18.42		
3	64QAM	1	8	18.45	18.34	18.39	18.8	0
3	64QAM	1	14	18.30	18.40	18.41		
3	64QAM	8	0	18.37	18.48	18.40		
3	64QAM	8	4	18.29	18.39	18.24	18.8	0
3	64QAM	8	7	18.35	18.37	18.39		
3	64QAM	15	0	18.28	18.35	18.36		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.37	18.56	18.38		
1.4	QPSK	1	3	18.39	18.36	18.44		
1.4	QPSK	1	5	18.46	18.38	18.21	18.8	0
1.4	QPSK	3	0	18.38	18.39	18.41		
1.4	QPSK	3	1	18.42	18.34	18.41		
1.4	QPSK	3	3	18.42	18.43	18.36		
1.4	QPSK	6	0	18.31	18.33	18.33	18.8	0
1.4	16QAM	1	0	18.45	18.35	18.36		
1.4	16QAM	1	3	18.36	18.45	18.36		
1.4	16QAM	1	5	18.35	18.40	18.35	18.8	0
1.4	16QAM	3	0	18.33	18.46	18.35		
1.4	16QAM	3	1	18.40	18.42	18.33		
1.4	16QAM	3	3	18.46	18.38	18.45		
1.4	16QAM	6	0	18.42	18.32	18.28	18.8	0
1.4	64QAM	1	0	18.33	18.38	18.38		
1.4	64QAM	1	3	18.35	18.33	18.40		
1.4	64QAM	1	5	18.34	18.47	18.43	18.8	0
1.4	64QAM	3	0	18.27	18.41	18.39		
1.4	64QAM	3	1	18.31	18.45	18.24		
1.4	64QAM	3	3	18.43	18.30	18.39		
1.4	64QAM	6	0	18.27	18.32	18.28	18.8	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.57	19.68	19.62		
20	QPSK	1	49	19.55	19.52	19.46	19.8	0
20	QPSK	1	99	19.39	19.46	19.38		
20	QPSK	50	0	19.53	19.63	19.57		
20	QPSK	50	24	19.49	19.60	19.51	19.8	0
20	QPSK	50	50	19.52	19.59	19.52		
20	QPSK	100	0	19.57	19.60	19.57		
20	16QAM	1	0	19.63	19.60	19.52		
20	16QAM	1	49	19.62	19.60	19.56	19.8	0
20	16QAM	1	99	19.67	19.59	19.55		
20	16QAM	50	0	19.29	19.25	19.31		
20	16QAM	50	24	19.48	19.45	19.43	19.8	0
20	16QAM	50	50	19.27	19.31	19.24		
20	16QAM	100	0	19.24	19.49	19.30		
20	64QAM	1	0	19.44	19.48	19.35		
20	64QAM	1	49	19.23	19.40	19.28	19.8	0
20	64QAM	1	99	19.38	19.45	19.24		
20	64QAM	50	0	18.27	18.34	18.26		
20	64QAM	50	24	18.46	18.44	18.45	18.8	1
20	64QAM	50	50	18.42	18.38	18.28		
20	64QAM	100	0	18.18	18.48	18.29		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.51	19.65	19.51		
15	QPSK	1	37	19.48	19.50	19.35	19.8	0
15	QPSK	1	74	19.26	19.44	19.36		
15	QPSK	36	0	19.47	19.59	19.46		
15	QPSK	36	20	19.48	19.56	19.48	19.8	0
15	QPSK	36	39	19.42	19.44	19.41		
15	QPSK	75	0	19.51	19.46	19.56		
15	16QAM	1	0	19.58	19.65	19.41		
15	16QAM	1	37	19.48	19.48	19.42	19.8	0
15	16QAM	1	74	19.63	19.55	19.51		
15	16QAM	36	0	19.21	19.24	19.19		
15	16QAM	36	20	19.37	19.34	19.39	19.8	0
15	16QAM	36	39	19.24	19.30	19.12		
15	16QAM	75	0	19.21	19.34	19.17		
15	64QAM	1	0	19.40	19.41	19.20		
15	64QAM	1	37	19.12	19.26	19.17	19.8	0
15	64QAM	1	74	19.32	19.32	19.23		
15	64QAM	36	0	18.24	18.30	18.19		
15	64QAM	36	20	18.36	18.38	18.37	18.8	1
15	64QAM	36	39	18.40	18.31	18.23		
15	64QAM	75	0	18.05	18.45	18.24		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.47	19.60	19.59		
10	QPSK	1	25	19.54	19.49	19.45	19.8	0
10	QPSK	1	49	19.34	19.31	19.34		
10	QPSK	25	0	19.38	19.57	19.42		
10	QPSK	25	12	19.41	19.59	19.36	19.8	0
10	QPSK	25	25	19.43	19.55	19.48		
10	QPSK	50	0	19.49	19.47	19.44		
10	16QAM	1	0	19.52	19.63	19.37		
10	16QAM	1	25	19.61	19.55	19.53	19.8	0
10	16QAM	1	49	19.64	19.57	19.43		
10	16QAM	25	0	19.24	19.19	19.23		
10	16QAM	25	12	19.41	19.39	19.29	19.8	0
10	16QAM	25	25	19.14	19.22	19.19		
10	16QAM	50	0	19.15	19.39	19.29		
10	64QAM	1	0	19.40	19.43	19.23		
10	64QAM	1	25	19.08	19.35	19.25	19.8	0
10	64QAM	1	49	19.36	19.32	19.10		
10	64QAM	25	0	18.20	18.23	18.15		
10	64QAM	25	12	18.44	18.38	18.41	18.8	1
10	64QAM	25	25	18.29	18.32	18.18		
10	64QAM	50	0	18.07	18.37	18.21		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.51	19.53	19.58		
5	QPSK	1	12	19.54	19.49	19.37	19.8	0
5	QPSK	1	24	19.35	19.43	19.28		
5	QPSK	12	0	19.40	19.56	19.44		
5	QPSK	12	7	19.45	19.51	19.49	19.8	0
5	QPSK	12	13	19.43	19.52	19.50		
5	QPSK	25	0	19.49	19.52	19.54		
5	16QAM	1	0	19.59	19.64	19.47		
5	16QAM	1	12	19.60	19.57	19.46	19.8	0
5	16QAM	1	24	19.59	19.48	19.41		
5	16QAM	12	0	19.24	19.11	19.20		
5	16QAM	12	7	19.41	19.30	19.36	19.8	0
5	16QAM	12	13	19.16	19.17	19.17		
5	16QAM	25	0	19.22	19.42	19.17		
5	64QAM	1	0	19.42	19.34	19.34		
5	64QAM	1	12	19.09	19.29	19.14	19.8	0
5	64QAM	1	24	19.23	19.42	19.21		
5	64QAM	12	0	18.18	18.21	18.11		
5	64QAM	12	7	18.44	18.34	18.34	18.8	1
5	64QAM	12	13	18.33	18.28	18.19		
5	64QAM	25	0	18.09	18.38	18.24		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.50	19.61	19.55		
3	QPSK	1	8	19.44	19.44	19.35	19.8	0
3	QPSK	1	14	19.33

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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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.90	23.92	23.89		
20	QPSK	1	49	23.71	23.82	23.78	25	0
20	QPSK	1	99	23.60	23.66	23.54		
20	QPSK	50	0	22.84	22.87	22.86		
20	QPSK	50	24	22.82	22.86	22.85	24	1
20	QPSK	50	50	22.77	22.83	22.75		
20	QPSK	100	0	22.74	22.85	22.73		
20	16QAM	1	0	23.00	23.09	23.07		
20	16QAM	1	49	23.07	23.09	23.04	24	1
20	16QAM	1	99	22.93	22.95	22.83		
20	16QAM	50	0	21.68	21.83	21.81		
20	16QAM	50	24	21.74	21.85	21.83	23	2
20	16QAM	50	50	21.77	21.81	21.76		
20	16QAM	100	0	21.77	21.85	21.77		
20	64QAM	1	0	22.03	22.04	21.96		
20	64QAM	1	49	21.82	21.97	21.86	23	2
20	64QAM	1	99	21.76	21.88	21.79		
20	64QAM	50	0	20.77	20.85	20.72		
20	64QAM	50	24	20.76	20.88	20.87	22	3
20	64QAM	50	50	20.73	20.85	20.74		
20	64QAM	100	0	20.83	20.86	20.85		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.88	23.77	23.81		
15	QPSK	1	37	23.66	23.74	23.74	25	0
15	QPSK	1	74	23.46	23.58	23.39		
15	QPSK	36	0	22.79	22.79	22.83		
15	QPSK	36	20	22.79	22.78	22.82	24	1
15	QPSK	36	39	22.74	22.80	22.69		
15	QPSK	75	0	22.62	22.72	22.70		
15	16QAM	1	0	22.95	23.04	22.93		
15	16QAM	1	37	23.04	23.07	23.01	24	1
15	16QAM	1	74	22.86	22.84	22.73		
15	16QAM	36	0	21.54	21.76	21.78		
15	16QAM	36	20	21.68	21.80	21.73	23	2
15	16QAM	36	39	21.64	21.67	21.70		
15	16QAM	75	0	21.65	21.77	21.74		
15	64QAM	1	0	21.96	21.91	21.92		
15	64QAM	1	37	21.81	21.92	21.72	23	2
15	64QAM	1	74	21.68	21.75	21.76		
15	64QAM	36	0	20.65	20.80	20.69		
15	64QAM	36	20	20.69	20.86	20.72	22	3
15	64QAM	36	39	20.65	20.84	20.60		
15	64QAM	75	0	20.69	20.73	20.81		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.78	23.85	23.75		
10	QPSK	1	25	23.57	23.80	23.76	25	0
10	QPSK	1	49	23.48	23.64	23.50		
10	QPSK	25	0	22.78	22.82	22.73		
10	QPSK	25	12	22.73	22.79	22.70	24	1
10	QPSK	25	25	22.66	22.71	22.61		
10	QPSK	50	0	22.62	22.77	22.61		
10	16QAM	1	0	22.97	22.97	22.94		
10	16QAM	1	25	23.03	22.98	23.00	24	1
10	16QAM	1	49	22.89	22.94	22.74		
10	16QAM	25	0	21.56	21.79	21.80		
10	16QAM	25	12	21.66	21.74	21.79	23	2
10	16QAM	25	25	21.68	21.71	21.63		
10	16QAM	50	0	21.75	21.71	21.66		
10	64QAM	1	0	21.96	21.99	21.88		
10	64QAM	1	25	21.70	21.84	21.74	23	2
10	64QAM	1	49	21.64	21.74	21.78		
10	64QAM	25	0	20.67	20.82	20.64		
10	64QAM	25	12	20.62	20.74	20.82	22	3
10	64QAM	25	25	20.61	20.82	20.72		
10	64QAM	50	0	20.77	20.73	20.79		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.88	23.78	23.74		
5	QPSK	1	12	23.58	23.70	23.71	25	0
5	QPSK	1	24	23.54	23.60	23.47		
5	QPSK	12	0	22.69	22.75	22.80		
5	QPSK	12	7	22.68	22.81	22.83	24	1
5	QPSK	12	13	22.65	22.81	22.69		
5	QPSK	25	0	22.69	22.71	22.58		
5	16QAM	1	0	22.99	23.06	22.97		
5	16QAM	1	12	22.94	22.98	22.93	24	1
5	16QAM	1	24	22.84	22.94	22.69		
5	16QAM	12	0	21.60	21.81	21.74		
5	16QAM	12	7	21.61	21.71	21.79	23	2
5	16QAM	12	13	21.74	21.78	21.63		
5	16QAM	25	0	21.73	21.71	21.72		
5	64QAM	1	0	21.98	21.92	21.83		
5	64QAM	1	12	21.69	21.84	21.76	23	2
5	64QAM	1	24	21.72	21.76	21.71		
5	64QAM	12	0	20.64	20.79	20.61		
5	64QAM	12	7	20.74	20.85	20.81	22	3
5	64QAM	12	13	20.69	20.70	20.65		
5	64QAM	25	0	20.76	20.84	20.74		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.86	23.90	23.79		
3	QPSK	1	8	23.59	23.77	23.63	25	0
3	QPSK	1	14	23.51	23.61	23.50		
3	QPSK	8	0	22.77	22.78	22.76		
3	QPSK	8	4	22.77	22.79	22.73	24	1
3	QPSK	8	7	22.63	22.78	22.70		
3	QPSK	15	0	22.68	22.70	22.66		
3	16QAM	1	0	22.99	23.04	22.96		
3	16QAM	1	8	22.96	23.04	23.00	24	1
3	16QAM	1	14	22.86	22.83	22.79		
3	16QAM	8	0	21.65	21.80	21.72		
3	16QAM	8	4	21.67	21.75	21.74	23	2
3	16QAM	8	7	21.64	21.79	21.74		
3	16QAM	15	0	21.75	21.78	21.68		
3	64QAM	1	0	21.90	22.03	21.88		
3	64QAM	1	8	21.72	21.91	21.85	23	2
3	64QAM	1	14	21.66	21.80	21.70		
3	64QAM	8	0	20.69	20.79	20.57		
3	64QAM	8	4	20.66	20.82	20.74	22	3
3	64QAM	8	7	20.70	20.77	20.66		
3	64QAM	15	0	20.70	20.81	20.71		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.81	23.78	23.80		
1.4	QPSK	1	3	23.69	23.72	23.74		
1.4	QPSK	1	5	23.58	23.59	23.46	25	0
1.4	QPSK	3	0	23.75	23.64	23.74		
1.4	QPSK	3	1	23.56	23.62	23.63		
1.4	QPSK	3	3	23.52	23.48	23.41		
1.4	QPSK	6	0	22.63	22.84	22.67	24	1
1.4	16QAM	1	0	22.88	22.95	23.05		
1.4	16QAM	1	3	22.97	23.03	22.91		
1.4	16QAM	1	5	22.80	22.84	22.74	24	1
1.4	16QAM	3	0	22.84	22.92	22.97		
1.4	16QAM	3	1	22.82	22.89	22.82		
1.4	16QAM	3	3	22.65	22.73	22.69		
1.4	16QAM	6	0	21.66	21.84	21.63	23	2
1.4	64QAM	1	0	21.99	21.99	21.92		
1.4	64QAM	1	3	21.78	21.87	21.79		
1.4	64QAM	1	5	21.61	21.79	21.70	23	2
1.4	64QAM	3	0	21.94	21.88	21.80		
1.4	64QAM	3	1	21.69	21.80	21.72		
1.4	64QAM	3	3	21.53	21.77	21.59		
1.4	64QAM	6	0	20.72	20.72	20.83	22	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.55	17.60	17.56		
20	QPSK	1	49	17.51	17.48	17.47	18	0
20	QPSK	1	99	17.51	17.49	17.47		
20	QPSK	50	0	17.51	17.58	17.55		
20	QPSK	50	24	17.43	17.48	17.44	18	0
20	QPSK	50	50	17.49	17.50	17.50		
20	QPSK	100	0	17.45	17.56	17.55		
20	16QAM	1	0	17.49	17.55	17.50		
20	16QAM	1	49	17.52	17.59	17.50	18	0
20	16QAM	1	99	17.45	17.52	17.52		
20	16QAM	50	0	17.44	17.46	17.49		
20	16QAM	50	24	17.49	17.52	17.44	18	0
20	16QAM	50	50	17.42	17.46	17.52		
20	16QAM	100	0	17.45	17.52	17.42		
20	64QAM	1	0	17.50	17.45	17.44		
20	64QAM	1	49	17.51	17.51	17.50	18	0
20	64QAM	1	99	17.50	17.48	17.44		
20	64QAM	50	0	17.43	17.47	17.42		
20	64QAM	50	24	17.41	17.59	17.42	18	0
20	64QAM	50	50	17.40	17.52	17.52		
20	64QAM	100	0	17.49	17.54	17.55		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.44	17.54	17.44		
15	QPSK	1	37	17.47	17.33	17.41	18	0
15	QPSK	1	74	17.45	17.48	17.46		
15	QPSK	36	0	17.40	17.53	17.47		
15	QPSK	36	20	17.39	17.37	17.41	18	0
15	QPSK	36	39	17.38	17.41	17.38		
15	QPSK	75	0	17.42	17.53	17.45		
15	16QAM	1	0	17.40	17.40	17.42		
15	16QAM	1	37	17.51	17.48	17.35	18	0
15	16QAM	1	74	17.30	17.41	17.49		
15	16QAM	36	0	17.43	17.43	17.46		
15	16QAM	36	20	17.47	17.51	17.29	18	0
15	16QAM	36	39	17.34	17.45	17.43		
15	16QAM	75	0	17.35	17.39	17.27		
15	64QAM	1	0	17.38	17.37	17.36		
15	64QAM	1	37	17.38	17.48	17.49	18	0
15	64QAM	1	74	17.45	17.35	17.37		
15	64QAM	36	0	17.33	17.38	17.36		
15	64QAM	36	20	17.34	17.58	17.41	18	0
15	64QAM	36	39	17.38	17.45	17.48		
15	64QAM	75	0	17.46	17.53	17.46		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.49	17.46	17.54		
10	QPSK	1	25	17.41	17.43	17.34	18	0
10	QPSK	1	49	17.37	17.45	17.46		
10	QPSK	25	0	17.44	17.45	17.46		
10	QPSK	25	12	17.39	17.35	17.33	18	0
10	QPSK	25	25	17.34	17.38	17.44		
10	QPSK	50	0	17.44	17.43	17.54		
10	16QAM	1	0	17.40	17.48	17.47		
10	16QAM	1	25	17.40	17.55	17.38	18	0
10	16QAM	1	49	17.34	17.38	17.41		
10	16QAM	25	0	17.37	17.43	17.46		
10	16QAM	25	12	17.42	17.39	17.37	18	0
10	16QAM	25	25	17.36	17.35	17.49		
10	16QAM	50	0	17.43	17.39	17.29		
10	64QAM	1	0	17.48	17.40	17.32		
10	64QAM	1	25	17.46	17.39	17.44	18	0
10	64QAM	1	49	17.44	17.38	17.39		
10	64QAM	25	0	17.37	17.35	17.35		
10	64QAM	25	12	17.27	17.47	17.33	18	0
10	64QAM	25	25	17.29	17.38	17.39		
10	64QAM	50	0	17.37	17.40	17.41		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.54	17.52	17.53		
5	QPSK	1	12	17.36	17.45	17.44	18	0
5	QPSK	1	24	17.45	17.48	17.45		
5	QPSK	12	0	17.38	17.53	17.49		
5	QPSK	12	7	17.37	17.39	17.30	18	0
5	QPSK	12	13	17.41	17.43	17.40		
5	QPSK	25	0	17.38	17.52	17.41		
5	16QAM	1	0	17.36	17.44	17.35		
5	16QAM	1	12	17.45	17.46	17.35	18	0
5	16QAM	1	24	17.37	17.51	17.47		
5	16QAM	12	0	17.31	17.40	17.48		
5	16QAM	12	7	17.48	17.46	17.31	18	0
5	16QAM	12	13	17.38	17.33	17.44		
5	16QAM	25	0	17.33	17.39	17.28		
5	64QAM	1	0	17.45	17.30	17.36		
5	64QAM	1	12	17.46	17.42	17.42	18	0
5	64QAM	1	24	17.42	17.40	17.40		
5	64QAM	12	0	17.42	17.38	17.27		
5	64QAM	12	7	17.31	17.44	17.38	18	0
5	64QAM	12	13	17.37	17.50	17.45		
5	64QAM	25	0	17.48	17.45	17.45		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.45	17.54	17.50		
3	QPSK	1	8	17.47	17.38	17.35	18	0
3	QPSK	1	14	17.36	17.44	17.33		
3	QPSK	8	0	17.44	17.47	17.52		
3	QPSK	8	4	17.41	17.34	17.39	18	0
3	QPSK	8	7	17.38	17.49	17.42		
3	QPSK	15	0	17.37	17.49	17.43		
3	16QAM	1	0	17.41	17.51	17.39		
3	16QAM	1	8	17.42	17.44	17.43	18	0
3	16QAM	1	14	17.41	17.42	17.44		
3	16QAM	8	0	17.33	17.31	17.45		
3	16QAM	8	4	17.38	17.50	17.37	18	0
3	16QAM	8	7	17.27	17.43	17.51		
3	16QAM	15	0	17.39	17.48	17.27		
3	64QAM	1	0	17.38	17.31	17.33		
3	64QAM	1	8	17.50	17.42	17.47	18	0
3	64QAM	1	14	17.43	17.46	17.33		
3	64QAM	8	0	17.41	17.40	17.34		
3	64QAM	8	4	17.39	17.53	17.29	18	0
3	64QAM	8	7	17.32	17.49	17.50		
3	64QAM	15	0	17.35	17.46	17.51		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.51	17.54	17.47		
1.4	QPSK	1	3	17.39	17.38	17.42		
1.4	QPSK	1	5	17.41	17.47	17.39	18	0
1.4	QPSK	3	0	17.43	17.47	17.43		
1.4	QPSK	3	1	17.40	17.34	17.39		
1.4	QPSK	3	3	17.40	17.48	17.35		
1.4	QPSK	6	0	17.44	17.52	17.48	18	0
1.4	16QAM	1	0	17.35	17.40	17.43		
1.4	16QAM	1	3	17.44	17.45	17.37		
1.4	16QAM	1	5	17.43	17.41	17.39	18	0
1.4	16QAM	3	0	17.42	17.34	17.42		
1.4	16QAM	3	1	17.36	17.46	17.40		
1.4	16QAM	3	3	17.32	17.44	17.51		
1.4	16QAM	6	0	17.43	17.43	17.34	18	0
1.4	64QAM	1	0	17.36	17.35	17.34		
1.4	64QAM	1	3	17.42	17.44	17.43		
1.4	64QAM	1	5	17.46	17.37	17.41	18	0
1.4	64QAM	3	0	17.42	17.45	17.28		
1.4	64QAM	3	1	17.26	17.53	17.38		
1.4	64QAM	3	3	17.30	17.46	17.51		
1.4	64QAM	6	0	17.45	17.44	17.40	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.39	22.40	22.30		
20	QPSK	1	49	22.30	22.25	22.24	23	0
20	QPSK	1	99	22.09	22.14	22.10		
20	QPSK	50	0	21.38	21.40	21.25		
20	QPSK	50	24	21.23	21.28	21.16	22	1
20	QPSK	50	50	21.33	21.27	21.24		
20	QPSK	100	0	21.36	21.39	21.22		
20	16QAM	1	0	21.54	21.58	21.51		
20	16QAM	1	49	21.62	21.55	21.43	22	1
20	16QAM	1	99	21.33	21.37	21.22		
20	16QAM	50	0	20.35	20.28	20.21		
20	16QAM	50	24	20.27	20.30	20.26	21	2
20	16QAM	50	50	20.25	20.25	20.15		
20	16QAM	100	0	20.29	20.27	20.25		
20	64QAM	1	0	20.54	20.45	20.33		
20	64QAM	1	49	20.40	20.41	20.28	21	2
20	64QAM	1	99	20.41	20.32	20.30		
20	64QAM	50	0	19.31	19.28	19.19		
20	64QAM	50	24	19.33	19.30	19.15	20	3
20	64QAM	50	50	19.33	19.25	19.21		
20	64QAM	100	0	19.29	19.30	19.24		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.36	22.19	22.29		
15	QPSK	1	37	22.23	22.13	22.19	23	0
15	QPSK	1	74	22.01	22.10	21.95		
15	QPSK	36	0	21.28	21.29	21.24		
15	QPSK	36	20	21.20	21.15	21.04	22	1
15	QPSK	36	39	21.23	21.20	21.09		
15	QPSK	75	0	21.30	21.15	21.12		
15	16QAM	1	0	21.53	21.50	21.42		
15	16QAM	1	37	21.52	21.41	21.30	22	1
15	16QAM	1	74	21.23	21.31	21.17		
15	16QAM	36	0	20.33	20.18	20.10		
15	16QAM	36	20	20.14	20.25	20.18	21	2
15	16QAM	36	39	20.22	20.19	20.00		
15	16QAM	75	0	20.28	20.17	20.17		
15	64QAM	1	0	20.50	20.30	20.29		
15	64QAM	1	37	20.38	20.34	20.26	21	2
15	64QAM	1	74	20.33	20.28	20.29		
15	64QAM	36	0	19.27	19.16	19.04		
15	64QAM	36	20	19.22	19.18	19.14	20	3
15	64QAM	36	39	19.26	19.15	19.13		
15	64QAM	75	0	19.16	19.15	19.09		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.25	22.24	22.19		
10	QPSK	1	25	22.22	22.16	22.13	23	0
10	QPSK	1	49	22.04	22.13	21.98		
10	QPSK	25	0	21.36	21.29	21.21		
10	QPSK	25	12	21.17	21.22	21.15	22	1
10	QPSK	25	25	21.30	21.24	21.09		
10	QPSK	50	0	21.24	21.14	21.17		
10	16QAM	1	0	21.39	21.47	21.50		
10	16QAM	1	25	21.50	21.51	21.32	22	1
10	16QAM	1	49	21.23	21.34	21.12		
10	16QAM	25	0	20.27	20.24	20.08		
10	16QAM	25	12	20.25	20.15	20.16	21	2
10	16QAM	25	25	20.24	20.19	20.00		
10	16QAM	50	0	20.18	20.18	20.24		
10	64QAM	1	0	20.51	20.38	20.30		
10	64QAM	1	25	20.38	20.35	20.22	21	2
10	64QAM	1	49	20.37	20.19	20.15		
10	64QAM	25	0	19.26	19.15	19.06		
10	64QAM	25	12	19.20	19.29	19.06	20	3
10	64QAM	25	25	19.31	19.22	19.14		
10	64QAM	50	0	19.22	19.27	19.21		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.32	22.27	22.25		
5	QPSK	1	12	22.16	22.18	22.18	23	0
5	QPSK	1	24	22.05	22.11	22.01		
5	QPSK	12	0	21.31	21.24	21.15		
5	QPSK	12	7	21.14	21.21	21.03	22	1
5	QPSK	12	13	21.26	21.13	21.15		
5	QPSK	25	0	21.32	21.21	21.15		
5	16QAM	1	0	21.43	21.43	21.47		
5	16QAM	1	12	21.58	21.49	21.30	22	1
5	16QAM	1	24	21.30	21.30	21.15		
5	16QAM	12	0	20.31	20.14	20.08		
5	16QAM	12	7	20.21	20.25	20.20	21	2
5	16QAM	12	13	20.19	20.12	20.01		
5	16QAM	25	0	20.28	20.26	20.11		
5	64QAM	1	0	20.50	20.37	20.30		
5	64QAM	1	12	20.30	20.36	20.17	21	2
5	64QAM	1	24	20.27	20.19	20.20		
5	64QAM	12	0	19.17	19.13	19.10		
5	64QAM	12	7	19.26	19.26	19.10	20	3
5	64QAM	12	13	19.20	19.19	19.06		
5	64QAM	25	0	19.17	19.15	19.20		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.28	22.29	22.19		
3	QPSK	1	8	22.18	22.19	22.09	23	0
3	QPSK	1	14	22.08	21.99	22.07		
3	QPSK	8	0	21.34	21.19	21.13		
3	QPSK	8	4	21.13	21.23	21.08	22	1
3	QPSK	8	7	21.22	21.21	21.14		
3	QPSK	15	0	21.28

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.85	20.92	20.91		
10	QPSK	1	25	20.71	20.83	20.76	22	0
10	QPSK	1	49	20.73	20.86	20.81		
10	QPSK	25	0	20.80	20.84	20.79		
10	QPSK	25	12	20.71	20.82	20.76	22	0
10	QPSK	25	25	20.75	20.74	20.73		
10	QPSK	50	0	20.73	20.80	20.77		
10	16QAM	1	0	20.77	20.79	20.85		
10	16QAM	1	25	20.80	20.77	20.88	22	0
10	16QAM	1	49	20.80	20.78	20.82		
10	16QAM	25	0	20.73	20.91	20.77		
10	16QAM	25	12	20.70	20.77	20.88	22	0
10	16QAM	25	25	20.74	20.86	20.80		
10	16QAM	50	0	20.72	20.77	20.77		
10	64QAM	1	0	20.76	20.80	20.89		
10	64QAM	1	25	20.74	20.87	20.90	22	0
10	64QAM	1	49	20.75	20.85	20.86		
10	64QAM	25	0	20.60	20.69	20.77		
10	64QAM	25	12	20.74	20.74	20.70	22	0
10	64QAM	25	25	20.53	20.73	20.67		
10	64QAM	50	0	20.80	20.75	20.58		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.73	20.88	20.83		
5	QPSK	1	12	20.67	20.72	20.68	22	0
5	QPSK	1	24	20.58	20.71	20.67		
5	QPSK	12	0	20.74	20.77	20.66		
5	QPSK	12	7	20.63	20.68	20.66	22	0
5	QPSK	12	13	20.74	20.60	20.66		
5	QPSK	25	0	20.65	20.69	20.67		
5	16QAM	1	0	20.67	20.65	20.84		
5	16QAM	1	12	20.69	20.76	20.76	22	0
5	16QAM	1	24	20.69	20.71	20.79		
5	16QAM	12	0	20.69	20.84	20.73		
5	16QAM	12	7	20.56	20.62	20.86	22	0
5	16QAM	12	13	20.66	20.73	20.71		
5	16QAM	25	0	20.71	20.74	20.67		
5	64QAM	1	0	20.69	20.76	20.81		
5	64QAM	1	12	20.69	20.74	20.88	22	0
5	64QAM	1	24	20.73	20.80	20.74		
5	64QAM	12	0	20.54	20.62	20.62		
5	64QAM	12	7	20.62	20.64	20.62	22	0
5	64QAM	12	13	20.49	20.70	20.64		
5	64QAM	25	0	20.70	20.69	20.51		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.77	20.78	20.77		
3	QPSK	1	8	20.62	20.69	20.65	22	0
3	QPSK	1	14	20.63	20.73	20.76		
3	QPSK	8	0	20.76	20.80	20.70		
3	QPSK	8	4	20.59	20.73	20.65	22	0
3	QPSK	8	7	20.60	20.70	20.65		
3	QPSK	15	0	20.69	20.70	20.65		
3	16QAM	1	0	20.76	20.67	20.73		
3	16QAM	1	8	20.73	20.76	20.73	22	0
3	16QAM	1	14	20.75	20.74	20.67		
3	16QAM	8	0	20.60	20.84	20.75		
3	16QAM	8	4	20.67	20.64	20.76	22	0
3	16QAM	8	7	20.65	20.84	20.78		
3	16QAM	15	0	20.68	20.63	20.73		
3	64QAM	1	0	20.62	20.65	20.88		
3	64QAM	1	8	20.70	20.76	20.87	22	0
3	64QAM	1	14	20.70	20.70	20.76		
3	64QAM	8	0	20.48	20.59	20.73		
3	64QAM	8	4	20.63	20.71	20.63	22	0
3	64QAM	8	7	20.50	20.62	20.53		
3	64QAM	15	0	20.78	20.71	20.46		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.71	20.81	20.79		
1.4	QPSK	1	3	20.56	20.82	20.74		
1.4	QPSK	1	5	20.69	20.73	20.69	22	0
1.4	QPSK	3	0	20.70	20.75	20.67		
1.4	QPSK	3	1	20.57	20.73	20.70		
1.4	QPSK	3	3	20.63	20.61	20.59		
1.4	QPSK	6	0	20.66	20.76	20.66	22	0
1.4	16QAM	1	0	20.73	20.77	20.76		
1.4	16QAM	1	3	20.79	20.74	20.85		
1.4	16QAM	1	5	20.73	20.74	20.76	22	0
1.4	16QAM	3	0	20.68	20.88	20.62		
1.4	16QAM	3	1	20.68	20.70	20.73		
1.4	16QAM	3	3	20.61	20.84	20.79		
1.4	16QAM	6	0	20.71	20.69	20.73	22	0
1.4	64QAM	1	0	20.61	20.66	20.84		
1.4	64QAM	1	3	20.70	20.80	20.82		
1.4	64QAM	1	5	20.65	20.74	20.85	22	0
1.4	64QAM	3	0	20.51	20.51	20.78		
1.4	64QAM	3	1	20.59	20.79	20.72		
1.4	64QAM	3	3	20.52	20.63	20.81		
1.4	64QAM	6	0	20.76	20.68	20.49	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.91	20.93	20.90		
10	QPSK	1	25	20.85	20.78	20.85	21	0
10	QPSK	1	49	20.81	20.91	20.82		
10	QPSK	25	0	20.89	20.92	20.87		
10	QPSK	25	12	20.86	20.81	20.83	21	0
10	QPSK	25	25	20.85	20.88	20.84		
10	QPSK	50	0	20.80	20.84	20.82		
10	16QAM	1	0	20.78	20.85	20.90		
10	16QAM	1	25	20.88	20.78	20.82	21	0
10	16QAM	1	49	20.89	20.89	20.86		
10	16QAM	25	0	20.78	20.91	20.80		
10	16QAM	25	12	20.85	20.88	20.90	21	0
10	16QAM	25	25	20.80	20.80	20.82		
10	16QAM	50	0	20.84	20.86	20.86		
10	64QAM	1	0	20.83	20.90	20.86		
10	64QAM	1	25	20.81	20.91	20.83	21	0
10	64QAM	1	49	20.89	20.87	20.84		
10	64QAM	25	0	20.70	20.75	20.78		
10	64QAM	25	12	20.62	20.70	20.64	21	0
10	64QAM	25	25	20.68	20.71	20.66		
10	64QAM	50	0	20.59	20.67	20.73		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.83	20.81	20.82		
5	QPSK	1	12	20.71	20.67	20.79	21	0
5	QPSK	1	24	20.71	20.86	20.71		
5	QPSK	12	0	20.80	20.79	20.79		
5	QPSK	12	7	20.79	20.75	20.77	21	0
5	QPSK	12	13	20.78	20.77	20.82		
5	QPSK	25	0	20.76	20.71	20.80		
5	16QAM	1	0	20.71	20.75	20.78		
5	16QAM	1	12	20.78	20.73	20.77	21	0
5	16QAM	1	24	20.75	20.83	20.79		
5	16QAM	12	0	20.66	20.85	20.79		
5	16QAM	12	7	20.71	20.86	20.83	21	0
5	16QAM	12	13	20.68	20.71	20.68		
5	16QAM	25	0	20.79	20.71	20.78		
5	64QAM	1	0	20.70	20.84	20.79		
5	64QAM	1	12	20.72	20.81	20.81	21	0
5	64QAM	1	24	20.84	20.81	20.83		
5	64QAM	12	0	20.56	20.66	20.67		
5	64QAM	12	7	20.59	20.56	20.63	21	0
5	64QAM	12	13	20.59	20.67	20.59		
5	64QAM	25	0	20.47	20.65	20.61		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.89	20.89	20.89		
3	QPSK	1	8	20.77	20.69	20.83	21	0
3	QPSK	1	14	20.74	20.89	20.68		
3	QPSK	8	0	20.79	20.77	20.80		
3	QPSK	8	4	20.72	20.70	20.82	21	0
3	QPSK	8	7	20.74	20.81	20.79		
3	QPSK	15	0	20.75	20.75	20.69		
3	16QAM	1	0	20.74	20.75	20.77		
3	16QAM	1	8	20.78	20.76	20.80	21	0
3	16QAM	1	14	20.87	20.78	20.77		
3	16QAM	8	0	20.67	20.76	20.75		
3	16QAM	8	4	20.83	20.83	20.85	21	0
3	16QAM	8	7	20.72	20.79	20.75		
3	16QAM	15	0	20.81	20.77	20.81		
3	64QAM	1	0	20.70	20.81	20.80		
3	64QAM	1	8	20.77	20.81	20.71	21	0
3	64QAM	1	14	20.82	20.80	20.72		
3	64QAM	8	0	20.57	20.61	20.73		
3	64QAM	8	4	20.56	20.68	20.52	21	0
3	64QAM	8	7	20.64	20.62	20.51		
3	64QAM	15	0	20.55	20.54	20.69		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.80	20.90	20.84		
1.4	QPSK	1	3	20.82	20.75	20.71		
1.4	QPSK	1	5	20.79	20.90	20.76	21	0
1.4	QPSK	3	0	20.77	20.82	20.73		
1.4	QPSK	3	1	20.83	20.77	20.78		
1.4	QPSK	3	3	20.82	20.79	20.83		
1.4	QPSK	6	0	20.69	20.75	20.78	21	0
1.4	16QAM	1	0	20.71	20.84	20.80		
1.4	16QAM	1	3	20.81	20.67	20.77		
1.4	16QAM	1	5	20.82	20.79	20.76	21	0
1.4	16QAM	3	0	20.68	20.90	20.65		
1.4	16QAM	3	1	20.77	20.79	20.86		
1.4	16QAM	3	3	20.67	20.65	20.76		
1.4	16QAM	6	0	20.71	20.85	20.71	21	0
1.4	64QAM	1	0	20.78	20.78	20.75		
1.4	64QAM	1	3	20.71	20.79	20.72		
1.4	64QAM	1	5	20.78	20.80	20.73	21	0
1.4	64QAM	3	0	20.63	20.72	20.63		
1.4	64QAM	3	1	20.58	20.61	20.57		
1.4	64QAM	3	3	20.54	20.59	20.51		
1.4	64QAM	6	0	20.51	20.53	20.58	21	0

Band 7_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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.33	24.34	24.27		
20	QPSK	1	49	24.20	24.25	24.19	25	0
20	QPSK	1	99	24.30	24.32	24.26		
20	QPSK	50	0	23.80	23.88	23.87		
20	QPSK	50	24	23.67	23.82	23.68	24	1
20	QPSK	50	50	23.71	23.85	23.73		
20	QPSK	100	0	23.86	23.87	23.80		
20	16QAM	1	0	23.31	23.45	23.30		
20	16QAM	1	49	23.49	23.60	23.58	24	1
20	16QAM	1	99	23.49	23.58	23.57		
20	16QAM	50	0	22.88	22.89	22.74		
20	16QAM	50	24	22.78	22.92	22.80	23	2
20	16QAM	50	50	22.82	22.96	22.86		
20	16QAM	100	0	22.78	22.90	22.86		
20	64QAM	1	0	22.26	22.36	22.35		
20	64QAM	1	49	22.40	22.53	22.39	23	2
20	64QAM	1	99	22.43	22.46	22.33		
20	64QAM	50	0	21.73	21.86	21.74		
20	64QAM	50	24	21.88	21.90	21.85	22	3
20	64QAM	50	50	21.92	21.93	21.89		
20	64QAM	100	0	21.76	21.89	21.84		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.28	24.25	24.14		
15	QPSK	1	37	24.19	24.19	24.07	25	0
15	QPSK	1	74	24.26	24.17	24.18		
15	QPSK	36	0	23.74	23.83	23.75		
15	QPSK	36	20	23.54	23.81	23.53	24	1
15	QPSK	36	39	23.59	23.75	23.68		
15	QPSK	75	0	23.76	23.82	23.72		
15	16QAM	1	0	23.22	23.30	23.20		
15	16QAM	1	37	23.36	23.51	23.49	24	1
15	16QAM	1	74	23.35	23.55	23.42		
15	16QAM	36	0	22.80	22.81	22.64		
15	16QAM	36	20	22.64	22.80	22.78	23	2
15	16QAM	36	39	22.79	22.94	22.79		
15	16QAM	75	0	22.74	22.88	22.76		
15	64QAM	1	0	22.17	22.31	22.29		
15	64QAM	1	37	22.34	22.51	22.36	23	2
15	64QAM	1	74	22.40	22.39	22.22		
15	64QAM	36	0	21.62	21.74	21.67		
15	64QAM	36	20	21.82	21.84	21.73	22	3
15	64QAM	36	39	21.83	21.85	21.74		
15	64QAM	75	0	21.71	21.75	21.71		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.31	24.19	24.17		
10	QPSK	1	25	24.09	24.16	24.10	25	0
10	QPSK	1	49	24.27	24.23	24.11		
10	QPSK	25	0	23.68	23.75	23.78		
10	QPSK	25	12	23.55	23.67	23.60	24	1
10	QPSK	25	25	23.59	23.78	23.71		
10	QPSK	50	0	23.77	23.85	23.74		
10	16QAM	1	0	23.24	23.30	23.21		
10	16QAM	1	25	23.37	23.51	23.55	24	1
10	16QAM	1	49	23.42	23.56	23.48		
10	16QAM	25	0	22.84	22.86	22.67		
10	16QAM	25	12	22.73	22.84	22.67	23	2
10	16QAM	25	25	22.76	22.82	22.83		
10	16QAM	50	0	22.66	22.84	22.71		
10	64QAM	1	0	22.18	22.30	22.22		
10	64QAM	1	25	22.38	22.42	22.28	23	2
10	64QAM	1	49	22.35	22.38	22.30		
10	64QAM	25	0	21.68	21.77	21.67		
10	64QAM	25	12	21.76	21.83	21.77	22	3
10	64QAM	25	25	21.77	21.80	21.77		
10	64QAM	50	0	21.72	21.80	21.75		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.20	24.24	24.24		
5	QPSK	1	12	24.09	24.19	24.06	25	0
5	QPSK	1	24	24.17	24.26	24.19		
5	QPSK	12	0	23.79	23.86	23.80		
5	QPSK	12	7	23.56	23.76	23.57	24	1
5	QPSK	12	13	23.60	23.78	23.67		
5	QPSK	25	0	23.75	23.76	23.79		
5	16QAM	1	0	23.30	23.37	23.21		
5	16QAM	1	12	23.47	23.49	23.43	24	1
5	16QAM	1	24	23.36	23.54	23.51		
5	16QAM	12	0	22.73	22.75	22.61		
5	16QAM	12	7	22.63	22.80	22.78	23	2
5	16QAM	12	13	22.72	22.90	22.71		
5	16QAM	25	0	22.66	22.88	22.81		
5	64QAM	1	0	22.23	22.35	22.33		
5	64QAM	1	12	22.38	22.49	22.36	23	2
5	64QAM	1	24	22.35	22.45	22.27		
5	64QAM	12	0	21.59	21.72	21.71		
5	64QAM	12	7	21.80	21.79	21.73	22	3
5	64QAM	12	13	21.88	21.90	21.78		
5	64QAM	25	0	21.66	21.83	21.70		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.01	17.07	17.04		
20	QPSK	1	49	16.87	16.92	16.91	17.5	0
20	QPSK	1	99	16.98	16.96	16.90		
20	QPSK	50	0	16.99	17.00	16.97		
20	QPSK	50	24	16.96	16.88	16.92	17.5	0
20	QPSK	50	50	16.88	16.91	16.92		
20	QPSK	100	0	16.92	16.97	16.88		
20	16QAM	1	0	16.90	16.97	16.97		
20	16QAM	1	49	16.91	16.98	16.99	17.5	0
20	16QAM	1	99	16.97	16.95	16.91		
20	16QAM	50	0	16.90	16.98	16.89		
20	16QAM	50	24	16.88	16.97	17.02	17.5	0
20	16QAM	50	50	17.00	16.90	16.98		
20	16QAM	100	0	16.96	16.93	16.93		
20	64QAM	1	0	17.00	16.98	17.02		
20	64QAM	1	49	16.95	16.92	17.00	17.5	0
20	64QAM	1	99	16.96	16.88	17.01		
20	64QAM	50	0	16.92	16.98	16.94		
20	64QAM	50	24	16.87	17.00	16.99	17.5	0
20	64QAM	50	50	16.95	16.92	17.02		
20	64QAM	100	0	16.89	16.87	16.93		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.94	17.06	16.96		
15	QPSK	1	37	16.76	16.84	16.80	17.5	0
15	QPSK	1	74	16.97	16.89	16.75		
15	QPSK	36	0	16.88	16.89	16.89		
15	QPSK	36	20	16.84	16.80	16.83	17.5	0
15	QPSK	36	39	16.86	16.89	16.88		
15	QPSK	75	0	16.78	16.90	16.86		
15	16QAM	1	0	16.76	16.87	16.94		
15	16QAM	1	37	16.79	16.92	16.97	17.5	0
15	16QAM	1	74	16.87	16.88	16.82		
15	16QAM	36	0	16.83	16.95	16.78		
15	16QAM	36	20	16.87	16.91	16.93	17.5	0
15	16QAM	36	39	16.88	16.83	16.90		
15	16QAM	75	0	16.93	16.81	16.89		
15	64QAM	1	0	16.92	16.95	16.89		
15	64QAM	1	37	16.89	16.87	16.86	17.5	0
15	64QAM	1	74	16.81	16.87	16.94		
15	64QAM	36	0	16.91	16.86	16.86		
15	64QAM	36	20	16.77	16.85	16.94	17.5	0
15	64QAM	36	39	16.82	16.81	16.89		
15	64QAM	75	0	16.79	16.84	16.89		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.91	16.94	16.90		
10	QPSK	1	25	16.76	16.80	16.86	17.5	0
10	QPSK	1	49	16.84	16.81	16.84		
10	QPSK	25	0	16.86	16.86	16.93		
10	QPSK	25	12	16.83	16.75	16.81	17.5	0
10	QPSK	25	25	16.74	16.90	16.84		
10	QPSK	50	0	16.88	16.87	16.79		
10	16QAM	1	0	16.77	16.83	16.82		
10	16QAM	1	25	16.78	16.91	16.98	17.5	0
10	16QAM	1	49	16.92	16.90	16.79		
10	16QAM	25	0	16.84	16.85	16.77		
10	16QAM	25	12	16.76	16.84	16.88	17.5	0
10	16QAM	25	25	16.88	16.89	16.83		
10	16QAM	50	0	16.95	16.80	16.80		
10	64QAM	1	0	16.93	16.90	17.01		
10	64QAM	1	25	16.93	16.79	16.88	17.5	0
10	64QAM	1	49	16.82	16.83	16.95		
10	64QAM	25	0	16.83	16.93	16.86		
10	64QAM	25	12	16.75	16.85	16.98	17.5	0
10	64QAM	25	25	16.86	16.83	16.89		
10	64QAM	50	0	16.85	16.84	16.78		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.98	16.98	17.00		
5	QPSK	1	12	16.79	16.89	16.76	17.5	0
5	QPSK	1	24	16.97	16.81	16.81		
5	QPSK	12	0	16.84	16.97	16.85		
5	QPSK	12	7	16.86	16.85	16.79	17.5	0
5	QPSK	12	13	16.82	16.76	16.84		
5	QPSK	25	0	16.88	16.88	16.81		
5	16QAM	1	0	16.79	16.92	16.92		
5	16QAM	1	12	16.80	16.92	16.94	17.5	0
5	16QAM	1	24	16.94	16.84	16.85		
5	16QAM	12	0	16.81	16.92	16.84		
5	16QAM	12	7	16.77	16.82	16.97	17.5	0
5	16QAM	12	13	16.99	16.75	16.85		
5	16QAM	25	0	16.83	16.85	16.85		
5	64QAM	1	0	16.85	16.95	16.97		
5	64QAM	1	12	16.93	16.84	16.86	17.5	0
5	64QAM	1	24	16.88	16.82	16.87		
5	64QAM	12	0	16.83	16.83	16.83		
5	64QAM	12	7	16.73	16.95	16.91	17.5	0
5	64QAM	12	13	16.84	16.91	16.92		
5	64QAM	25	0	16.78	16.86	16.86		

Band 7_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.49	19.53	19.45		
20	QPSK	1	49	19.47	19.51	19.40	21	0
20	QPSK	1	99	19.44	19.50	19.37		
20	QPSK	50	0	19.46	19.47	19.41		
20	QPSK	50	24	19.41	19.42	19.33	21	0
20	QPSK	50	50	19.38	19.41	19.32		
20	QPSK	100	0	19.38	19.46	19.39		
20	16QAM	1	0	19.39	19.39	19.39		
20	16QAM	1	49	19.43	19.51	19.44	21	0
20	16QAM	1	99	19.40	19.52	19.40		
20	16QAM	50	0	19.47	19.50	19.44		
20	16QAM	50	24	19.37	19.42	19.32	21	0
20	16QAM	50	50	19.36	19.47	19.33		
20	16QAM	100	0	19.35	19.42	19.44		
20	64QAM	1	0	19.12	19.29	19.16		
20	64QAM	1	49	19.28	19.44	19.40	21	0
20	64QAM	1	99	19.42	19.45	19.32		
20	64QAM	50	0	18.68	18.86	18.72		
20	64QAM	50	24	18.71	18.79	18.81	20	1
20	64QAM	50	50	18.67	18.91	18.76		
20	64QAM	100	0	18.72	18.80	18.73		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.46	19.38	19.31		
15	QPSK	1	37	19.40	19.39	19.29	21	0
15	QPSK	1	74	19.32	19.37	19.26		
15	QPSK	36	0	19.36	19.35	19.29		
15	QPSK	36	20	19.32	19.41	19.31	21	0
15	QPSK	36	39	19.27	19.38	19.21		
15	QPSK	75	0	19.34	19.42	19.29		
15	16QAM	1	0	19.32	19.28	19.28		
15	16QAM	1	37	19.31	19.41	19.43	21	0
15	16QAM	1	74	19.32	19.37	19.28		
15	16QAM	36	0	19.39	19.47	19.43		
15	16QAM	36	20	19.23	19.38	19.28	21	0
15	16QAM	36	39	19.28	19.32	19.19		
15	16QAM	75	0	19.29	19.35	19.42		
15	64QAM	1	0	19.00	19.15	19.02		
15	64QAM	1	37	19.24	19.40	19.35	21	0
15	64QAM	1	74	19.33	19.40	19.18		
15	64QAM	36	0	18.58	18.80	18.62		
15	64QAM	36	20	18.67	18.74	18.75	20	1
15	64QAM	36	39	18.59	18.88	18.69		
15	64QAM	75	0	18.67	18.68	18.63		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.45	19.46	19.33		
10	QPSK	1	25	19.35	19.39	19.29	21	0
10	QPSK	1	49	19.38	19.48	19.24		
10	QPSK	25	0	19.45	19.37	19.32		
10	QPSK	25	12	19.32	19.33	19.28	21	0
10	QPSK	25	25	19.29	19.30	19.23		
10	QPSK	50	0	19.28	19.43	19.33		
10	16QAM	1	0	19.28	19.31	19.38		
10	16QAM	1	25	19.40	19.47	19.41	21	0
10	16QAM	1	49	19.32	19.46	19.26		
10	16QAM	25	0	19.43	19.36	19.35		
10	16QAM	25	12	19.35	19.29	19.30	21	0
10	16QAM	25	25	19.33	19.42	19.19		
10	16QAM	50	0	19.26	19.38	19.40		
10	64QAM	1	0	19.03	19.20	19.04		
10	64QAM	1	25	19.18	19.35	19.37	21	0
10	64QAM	1	49	19.27	19.30	19.26		
10	64QAM	25	0	18.60	18.82	18.62		
10	64QAM	25	12	18.61	18.73	18.77	20	1
10	64QAM	25	25	18.63	18.87	18.72		
10	64QAM	50	0	18.61	18.77	18.66		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.46	19.39	19.37		
5	QPSK	1	12	19.43	19.40	19.27	21	0
5	QPSK	1	24	19.42	19.43	19.27		
5	QPSK	12	0	19.34	19.42	19.35		
5	QPSK	12	7	19.28	19.36	19.27	21	0
5	QPSK	12	13	19.36	19.39	19.25		
5	QPSK	25	0	19.24	19.33	19.31		
5	16QAM	1	0	19.31	19.24	19.24		
5	16QAM	1	12	19.38	19.42	19.41	21	0
5	16QAM	1	24	19.36	19.42	19.29		
5	16QAM	12	0	19.46	19.36	19.31		
5	16QAM	12	7	19.33	19.32	19.29	21	0
5	16QAM	12	13	19.31	19.34	19.29		
5	16QAM	25	0	19.34	19.38	19.39		
5	64QAM	1	0	19.08	19.22	19.12		
5	64QAM	1	12	19.18	19.30	19.33	21	0
5	64QAM	1	24	19.33	19.36	19.18		
5	64QAM	12	0	18.67	18.81	18.57		
5	64QAM	12	7	18.57	18.75	18.67	20	1
5	64QAM	12	13	18.58	18.87	18.67		
5	64QAM	25	0	18.62	18.76	18.70		

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	23.82	23.93	23.87		
10	QPSK	1	25	23.70	23.81	23.63	25	0
10	QPSK	1	49	23.73	23.85	23.67		
10	QPSK	25	0	22.92	22.99	22.96		
10	QPSK	25	12	22.83	22.96	22.93	24	1
10	QPSK	25	25	22.88	22.97	22.83		
10	QPSK	50	0	22.92	22.96	22.88		
10	16QAM	1	0	23.08	23.19	23.07		
10	16QAM	1	25	23.18	23.22	23.16	24	1
10	16QAM	1	49	23.26	23.29	23.14		
10	16QAM	25	0	21.83	21.93	21.90		
10	16QAM	25	12	21.96	21.98	21.89	23	2
10	16QAM	25	25	21.84	21.92	21.86		
10	16QAM	50	0	21.83	21.96	21.85		
10	64QAM	1	0	21.98	22.08	22.01		
10	64QAM	1	25	21.96	22.09	22.01	23	2
10	64QAM	1	49	21.92	22.03	21.90		
10	64QAM	25	0	20.83	20.92	20.78		
10	64QAM	25	12	20.82	20.94	20.82	22	3
10	64QAM	25	25	20.80	20.93	20.85		
10	64QAM	50	0	20.79	20.94	20.79		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.70	23.90	23.86		
5	QPSK	1	12	23.63	23.69	23.52	25	0
5	QPSK	1	24	23.58	23.84	23.60		
5	QPSK	12	0	22.88	22.94	22.92		
5	QPSK	12	7	22.76	22.81	22.80	24	1
5	QPSK	12	13	22.86	22.87	22.69		
5	QPSK	25	0	22.90	22.84	22.86		
5	16QAM	1	0	22.99	23.08	22.96		
5	16QAM	1	12	23.08	23.11	23.15	24	1
5	16QAM	1	24	23.18	23.14	23.08		
5	16QAM	12	0	21.74	21.80	21.87		
5	16QAM	12	7	21.93	21.83	21.88	23	2
5	16QAM	12	13	21.80	21.91	21.81		
5	16QAM	25	0	21.70	21.86	21.72		
5	64QAM	1	0	21.87	22.03	21.93		
5	64QAM	1	12	21.83	21.94	21.88	23	2
5	64QAM	1	24	21.85	21.92	21.86		
5	64QAM	12	0	20.79	20.80	20.69		
5	64QAM	12	7	20.80	20.88	20.77	22	3
5	64QAM	12	13	20.70	20.91	20.78		
5	64QAM	25	0	20.78	20.82	20.70		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.70	23.84	23.82		
3	QPSK	1	8	23.55	23.78	23.56	25	0
3	QPSK	1	14	23.69	23.83	23.66		
3	QPSK	8	0	22.87	22.98	22.90		
3	QPSK	8	4	22.79	22.86	22.91	24	1
3	QPSK	8	7	22.87	22.96	22.81		
3	QPSK	15	0	22.83	22.92	22.75		
3	16QAM	1	0	22.94	23.10	23.04		
3	16QAM	1	8	23.13	23.15	23.06	24	1
3	16QAM	1	14	23.18	23.20	23.11		
3	16QAM	8	0	21.74	21.88	21.80		
3	16QAM	8	4	21.91	21.93	21.83	23	2
3	16QAM	8	7	21.74	21.78	21.72		
3	16QAM	15	0	21.82	21.83	21.74		
3	64QAM	1	0	21.97	22.06	21.97		
3	64QAM	1	8	21.86	22.00	21.89	23	2
3	64QAM	1	14	21.82	21.92	21.80		
3	64QAM	8	0	20.80	20.89	20.66		
3	64QAM	8	4	20.68	20.88	20.77	22	3
3	64QAM	8	7	20.71	20.92	20.80		
3	64QAM	15	0	20.69	20.81	20.78		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.77	23.88	23.75		
1.4	QPSK	1	3	23.62	23.72	23.54		
1.4	QPSK	1	5	23.68	23.82	23.55	25	0
1.4	QPSK	3	0	23.77	23.78	23.79		
1.4	QPSK	3	1	23.66	23.71	23.50		
1.4	QPSK	3	3	23.67	23.74	23.66		
1.4	QPSK	6	0	22.77	22.81	22.81	24	1
1.4	16QAM	1	0	22.97	23.04	23.05		
1.4	16QAM	1	3	23.13	23.18	23.15		
1.4	16QAM	1	5	23.20	23.27	23.12	24	1
1.4	16QAM	3	0	22.86	23.02	22.92		
1.4	16QAM	3	1	23.07	23.15	23.14		
1.4	16QAM	3	3	23.16	23.13	22.97		
1.4	16QAM	6	0	21.81	21.89	21.78	23	2
1.4	64QAM	1	0	21.87	21.99	21.97		
1.4	64QAM	1	3	21.91	22.07	21.99		
1.4	64QAM	1	5	21.88	21.93	21.79	23	2
1.4	64QAM	3	0	21.78	21.97	21.85		
1.4	64QAM	3	1	21.84	21.97	21.85		
1.4	64QAM	3	3	21.77	21.81	21.66		
1.4	64QAM	6	0	20.66	20.82	20.68	22	3

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	23.01	23.19	23.08		
10	QPSK	1	25	22.95	22.97	22.96	24	0
10	QPSK	1	49	22.99	23.06	23.07		
10	QPSK	25	0	22.15	22.26	22.15		
10	QPSK	25	12	22.14	22.19	22.06	23	1
10	QPSK	25	25	22.13	22.23	22.13		
10	QPSK	50	0	22.18	22.23	22.10		
10	16QAM	1	0	22.29	22.39	22.27		
10	16QAM	1	25	22.34	22.48	22.35	23	1
10	16QAM	1	49	22.42	22.53	22.46		
10	16QAM	25	0	21.15	21.19	21.15		
10	16QAM	25	12	21.14	21.16	21.14	22	2
10	16QAM	25	25	21.18	21.21	21.15		
10	16QAM	50	0	21.11	21.23	21.11		
10	64QAM	1	0	21.14	21.29	21.16		
10	64QAM	1	25	21.20	21.30	21.25	22	2
10	64QAM	1	49	21.36	21.39	21.30		
10	64QAM	25	0	20.08	20.18	20.07		
10	64QAM	25	12	20.07	20.16	20.11	21	3
10	64QAM	25	25	20.13	20.21	20.06		
10	64QAM	50	0	20.10	20.21	20.14		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.98	23.16	23.03		
5	QPSK	1	12	22.89	22.82	22.84	24	0
5	QPSK	1	24	22.91	23.05	22.93		
5	QPSK	12	0	22.03	22.24	22.03		
5	QPSK	12	7	22.09	22.16	21.92	23	1
5	QPSK	12	13	22.07	22.13	22.12		
5	QPSK	25	0	22.09	22.10	22.06		
5	16QAM	1	0	22.27	22.38	22.12		
5	16QAM	1	12	22.23	22.39	22.30	23	1
5	16QAM	1	24	22.32	22.50	22.31		
5	16QAM	12	0	21.12	21.14	21.03		
5	16QAM	12	7	21.08	21.10	21.13	22	2
5	16QAM	12	13	21.10	21.12	21.10		
5	16QAM	25	0	21.07	21.17	21.07		
5	64QAM	1	0	21.06	21.20	21.09		
5	64QAM	1	12	21.16	21.17	21.13	22	2
5	64QAM	1	24	21.31	21.26	21.19		
5	64QAM	12	0	20.01	20.17	20.04		
5	64QAM	12	7	20.06	20.14	20.02	21	3
5	64QAM	12	13	20.08	20.18	20.04		
5	64QAM	25	0	20.00	20.06	20.01		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.91	23.07	23.05		
3	QPSK	1	8	22.93	22.87	22.84	24	0
3	QPSK	1	14	22.97	22.95	22.93		
3	QPSK	8	0	22.11	22.18	22.03		
3	QPSK	8	4	22.04	22.05	22.05	23	1
3	QPSK	8	7	22.11	22.14	22.07		
3	QPSK	15	0	22.11	22.13	21.99		
3	16QAM	1	0	22.17	22.32	22.20		
3	16QAM	1	8	22.32	22.44	22.21	23	1
3	16QAM	1	14	22.30	22.44	22.32		
3	16QAM	8	0	21.05	21.11	21.04		
3	16QAM	8	4	21.09	21.06	21.13	22	2
3	16QAM	8	7	21.08	21.15	21.13		
3	16QAM	15	0	21.04	21.14	21.02		
3	64QAM	1	0	21.11	21.18	21.15		
3	64QAM	1	8	21.06	21.27	21.11	22	2
3	64QAM	1	14	21.25	21.31	21.16		
3	64QAM	8	0	19.96	20.16	20.02		
3	64QAM	8	4	19.95	20.15	19.98	21	3
3	64QAM	8	7	19.98	20.12	20.00		
3	64QAM	15	0	20.05	20.18	20.09		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.98	23.11	23.07		
1.4	QPSK	1	3	22.90	22.83	22.89		
1.4	QPSK	1	5	22.88	22.95	23.04	24	0
1.4	QPSK	3	0	22.91	23.13	22.97		
1.4	QPSK	3	1	22.90	22.89	22.82		
1.4	QPSK	3	3	22.92	22.95	22.97		
1.4	QPSK	6	0	22.09	22.20	21.96	23	1
1.4	16QAM	1	0	22.20	22.26	22.13		
1.4	16QAM	1	3	22.26	22.45	22.27		
1.4	16QAM	1	5	22.36	22.41	22.32	23	1
1.4	16QAM	3	0	22.16	22.17	22.08		
1.4	16QAM	3	1	22.11	22.42	22.17		
1.4	16QAM	3	3	22.33	22.28	22.27		
1.4	16QAM	6	0	21.04	21.18	21.02	22	2
1.4	64QAM	1	0	21.09	21.20	21.14		
1.4	64QAM	1	3	21.05	21.28	21.17		
1.4	64QAM	1	5	21.35	21.28	21.22	22	2
1.4	64QAM	3	0	20.98	21.11	21.03		
1.4	64QAM	3	1	21.04	21.24	21.06		
1.4	64QAM	3	3	21.34	21.15	21.09		
1.4	64QAM	6	0	19.96	20.12	20.13	21	3

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		22.66			
10	QPSK	1	25		22.65		23.8	0
10	QPSK	1	49		22.64			
10	QPSK	25	0		21.65			
10	QPSK	25	12		21.64		22.8	1
10	QPSK	25	25		21.64			
10	QPSK	50	0		21.64			
10	16QAM	1	0		21.95			
10	16QAM	1	25		21.95		22.8	1
10	16QAM	1	49		21.92			
10	16QAM	25	0		20.62			
10	16QAM	25	12		20.63		21.8	2
10	16QAM	25	25		20.63			
10	16QAM	50	0		20.63			
10	64QAM	1	0		20.88			
10	64QAM	1	25		20.82		21.8	2
10	64QAM	1	49		20.79			
10	64QAM	25	0		19.62			
10	64QAM	25	12		19.62		20.8	3
10	64QAM	25	25		19.67			
10	64QAM	50	0		19.61			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.54	22.65	22.52		
5	QPSK	1	12	22.55	22.54	22.63	23.8	0
5	QPSK	1	24	22.53	22.61	22.53		
5	QPSK	12	0	21.62	21.57	21.51		
5	QPSK	12	7	21.51	21.52	21.54	22.8	1
5	QPSK	12	13	21.56	21.57	21.61		
5	QPSK	25	0	21.59	21.61	21.50		
5	16QAM	1	0	21.93	21.85	21.92		
5	16QAM	1	12	21.84	21.92	21.82	22.8	1
5	16QAM	1	24	21.87	21.90	21.77		
5	16QAM	12	0	20.56	20.51	20.54		
5	16QAM	12	7	20.61	20.54	20.48	21.8	2
5	16QAM	12	13	20.62	20.57	20.61		
5	16QAM	25	0	20.54	20.54	20.54		
5	64QAM	1	0	20.77	20.77	20.85		
5	64QAM	1	12	20.68	20.67	20.75	21.8	2
5	64QAM	1	24	20.68	20.65	20.65		
5	64QAM	12	0	19.61	19.56	19.49		
5	64QAM	12	7	19.61	19.53	19.50	20.8	3
5	64QAM	12	13	19.63	19.54	19.61		
5	64QAM	25	0	19.57	19.51	19.53		

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		21.89			
10	QPSK	1	25		21.77		22.8	0
10	QPSK	1	49		21.77			
10	QPSK	25	0		20.85			
10	QPSK	25	12		20.81		21.8	1
10	QPSK	25	25		20.79			
10	QPSK	50	0		20.80			
10	16QAM	1	0		21.15			
10	16QAM	1	25		21.12		21.8	1
10	16QAM	1	49		21.12			
10	16QAM	25	0		19.87			
10	16QAM	25	12		19.82		20.8	2
10	16QAM	25	25		19.80			
10	16QAM	50	0		19.82			
10	64QAM	1	0		20.08			
10	64QAM	1	25		20.00		20.8	2
10	64QAM	1	49		19.95			
10	64QAM	25	0		18.83			
10	64QAM	25	12		18.81		19.8	3
10	64QAM	25	25		18.79			
10	64QAM	50	0		18.78			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.80	21.81	21.74		
5	QPSK	1	12	21.66	21.68	21.65	22.8	0
5	QPSK	1	24	21.64	21.65	21.67		
5	QPSK	12	0	20.84	20.73	20.82		
5	QPSK	12	7	20.78	20.72	20.79	21.8	1
5	QPSK	12	13	20.69	20.74	20.75		
5	QPSK	25	0	20.78	20.71	20.67		
5	16QAM	1	0	21.06	21.06	21.00		
5	16QAM	1	12	20.99	20.98	21.02	21.8	1
5	16QAM	1	24	21.07	21.10	21.08		
5	16QAM	12	0	19.81	19.78	19.74		
5	16QAM	12	7	19.80	19.77	19.76	20.8	2
5	16QAM	12	13	19.66	19.67	19.71		
5	16QAM	25	0	19.71	19.70	19.79		
5	64QAM	1	0	20.02	19.94	19.95		
5	64QAM	1	12	19.98	19.90	19.85	20.8	2
5	64QAM	1	24	19.92	19.81	19.93		
5	64QAM	12	0	18.77	18.76	18.73		
5	64QAM	12	7	18.66	18.79	18.66	19.8	3
5	64QAM	12	13	18.66	18.73	18.66		
5	64QAM	25	0	18.72	18.73	18.68		

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	23.76	23.86	23.78		
10	QPSK	1	25	23.65	23.81	23.74	25	0
10	QPSK	1	49	23.75	23.85	23.74		
10	QPSK	25	0	22.91	22.99	22.89		
10	QPSK	25	12	22.80	22.95	22.88	24	1
10	QPSK	25	25	22.78	22.97	22.87		
10	QPSK	50	0	22.86	22.98	22.80		
10	16QAM	1	0	23.13	23.28	23.20		
10	16QAM	1	25	23.18	23.28	23.19	24	1
10	16QAM	1	49	23.28	23.29	23.25		
10	16QAM	25	0	21.86	21.98	21.89		
10	16QAM	25	12	21.84	21.93	21.79	23	2
10	16QAM	25	25	21.90	21.97	21.94		
10	16QAM	50	0	21.90	21.98	21.89		
10	64QAM	1	0	22.06	22.12	22.06		
10	64QAM	1	25	21.98	22.09	22.08	23	2
10	64QAM	1	49	21.99	22.12	22.00		
10	64QAM	25	0	20.91	20.97	20.83		
10	64QAM	25	12	20.86	20.91	20.80	22	3
10	64QAM	25	25	20.87	20.97	20.96		
10	64QAM	50	0	20.90	20.94	20.88		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.74	23.78	23.68		
5	QPSK	1	12	23.61	23.68	23.60	25	0
5	QPSK	1	24	23.60	23.74	23.73		
5	QPSK	12	0	22.83	22.94	22.80		
5	QPSK	12	7	22.77	22.88	22.84	24	1
5	QPSK	12	13	22.65	22.84	22.83		
5	QPSK	25	0	22.78	22.85	22.71		
5	16QAM	1	0	23.09	23.27	23.17		
5	16QAM	1	12	23.15	23.14	23.04	24	1
5	16QAM	1	24	23.18	23.23	23.13		
5	16QAM	12	0	21.78	21.89	21.77		
5	16QAM	12	7	21.78	21.80	21.66	23	2
5	16QAM	12	13	21.84	21.86	21.86		
5	16QAM	25	0	21.76	21.94	21.78		
5	64QAM	1	0	21.92	22.04	21.95		
5	64QAM	1	12	21.88	22.04	21.94	23	2
5	64QAM	1	24	21.97	21.99	21.86		
5	64QAM	12	0	20.87	20.96	20.74		
5	64QAM	12	7	20.83	20.87	20.79	22	3
5	64QAM	12	13	20.72	20.92	20.83		
5	64QAM	25	0	20.79	20.88	20.81		

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	23.03	23.07	22.99		
10	QPSK	1	25	22.85	22.87	22.83	24	0
10	QPSK	1	49	22.85	23.06	22.93		
10	QPSK	25	0	22.21	22.27	22.17		
10	QPSK	25	12	22.00	22.17	22.00	23	1
10	QPSK	25	25	22.07	22.24	22.15		
10	QPSK	50	0	22.19	22.23	22.17		
10	16QAM	1	0	22.47	22.51	22.47		
10	16QAM	1	25	22.40	22.49	22.38	23	1
10	16QAM	1	49	22.35	22.47	22.32		
10	16QAM	25	0	21.05	21.19	21.12		
10	16QAM	25	12	21.02	21.16	21.14	22	2
10	16QAM	25	25	21.11	21.24	21.18		
10	16QAM	50	0	21.09	21.19	21.13		
10	64QAM	1	0	21.34	21.38	21.36		
10	64QAM	1	25	21.29	21.34	21.29	22	2
10	64QAM	1	49	21.33	21.37	21.31		
10	64QAM	25	0	20.14	20.20	20.08		
10	64QAM	25	12	20.08	20.15	20.06	21	3
10	64QAM	25	25	20.15	20.23	20.15		
10	64QAM	50	0	20.11	20.22	20.17		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.90	23.03	22.84		
5	QPSK	1	12	22.71	22.76	22.79	24	0
5	QPSK	1	24	22.79	22.95	22.88		
5	QPSK	12	0	22.18	22.13	22.11		
5	QPSK	12	7	21.95	22.14	21.92	23	1
5	QPSK	12	13	22.04	22.10	22.13		
5	QPSK	25	0	22.16	22.15	22.11		
5	16QAM	1	0	22.38	22.36	22.44		
5	16QAM	1	12	22.34	22.47	22.32	23	1
5	16QAM	1	24	22.24	22.34	22.24		
5	16QAM	12	0	21.03	21.04	21.07		
5	16QAM	12	7	20.88	21.10	21.05	22	2
5	16QAM	12	13	21.02	21.19	21.13		
5	16QAM	25	0	20.97	21.16	21.07		
5	64QAM	1	0	21.20	21.35	21.23		
5	64QAM	1	12	21.25	21.26	21.28	22	2
5	64QAM	1	24	21.29	21.36	21.28		
5	64QAM	12	0	20.13	20.09	20.07		
5	64QAM	12	7	20.05	20.06	19.96	21	3
5	64QAM	12	13	20.08	20.21	20.05		
5	64QAM	25	0	20.08	20.12	20.03		

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	20.95	21.00	20.91		
15	QPSK	1	37	20.87	20.95	20.88	22	0
15	QPSK	1	74	20.90	20.92	20.88		
15	QPSK	36	0	20.88	20.92	20.89		
15	QPSK	36	20	20.82	20.88	20.88	22	0
15	QPSK	36	39	20.80	20.87	20.85		
15	QPSK	75	0	20.84	20.90	20.88		
15	16QAM	1	0	20.82	20.86	20.85		
15	16QAM	1	37	20.92	20.93	20.89	22	0
15	16QAM	1	74	20.83	20.86	20.78		
15	16QAM	36	0	20.87	20.93	20.80		
15	16QAM	36	20	20.80	20.87	20.82	22	0
15	16QAM	36	39	20.79	20.95	20.84		
15	16QAM	75	0	20.95	20.91	20.91		
15	64QAM	1	0	20.94	20.88	20.79		
15	64QAM	1	37	20.83	20.91	20.85	22	0
15	64QAM	1	74	20.82	20.85	20.80		
15	64QAM	36	0	20.78	20.83	20.85		
15	64QAM	36	20	20.86	20.92	20.79	22	0
15	64QAM	36	39	20.89	20.95	20.84		
15	64QAM	75	0	20.90	20.93	20.92		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	20.91	20.89	20.82		
10	QPSK	1	25	20.78	20.90	20.83	22	0
10	QPSK	1	49	20.86	20.84	20.86		
10	QPSK	25	0	20.78	20.81	20.85		
10	QPSK	25	12	20.72	20.84	20.84	22	0
10	QPSK	25	25	20.67	20.79	20.74		
10	QPSK	50	0	20.78	20.79	20.83		
10	16QAM	1	0	20.75	20.82	20.77		
10	16QAM	1	25	20.87	20.79	20.86	22	0
10	16QAM	1	49	20.72	20.77	20.75		
10	16QAM	25	0	20.82	20.82	20.67		
10	16QAM	25	12	20.75	20.72	20.74	22	0
10	16QAM	25	25	20.75	20.83	20.80		
10	16QAM	50	0	20.87	20.78	20.84		
10	64QAM	1	0	20.83	20.81	20.65		
10	64QAM	1	25	20.76	20.79	20.71	22	0
10	64QAM	1	49	20.71	20.77	20.71		
10	64QAM	25	0	20.70	20.78	20.76		
10	64QAM	25	12	20.74	20.96	20.77	22	0
10	64QAM	25	25	20.86	20.89	20.81		
10	64QAM	50	0	20.87	20.78	20.85		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	20.80	20.98	20.90		
5	QPSK	1	12	20.80	20.92	20.84	22	0
5	QPSK	1	24	20.82	20.86	20.78		
5	QPSK	12	0	20.79	20.85	20.74		
5	QPSK	12	7	20.69	20.85	20.75	22	0
5	QPSK	12	13	20.68	20.82	20.77		
5	QPSK	25	0	20.79	20.78	20.77		
5	16QAM	1	0	20.67	20.78	20.78		
5	16QAM	1	12	20.88	20.81	20.84	22	0
5	16QAM	1	24	20.75	20.78	20.70		
5	16QAM	12	0	20.82	20.89	20.67		
5	16QAM	12	7	20.77	20.84	20.78	22	0
5	16QAM	12	13	20.67	20.84	20.75		
5	16QAM	25	0	20.94	20.83	20.87		
5	64QAM	1	0	20.81	20.86	20.73		
5	64QAM	1	12	20.76	20.78	20.71	22	0
5	64QAM	1	24	20.75	20.80	20.72		
5	64QAM	12	0	20.72	20.69	20.77		
5	64QAM	12	7	20.76	20.98	20.78	22	0
5	64QAM	12	13	20.88	20.94	20.71		
5	64QAM	25	0	20.83	20.81	20.88		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	20.90	20.85	20.78		
3	QPSK	1	8	20.73	20.87	20.78	22	0
3	QPSK	1	14	20.83	20.81	20.79		
3	QPSK	8	0	20.83	20.80	20.79		
3	QPSK	8	4	20.73	20.85	20.84	22	0
3	QPSK	8	7	20.75	20.78	20.74		
3	QPSK	15	0	20.70	20.79	20.80		
3	16QAM	1	0	20.78	20.80	20.81		
3	16QAM	1	8	20.84	20.80	20.78	22	0
3	16QAM	1	14	20.68	20.85	20.70		
3	16QAM	8	0	20.83	20.88	20.70		
3	16QAM	8	4	20.76	20.79	20.75	22	0
3	16QAM	8	7	20.75	20.84	20.75		
3	16QAM	15	0	20.88	20.80	20.86		
3	64QAM	1	0	20.88	20.87	20.64		
3	64QAM	1	8	20.79	20.90	20.71	22	0
3	64QAM	1	14	20.73	20.74	20.71		
3	64QAM	8	0	20.73	20.70	20.71		
3	64QAM	8	4	20.83	20.87	20.76	22	0
3	64QAM	8	7	20.88	20.88	20.77		
3	64QAM	15	0	20.75	20.89	20.78		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	20.87	20.89	20.83		
1.4	QPSK	1	3	20.85	20.92	20.80		
1.4	QPSK	1	5	20.88	20.90	20.84	22	0
1.4	QPSK	3	0	20.94	20.85	20.80		
1.4	QPSK	3	1	20.74	20.91	20.85		
1.4	QPSK	3	3	20.76	20.78	20.84		
1.4	QPSK	6	0	20.86	20.81	20.78	22	0
1.4	16QAM	1	0	20.74	20.74	20.87		
1.4	16QAM	1	3	20.77	20.79	20.77		
1.4	16QAM	1	5	20.75	20.83	20.79	22	0
1.4	16QAM	3	0	20.77	20.76	20.77		
1.4	16QAM	3	1	20.80	20.84	20.74		
1.4	16QAM	3	3	20.70	20.74	20.63		
1.4	16QAM	6	0	20.73	20.90	20.76	22	0
1.4	64QAM	1	0	20.75	20.82	20.70		
1.4	64QAM	1	3	20.67	20.92	20.82		
1.4	64QAM	1	5	20.80	20.85	20.90	22	0
1.4	64QAM	3	0	20.90	20.78	20.77		
1.4	64QAM	3	1	20.71	20.85	20.72		
1.4	64QAM	3	3	20.67	20.81	20.78		
1.4	64QAM	6	0	20.78	20.86	20.88	22	0

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	21.46	21.48	21.46	22.5	0
15	QPSK	1	37	21.33	21.38	21.33		
15	QPSK	1	74	21.33	21.47	21.33		
15	QPSK	36	0	21.40	21.43	21.42	22.5	0
15	QPSK	36	20	21.32	21.36	21.32		
15	QPSK	36	39	21.35	21.42	21.35		
15	QPSK	75	0	21.33	21.42	21.35		
15	16QAM	1	0	21.35	21.39	21.38	22.5	0
15	16QAM	1	37	21.33	21.43	21.31		
15	16QAM	1	74	21.33	21.35	21.35		
15	16QAM	36	0	20.60	20.69	20.65	22	0.5
15	16QAM	36	20	20.66	20.78	20.67		
15	16QAM	36	39	20.78	20.73	20.73		
15	16QAM	75	0	20.70	20.75	20.72		
15	64QAM	1	0	20.77	20.87	20.77	22	0.5
15	64QAM	1	37	20.70	20.81	20.70		
15	64QAM	1	74	20.80	20.85	20.74		
15	64QAM	36	0	19.62	19.78	19.62	21	1.5
15	64QAM	36	20	19.66	19.69	19.78		
15	64QAM	36	39	19.74	19.67	19.65		
15	64QAM	75	0	19.58	19.71	19.72		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.38	21.36	21.43	22.5	0
10	QPSK	1	25	21.18	21.34	21.31		
10	QPSK	1	49	21.20	21.44	21.21		
10	QPSK	25	0	21.29	21.39	21.27	22.5	0
10	QPSK	25	12	21.23	21.26	21.17		
10	QPSK	25	25	21.23	21.39	21.31		
10	QPSK	50	0	21.27	21.32	21.34		
10	16QAM	1	0	21.33	21.28	21.32	22.5	0
10	16QAM	1	25	21.23	21.40	21.16		
10	16QAM	1	49	21.29	21.28	21.33		
10	16QAM	25	0	20.53	20.60	20.52	22	0.5
10	16QAM	25	12	20.57	20.74	20.60		
10	16QAM	25	25	20.72	20.70	20.60		
10	16QAM	50	0	20.63	20.74	20.62		
10	64QAM	1	0	20.67	20.79	20.68	22	0.5
10	64QAM	1	25	20.57	20.67	20.68		
10	64QAM	1	49	20.73	20.73	20.61		
10	64QAM	25	0	19.52	19.75	19.57	21	1.5
10	64QAM	25	12	19.58	19.59	19.76		
10	64QAM	25	25	19.65	19.62	19.54		
10	64QAM	50	0	19.51	19.62	19.68		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.36	21.38	21.39	22.5	0
5	QPSK	1	12	21.28	21.28	21.20		
5	QPSK	1	24	21.32	21.43	21.27		
5	QPSK	12	0	21.32	21.36	21.28	22.5	0
5	QPSK	12	7	21.30	21.31	21.21		
5	QPSK	12	13	21.29	21.35	21.24		
5	QPSK	25	0	21.32	21.34	21.29		
5	16QAM	1	0	21.32	21.24	21.28	22.5	0
5	16QAM	1	12	21.27	21.37	21.16		
5	16QAM	1	24	21.19	21.25	21.24		
5	16QAM	12	0	20.45	20.57	20.64	22	0.5
5	16QAM	12	7	20.51	20.72	20.55		
5	16QAM	12	13	20.71	20.66	20.66		
5	16QAM	25	0	20.56	20.64	20.62		
5	64QAM	1	0	20.69	20.79	20.70	22	0.5
5	64QAM	1	12	20.56	20.76	20.57		
5	64QAM	1	24	20.73	20.81	20.62		
5	64QAM	12	0	19.61	19.69	19.50	21	1.5
5	64QAM	12	7	19.57	19.64	19.66		
5	64QAM	12	13	19.64	19.56	19.50		
5	64QAM	25	0	19.54	19.56	19.59		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.32	21.44	21.41	22.5	0
3	QPSK	1	8	21.19	21.28	21.22		
3	QPSK	1	14	21.26	21.36	21.24		
3	QPSK	8	0	21.37	21.28	21.28	22.5	0
3	QPSK	8	4	21.26	21.33	21.31		
3	QPSK	8	7	21.22	21.30	21.34		
3	QPSK	15	0	21.18	21.41	21.34		
3	16QAM	1	0	21.31	21.37	21.30	22.5	0
3	16QAM	1	8	21.25	21.28	21.23		
3	16QAM	1	14	21.25	21.27	21.33		
3	16QAM	8	0	20.51	20.57	20.50	22	0.5
3	16QAM	8	4	20.57	20.63	20.54		
3	16QAM	8	7	20.70	20.72	20.71		
3	16QAM	15	0	20.61	20.73	20.67		
3	64QAM	1	0	20.70	20.85	20.62	22	0.5
3	64QAM	1	8	20.56	20.66	20.69		
3	64QAM	1	14	20.78	20.73	20.71		
3	64QAM	8	0	19.60	19.77	19.54	21	1.5
3	64QAM	8	4	19.56	19.57	19.73		
3	64QAM	8	7	19.59	19.60	19.59		
3	64QAM	15	0	19.50	19.67	19.64		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.31	21.42	21.36	22.5	0
1.4	QPSK	1	3	21.29	21.30	21.29		
1.4	QPSK	1	5	21.24	21.33	21.26		
1.4	QPSK	3	0	21.35	21.28	21.41		
1.4	QPSK	3	1	21.17	21.28	21.21		
1.4	QPSK	3	3	21.30	21.36	21.27		
1.4	QPSK	6	0	21.23	21.33	21.29	22.5	0
1.4	16QAM	1	0	21.28	21.26	21.26	22.5	0
1.4	16QAM	1	3	21.19	21.32	21.29		
1.4	16QAM	1	5	21.20	21.33	21.28		
1.4	16QAM	3	0	21.14	21.25	21.20		
1.4	16QAM	3	1	21.18	21.22	21.27		
1.4	16QAM	3	3	21.13	21.19	21.27		
1.4	16QAM	6	0	20.59	20.60	20.67	22	0.5
1.4	64QAM	1	0	20.64	20.79	20.74	22	0.5
1.4	64QAM	1	3	20.65	20.72	20.69		
1.4	64QAM	1	5	20.72	20.76	20.69		
1.4	64QAM	3	0	20.60	20.77	20.68		
1.4	64QAM	3	1	20.58	20.70	20.55		
1.4	64QAM	3	3	20.57	20.65	20.63		
1.4	64QAM	6	0	19.48	19.59	19.70	21	1.5

Band 66_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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.95	23.97	23.93	25	0
20	QPSK	1	49	23.87	23.89	23.80		
20	QPSK	1	99	23.70	23.82	23.67		
20	QPSK	50	0	23.43	23.48	23.47	24	1
20	QPSK	50	24	23.32	23.44	23.38		
20	QPSK	50	50	23.25	23.34	23.30		
20	QPSK	100	0	23.25	23.40	23.26		
20	16QAM	1	0	23.43	23.49	23.41	24	1
20	16QAM	1	49	23.59	23.60	23.57		
20	16QAM	1	99	23.53	23.61	23.46		
20	16QAM	50	0	22.46	22.47	22.41	23	2
20	16QAM	50	24	22.31	22.41	22.37		
20	16QAM	50	50	22.27	22.31	22.28		
20	16QAM	100	0	22.30	22.37	22.29		
20	64QAM	1	0	22.55	22.60	22.55	23	2
20	64QAM	1	49	22.53	22.55	22.50		
20	64QAM	1	99	22.47	22.52	22.42		
20	64QAM	50	0	21.45	21.46	21.31	22	3
20	64QAM	50	24	21.37	21.43	21.36		
20	64QAM	50	50	21.24	21.31	21.20		
20	64QAM	100	0	21.24	21.37	21.23		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.80	23.86	23.88	25	0
15	QPSK	1	37	23.86	23.77	23.72		
15	QPSK	1	74	23.59	23.70	23.62		
15	QPSK	36	0	23.34	23.38	23.46	24	1
15	QPSK	36	20	23.19	23.38	23.23		
15	QPSK	36	39	23.10	23.27	23.18		
15	QPSK	75	0	23.22	23.34	23.13		
15	16QAM	1	0	23.39	23.38	23.37	24	1
15	16QAM	1	37	23.56	23.48	23.51		
15	16QAM	1	74	23.51	23.59	23.44		
15	16QAM	36	0	22.45	22.40	22.32	23	2
15	16QAM	36	20	22.30	22.26	22.31		
15	16QAM	36	39	22.12	22.23	22.26		
15	16QAM	75	0	22.27	22.24	22.14		
15	64QAM	1	0	22.54	22.59	22.48	23	2
15	64QAM	1	37	22.41	22.44	22.47		
15	64QAM	1	74	22.36	22.43	22.30		
15	64QAM	36	0	21.36	21.37	21.27	22	3
15	64QAM	36	20	21.24	21.40	21.29		
15	64QAM	36	39	21.13	21.22	21.19		
15	64QAM	75	0	21.16	21.27	21.20		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.80	23.94	23.90	25	0
10	QPSK	1	25	23.72	23.84	23.68		
10	QPSK	1	49	23.58	23.81	23.57		
10	QPSK	25	0	23.29	23.34	23.45	24	1
10	QPSK	25	12	23.21	23.39	23.30		
10	QPSK	25	25	23.16	23.33	23.25		
10	QPSK	50	0	23.15	23.36	23.13		
10	16QAM	1	0	23.37	23.39	23.32	24	1
10	16QAM	1	25	23.52	23.45	23.49		
10	16QAM	1	49	23.48	23.47	23.32		
10	16QAM	25	0	22.38	22.40	22.30	23	2
10	16QAM	25	12	22.20	22.26	22.32		
10	16QAM	25	25	22.13	22.23	22.25		
10	16QAM	50	0	22.15	22.25	22.20		
10	64QAM	1	0	22.49	22.46	22.54	23	2
10	64QAM	1	25	22.44	22.46	22.40		
10	64QAM	1	49	22.37	22.46	22.37		
10	64QAM	25	0	21.30	21.40	21.27	22	3
10	64QAM	25	12	21.32	21.33	21.29		
10	64QAM	25	25	21.14	21.25	21.06		
10	64QAM	50	0	21.19	21.31	21.20		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.84	23.89	23.83	25	0
5	QPSK	1	12	23.78	23.81	23.72		
5	QPSK	1	24	23.66	23.71	23.54		
5	QPSK	12	0	23.37	23.41	23.43	24	1
5	QPSK	12	7	23.28	23.33	23.26		
5	QPSK	12	13	23.23	23.24	23.26		
5	QPSK	25	0	23.23	23.38	23.19		
5	16QAM	1	0	23.37	23.40	23.37	24	1
5	16QAM	1	12	23.52	23.57	23.47		
5	16QAM	1	24	23.47	23.50	23.44		
5	16QAM	12	0	22.37	22.43	22.32	23	2
5	16QAM	12	7	22.16	22.32	22.31		
5	16QAM	12	13	22.25	22.16	22.26		
5	16QAM	25	0	22.25	22.28	22.17		
5	64QAM	1	0	22.41	22.56	22.53	23	2
5	64QAM	1	12	22.40	22.43	22.44		
5	64QAM	1	24	22.33	22.41	22.27		
5	64QAM	12	0	21.35	21.42	21.30	22	3
5	64QAM	12	7	21.35	21.39	21.26		
5	64QAM	12	13	21.14	21.22	21.11		
5	64QAM	25	0	21.09	21.36	21.19		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.87	23.92	23.90	25	0
3	QPSK	1	8	23.86	23.84	23.72		
3	QPSK	1	14	23.64	23.80	23.54		
3	QPSK	8	0	23.37	23.41	23.33	24	1
3	QPSK	8	4	23.17	23.33	23.27		
3	QPSK	8	7	23.13	23.19	23.18		
3	QPSK	15	0	23.15	23.28	23.24		
3	16QAM	1	0	23.32	23.40	23.37	24	1
3	16QAM	1	8	23.46	23.53	23.43		
3	16QAM	1	14	23.51	23.58	23.33		
3	16QAM	8	0	22.32	22.36	22.26	23	2
3	16QAM	8	4	22.16	22.39	22.26		
3	16QAM	8	7	22.17	22.28	22.25		
3	16QAM	15	0	22.23	22.23	22.19		
3	64QAM	1	0	22.42	22.57	22.54	23	2
3	64QAM	1	8	22.43	22.45	22.36		
3	64QAM	1	14	22.41	22.45	22.39		
3	64QAM	8	0	21.41	21.34	21.17	22	3
3	64QAM	8	4	21.33	21.31	21.31		
3	64QAM	8	7	21.23	21.22	21.12		
3	64QAM	15	0	21.11	21.26	21.13		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.82	23.90	23.80	25	0
1.4	QPSK	1	3	23.74	23.88	23.79		
1.4	QPSK	1	5	23.62	23.71	23.53		
1.4	QPSK	3	0	23.69	23.89	23.79		
1.4	QPSK	3	1	23.62	23.84	23.77		
1.4	QPSK	3	3	23.60	23.67	23.49		
1.4	QPSK	6	0	23.10	23.32	23.11	24	1
1.4	16QAM	1	0	23.41	23.38	23.26	24	1
1.4	16QAM	1	3	23.48	23.59	23.48		
1.4	16QAM	1	5	23.47	23.56	23.36		
1.4	16QAM	3	0	23.31	23.24	23.22		
1.4	16QAM	3	1	23.35	23.51	23.33		
1.4	16QAM	3	3	23.35	23.52	23.32		
1.4	16QAM	6	0	22.20	22.25	22.27	23	2
1.4	64QAM	1	0	22.52	22.54	22.54	23	2
1.4	64QAM	1	3	22.38	22.49	22.45		
1.4	64QAM	1	5	22.41	22.50	22.39		
1.4	64QAM	3	0	22.41	22.45	22.52		
1.4	64QAM	3	1	22.25	22.44	22.33		
1.4	64QAM	3	3	22.33	22.45	22.38		
1.4	64QAM	6	0	21.16	21.24	21.20	22	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.58	17.68	17.60	18	0
20	QPSK	1	49	17.51	17.65	17.57		
20	QPSK	1	99	17.53	17.62	17.57		
20	QPSK	50	0	17.49	17.56	17.54	18	0
20	QPSK	50	24	17.47	17.53	17.47		
20	QPSK	50	50	17.46	17.51	17.47		
20	QPSK	100	0	17.43	17.51	17.49		
20	16QAM	1	0	17.47	17.57	17.48	18	0
20	16QAM	1	49	17.45	17.55	17.54		
20	16QAM	1	99	17.56	17.61	17.56		
20	16QAM	50	0	17.50	17.63	17.57	18	0
20	16QAM	50	24	17.49	17.67	17.48		
20	16QAM	50	50	17.51	17.62	17.47		
20	16QAM	100	0	17.57	17.67	17.45		
20	64QAM	1	0	17.53	17.59	17.45	18	0
20	64QAM	1	49	17.52	17.64	17.48		
20	64QAM	1	99	17.44	17.66	17.53		
20	64QAM	50	0	17.44	17.61	17.45	18	0
20	64QAM	50	24	17.51	17.58	17.51		
20	64QAM	50	50	17.44	17.57	17.49		
20	64QAM	100	0	17.56	17.66	17.55		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.57	17.58	17.58	18	0
15	QPSK	1	37	17.48	17.52	17.53		
15	QPSK	1	74	17.50	17.53	17.49		
15	QPSK	36	0	17.37	17.47	17.45	18	0
15	QPSK	36	20	17.36	17.41	17.45		
15	QPSK	36	39	17.38	17.37	17.36		
15	QPSK	75	0	17.30	17.50	17.34		
15	16QAM	1	0	17.45	17.54	17.46	18	0
15	16QAM	1	37	17.30	17.45	17.50		
15	16QAM	1	74	17.54	17.50	17.47		
15	16QAM	36	0	17.43	17.61	17.47	18	0
15	16QAM	36	20	17.47	17.64	17.45		
15	16QAM	36	39	17.41	17.48	17.33		
15	16QAM	75	0	17.53	17.64	17.30		
15	64QAM	1	0	17.38	17.55	17.41	18	0
15	64QAM	1	37	17.40	17.57	17.35		
15	64QAM	1	74	17.29	17.63	17.45		
15	64QAM	36	0	17.32	17.57	17.36	18	0
15	64QAM	36	20	17.41	17.46	17.40		
15	64QAM	36	39	17.29	17.43	17.43		
15	64QAM	75	0	17.52	17.53	17.43		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.50	17.57	17.51	18	0
10	QPSK	1	25	17.48	17.63	17.48		
10	QPSK	1	49	17.42	17.50	17.43		
10	QPSK	25	0	17.44	17.51	17.45	18	0
10	QPSK	25	12	17.45	17.41	17.37		
10	QPSK	25	25	17.39	17.37	17.42		
10	QPSK	50	0	17.39	17.39	17.36		
10	16QAM	1	0	17.33	17.55	17.43	18	0
10	16QAM	1	25	17.38	17.43	17.52		
10	16QAM	1	49	17.52	17.52	17.41		
10	16QAM	25	0	17.42	17.59	17.43	18	0
10	16QAM	25	12	17.45	17.56	17.34		
10	16QAM	25	25	17.37	17.57	17.41		
10	16QAM	50	0	17.47	17.59	17.38		
10	64QAM	1	0	17.40	17.55	17.36	18	0
10	64QAM	1	25	17.41	17.61	17.34		
10	64QAM	1	49	17.34	17.54	17.52		
10	64QAM	25	0	17.41	17.48	17.38	18	0
10	64QAM	25	12	17.44	17.52	17.37		
10	64QAM	25	25	17.39	17.47	17.37		
10	64QAM	50	0	17.47	17.61	17.44		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.47	17.60	17.50	18	0
5	QPSK	1	12	17.47	17.51	17.56		
5	QPSK	1	24	17.45	17.52	17.46		
5	QPSK	12	0	17.40	17.47	17.46	18	0
5	QPSK	12	7	17.35	17.51	17.32		
5	QPSK	12	13	17.34	17.45	17.44		
5	QPSK	25	0	17.33	17.42	17.41		
5	16QAM	1	0	17.45	17.47	17.34	18	0
5	16QAM	1	12	17.41	17.44	17.48		
5	16QAM	1	24	17.50	17.47	17.47		
5	16QAM	12	0	17.45	17.52	17.55	18	0
5	16QAM	12	7	17.36	17.52	17.46		
5	16QAM	12	13	17.50	17.48	17.46		
5	16QAM	25	0	17.47	17.64	17.34		
5	64QAM	1	0	17.44	17.54	17.43	18	0
5	64QAM	1	12	17.45	17.55	17.36		
5	64QAM	1	24	17.34	17.60	17.41		
5	64QAM	12	0	17.33	17.54	17.41	18	0
5	64QAM	12	7	17.44	17.51	17.46		
5	64QAM	12	13	17.41	17.46	17.42		
5	64QAM	25	0	17.55	17.63	17.44		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.55	17.55	17.48	18	0
3	QPSK	1	8	17.37	17.54	17.50		
3	QPSK	1	14	17.49	17.53	17.46		
3	QPSK	8	0	17.44	17.41	17.42	18	0
3	QPSK	8	4	17.44	17.46	17.41		
3	QPSK	8	7	17.37	17.36	17.39		
3	QPSK	15	0	17.40	17.49	17.47		
3	16QAM	1	0	17.37	17.46	17.41	18	0
3	16QAM	1	8	17.34	17.41	17.46		
3	16QAM	1	14	17.52	17.50	17.51		
3	16QAM	8	0	17.48	17.53	17.45	18	0
3	16QAM	8	4	17.36	17.62	17.41		
3	16QAM	8	7	17.36	17.51	17.44		
3	16QAM	15	0	17.54	17.54	17.37		
3	64QAM	1	0	17.39	17.52	17.30	18	0
3	64QAM	1	8	17.49	17.56	17.44		
3	64QAM	1	14	17.35	17.56	17.47		
3	64QAM	8	0	17.42	17.48	17.34	18	0
3	64QAM	8	4	17.36	17.45	17.40		
3	64QAM	8	7	17.35	17.45	17.46		
3	64QAM	15	0	17.42	17.61	17.45		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.52	17.60	17.45	18	0
1.4	QPSK	1	3	17.50	17.52	17.50		
1.4	QPSK	1	5	17.43	17.51	17.47		
1.4	QPSK	3	0	17.41	17.53	17.42		
1.4	QPSK	3	1	17.39	17.49	17.34		
1.4	QPSK	3	3	17.31	17.47

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.36	22.47	22.22		
20	QPSK	1	49	22.07	22.21	22.16	23	0
20	QPSK	1	99	21.99	22.11	22.08		
20	QPSK	50	0	21.27	21.29	21.23		
20	QPSK	50	24	21.17	21.24	21.21	22	1
20	QPSK	50	50	21.14	21.15	21.14		
20	QPSK	100	0	21.21	21.22	21.07		
20	16QAM	1	0	21.58	21.64	21.56		
20	16QAM	1	49	21.42	21.49	21.41	22	1
20	16QAM	1	99	21.26	21.40	21.32		
20	16QAM	50	0	20.24	20.27	20.18		
20	16QAM	50	24	20.16	20.27	20.21	21	2
20	16QAM	50	50	20.03	20.18	20.11		
20	16QAM	100	0	20.16	20.24	20.09		
20	64QAM	1	0	20.53	20.56	20.49		
20	64QAM	1	49	20.31	20.38	20.23	21	2
20	64QAM	1	99	20.21	20.28	20.27		
20	64QAM	50	0	19.28	19.31	19.30		
20	64QAM	50	24	19.27	19.29	19.23	20	3
20	64QAM	50	50	19.09	19.18	19.17		
20	64QAM	100	0	19.21	19.24	19.10		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.26	22.24	22.07		
15	QPSK	1	37	21.92	22.17	22.10	23	0
15	QPSK	1	74	21.89	21.98	21.99		
15	QPSK	36	0	21.14	21.25	21.13		
15	QPSK	36	20	21.02	21.22	21.09	22	1
15	QPSK	36	39	21.11	21.05	21.05		
15	QPSK	75	0	21.11	21.15	20.95		
15	16QAM	1	0	21.54	21.63	21.54		
15	16QAM	1	37	21.31	21.46	21.37	22	1
15	16QAM	1	74	21.23	21.36	21.17		
15	16QAM	36	0	20.17	20.22	20.05		
15	16QAM	36	20	20.02	20.17	20.12	21	2
15	16QAM	36	39	19.91	20.06	20.08		
15	16QAM	75	0	20.02	20.20	19.98		
15	64QAM	1	0	20.38	20.51	20.39		
15	64QAM	1	37	20.20	20.27	20.08	21	2
15	64QAM	1	74	20.16	20.14	20.24		
15	64QAM	36	0	19.21	19.21	19.21		
15	64QAM	36	20	19.13	19.20	19.18	20	3
15	64QAM	36	39	19.03	19.16	19.04		
15	64QAM	75	0	19.14	19.16	18.99		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.29	22.23	22.17		
10	QPSK	1	25	21.95	22.14	22.01	23	0
10	QPSK	1	49	21.89	21.96	21.97		
10	QPSK	25	0	21.26	21.17	21.12		
10	QPSK	25	12	21.15	21.11	21.15	22	1
10	QPSK	25	25	21.10	21.07	21.02		
10	QPSK	50	0	21.15	21.11	20.95		
10	16QAM	1	0	21.51	21.55	21.44		
10	16QAM	1	25	21.30	21.48	21.34	22	1
10	16QAM	1	49	21.20	21.31	21.29		
10	16QAM	25	0	20.17	20.13	20.06		
10	16QAM	25	12	20.09	20.26	20.08	21	2
10	16QAM	25	25	19.95	20.04	20.01		
10	16QAM	50	0	20.15	20.18	20.08		
10	64QAM	1	0	20.39	20.48	20.35		
10	64QAM	1	25	20.22	20.31	20.18	21	2
10	64QAM	1	49	20.06	20.16	20.17		
10	64QAM	25	0	19.21	19.21	19.25		
10	64QAM	25	12	19.20	19.23	19.12	20	3
10	64QAM	25	25	19.07	19.09	19.12		
10	64QAM	50	0	19.08	19.22	18.98		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.25	22.27	22.12		
5	QPSK	1	12	22.02	22.08	22.13	23	0
5	QPSK	1	24	21.87	22.09	22.03		
5	QPSK	12	0	21.17	21.27	21.19		
5	QPSK	12	7	21.05	21.18	21.15	22	1
5	QPSK	12	13	21.09	21.02	21.01		
5	QPSK	25	0	21.17	21.13	20.92		
5	16QAM	1	0	21.50	21.54	21.46		
5	16QAM	1	12	21.32	21.47	21.32	22	1
5	16QAM	1	24	21.22	21.29	21.19		
5	16QAM	12	0	20.16	20.19	20.16		
5	16QAM	12	7	20.11	20.16	20.17	21	2
5	16QAM	12	13	19.94	20.06	20.03		
5	16QAM	25	0	20.14	20.20	19.94		
5	64QAM	1	0	20.41	20.47	20.48		
5	64QAM	1	12	20.22	20.34	20.17	21	2
5	64QAM	1	24	20.19	20.18	20.15		
5	64QAM	12	0	19.20	19.30	19.15		
5	64QAM	12	7	19.22	19.18	19.19	20	3
5	64QAM	12	13	18.97	19.03	19.08		
5	64QAM	25	0	19.19	19.21	19.06		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.30	22.27	22.17		
3	QPSK	1	8	21.96	22.10	22.02	23	0
3	QPSK	1	14	21.86	21.96	22.04		
3	QPSK	8	0	21.19	21.28	21.18		
3	QPSK	8	4	21.16	21.23	21.17	22	1
3	QPSK	8	7	21.09	21.14	21.09		
3	QPSK	15	0	21.08	21.14	20.95		
3	16QAM	1	0	21.43	21.58	21.53		
3	16QAM	1	8	21.32	21.46	21.39	22	1
3	16QAM	1	14	21.13	21.38	21.21		
3	16QAM	8	0	20.23	20.12	20.03		
3	16QAM	8	4	20.09	20.12	20.06	21	2
3	16QAM	8	7	19.90	20.04	19.97		
3	16QAM	15	0	20.02	20.23	20.02		
3	64QAM	1	0	20.44	20.44	20.40		
3	64QAM	1	8	20.20	20.26	20.12	21	2
3	64QAM	1	14	20.15	20.18	20.13		
3	64QAM	8	0	19.17	19.28	19.21		
3	64QAM	8	4	19.15	19.19	19.12	20	3
3	64QAM	8	7	19.08	19.15	19.02		
3	64QAM	15	0	19.08	19.23	18.97		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.30	22.26	22.15		
1.4	QPSK	1	3	22.06	22.19	22.14		
1.4	QPSK	1	5	21.92	22.00	21.93	23	0
1.4	QPSK	3	0	22.16	22.19	22.05		
1.4	QPSK	3	1	21.97	22.09	22.02		
1.4	QPSK	3	3	21.84	21.93	21.87		
1.4	QPSK	6	0	21.10	21.10	21.06	22	1
1.4	16QAM	1	0	21.47	21.62	21.44		
1.4	16QAM	1	3	21.38	21.48	21.30		
1.4	16QAM	1	5	21.22	21.30	21.19	22	1
1.4	16QAM	3	0	21.38	21.51	21.37		
1.4	16QAM	3	1	21.25	21.40	21.20		
1.4	16QAM	3	3	21.18	21.18	21.06		
1.4	16QAM	6	0	20.08	20.22	19.99	21	2
1.4	64QAM	1	0	20.48	20.53	20.37		
1.4	64QAM	1	3	20.25	20.37	20.08		
1.4	64QAM	1	5	20.13	20.22	20.22	21	2
1.4	64QAM	3	0	20.45	20.45	20.27		
1.4	64QAM	3	1	20.16	20.28	20.01		
1.4	64QAM	3	3	20.07	20.14	20.21		
1.4	64QAM	6	0	19.12	19.12	19.05	20	3

Band 38_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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.44	24.47	24.46		
20	QPSK	1	49	24.37	24.44	24.33	25	0
20	QPSK	1	99	24.33	24.38	24.32		
20	QPSK	50	0	23.43	23.50	23.45		
20	QPSK	50	24	23.34	23.44	23.40	24	1
20	QPSK	50	50	23.40	23.48	23.37		
20	QPSK	100	0	23.31	23.40	23.26		
20	16QAM	1	0	23.42	23.45	23.36		
20	16QAM	1	49	23.37	23.45	23.30	24	1
20	16QAM	1	99	23.44	23.53	23.45		
20	16QAM	50	0	22.29	22.37	22.35		
20	16QAM	50	24	22.46	22.47	22.40	23	2
20	16QAM	50	50	22.37	22.44	22.33		
20	16QAM	100	0	22.34	22.48	22.46		
20	64QAM	1	0	21.85	21.96	21.95		
20	64QAM	1	49	22.56	22.70	22.55	23	2
20	64QAM	1	99	22.14	22.22	22.20		
20	64QAM	50	0	21.38	21.42	21.39		
20	64QAM	50	24	21.43	21.45	21.31	22	3
20	64QAM	50	50	21.34	21.44	21.42		
20	64QAM	100	0	21.33	21.43	21.41		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.40	24.39	24.43		
15	QPSK	1	37	24.28	24.32	24.18	25	0
15	QPSK	1	74	24.27	24.29	24.26		
15	QPSK	36	0	23.42	23.40	23.35		
15	QPSK	36	20	23.20	23.30	23.39	24	1
15	QPSK	36	39	23.30	23.33	23.32		
15	QPSK	75	0	23.26	23.37	23.13		
15	16QAM	1	0	23.31	23.37	23.26		
15	16QAM	1	37	23.31	23.35	23.29	24	1
15	16QAM	1	74	23.39	23.41	23.39		
15	16QAM	36	0	22.14	22.22	22.26		
15	16QAM	36	20	22.40	22.41	22.28	23	2
15	16QAM	36	39	22.29	22.31	22.23		
15	16QAM	75	0	22.26	22.40	22.39		
15	64QAM	1	0	21.84	21.86	21.88		
15	64QAM	1	37	22.48	22.55	22.45	23	2
15	64QAM	1	74	22.03	22.14	22.13		
15	64QAM	36	0	21.29	21.36	21.29		
15	64QAM	36	20	21.31	21.40	21.17	22	3
15	64QAM	36	39	21.23	21.30	21.35		
15	64QAM	75	0	21.25	21.42	21.39		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.43	24.32	24.31		
10	QPSK	1	25	24.33	24.37	24.30	25	0
10	QPSK	1	49	24.18	24.25	24.17		
10	QPSK	25	0	23.32	23.37	23.38		
10	QPSK	25	12	23.33	23.40	23.28	24	1
10	QPSK	25	25	23.35	23.42	23.27		
10	QPSK	50	0	23.22	23.36	23.23		
10	16QAM	1	0	23.38	23.33	23.26		
10	16QAM	1	25	23.22	23.37	23.29	24	1
10	16QAM	1	49	23.42	23.52	23.37		
10	16QAM	25	0	22.22	22.24	22.20		
10	16QAM	25	12	22.32	22.41	22.37	23	2
10	16QAM	25	25	22.28	22.35	22.23		
10	16QAM	50	0	22.33	22.44	22.45		
10	64QAM	1	0	21.82	21.88	21.90		
10	64QAM	1	25	22.50	22.59	22.43	23	2
10	64QAM	1	49	21.99	22.19	22.10		
10	64QAM	25	0	21.33	21.38	21.29		
10	64QAM	25	12	21.32	21.38	21.29	22	3
10	64QAM	25	25	21.20	21.37	21.36		
10	64QAM	50	0	21.19	21.32	21.38		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.30	24.35	24.45		
5	QPSK	1	12	24.28	24.38	24.25	25	0
5	QPSK	1	24	24.32	24.28	24.28		
5	QPSK	12	0	23.42	23.44	23.33		
5	QPSK	12	7	23.32	23.35	23.30	24	1
5	QPSK	12	13	23.38	23.46	23.25		
5	QPSK	25	0	23.16	23.27	23.17		
5	16QAM	1	0	23.30	23.41	23.35		
5	16QAM	1	12	23.28	23.30	23.26	24	1
5	16QAM	1	24	23.40	23.49	23.41		
5	16QAM	12	0	22.24	22.34	22.29		
5	16QAM	12	7	22.32	22.40	22.33	23	2
5	16QAM	12	13	22.35	22.39	22.32		
5	16QAM	25	0	22.21	22.34	22.38		
5	64QAM	1	0	21.72	21.83	21.81		
5	64QAM	1	12	22.42	22.59	22.48	23	2
5	64QAM	1	24	22.07	22.19	22.07		
5	64QAM	12	0	21.32	21.31	21.24		
5	64QAM	12	7	21.37	21.37	21.27	22	3
5	64QAM	12	13	21.23	21.31	21.27		
5	64QAM	25	0	21.22	21.38	21.39		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.65	17.69	17.60		
20	QPSK	1	49	17.51	17.61	17.57	18	0
20	QPSK	1	99	17.53	17.57	17.48		
20	QPSK	50	0	17.60	17.68	17.55		
20	QPSK	50	24	17.54	17.66	17.52	18	0
20	QPSK	50	50	17.57	17.60	17.53		
20	QPSK	100	0	17.56	17.65	17.46		
20	16QAM	1	0	17.59	17.68	17.46		
20	16QAM	1	49	17.52	17.61	17.55	18	0
20	16QAM	1	99	17.56	17.66	17.51		
20	16QAM	50	0	17.50	17.64	17.52		
20	16QAM	50	24	17.53	17.65	17.52	18	0
20	16QAM	50	50	17.59	17.61	17.55		
20	16QAM	100	0	17.63	17.68	17.54		
20	64QAM	1	0	17.53	17.60	17.51		
20	64QAM	1	49	17.58	17.57	17.55	18	0
20	64QAM	1	99	17.51	17.67	17.54		
20	64QAM	50	0	17.61	17.57	17.55		
20	64QAM	50	24	17.59	17.68	17.51	18	0
20	64QAM	50	50	17.61	17.68	17.47		
20	64QAM	100	0	17.58	17.66	17.45		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.54	17.68	17.51		
15	QPSK	1	37	17.46	17.56	17.53	18	0
15	QPSK	1	74	17.52	17.49	17.37		
15	QPSK	36	0	17.46	17.63	17.41		
15	QPSK	36	20	17.39	17.58	17.47	18	0
15	QPSK	36	39	17.49	17.58	17.52		
15	QPSK	75	0	17.47	17.52	17.38		
15	16QAM	1	0	17.58	17.55	17.43		
15	16QAM	1	37	17.37	17.47	17.43	18	0
15	16QAM	1	74	17.51	17.52	17.49		
15	16QAM	36	0	17.43	17.56	17.42		
15	16QAM	36	20	17.49	17.54	17.50	18	0
15	16QAM	36	39	17.52	17.50	17.45		
15	16QAM	75	0	17.56	17.53	17.45		
15	64QAM	1	0	17.40	17.59	17.38		
15	64QAM	1	37	17.48	17.42	17.49	18	0
15	64QAM	1	74	17.41	17.53	17.47		
15	64QAM	36	0	17.52	17.52	17.52		
15	64QAM	36	20	17.53	17.67	17.44	18	0
15	64QAM	36	39	17.50	17.54	17.36		
15	64QAM	75	0	17.50	17.59	17.34		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.57	17.56	17.50		
10	QPSK	1	25	17.46	17.59	17.42	18	0
10	QPSK	1	49	17.43	17.55	17.47		
10	QPSK	25	0	17.46	17.62	17.46		
10	QPSK	25	12	17.42	17.65	17.37	18	0
10	QPSK	25	25	17.56	17.46	17.49		
10	QPSK	50	0	17.46	17.54	17.37		
10	16QAM	1	0	17.58	17.65	17.36		
10	16QAM	1	25	17.48	17.53	17.54	18	0
10	16QAM	1	49	17.53	17.60	17.43		
10	16QAM	25	0	17.48	17.56	17.48		
10	16QAM	25	12	17.51	17.52	17.50	18	0
10	16QAM	25	25	17.46	17.53	17.49		
10	16QAM	50	0	17.62	17.53	17.52		
10	64QAM	1	0	17.41	17.47	17.41		
10	64QAM	1	25	17.49	17.53	17.43	18	0
10	64QAM	1	49	17.39	17.58	17.53		
10	64QAM	25	0	17.48	17.44	17.44		
10	64QAM	25	12	17.55	17.53	17.50	18	0
10	64QAM	25	25	17.52	17.59	17.37		
10	64QAM	50	0	17.53	17.56	17.32		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.64	17.59	17.59		
5	QPSK	1	12	17.42	17.54	17.47	18	0
5	QPSK	1	24	17.50	17.51	17.38		
5	QPSK	12	0	17.50	17.63	17.44		
5	QPSK	12	7	17.39	17.63	17.42	18	0
5	QPSK	12	13	17.56	17.49	17.42		
5	QPSK	25	0	17.53	17.42	17.37		
5	16QAM	1	0	17.50	17.67	17.36		
5	16QAM	1	12	17.46	17.47	17.47	18	0
5	16QAM	1	24	17.52	17.55	17.48		
5	16QAM	12	0	17.43	17.52	17.50		
5	16QAM	12	7	17.42	17.57	17.39	18	0
5	16QAM	12	13	17.46	17.47	17.49		
5	16QAM	25	0	17.57	17.64	17.47		
5	64QAM	1	0	17.38	17.53	17.44		
5	64QAM	1	12	17.51	17.47	17.47	18	0
5	64QAM	1	24	17.50	17.66	17.39		
5	64QAM	12	0	17.59	17.50	17.42		
5	64QAM	12	7	17.48	17.57	17.42	18	0
5	64QAM	12	13	17.60	17.61	17.39		
5	64QAM	25	0	17.43	17.61	17.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.38	21.45	21.37		
20	QPSK	1	49	21.22	21.36	21.23	23	0
20	QPSK	1	99	21.32	21.34	21.31		
20	QPSK	50	0	20.37	20.41	20.40		
20	QPSK	50	24	20.31	20.37	20.35	22	1
20	QPSK	50	50	20.36	20.32	20.36		
20	QPSK	100	0	20.32	20.40	20.39		
20	16QAM	1	0	20.48	20.49	20.37		
20	16QAM	1	49	20.37	20.49	20.35	22	1
20	16QAM	1	99	20.38	20.49	20.42		
20	16QAM	50	0	19.32	19.47	19.32		
20	16QAM	50	24	19.34	19.46	19.44	21	2
20	16QAM	50	50	19.38	19.46	19.38		
20	16QAM	100	0	19.39	19.49	19.47		
20	64QAM	1	0	19.13	19.24	19.11		
20	64QAM	1	49	19.15	19.23	19.08	21	2
20	64QAM	1	99	19.15	19.23	19.11		
20	64QAM	50	0	18.33	18.43	18.29		
20	64QAM	50	24	18.44	18.45	18.44	20	3
20	64QAM	50	50	18.33	18.42	18.33		
20	64QAM	100	0	18.31	18.41	18.27		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.37	21.30	21.26		
15	QPSK	1	37	21.21	21.29	21.20	23	0
15	QPSK	1	74	21.19	21.31	21.23		
15	QPSK	36	0	20.35	20.32	20.33		
15	QPSK	36	20	20.23	20.27	20.27	22	1
15	QPSK	36	39	20.29	20.26	20.34		
15	QPSK	75	0	20.18	20.27	20.25		
15	16QAM	1	0	20.38	20.44	20.33		
15	16QAM	1	37	20.22	20.39	20.21	22	1
15	16QAM	1	74	20.25	20.37	20.27		
15	16QAM	36	0	19.21	19.39	19.26		
15	16QAM	36	20	19.19	19.37	19.29	21	2
15	16QAM	36	39	19.27	19.33	19.30		
15	16QAM	75	0	19.25	19.45	19.44		
15	64QAM	1	0	19.10	19.09	19.09		
15	64QAM	1	37	19.00	19.16	19.07	21	2
15	64QAM	1	74	19.04	19.18	19.00		
15	64QAM	36	0	18.30	18.30	18.17		
15	64QAM	36	20	18.32	18.31	18.37	20	3
15	64QAM	36	39	18.25	18.27	18.23		
15	64QAM	75	0	18.20	18.33	18.20		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.36	21.34	21.32		
10	QPSK	1	25	21.09	21.27	21.22	23	0
10	QPSK	1	49	21.28	21.31	21.25		
10	QPSK	25	0	20.23	20.37	20.31		
10	QPSK	25	12	20.16	20.36	20.20	22	1
10	QPSK	25	25	20.27	20.17	20.33		
10	QPSK	50	0	20.23	20.36	20.38		
10	16QAM	1	0	20.43	20.44	20.34		
10	16QAM	1	25	20.26	20.35	20.28	22	1
10	16QAM	1	49	20.23	20.36	20.37		
10	16QAM	25	0	19.28	19.39	19.30		
10	16QAM	25	12	19.23	19.45	19.38	21	2
10	16QAM	25	25	19.33	19.42	19.34		
10	16QAM	50	0	19.34	19.42	19.37		
10	64QAM	1	0	19.10	19.15	19.05		
10	64QAM	1	25	19.00	19.11	19.06	21	2
10	64QAM	1	49	19.01	19.15	19.04		
10	64QAM	25	0	18.19	18.32	18.26		
10	64QAM	25	12	18.35	18.42	18.33	20	3
10	64QAM	25	25	18.20	18.35	18.29		
10	64QAM	50	0	18.25	18.35	18.13		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.34	21.38	21.27		
5	QPSK	1	12	21.12	21.28	21.18	23	0
5	QPSK	1	24	21.23	21.19	21.18		
5	QPSK	12	0	20.26	20.31	20.36		
5	QPSK	12	7	20.29	20.30	20.30	22	1
5	QPSK	12	13	20.28	20.28	20.32		
5	QPSK	25	0	20.19	20.36	20.36		
5	16QAM	1	0	20.41	20.45	20.34		
5	16QAM	1	12	20.36	20.41	20.29	22	1
5	16QAM	1	24	20.28	20.44	20.29		
5	16QAM	12	0	19.23	19.42	19.18		
5	16QAM	12	7	19.19	19.36	19.42	21	2
5	16QAM	12	13	19.32	19.41	19.29		
5	16QAM	25	0	19.38	19.37	19.37		
5	64QAM	1	0	19.05	19.13	19.02		
5	64QAM	1	12	19.07	19.15	19.06	21	2
5	64QAM	1	24	19.04	19.16	19.01		
5	64QAM	12	0	18.23	18.41	18.23		
5	64QAM	12	7	18.29	18.33	18.31	20	3
5	64QAM	12	13	18.26	18.36	18.21		
5	64QAM	25	0	18.17	18.26	18.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.40	23.46	23.50	23.44	23.48	23.8	0
20	QPSK	1	49	23.39	23.37	23.44	23.34	23.40		
20	QPSK	1	99	23.32	23.30	23.40	23.32	23.32		
20	QPSK	50	0	22.44	22.49	22.56	22.53	22.51	22.8	1
20	QPSK	50	24	22.36	22.41	22.50	22.40	22.49		
20	QPSK	50	50	22.41	22.46	22.52	22.50	22.37		
20	QPSK	100	0	22.36	22.46	22.51	22.45	22.50		
20	16QAM	1	0	22.51	22.44	22.53	22.41	22.41	22.8	1
20	16QAM	1	49	22.45	22.44	22.55	22.49	22.45		
20	16QAM	1	99	22.57	22.44	22.59	22.49	22.45		
20	16QAM	50	0	21.42	21.40	21.48	21.38	21.34	21.8	2
20	16QAM	50	24	21.36	21.46	21.50	21.43	21.48		
20	16QAM	50	50	21.38	21.47	21.52	21.49	21.47		
20	16QAM	100	0	21.43	21.41	21.48	21.39	21.37		
20	64QAM	1	0	21.12	21.17	21.24	21.10	21.19	21.8	2
20	64QAM	1	49	20.94	20.89	21.00	20.88	20.93		
20	64QAM	1	99	21.27	21.26	21.33	21.29	21.19		
20	64QAM	50	0	20.33	20.43	20.48	20.37	20.45	20.8	3
20	64QAM	50	24	20.43	20.39	20.48	20.39	20.37		
20	64QAM	50	50	20.43	20.42	20.51	20.37	20.40		
20	64QAM	100	0	20.12	20.03	20.18	20.16	20.06		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.31	23.43	23.35	23.41	23.33	23.8	0
15	QPSK	1	37	23.29	23.25	23.29	23.27	23.33		
15	QPSK	1	74	23.22	23.15	23.38	23.30	23.20		
15	QPSK	36	0	22.37	22.36	22.54	22.46	22.40	22.8	1
15	QPSK	36	20	22.23	22.29	22.43	22.31	22.40		
15	QPSK	36	39	22.40	22.34	22.46	22.45	22.36		
15	QPSK	75	0	22.33	22.37	22.40	22.40	22.37		
15	16QAM	1	0	22.45	22.42	22.40	22.34	22.32	22.8	1
15	16QAM	1	37	22.43	22.31	22.45	22.44	22.36		
15	16QAM	1	74	22.45	22.30	22.57	22.36	22.30		
15	16QAM	36	0	21.36	21.38	21.38	21.34	21.29	21.8	2
15	16QAM	36	20	21.26	21.31	21.47	21.40	21.35		
15	16QAM	36	39	21.32	21.39	21.49	21.46	21.43		
15	16QAM	75	0	21.37	21.39	21.40	21.25	21.31		
15	64QAM	1	0	21.06	21.10	21.09	20.96	21.07	21.8	2
15	64QAM	1	37	20.80	20.86	20.99	20.81	20.89		
15	64QAM	1	74	21.24	21.11	21.22	21.28	21.05		
15	64QAM	36	0	20.21	20.32	20.37	20.23	20.37	20.8	3
15	64QAM	36	20	20.34	20.37	20.42	20.29	20.29		
15	64QAM	36	39	20.42	20.41	20.41	20.25	20.37		
15	64QAM	75	0	20.00	19.92	20.10	20.10	20.01		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.37	23.44	23.40	23.34	23.33	23.8	0
10	QPSK	1	25	23.36	23.35	23.37	23.33	23.32		
10	QPSK	1	49	23.20	23.18	23.28	23.22	23.28		
10	QPSK	25	0	22.35	22.48	22.52	22.42	22.38	22.8	1
10	QPSK	25	12	22.35	22.30	22.38	22.28	22.39		
10	QPSK	25	25	22.33	22.39	22.37	22.35	22.31		
10	QPSK	50	0	22.21	22.40	22.44	22.34	22.40		
10	16QAM	1	0	22.46	22.29	22.40	22.27	22.30	22.8	1
10	16QAM	1	25	22.41	22.39	22.53	22.45	22.39		
10	16QAM	1	49	22.43	22.38	22.53	22.38	22.44		
10	16QAM	25	0	21.28	21.37	21.45	21.35	21.33	21.8	2
10	16QAM	25	12	21.27	21.40	21.42	21.37	21.33		
10	16QAM	25	25	21.24	21.39	21.42	21.39	21.33		
10	16QAM	50	0	21.28	21.27	21.45	21.38	21.26		
10	64QAM	1	0	21.06	21.09	21.17	21.04	21.11	21.8	2
10	64QAM	1	25	20.93	20.81	20.92	20.80	20.85		
10	64QAM	1	49	21.14	21.22	21.30	21.15	21.16		
10	64QAM	25	0	20.28	20.31	20.36	20.31	20.38	20.8	3
10	64QAM	25	12	20.42	20.25	20.33	20.31	20.24		
10	64QAM	25	25	20.36	20.28	20.42	20.32	20.39		
10	64QAM	50	0	20.04	20.00	20.13	20.05	19.92		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.34	23.42	23.40	23.29	23.45	23.8	0
5	QPSK	1	12	23.26	23.24	23.31	23.28	23.26		
5	QPSK	1	24	23.23	23.21	23.34	23.30	23.26		
5	QPSK	12	0	22.40	22.37	22.49	22.41	22.48	22.8	1
5	QPSK	12	7	22.34	22.33	22.45	22.29	22.42		
5	QPSK	12	13	22.26	22.45	22.39	22.47	22.36		
5	QPSK	25	0	22.32	22.25	22.42	22.32	22.36		
5	16QAM	1	0	22.36	22.39	22.38	22.39	22.33	22.8	1
5	16QAM	1	12	22.35	22.38	22.40	22.38	22.41		
5	16QAM	1	24	22.44	22.31	22.45	22.47	22.42		
5	16QAM	12	0	21.35	21.29	21.36	21.30	21.21	21.8	2
5	16QAM	12	7	21.28	21.43	21.45	21.38	21.34		
5	16QAM	12	13	21.36	21.32	21.37	21.42	21.39		
5	16QAM	25	0	21.29	21.28	21.47	21.38	21.23		
5	64QAM	1	0	21.04	21.09	21.14	20.97	21.07	21.8	2
5	64QAM	1	12	20.88	20.81	20.87	20.85	20.90		
5	64QAM	1	24	21.12	21.11	21.32	21.26	21.12		
5	64QAM	12	0	20.30	20.28	20.43	20.35	20.43	20.8	3
5	64QAM	12	7	20.41	20.37	20.44	20.35	20.30		
5	64QAM	12	13	20.40	20.29	20.44	20.24	20.28		
5	64QAM	25	0	20.11	19.94	20.11	20.01	20.00		

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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	26.49	26.44	26.55	26.39	26.49	26.8	0
20	QPSK	1	49	26.28	26.33	26.37	26.36	26.22		
20	QPSK	1	99	26.30	26.28	26.42	26.32	26.37		
20	QPSK	50	0	25.37	25.38	25.46	25.37	25.36	25.8	1
20	QPSK	50	24	25.36	25.30	25.42	25.27	25.29		
20	QPSK	50	50	25.35	25.37	25.40	25.34	25.34		
20	QPSK	100	0	25.37	25.43	25.45	25.32	25.43		
20	16QAM	1	0	25.51	25.57	25.64	25.53	25.50	25.8	1
20	16QAM	1	49	25.47	25.44	25.59	25.57	25.51		
20	16QAM	1	99	25.64	25.59	25.66	25.62	25.57		
20	16QAM	50	0	24.31	24.34	24.46	24.33	24.40	24.8	2
20	16QAM	50	24	24.35	24.44	24.47	24.36	24.46		
20	16QAM	50	50	24.42	24.45	24.52	24.40	24.47		
20	16QAM	100	0	24.41	24.43	24.46	24.35	24.33		
20	64QAM	1	0	24.38	24.40	24.48	24.36	24.33	24.8	2
20	64QAM	1	49	24.52	24.45	24.53	24.46	24.38		
20	64QAM	1	99	24.47	24.52	24.55	24.41	24.45		
20	64QAM	50	0	23.31	23.37	23.44	23.37	23.41	23.8	3
20	64QAM	50	24	23.32	23.43	23.45	23.34	23.40		
20	64QAM	50	50	23.32	23.36	23.45	23.39	23.37		
20	64QAM	100	0	23.41	23.29	23.42	23.29	23.35		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	26.35	26.43	26.51	26.35	26.47	26.8	0
15	QPSK	1	37	26.16	26.23	26.24	26.27	26.16		
15	QPSK	1	74	26.19	26.22	26.35	26.23	26.23		
15	QPSK	36	0	25.28	25.28	25.45	25.36	25.30	25.8	1
15	QPSK	36	20	25.33	25.22	25.27	25.15	25.23		
15	QPSK	36	39	25.25	25.33	25.25	25.33	25.29		
15	QPSK	75	0	25.25	25.35	25.41	25.31	25.28		
15	16QAM	1	0	25.47	25.47	25.62	25.40	25.47	25.8	1
15	16QAM	1	37	25.46	25.43	25.44	25.51	25.43		
15	16QAM	1	74	25.54	25.48	25.58	25.50	25.56		
15	16QAM	36	0	24.18	24.31	24.33	24.25	24.34	24.8	2
15	16QAM	36	20	24.26	24.39	24.41	24.23	24.41		
15	16QAM	36	39	24.38	24.36	24.50	24.32	24.36		
15	16QAM	75	0	24.35	24.35	24.43	24.26	24.28		
15	64QAM	1	0	24.25	24.26	24.43	24.32	24.26	24.8	2
15	64QAM	1	37	24.38	24.33	24.39	24.31	24.23		
15	64QAM	1	74	24.36	24.49	24.42	24.32	24.37		
15	64QAM	36	0	23.29	23.29	23.30	23.24	23.32	23.8	3
15	64QAM	36	20	23.28	23.39	23.31	23.32	23.37		
15	64QAM	36	39	23.24	23.30	23.38	23.28	23.35		
15	64QAM	75	0	23.37	23.14	23.39	23.14	23.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	26.24	26.36	26.49	26.34	26.43	26.8	0
10	QPSK	1	25	26.26	26.22	26.33	26.29	26.09		
10	QPSK	1	49	26.29	26.22	26.37	26.24	26.22		
10	QPSK	25	0	25.30	25.28	25.44	25.22	25.24	25.8	1
10	QPSK	25	12	25.31	25.18	25.35	25.20	25.25		
10	QPSK	25	25	25.21	25.26	25.35	25.23	25.22		
10	QPSK	50	0	25.34	25.28	25.34	25.21	25.35		
10	16QAM	1	0	25.36	25.55	25.61	25.50	25.48	25.8	1
10	16QAM	1	25	25.41	25.32	25.57	25.56	25.47		
10	16QAM	1	49	25.51	25.49	25.52	25.59	25.50		
10	16QAM	25	0	24.19	24.19	24.41	24.27	24.36	24.8	2
10	16QAM	25	12	24.24	24.34	24.43	24.35	24.31		
10	16QAM	25	25	24.30	24.44	24.43	24.29	24.40		
10	16QAM	50	0	24.26	24.32	24.37	24.32	24.31		
10	64QAM	1	0	24.28	24.29	24.46	24.28	24.26	24.8	2
10	64QAM	1	25	24.43	24.44	24.47	24.38	24.26		
10	64QAM	1	49	24.40	24.37	24.40	24.26	24.42		
10	64QAM	25	0	23.28	23.25	23.43	23.34	23.37	23.8	3
10	64QAM	25	12	23.17	23.38	23.40	23.32	23.35		
10	64QAM	25	25	23.28	23.26	23.34	23.33	23.24		
10	64QAM	50	0	23.36	23.27	23.29	23.22	23.29		
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	26.34	26.42	26.51	26.32	26.41	26.8	0
5	QPSK	1	12	26.22	26.21	26.34	26.32	26.14		
5	QPSK	1	24	26.19	26.18	26.41	26.21	26.31		
5	QPSK	12	0	25.32	25.28	25.44	25.28	25.28	25.8	1
5	QPSK	12	7	25.32	25.23	25.27	25.25	25.14		
5	QPSK	12	13	25.22	25.25	25.25	25.32	25.31		
5	QPSK	25	0	25.32	25.35	25.40	25.30	25.42		
5	16QAM	1	0	25.36	25.48	25.59	25.41	25.40	25.8	1
5	16QAM	1	12	25.44	25.30	25.57	25.51	25.42		
5	16QAM	1	24	25.50	25.46	25.58	25.54	25.55		
5	16QAM	12	0	24.28	24.24	24.32	24.23	24.35	24.8	2
5	16QAM	12	7	24.23	24.40	24.38	24.24	24.39		
5	16QAM	12	13	24.29	24.38	24.45	24.28	24.38		
5	16QAM	25	0	24.36	24.29	24.31	24.30	24.32		
5	64QAM	1	0	24.24	24.38	24.34	24.29	24.29	24.8	2
5	64QAM	1	12	24.48	24.36	24.49	24.34	24.30		
5	64QAM	1	24	24.37	24.50	24.54	24.31	24.31		
5	64QAM	12	0	23.30	23.29	23.38	23.30	23.34	23.8	3
5	64QAM	12	7	23.24	23.29	23.32	23.31	23.25		
5	64QAM	12	13	23.31	23.30	23.38	23.38	23.23		
5	64QAM	25	0	23.36	23.26	23.36	23.20	23.27		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.89	19.02	19.11	18.95	19.06	19.2	0
20	QPSK	1	49	18.85	18.85	18.97	18.86	18.89		
20	QPSK	1	99	18.83	18.89	19.03	18.92	18.93		
20	QPSK	50	0	18.85	18.90	19.05	18.95	18.97	19.2	0
20	QPSK	50	24	18.77	18.72	19.03	18.83	18.94		
20	QPSK	50	50	18.70	18.82	18.89	18.88	18.91		
20	QPSK	100	0	18.81	18.70	19.00	18.76	18.78		
20	16QAM	1	0	18.81	18.85	18.99	18.86	19.05	19.2	0
20	16QAM	1	49	18.72	18.85	18.84	18.80	18.84		
20	16QAM	1	99	18.69	18.81	18.93	18.87	18.92		
20	16QAM	50	0	18.74	18.88	18.95	18.78	18.82	19.2	0
20	16QAM	50	24	18.59	18.70	18.86	18.76	18.72		
20	16QAM	50	50	18.69	18.82	18.85	18.67	18.81		
20	16QAM	100	0	18.64	18.57	18.95	18.68	18.65		
20	64QAM	1	0	18.76	18.96	19.07	18.86	19.08	19.2	0
20	64QAM	1	49	18.71	18.83	18.91	18.86	18.94		
20	64QAM	1	99	18.62	18.70	19.04	18.88	18.89		
20	64QAM	50	0	18.76	18.66	18.89	18.70	19.01	19.2	0
20	64QAM	50	24	18.64	18.81	18.92	18.79	18.98		
20	64QAM	50	50	18.59	18.66	18.88	18.72	18.81		
20	64QAM	100	0	18.60	18.61	18.99	18.72	18.73		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.76	18.95	19.09	18.82	19.08	19.2	0
15	QPSK	1	37	18.74	18.74	18.90	18.73	18.78		
15	QPSK	1	74	18.79	18.88	18.94	18.77	18.89		
15	QPSK	36	0	18.75	18.89	18.96	18.93	18.92	19.2	0
15	QPSK	36	20	18.71	18.70	18.95	18.81	18.88		
15	QPSK	36	39	18.63	18.79	18.79	18.83	18.83		
15	QPSK	75	0	18.73	18.60	18.85	18.73	18.69		
15	16QAM	1	0	18.80	18.75	18.85	18.85	18.91	19.2	0
15	16QAM	1	37	18.68	18.79	18.74	18.78	18.72		
15	16QAM	1	74	18.61	18.79	18.92	18.86	18.85		
15	16QAM	36	0	18.59	18.86	18.93	18.75	18.73	19.2	0
15	16QAM	36	20	18.51	18.63	18.77	18.68	18.57		
15	16QAM	36	39	18.55	18.67	18.81	18.60	18.78		
15	16QAM	75	0	18.56	18.45	18.83	18.62	18.58		
15	64QAM	1	0	18.69	18.91	18.92	18.81	19.01	19.2	0
15	64QAM	1	37	18.64	18.76	18.82	18.74	18.86		
15	64QAM	1	74	18.51	18.58	19.01	18.76	18.86		
15	64QAM	36	0	18.72	18.64	18.80	18.68	18.99	19.2	0
15	64QAM	36	20	18.54	18.78	18.87	18.68	18.86		
15	64QAM	36	39	18.45	18.56	18.85	18.64	18.80		
15	64QAM	75	0	18.54	18.56	18.92	18.62	18.61		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.80	18.96	19.07	18.88	18.96	19.2	0
10	QPSK	1	25	18.72	18.84	18.88	18.83	18.76		
10	QPSK	1	49	18.69	18.87	19.00	18.86	18.88		
10	QPSK	25	0	18.71	18.86	18.96	18.85	18.87	19.2	0
10	QPSK	25	12	18.66	18.66	18.93	18.75	18.93		
10	QPSK	25	25	18.55	18.70	18.74	18.86	18.82		
10	QPSK	50	0	18.80	18.61	18.97	18.63	18.73		
10	16QAM	1	0	18.71	18.84	18.86	18.75	18.97	19.2	0
10	16QAM	1	25	18.68	18.74	18.77	18.65	18.70		
10	16QAM	1	49	18.58	18.79	18.91	18.84	18.89		
10	16QAM	25	0	18.59	18.78	18.94	18.66	18.67	19.2	0
10	16QAM	25	12	18.47	18.57	18.83	18.68	18.57		
10	16QAM	25	25	18.65	18.80	18.78	18.59	18.78		
10	16QAM	50	0	18.51	18.46	18.87	18.65	18.59		
10	64QAM	1	0	18.66	18.87	18.99	18.84	18.97	19.2	0
10	64QAM	1	25	18.62	18.81	18.85	18.84	18.81		
10	64QAM	1	49	18.48	18.62	18.92	18.77	18.80		
10	64QAM	25	0	18.72	18.55	18.78	18.66	18.91	19.2	0
10	64QAM	25	12	18.58	18.77	18.89	18.70	18.89		
10	64QAM	25	25	18.44	18.65	18.84	18.70	18.71		
10	64QAM	50	0	18.59	18.50	18.97	18.67	18.62		
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	18.80	18.87	18.96	18.93	18.98	19.2	0
5	QPSK	1	12	18.77	18.74	18.92	18.72	18.84		
5	QPSK	1	24	18.78	18.85	18.88	18.84	18.91		
5	QPSK	12	0	18.72	18.84	18.98	18.90	18.84	19.2	0
5	QPSK	12	7	18.63	18.62	18.97	18.80	18.86		
5	QPSK	12	13	18.60	18.74	18.77	18.74	18.78		
5	QPSK	25	0	18.79	18.63	18.88	18.76	18.73		
5	16QAM	1	0	18.77	18.75	18.97	18.77	18.99	19.2	0
5	16QAM	1	12	18.65	18.81	18.77	18.68	18.81		
5	16QAM	1	24	18.62	18.75	18.87	18.82	18.86		
5	16QAM	12	0	18.72	18.76	18.83	18.73	18.72	19.2	0
5	16QAM	12	7	18.44	18.66	18.81	18.72	18.64		
5	16QAM	12	13	18.58	18.71	18.71	18.52	18.67		
5	16QAM	25	0	18.49	18.55	18.82	18.54	18.56		
5	64QAM	1	0	18.73	18.95	19.01	18.79	19.06	19.2	0
5	64QAM	1	12	18.56	18.78	18.89	18.81	18.82		
5	64QAM	1	24	18.51	18.63	18.92	18.75	18.85		
5	64QAM	12	0	18.63	18.54	18.87	18.56	18.90	19.2	0
5	64QAM	12	7	18.49	18.77	18.84	18.70	18.92		
5	64QAM	12	13	18.43	18.62	18.87	18.69	18.76		
5	64QAM	25	0	18.56	18.47	18.93	18.62	18.68		

Band 41 (HPUE)_Ant 3

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	20.34	20.39	20.61	20.37	20.57	20.8	0
20	QPSK	1	49	20.22	20.36	20.60	20.31	20.45		
20	QPSK	1	99	20.33	20.31	20.50	20.32	20.40		
20	QPSK	50	0	20.41	20.28	20.57	20.30	20.46	20.8	0
20	QPSK	50	24	20.24	20.15	20.31	20.21	20.44		
20	QPSK	50	50	20.26	20.25	20.34	20.10	20.32		
20	QPSK	100	0	20.25	20.29	20.53	20.25	20.50		
20	16QAM	1	0	20.37	20.39	20.45	20.36	20.38	20.8	0
20	16QAM	1	49	20.27	20.23	20.53	20.27	20.45		
20	16QAM	1	99	20.34	20.25	20.50	20.26	20.44		
20	16QAM	50	0	20.28	20.35	20.42	20.35	20.31	20.8	0
20	16QAM	50	24	20.27	20.31	20.59	20.32	20.46		
20	16QAM	50	50	20.25	20.33	20.43	20.29	20.36		
20	16QAM	100	0	20.27	20.34	20.37	20.23	20.40		
20	64QAM	1	0	20.21	20.21	20.43	20.23	20.42	20.8	0
20	64QAM	1	49	20.26	20.30	20.44	20.36	20.43		
20	64QAM	1	99	20.41	20.39	20.46	20.35	20.38		
20	64QAM	50	0	20.36	20.33	20.59	20.23	20.42	20.8	0
20	64QAM	50	24	20.23	20.38	20.53	20.25	20.54		
20	64QAM	50	50	20.16	20.30	20.37	20.35	20.50		
20	64QAM	100	0	20.28	20.41	20.51	20.32	20.41		
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	20.30	20.28	20.46	20.31	20.43	20.8	0
15	QPSK	1	37	20.09	20.30	20.49	20.24	20.33		
15	QPSK	1	74	20.25	20.20	20.35	20.26	20.29		
15	QPSK	36	0	20.40	20.26	20.50	20.27	20.43	20.8	0
15	QPSK	36	20	20.11	20.13	20.24	20.09	20.30		
15	QPSK	36	39	20.18	20.11	20.33	20.07	20.26		
15	QPSK	75	0	20.12	20.28	20.46	20.22	20.47		
15	16QAM	1	0	20.32	20.24	20.37	20.35	20.35	20.8	0
15	16QAM	1	37	20.24	20.08	20.45	20.19	20.41		
15	16QAM	1	74	20.28	20.26	20.42	20.16	20.40		
15	16QAM	36	0	20.23	20.30	20.36	20.23	20.17	20.8	0
15	16QAM	36	20	20.26	20.24	20.50	20.28	20.31		
15	16QAM	36	39	20.14	20.20	20.29	20.26	20.24		
15	16QAM	75	0	20.14	20.23	20.36	20.19	20.33		
15	64QAM	1	0	20.20	20.07	20.41	20.13	20.28	20.8	0
15	64QAM	1	37	20.21	20.29	20.33	20.31	20.28		
15	64QAM	1	74	20.28	20.34	20.39	20.20	20.27		
15	64QAM	36	0	20.32	20.19	20.50	20.11	20.28	20.8	0
15	64QAM	36	20	20.14	20.27	20.49	20.22	20.41		
15	64QAM	36	39	20.04	20.16	20.29	20.32	20.48		
15	64QAM	75	0	20.21	20.39	20.41	20.31	20.30		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.26	20.38	20.59	20.22	20.49	20.8	0
10	QPSK	1	25	20.09	20.28	20.49	20.30	20.30		
10	QPSK	1	49	20.22	20.26	20.40	20.31	20.29		
10	QPSK	25	0	20.33	20.14	20.47	20.20	20.39	20.8	0
10	QPSK	25	12	20.11	20.01	20.17	20.11	20.38		
10	QPSK	25	25	20.20	20.17	20.31	20.07	20.25		
10	QPSK	50	0	20.10	20.15	20.45	20.15	20.41		
10	16QAM	1	0	20.32	20.35	20.36	20.25	20.24	20.8	0
10	16QAM	1	25	20.17	20.19	20.39	20.18	20.42		
10	16QAM	1	49	20.31	20.15	20.47	20.13	20.31		
10	16QAM	25	0	20.27	20.34	20.33	20.34	20.17	20.8	0
10	16QAM	25	12	20.24	20.19	20.52	20.19	20.43		
10	16QAM	25	25	20.15	20.30	20.40	20.24	20.31		
10	16QAM	50	0	20.20	20.32	20.33	20.21	20.34		
10	64QAM	1	0	20.20	20.19	20.28	20.16	20.39	20.8	0
10	64QAM	1	25	20.18	20.15	20.38	20.31	20.28		
10	64QAM	1	49	20.32	20.38	20.31	20.31	20.27		
10	64QAM	25	0	20.31	20.27	20.51	20.22	20.32	20.8	0
10	64QAM	25	12	20.19	20.32	20.42	20.13	20.44		
10	64QAM	25	25	20.01	20.25	20.24	20.24	20.44		
10	64QAM	50	0	20.14	20.28	20.41	20.22	20.29		
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	20.29	20.24	20.47	20.34	20.51	20.8	0
5	QPSK	1	12	20.12	20.33	20.53	20.21	20.42		
5	QPSK	1	24	20.27	20.28	20.44	20.18	20.26		
5	QPSK	12	0	20.39	20.23	20.42	20.27	20.31	20.8	0
5	QPSK	12	7	20.21	20.13	20.16	20.06	20.36		
5	QPSK	12	13	20.25	20.12	20.27	19.95	20.23		
5	QPSK	25	0	20.16	20.22	20.48	20.11	20.43		
5	16QAM	1	0	20.34	20.34	20.42	20.24	20.25	20.8	0
5	16QAM	1	12	20.12	20.09	20.48	20.19	20.39		
5	16QAM	1	24	20.28	20.15	20.38	20.14	20.36		
5	16QAM	12	0	20.22	20.34	20.27	20.25	20.22	20.8	0
5	16QAM	12	7	20.19	20.25	20.52	20.23	20.41		
5	16QAM	12	13	20.23	20.32	20.29	20.14	20.28		
5	16QAM	25	0	20.13	20.25	20.22	20.20	20.27		
5	64QAM	1	0	20.14	20.10	20.32	20.09	20.36	20.8	0
5	64QAM	1	12	20.17	20.28	20.30	20.24	20.36		
5	64QAM	1	24	20.29	20.30	20.36	20.25	20.30		
5	64QAM	12	0	20.25	20.27	20.58	20.14	20.38	20.8	0
5	64QAM	12	7	20.10	20.32	20.43	20.15	20.40		
5	64QAM	12	13	20.12	20.29	20.27	20.32	20.48		
5	64QAM	25	0	20.20	20.39	20.41	20.21	20.35		

Band 41_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.47	20.42	20.48	20.08	20.02	20.8	0
20	QPSK	1	49	20.21	20.25	20.25	20.07	19.96		
20	QPSK	1	99	20.25	20.26	20.24	20.01	19.98		
20	QPSK	50	0	19.39	19.35	19.40	19.09	19.13	19.8	1
20	QPSK	50	24	19.31	19.29	19.16	19.08	19.08		
20	QPSK	50	50	19.34	19.26	19.20	19.03	19.12		
20	QPSK	100	0	19.38	19.27	19.39	19.08	19.05		
20	16QAM	1	0	18.69	18.74	18.70	18.45	18.59	19.8	1
20	16QAM	1	49	18.72	18.77	18.71	18.50	18.48		
20	16QAM	1	99	18.96	19.07	19.00	18.84	18.87		
20	16QAM	50	0	18.24	18.23	18.27	18.09	18.05	18.8	2
20	16QAM	50	24	18.04	17.99	17.99	17.82	17.83		
20	16QAM	50	50	18.28	18.34	18.26	18.14	18.08		
20	16QAM	100	0	17.92	17.99	17.95	17.77	17.74		
20	64QAM	1	0	17.77	17.85	17.76	17.65	17.60	18.8	2
20	64QAM	1	49	18.13	18.05	18.06	17.85	17.87		
20	64QAM	1	99	18.03	18.09	18.04	17.93	17.91		
20	64QAM	50	0	17.26	17.34	17.27	17.11	17.05	17.8	3
20	64QAM	50	24	17.26	17.23	17.28	17.07	17.12		
20	64QAM	50	50	17.23	17.29	17.26	17.09	17.12		
20	64QAM	100	0	16.93	17.03	16.96	16.79	16.71		
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	20.42	20.27	20.23	19.95	19.88	20.8	0
15	QPSK	1	37	20.14	20.24	20.19	20.03	19.93		
15	QPSK	1	74	20.13	20.18	20.19	19.98	19.97		
15	QPSK	36	0	19.27	19.34	19.18	19.07	19.06	19.8	1
15	QPSK	36	20	19.16	19.20	19.15	19.04	19.04		
15	QPSK	36	39	19.28	19.18	19.08	18.93	19.07		
15	QPSK	75	0	19.34	19.21	19.10	19.02	19.00		
15	16QAM	1	0	18.67	18.65	18.62	18.36	18.58	19.8	1
15	16QAM	1	37	18.69	18.73	18.67	18.48	18.46		
15	16QAM	1	74	18.86	18.94	18.99	18.82	18.73		
15	16QAM	36	0	18.12	18.22	18.14	18.06	17.97	18.8	2
15	16QAM	36	20	18.00	17.89	17.96	17.67	17.72		
15	16QAM	36	39	18.26	18.23	18.24	18.09	17.94		
15	16QAM	75	0	17.89	17.95	17.92	17.66	17.62		
15	64QAM	1	0	17.70	17.79	17.61	17.57	17.48	18.8	2
15	64QAM	1	37	18.02	17.94	17.91	17.71	17.81		
15	64QAM	1	74	18.01	17.94	17.91	17.85	17.88		
15	64QAM	36	0	17.23	17.25	17.15	17.04	16.93	17.8	3
15	64QAM	36	20	17.15	17.16	17.27	17.01	17.11		
15	64QAM	36	39	17.15	17.19	17.15	17.03	16.98		
15	64QAM	75	0	16.82	16.93	16.91	16.65	16.61		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.37	20.33	20.21	19.94	19.92	20.8	0
10	QPSK	1	25	20.18	20.23	20.14	19.96	19.84		
10	QPSK	1	49	20.18	20.21	20.13	19.87	19.84		
10	QPSK	25	0	19.35	19.31	19.21	19.05	19.10	19.8	1
10	QPSK	25	12	19.23	19.20	19.06	19.02	18.93		
10	QPSK	25	25	19.19	19.21	19.19	18.98	18.97		
10	QPSK	50	0	19.29	19.15	19.20	18.96	18.91		
10	16QAM	1	0	18.65	18.61	18.64	18.36	18.58	19.8	1
10	16QAM	1	25	18.60	18.64	18.60	18.35	18.39		
10	16QAM	1	49	18.93	19.03	18.91	18.73	18.76		
10	16QAM	25	0	18.11	18.08	18.23	18.05	18.04	18.8	2
10	16QAM	25	12	18.00	17.87	17.90	17.72	17.74		
10	16QAM	25	25	18.27	18.26	18.18	18.09	18.01		
10	16QAM	50	0	17.90	17.91	17.93	17.69	17.65		
10	64QAM	1	0	17.74	17.83	17.62	17.63	17.45	18.8	2
10	64QAM	1	25	18.10	17.96	17.97	17.81	17.83		
10	64QAM	1	49	17.95	18.06	17.95	17.79	17.89		
10	64QAM	25	0	17.25	17.24	17.12	17.10	16.98	17.8	3
10	64QAM	25	12	17.17	17.21	17.20	16.94	17.11		
10	64QAM	25	25	17.22	17.24	17.11	17.07	17.00		
10	64QAM	50	0	16.86	17.02	16.94	16.69	16.64		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.46	20.38	20.11	20.05	19.99	20.8	0
5	QPSK	1	12	20.08	20.23	20.16	19.97	19.88		
5	QPSK	1	24	20.16	20.19	20.18	19.89	19.95		
5	QPSK	12	0	19.37	19.23	19.13	18.96	19.10	19.8	1
5	QPSK	12	7	19.29	19.28	19.09	18.96	18.96		
5	QPSK	12	13	19.19	19.24	19.10	18.99	19.03		
5	QPSK	25	0	19.36	19.18	19.10	19.02	19.02		
5	16QAM	1	0	18.54	18.59	18.57	18.38	18.47	19.8	1
5	16QAM	1	12	18.67	18.64	18.60	18.46	18.36		
5	16QAM	1	24	18.95	18.95	18.96	18.81	18.78		
5	16QAM	12	0	18.17	18.09	18.16	18.01	18.03	18.8	2
5	16QAM	12	7	17.91	17.95	17.96	17.81	17.79		
5	16QAM	12	13	18.16	18.31	18.18	18.06	17.96		
5	16QAM	25	0	17.87	17.87	17.92	17.68	17.60		
5	64QAM	1	0	17.74	17.82	17.70	17.51	17.47	18.8	2
5	64QAM	1	12	18.07	17.97	17.94	17.84	17.81		
5	64QAM	1	24	17.92	17.99	17.89	17.81	17.79		
5	64QAM	12	0	17.22	17.20	17.24	16.96	16.96	17.8	3
5	64QAM	12	7	17.20	17.09	17.27	16.94	17.02		
5	64QAM	12	13	17.10	17.15	17.24	17.08	17.11		
5	64QAM	25	0	16.91	16.91	16.84	16.72	16.69		

Band 41 (HPUE)_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.47	23.39	23.48	23.03	23.08	23.8	0
20	QPSK	1	49	23.33	23.35	23.23	23.01	23.02		
20	QPSK	1	99	23.36	23.37	23.19	22.96	23.06		
20	QPSK	50	0	22.41	22.37	22.42	22.07	22.06	22.8	1
20	QPSK	50	24	22.27	22.30	22.21	21.99	21.99		
20	QPSK	50	50	22.40	22.29	22.23	22.06	22.02		
20	QPSK	100	0	22.34	22.30	22.35	22.00	22.04		
20	16QAM	1	0	22.49	22.57	22.41	22.30	22.27	22.8	1
20	16QAM	1	49	22.60	22.55	22.41	22.25	22.25		
20	16QAM	1	99	22.49	22.46	22.38	22.27	22.15		
20	16QAM	50	0	21.49	21.37	21.31	21.16	21.16	21.8	2
20	16QAM	50	24	21.33	21.35	21.24	21.09	21.04		
20	16QAM	50	50	21.44	21.45	21.28	21.11	21.08		
20	16QAM	100	0	21.05	21.12	20.96	20.80	20.76		
20	64QAM	1	0	21.42	21.45	21.26	21.15	21.05	21.8	2
20	64QAM	1	49	21.34	21.37	21.29	21.09	21.11		
20	64QAM	1	99	21.14	21.18	20.99	20.84	20.81		
20	64QAM	50	0	20.41	20.39	20.23	19.98	19.98	20.8	3
20	64QAM	50	24	20.30	20.27	20.22	20.03	20.10		
20	64QAM	50	50	20.37	20.30	20.23	20.03	20.07		
20	64QAM	100	0	20.34	20.24	20.19	20.07	19.94		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.43	23.28	23.15	23.02	22.96	23.8	0
15	QPSK	1	37	23.31	23.22	23.15	22.96	22.92		
15	QPSK	1	74	23.21	23.36	23.07	22.89	22.97		
15	QPSK	36	0	22.33	22.26	22.19	21.99	21.92	22.8	1
15	QPSK	36	20	22.24	22.16	22.11	21.88	21.90		
15	QPSK	36	39	22.38	22.23	22.20	22.02	21.97		
15	QPSK	75	0	22.22	22.26	22.22	21.99	22.00		
15	16QAM	1	0	22.36	22.43	22.38	22.17	22.14	22.8	1
15	16QAM	1	37	22.57	22.47	22.29	22.23	22.17		
15	16QAM	1	74	22.41	22.35	22.29	22.26	22.06		
15	16QAM	36	0	21.45	21.22	21.16	21.13	21.14	21.8	2
15	16QAM	36	20	21.25	21.25	21.21	20.96	20.92		
15	16QAM	36	39	21.41	21.32	21.25	21.04	21.05		
15	16QAM	75	0	21.00	21.09	20.84	20.73	20.72		
15	64QAM	1	0	21.31	21.32	21.24	21.01	20.96	21.8	2
15	64QAM	1	37	21.20	21.26	21.28	21.07	21.04		
15	64QAM	1	74	21.05	21.08	20.85	20.71	20.72		
15	64QAM	36	0	20.38	20.35	20.21	19.94	19.96	20.8	3
15	64QAM	36	20	20.21	20.19	20.20	20.01	19.95		
15	64QAM	36	39	20.31	20.23	20.22	19.94	19.94		
15	64QAM	75	0	20.25	20.11	20.05	19.94	19.87		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.40	23.26	23.24	23.00	22.97	23.8	0
10	QPSK	1	25	23.22	23.28	23.15	22.87	23.00		
10	QPSK	1	49	23.29	23.31	23.16	22.85	23.01		
10	QPSK	25	0	22.38	22.25	22.22	22.02	22.01	22.8	1
10	QPSK	25	12	22.18	22.21	22.17	21.93	21.91		
10	QPSK	25	25	22.26	22.16	22.18	21.99	21.92		
10	QPSK	50	0	22.20	22.28	22.14	21.97	21.97		
10	16QAM	1	0	22.34	22.42	22.33	22.28	22.24	22.8	1
10	16QAM	1	25	22.48	22.45	22.36	22.14	22.10		
10	16QAM	1	49	22.38	22.33	22.30	22.14	22.00		
10	16QAM	25	0	21.39	21.35	21.27	21.12	21.12	21.8	2
10	16QAM	25	12	21.25	21.24	21.10	21.02	20.95		
10	16QAM	25	25	21.34	21.34	21.14	21.10	21.01		
10	16QAM	50	0	20.93	20.98	20.92	20.65	20.70		
10	64QAM	1	0	21.34	21.37	21.23	21.13	20.92	21.8	2
10	64QAM	1	25	21.22	21.28	21.24	21.08	20.99		
10	64QAM	1	49	20.99	21.15	20.86	20.69	20.72		
10	64QAM	25	0	20.28	20.38	20.20	19.93	19.84	20.8	3
10	64QAM	25	12	20.20	20.26	20.07	20.01	20.09		
10	64QAM	25	25	20.25	20.29	20.15	20.00	20.02		
10	64QAM	50	0	20.20	20.13	20.17	19.97	19.80		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.39	23.37	23.24	23.02	22.95	23.8	0
5	QPSK	1	12	23.20	23.32	23.21	22.92	22.97		
5	QPSK	1	24	23.26	23.36	23.08	22.93	23.03		
5	QPSK	12	0	22.29	22.28	22.11	22.01	21.98	22.8	1
5	QPSK	12	7	22.19	22.24	22.12	21.86	21.92		
5	QPSK	12	13	22.25	22.19	22.11	21.95	21.88		
5	QPSK	25	0	22.39	22.31	22.21	21.93	21.92		
5	16QAM	1	0	22.46	22.54	22.26	22.23	22.14	22.8	1
5	16QAM	1	12	22.48	22.49	22.33	22.12	22.24		
5	16QAM	1	24	22.39	22.44	22.30	22.22	22.12		
5	16QAM	12	0	21.47	21.28	21.24	21.04	21.06	21.8	2
5	16QAM	12	7	21.24	21.30	21.15	20.95	20.94		
5	16QAM	12	13	21.38	21.30	21.23	21.01	20.94		
5	16QAM	25	0	20.97	21.02	20.92	20.78	20.75		
5	64QAM	1	0	21.33	21.31	21.16	21.01	20.94	21.8	2
5	64QAM	1	12	21.20	21.36	21.24	20.97	21.06		
5	64QAM	1	24	21.10	21.03	20.90	20.76	20.66		
5	64QAM	12	0	20.40	20.26	20.09	19.97	19.88	20.8	3
5	64QAM	12	7	20.15	20.24	20.18	20.01	20.01		
5	64QAM	12	13	20.31	20.15	20.22	19.97	20.05		
5	64QAM	25	0	20.27	20.21	20.08	20.06	19.79		

Reduced Power Mode for ECI13

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	28.52	28.90	28.83	**29.80**	19.52	19.90	19.83	**20.80**
GPRS 1 Tx slot	28.56	28.97	28.89	**29.80**	19.56	19.97	19.89	**20.80**
GPRS 2 Tx slots	25.66	26.03	25.95	**26.80**	19.66	20.03	19.95	**20.80**
GPRS 3 Tx slots	23.84	24.24	24.12	**24.80**	19.58	19.98	19.86	**20.54**
GPRS 4 Tx slots	22.58	22.97	22.82	**23.80**	19.58	19.97	19.82	**20.80**
EDGE(GMSK 1 Tx slot)	28.42	28.82	28.84	**29.80**	19.42	19.82	19.84	**20.80**
EDGE(GMSK 2 Tx slot)	25.55	26.02	25.89	**26.80**	19.55	20.02	19.89	**20.80**
EDGE(GMSK 3 Tx slot)	23.69	24.13	23.98	**24.80**	19.43	19.87	19.72	**20.54**
EDGE(GMSK 4 Tx slot)	22.57	22.86	22.69	**23.80**	19.57	19.86	19.69	**20.80**
EDGE 1 Tx slot	26.05	26.41	26.60	**27.80**	17.05	17.41	17.60	**18.80**
EDGE 2 Tx slots	23.87	23.94	24.08	**25.80**	17.87	17.94	18.08	**19.80**
EDGE 3 Tx slots	22.01	22.23	22.31	**23.30**	17.75	17.97	18.05	**19.04**
EDGE 4 Tx slots	21.26	21.54	21.63	**22.80**	18.26	18.54	18.63	**19.80**

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	28.92	29.05	28.95	**30.30**	19.92	20.05	19.95	**21.30**
GPRS 1 Tx slot	28.95	29.20	29.05	**30.30**	19.95	20.20	20.05	**21.30**
GPRS 2 Tx slots	25.97	26.20	26.02	**27.30**	19.97	20.20	20.02	**21.30**
GPRS 3 Tx slots	24.19	24.45	24.26	**25.30**	19.93	20.19	20.00	**21.04**
GPRS 4 Tx slots	22.92	23.15	22.94	**24.30**	19.92	20.15	19.94	**21.30**
EDGE(GMSK 1 Tx slot)	28.94	29.19	28.92	**30.30**	19.94	20.19	19.92	**21.30**
EDGE(GMSK 2 Tx slot)	25.85	26.06	25.93	**27.30**	19.85	20.06	19.93	**21.30**
EDGE(GMSK 3 Tx slot)	24.16	24.42	24.18	**25.30**	19.90	20.16	19.92	**21.04**
EDGE(GMSK 4 Tx slot)	22.89	23.03	22.89	**24.30**	19.89	20.03	19.89	**21.30**
EDGE 1 Tx slot	24.98	25.01	25.10	**26.80**	15.98	16.01	16.10	**17.80**
EDGE 2 Tx slots	22.80	22.80	22.95	**24.80**	16.80	16.80	16.95	**18.80**
EDGE 3 Tx slots	20.97	20.89	20.94	**22.30**	16.71	16.63	16.68	**18.04**
EDGE 4 Tx slots	20.14	20.20	20.23	**21.80**	17.14	17.20	17.23	**18.80**

GSM1900_Ant 4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.16	28.45	28.36	**29.30**	19.16	19.45	19.36	**20.30**
GPRS 1 Tx slot	28.24	28.52	28.44	**29.30**	19.24	19.52	19.44	**20.30**
GPRS 2 Tx slots	25.35	25.63	25.54	**26.30**	19.35	19.63	19.54	**20.30**
GPRS 3 Tx slots	23.60	23.85	23.77	**24.50**	19.34	19.59	19.51	**20.24**
GPRS 4 Tx slots	22.36	22.63	22.52	**23.30**	19.36	19.63	19.52	**20.30**
EDGE(GMSK 1 Tx slot)	28.23	28.45	28.33	**29.30**	19.23	19.45	19.33	**20.30**
EDGE(GMSK 2 Tx slot)	25.31	25.61	25.47	**26.30**	19.31	19.61	19.47	**20.30**
EDGE(GMSK 3 Tx slot)	23.48	23.84	23.63	**24.50**	19.22	19.58	19.37	**20.24**
EDGE(GMSK 4 Tx slot)	22.33	22.56	22.49	**23.30**	19.33	19.56	19.49	**20.30**
EDGE 1 Tx slot	25.61	25.75	25.71	**26.80**	16.61	16.75	16.71	**17.80**
EDGE 2 Tx slots	22.45	22.56	22.47	**23.80**	16.45	16.56	16.47	**17.80**
EDGE 3 Tx slots	20.95	20.97	20.85	**22.30**	16.69	16.71	16.59	**18.04**
EDGE 4 Tx slots	20.06	20.10	19.99	**21.80**	17.06	17.10	16.99	**18.80**

GSM1900_Ant 3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.47	29.78	29.68	**30.80**	20.47	20.78	20.68	**21.80**
GPRS 1 Tx slot	29.46	29.73	29.67	**30.80**	20.46	20.73	20.67	**21.80**
GPRS 2 Tx slots	27.11	27.35	27.29	**28.80**	21.11	21.35	21.29	**22.80**
GPRS 3 Tx slots	25.34	25.56	25.52	**26.80**	21.08	21.30	21.26	**22.54**
GPRS 4 Tx slots	24.01	24.26	24.18	**25.30**	21.01	21.26	21.18	**22.30**
EDGE(GMSK 1 Tx slot)	29.44	29.58	29.59	**30.80**	20.44	20.58	20.59	**21.80**
EDGE(GMSK 2 Tx slot)	27.04	27.28	27.18	**28.80**	21.04	21.28	21.18	**22.80**
EDGE(GMSK 3 Tx slot)	25.23	25.54	25.48	**26.80**	20.97	21.28	21.22	**22.54**
EDGE(GMSK 4 Tx slot)	23.88	24.12	24.10	**25.30**	20.88	21.12	21.10	**22.30**
EDGE 1 Tx slot	25.60	25.82	25.65	**27.30**	16.60	16.82	16.65	**18.30**
EDGE 2 Tx slots	22.80	22.91	22.80	**24.80**	16.80	16.91	16.80	**18.80**
EDGE 3 Tx slots	20.96	21.22	20.97	**22.80**	16.70	16.96	16.71	**18.54**
EDGE 4 Tx slots	20.35	20.39	20.30	**22.30**	17.35	17.39	17.30	**19.30**

Band		WCDMA II_Ant 4			Tune-up Limit (dBm)	WCDMA II_Ant 3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	18.36	18.42	18.31	**19.30**	19.67	19.77	19.73	**20.30**
3GPP Rel 99	RMC 12.2Kbps	18.49	18.53	18.41	**19.30**	19.75	19.83	19.77	**20.30**
3GPP Rel 6	HSDPA Subtest-1	18.47	18.47	18.42	**19.30**	19.74	19.77	19.79	**20.30**
3GPP Rel 6	HSDPA Subtest-2	18.48	18.45	18.51	**19.30**	19.73	19.78	19.82	**20.30**
3GPP Rel 6	HSDPA Subtest-3	18.44	18.50	18.48	**19.30**	19.80	19.79	19.78	**20.30**
3GPP Rel 6	HSDPA Subtest-4	18.51	18.44	18.50	**19.30**	19.76	19.82	19.74	**20.30**
3GPP Rel 8	DC-HSDPA Subtest-1	18.46	18.32	18.30	**19.30**	19.68	19.76	19.67	**20.30**
3GPP Rel 8	DC-HSDPA Subtest-2	18.36	18.31	18.48	**19.30**	19.61	19.67	19.69	**20.30**
3GPP Rel 8	DC-HSDPA Subtest-3	18.44	18.42	18.44	**19.30**	19.77	19.75	19.79	**20.30**
3GPP Rel 8	DC-HSDPA Subtest-4	18.40	18.46	18.44	**19.30**	19.70	19.69	19.74	**20.30**
3GPP Rel 6	HSUPA Subtest-1	18.34	18.49	18.28	**19.30**	19.67	19.82	19.68	**20.30**
3GPP Rel 6	HSUPA Subtest-2	18.45	18.49	18.38	**19.30**	19.64	19.82	19.69	**20.30**
3GPP Rel 6	HSUPA Subtest-3	18.40	18.50	18.26	**19.30**	19.71	19.75	19.63	**20.30**
3GPP Rel 6	HSUPA Subtest-4	18.35	18.45	18.37	**19.30**	19.62	19.80	19.69	**20.30**
3GPP Rel 6	HSUPA Subtest-5	18.41	18.48	18.36	**19.30**	19.67	19.75	19.62	**20.30**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.47	18.42	18.40	**19.30**	19.66	19.71	19.74	**20.30**

复用ECI8

Band		WCDMA IV_Ant 4			Tune-up Limit (dBm)	WCDMA IV_Ant 3			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.52	20.47	20.43	**20.80**	21.09	21.07	20.98	**21.30**
3GPP Rel 99	RMC 12.2Kbps	20.53	20.55	20.47	**20.80**	21.16	21.19	21.12	**21.30**
3GPP Rel 6	HSDPA Subtest-1	20.39	20.37	20.33	**20.80**	21.15	21.15	21.15	**21.30**
3GPP Rel 6	HSDPA Subtest-2	20.40	20.38	20.34	**20.80**	21.11	21.17	21.12	**21.30**
3GPP Rel 6	HSDPA Subtest-3	20.41	20.44	20.37	**20.80**	21.15	21.12	21.16	**21.30**
3GPP Rel 6	HSDPA Subtest-4	20.39	20.38	20.33	**20.80**	21.13	21.09	21.05	**21.30**
3GPP Rel 8	DC-HSDPA Subtest-1	20.34	20.25	20.22	**20.80**	21.14	21.13	21.02	**21.30**
3GPP Rel 8	DC-HSDPA Subtest-2	20.26	20.28	20.22	**20.80**	21.02	21.03	21.08	**21.30**
3GPP Rel 8	DC-HSDPA Subtest-3	20.31	20.41	20.30	**20.80**	21.04	21.09	21.12	**21.30**
3GPP Rel 8	DC-HSDPA Subtest-4	20.25	20.30	20.23	**20.80**	21.04	21.17	20.92	**21.30**
3GPP Rel 6	HSUPA Subtest-1	20.37	20.35	20.28	**20.80**	21.10	21.17	20.98	**21.30**
3GPP Rel 6	HSUPA Subtest-2	20.45	20.43	20.35	**20.80**	21.06	21.09	20.99	**21.30**
3GPP Rel 6	HSUPA Subtest-3	20.43	20.40	20.32	**20.80**	21.06	21.10	21.10	**21.30**
3GPP Rel 6	HSUPA Subtest-4	20.39	20.42	20.37	**20.80**	21.01	21.11	21.09	**21.30**
3GPP Rel 6	HSUPA Subtest-5	20.40	20.40	20.30	**20.80**	21.08	21.08	21.08	**21.30**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.40	20.37	20.28	**20.80**	21.11	21.11	21.04	**21.30**

Band		WCDMA V_Ant 1			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.13	19.15	19.05	**20.30**	20.33	20.40	20.20	**21.30**
3GPP Rel 99	RMC 12.2Kbps	19.25	19.30	19.20	**20.30**	20.35	20.41	20.33	**21.30**
3GPP Rel 6	HSDPA Subtest-1	19.21	19.15	19.05	**20.30**	20.34	20.30	20.30	**21.30**
3GPP Rel 6	HSDPA Subtest-2	19.11	19.28	19.06	**20.30**	20.26	20.31	20.26	**21.30**
3GPP Rel 6	HSDPA Subtest-3	19.22	19.24	19.14	**20.30**	20.33	20.27	20.30	**21.30**
3GPP Rel 6	HSDPA Subtest-4	19.12	19.24	19.07	**20.30**	20.29	20.32	20.25	**21.30**
3GPP Rel 8	DC-HSDPA Subtest-1	19.22	19.19	19.08	**20.30**	20.24	20.26	20.15	**21.30**
3GPP Rel 8	DC-HSDPA Subtest-2	19.16	19.27	19.17	**20.30**	20.19	20.18	20.15	**21.30**
3GPP Rel 8	DC-HSDPA Subtest-3	19.16	19.23	19.16	**20.30**	20.20	20.13	20.29	**21.30**
3GPP Rel 8	DC-HSDPA Subtest-4	19.24	19.26	19.19	**20.30**	20.28	20.22	20.14	**21.30**
3GPP Rel 6	HSUPA Subtest-1	19.13	19.25	19.05	**20.30**	20.05	20.08	20.03	**20.80**
3GPP Rel 6	HSUPA Subtest-2	19.13	19.25	19.08	**20.30**	20.04	20.06	20.06	**20.80**
3GPP Rel 6	HSUPA Subtest-3	19.24	19.19	19.06	**20.30**	20.26	20.31	20.29	**21.30**
3GPP Rel 6	HSUPA Subtest-4	19.18	19.28	19.10	**20.30**	19.61	19.63	19.57	**20.80**
3GPP Rel 6	HSUPA Subtest-5	19.15	19.26	19.12	**20.30**	20.30	20.30	20.30	**21.30**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.21	19.16	19.19	**20.30**	20.02	19.91	19.95	**21.30**

Band 2_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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.09	19.14	19.02		
20	QPSK	1	49	18.94	19.13	18.96	19.8	0
20	QPSK	1	99	19.05	19.02	19.01		
20	QPSK	50	0	19.00	19.10	18.96		
20	QPSK	50	24	18.93	19.02	18.91	19.8	0
20	QPSK	50	50	18.91	19.05	18.94		
20	QPSK	100	0	18.98	19.05	18.94		
20	16QAM	1	0	19.05	19.03	18.97		
20	16QAM	1	49	18.99	19.07	18.92	19.8	0
20	16QAM	1	99	18.95	19.04	18.99		
20	16QAM	50	0	19.00	19.09	18.95		
20	16QAM	50	24	19.07	19.04	18.90	19.8	0
20	16QAM	50	50	18.99	19.09	18.88		
20	16QAM	100	0	19.00	19.12	18.91		
20	64QAM	1	0	18.99	19.04	18.90		
20	64QAM	1	49	18.96	19.10	18.96	19.8	0
20	64QAM	1	99	19.03	18.99	19.01		
20	64QAM	50	0	18.94	19.02	19.00		
20	64QAM	50	24	18.95	19.13	18.92	19.8	0
20	64QAM	50	50	18.96	19.03	18.90		
20	64QAM	100	0	19.03	19.08	18.93		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.04	19.09	18.93		
15	QPSK	1	37	18.91	19.09	18.84	19.8	0
15	QPSK	1	74	18.98	18.87	18.96		
15	QPSK	36	0	18.95	19.03	18.89		
15	QPSK	36	20	18.82	18.93	18.78	19.8	0
15	QPSK	36	39	18.85	18.91	18.92		
15	QPSK	75	0	18.91	18.99	18.80		
15	16QAM	1	0	18.91	18.91	18.95		
15	16QAM	1	37	18.98	19.03	18.82	19.8	0
15	16QAM	1	74	18.84	18.96	18.92		
15	16QAM	36	0	18.87	18.94	18.80		
15	16QAM	36	20	18.95	18.94	18.85	19.8	0
15	16QAM	36	39	18.94	19.08	18.87		
15	16QAM	75	0	18.86	19.07	18.84		
15	64QAM	1	0	18.85	18.90	18.80		
15	64QAM	1	37	18.88	19.08	18.84	19.8	0
15	64QAM	1	74	18.91	18.92	18.86		
15	64QAM	36	0	18.82	18.92	18.86		
15	64QAM	36	20	18.83	19.06	18.80	19.8	0
15	64QAM	36	39	18.89	18.88	18.82		
15	64QAM	75	0	18.91	18.99	18.84		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.04	19.13	18.99		
10	QPSK	1	25	18.81	19.03	18.89	19.8	0
10	QPSK	1	49	19.00	18.95	18.92		
10	QPSK	25	0	18.88	19.07	18.85		
10	QPSK	25	12	18.78	18.90	18.84	19.8	0
10	QPSK	25	25	18.80	18.92	18.90		
10	QPSK	50	0	18.83	18.96	18.82		
10	16QAM	1	0	19.01	18.91	18.88		
10	16QAM	1	25	18.93	18.97	18.87	19.8	0
10	16QAM	1	49	18.83	18.95	18.87		
10	16QAM	25	0	18.95	18.98	18.90		
10	16QAM	25	12	19.06	18.96	18.83	19.8	0
10	16QAM	25	25	18.96	18.94	18.74		
10	16QAM	50	0	18.97	19.01	18.77		
10	64QAM	1	0	18.87	19.00	18.87		
10	64QAM	1	25	18.90	19.01	18.88	19.8	0
10	64QAM	1	49	19.00	18.98	18.90		
10	64QAM	25	0	18.88	18.96	18.97		
10	64QAM	25	12	18.87	18.98	18.82	19.8	0
10	64QAM	25	25	18.89	18.94	18.88		
10	64QAM	50	0	18.94	18.98	18.78		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.04	19.05	18.90		
5	QPSK	1	12	18.80	18.98	18.88	19.8	0
5	QPSK	1	24	18.94	18.95	18.87		
5	QPSK	12	0	18.97	19.02	18.82		
5	QPSK	12	7	18.81	18.89	18.85	19.8	0
5	QPSK	12	13	18.90	18.91	18.81		
5	QPSK	25	0	18.91	19.04	18.84		
5	16QAM	1	0	19.02	18.93	18.90		
5	16QAM	1	12	18.88	19.04	18.82	19.8	0
5	16QAM	1	24	18.92	18.99	18.92		
5	16QAM	12	0	18.89	18.95	18.92		
5	16QAM	12	7	18.94	19.00	18.85	19.8	0
5	16QAM	12	13	18.93	19.04	18.84		
5	16QAM	25	0	18.85	19.00	18.82		
5	64QAM	1	0	18.87	19.02	18.85		
5	64QAM	1	12	18.81	18.96	18.95	19.8	0
5	64QAM	1	24	18.95	18.93	18.93		
5	64QAM	12	0	18.91	18.88	18.89		
5	64QAM	12	7	18.82	19.02	18.87	19.8	0
5	64QAM	12	13	18.92	18.91	18.81		
5	64QAM	25	0	18.99	18.95	18.82		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.95	19.12	18.98		
3	QPSK	1	8	18.86	19.01	18.82	19.8	0
3	QPSK	1	14	18.91	18.98	18.91		
3	QPSK	8	0	18.93	19.06	18.95		
3	QPSK	8	4	18.79	18.96	18.79	19.8	0
3	QPSK	8	7	18.80	18.99	18.80		
3	QPSK	15	0	18.83	18.98	18.90		
3	16QAM	1	0	19.03	19.01	18.96		
3	16QAM	1	8	18.94	18.98	18.87	19.8	0
3	16QAM	1	14	18.94	19.00	18.92		
3	16QAM	8	0	18.96	19.01	18.87		
3	16QAM	8	4	19.02	18.94	18.89	19.8	0
3	16QAM	8	7	18.89	18.96	18.83		
3	16QAM	15	0	18.96	19.11	18.82		
3	64QAM	1	0	18.89	18.91	18.85		
3	64QAM	1	8	18.91	19.09	18.95	19.8	0
3	64QAM	1	14	19.00	18.92	18.92		
3	64QAM	8	0	18.80	18.90	18.90		
3	64QAM	8	4	18.93	19.10	18.80	19.8	0
3	64QAM	8	7	18.84	18.89	18.86		
3	64QAM	15	0	19.00	19.07	18.91		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.01	19.13	18.98		
1.4	QPSK	1	3	18.81	18.98	18.94		
1.4	QPSK	1	5	18.94	18.96	18.96	19.8	0
1.4	QPSK	3	0	18.93	19.04	18.82		
1.4	QPSK	3	1	18.82	18.94	18.84		
1.4	QPSK	3	3	18.87	19.03	18.84		
1.4	QPSK	6	0	18.91	18.90	18.92	19.8	0
1.4	16QAM	1	0	18.97	18.91	18.86		
1.4	16QAM	1	3	18.85	18.94	18.88		
1.4	16QAM	1	5	18.91	19.00	18.84	19.8	0
1.4	16QAM	3	0	18.88	18.94	18.82		
1.4	16QAM	3	1	18.99	18.90	18.76		
1.4	16QAM	3	3	18.88	19.04	18.86		
1.4	16QAM	6	0	18.93	18.97	18.84	19.8	0
1.4	64QAM	1	0	18.86	18.91	18.80		
1.4	64QAM	1	3	18.88	18.96	18.87		
1.4	64QAM	1	5	19.02	18.89	19.00	19.8	0
1.4	64QAM	3	0	18.88	19.01	18.91		
1.4	64QAM	3	1	18.94	19.01	18.77		
1.4	64QAM	3	3	18.84	18.97	18.83		
1.4	64QAM	6	0	18.90	18.93	18.89	19.8	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.50	20.58	20.49		
20	QPSK	1	49	20.49	20.54	20.40	20.8	0
20	QPSK	1	99	20.39	20.49	20.35		
20	QPSK	50	0	20.47	20.52	20.43		
20	QPSK	50	24	20.41	20.42	20.35	20.8	0
20	QPSK	50	50	20.39	20.47	20.37		
20	QPSK	100	0	20.35	20.48	20.45		
20	16QAM	1	0	20.40	20.56	20.35		
20	16QAM	1	49	20.36	20.47	20.38	20.8	0
20	16QAM	1	99	20.40	20.52	20.39		
20	16QAM	50	0	20.44	20.57	20.46		
20	16QAM	50	24	20.46	20.44	20.41	20.8	0
20	16QAM	50	50	20.36	20.48	20.37		
20	16QAM	100	0	20.40	20.51	20.48		
20	64QAM	1	0	20.40	20.57	20.47		
20	64QAM	1	49	20.39	20.52	20.38	20.8	0
20	64QAM	1	99	20.39	20.49	20.39		
20	64QAM	50	0	20.27	20.31	20.20		
20	64QAM	50	24	20.14	20.33	20.17	20.8	0
20	64QAM	50	50	20.17	20.18	20.15		
20	64QAM	100	0	20.21	20.21	20.07		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.47	20.48	20.47		
15	QPSK	1	37	20.46	20.43	20.29	20.8	0
15	QPSK	1	74	20.32	20.40	20.32		
15	QPSK	36	0	20.35	20.38	20.29		
15	QPSK	36	20	20.35	20.36	20.30	20.8	0
15	QPSK	36	39	20.29	20.40	20.36		
15	QPSK	75	0	20.31	20.40	20.39		
15	16QAM	1	0	20.39	20.47	20.20		
15	16QAM	1	37	20.22	20.38	20.31	20.8	0
15	16QAM	1	74	20.34	20.40	20.25		
15	16QAM	36	0	20.35	20.53	20.42		
15	16QAM	36	20	20.35	20.31	20.29	20.8	0
15	16QAM	36	39	20.34	20.38	20.33		
15	16QAM	75	0	20.37	20.38	20.40		
15	64QAM	1	0	20.30	20.48	20.33		
15	64QAM	1	37	20.35	20.48	20.32	20.8	0
15	64QAM	1	74	20.24	20.36	20.35		
15	64QAM	36	0	20.23	20.17	20.10		
15	64QAM	36	20	20.11	20.28	20.16	20.8	0
15	64QAM	36	39	20.04	20.10	20.11		
15	64QAM	75	0	20.07	20.12	19.97		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.39	20.51	20.44		
10	QPSK	1	25	20.45	20.41	20.39	20.8	0
10	QPSK	1	49	20.38	20.46	20.20		
10	QPSK	25	0	20.32	20.38	20.33		
10	QPSK	25	12	20.39	20.38	20.26	20.8	0
10	QPSK	25	25	20.38	20.39	20.26		
10	QPSK	50	0	20.28	20.47	20.43		
10	16QAM	1	0	20.39	20.44	20.22		
10	16QAM	1	25	20.29	20.41	20.34	20.8	0
10	16QAM	1	49	20.38	20.48	20.36		
10	16QAM	25	0	20.30	20.45	20.37		
10	16QAM	25	12	20.41	20.40	20.40	20.8	0
10	16QAM	25	25	20.33	20.34	20.22		
10	16QAM	50	0	20.36	20.36	20.41		
10	64QAM	1	0	20.26	20.43	20.46		
10	64QAM	1	25	20.38	20.44	20.28	20.8	0
10	64QAM	1	49	20.37	20.47	20.29		
10	64QAM	25	0	20.24	20.23	20.06		
10	64QAM	25	12	20.04	20.22	20.08	20.8	0
10	64QAM	25	25	20.11	20.09	20.11		
10	64QAM	50	0	20.07	20.17	20.06		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.44	20.56	20.43		
5	QPSK	1	12	20.41	20.45	20.27	20.8	0
5	QPSK	1	24	20.26	20.47	20.31		
5	QPSK	12	0	20.41	20.51	20.32		
5	QPSK	12	7	20.30	20.41	20.26	20.8	0
5	QPSK	12	13	20.34	20.41	20.26		
5	QPSK	25	0	20.22	20.45	20.34		
5	16QAM	1	0	20.39	20.42	20.29		
5	16QAM	1	12	20.28	20.46	20.30	20.8	0
5	16QAM	1	24	20.31	20.40	20.24		
5	16QAM	12	0	20.33	20.42	20.34		
5	16QAM	12	7	20.31	20.35	20.40	20.8	0
5	16QAM	12	13	20.30	20.35	20.35		
5	16QAM	25	0	20.39	20.48	20.37		
5	64QAM	1	0	20.32	20.54	20.38		
5	64QAM	1	12	20.32	20.43	20.24	20.8	0
5	64QAM	1	24	20.26	20.37	20.35		
5	64QAM	12	0	20.15	20.27	20.18		
5	64QAM	12	7	20.03	20.31	20.05	20.8	0
5	64QAM	12	13	20.07	20.07	20.05		
5	64QAM	25	0	20.09	20.11	19.94		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.48	20.49	20.35		
3	QPSK	1	8	20.37	20.41	20.26	20.8	0
3	QPSK	1	14	20.30	20.36	20.34		
3	QPSK	8	0	20.35	20.45	20.38		
3	QPSK	8	4	20.38	20.32	20.28	20.8	0
3	QPSK	8	7	20.37	20.37	20.28		
3	QPSK	15	0	20.21	20.36	20.35		
3	16QAM	1	0	20.28	20.52	20.23		
3	16QAM	1	8	20.27	20.37	20.30	20.8	0
3	16QAM	1	14	20.33	20.44	20.37		
3	16QAM	8	0	20.30	20.43	20.39		
3	16QAM	8	4	20.43	20.34	20.37	20.8	0
3	16QAM	8	7	20.23	20.45	20.26		
3	16QAM	15	0	20.32	20.46	20.37		
3	64QAM	1	0	20.38	20.53	20.32		
3	64QAM	1	8	20.26	20.49	20.37	20.8	0
3	64QAM	1	14	20.24	20.47	20.32		
3	64QAM	8	0	20.13	20.25	20.13		
3	64QAM	8	4	20.12	20.20	20.06	20.8	0
3	64QAM	8	7	20.14	20.13	20.07		
3	64QAM	15	0	20.15	20.18	19.95		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.35	20.55	20.46		
1.4	QPSK	1	3	20.35	20.52	20.34		
1.4	QPSK	1	5	20.28	20.39	20.21	20.8	0
1.4	QPSK	3	0	20.37	20.37	20.35		
1.4	QPSK	3	1	20.33	20.32	20.34		
1.4	QPSK	3	3	20.26	20.37	20.26		
1.4	QPSK	6	0	20.32	20.36	20.39	20.8	0
1.4	16QAM	1	0	20.34	20.47	20.23		
1.4	16QAM	1	3	20.22	20.39	20.30		
1.4	16QAM	1	5	20.36	20.51	20.31	20.8	0
1.4	16QAM	3	0	20.32	20.46	20.40		
1.4	16QAM	3	1	20.31	20.42	20.38		
1.4	16QAM	3	3	20.34	20.35	20.26		
1.4	16QAM	6	0	20.25	20.45	20.39	20.8	0
1.4	64QAM	1	0	20.32	20.55	20.38		
1.4	64QAM	1	3	20.34	20.37	20.27		
1.4	64QAM	1	5	20.26	20.41	20.24	20.8	0
1.4	64QAM	3	0	20.17	20.19	20.06		
1.4	64QAM	3	1	20.09	20.30	20.10		
1.4	64QAM	3	3	20.12	20.03	20.09		
1.4	64QAM	6	0	20.11	20.15	19.99	20.8	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.10	20.11	20.06		
20	QPSK	1	49	20.00	20.07	19.95	20.3	0
20	QPSK	1	99	19.91	20.01	19.95		
20	QPSK	50	0	20.09	20.10	20.04		
20	QPSK	50	24	20.08	20.02	20.01	20.3	0
20	QPSK	50	50	20.06	20.04	19.96		
20	QPSK	100	0	20.02	20.03	19.95		
20	16QAM	1	0	20.08	20.09	20.02		
20	16QAM	1	49	20.07	20.10	20.03	20.3	0
20	16QAM	1	99	20.02	20.01	20.07		
20	16QAM	50	0	19.38	19.34	19.30		
20	16QAM	50	24	19.61	19.65	19.48	19.8	0.5
20	16QAM	50	50	19.40	19.47	19.33		
20	16QAM	100	0	19.35	19.61	19.41		
20	64QAM	1	0	19.49	19.53	19.48		
20	64QAM	1	49	19.41	19.58	19.39	19.8	0.5
20	64QAM	1	99	19.49	19.61	19.40		
20	64QAM	50	0	18.28	18.45	18.30		
20	64QAM	50	24	18.64	18.61	18.45	18.8	1.5
20	64QAM	50	50	18.47	18.47	18.49		
20	64QAM	100	0	18.37	18.61	18.35		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.06	20.07	19.93		
15	QPSK	1	37	19.87	20.06	19.87	20.3	0
15	QPSK	1	74	19.88	19.92	19.90		
15	QPSK	36	0	20.07	20.02	19.99		
15	QPSK	36	20	20.04	19.93	19.88	20.3	0
15	QPSK	36	39	19.94	19.98	19.82		
15	QPSK	75	0	19.99	20.00	19.92		
15	16QAM	1	0	19.95	20.06	19.95		
15	16QAM	1	37	19.96	20.06	19.98	20.3	0
15	16QAM	1	74	20.09	20.01	19.93		
15	16QAM	36	0	19.29	19.25	19.21		
15	16QAM	36	20	19.56	19.52	19.41	19.8	0.5
15	16QAM	36	39	19.39	19.35	19.26		
15	16QAM	75	0	19.30	19.46	19.31		
15	64QAM	1	0	19.44	19.41	19.45		
15	64QAM	1	37	19.34	19.52	19.25	19.8	0.5
15	64QAM	1	74	19.44	19.46	19.25		
15	64QAM	36	0	18.20	18.39	18.25		
15	64QAM	36	20	18.51	18.59	18.30	18.8	1.5
15	64QAM	36	39	18.37	18.38	18.48		
15	64QAM	75	0	18.34	18.52	18.34		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.99	19.99	19.95		
10	QPSK	1	25	19.88	20.03	19.84	20.3	0
10	QPSK	1	49	19.90	20.00	19.81		
10	QPSK	25	0	20.02	20.02	19.97		
10	QPSK	25	12	19.93	19.92	19.94	20.3	0
10	QPSK	25	25	20.00	20.00	19.83		
10	QPSK	50	0	19.94	19.92	19.93		
10	16QAM	1	0	19.99	20.07	19.98		
10	16QAM	1	25	20.01	19.99	20.01	20.3	0
10	16QAM	1	49	20.02	20.07	20.01		
10	16QAM	25	0	19.32	19.22	19.24		
10	16QAM	25	12	19.46	19.60	19.42	19.8	0.5
10	16QAM	25	25	19.25	19.34	19.27		
10	16QAM	50	0	19.23	19.53	19.32		
10	64QAM	1	0	19.35	19.40	19.41		
10	64QAM	1	25	19.29	19.57	19.29	19.8	0.5
10	64QAM	1	49	19.47	19.50	19.26		
10	64QAM	25	0	18.26	18.35	18.23		
10	64QAM	25	12	18.54	18.56	18.39	18.8	1.5
10	64QAM	25	25	18.44	18.46	18.35		
10	64QAM	50	0	18.30	18.59	18.32		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.98	20.06	19.91		
5	QPSK	1	12	19.92	20.05	19.87	20.3	0
5	QPSK	1	24	19.81	19.96	19.87		
5	QPSK	12	0	19.94	20.06	20.00		
5	QPSK	12	7	20.02	19.94	19.88	20.3	0
5	QPSK	12	13	19.99	20.01	19.83		
5	QPSK	25	0	19.90	19.92	19.92		
5	16QAM	1	0	20.03	20.04	19.87		
5	16QAM	1	12	19.95	20.04	19.98	20.3	0
5	16QAM	1	24	20.01	20.02	19.97		
5	16QAM	12	0	19.26	19.30	19.18		
5	16QAM	12	7	19.57	19.58	19.43	19.8	0.5
5	16QAM	12	13	19.38	19.32	19.22		
5	16QAM	25	0	19.26	19.51	19.34		
5	64QAM	1	0	19.36	19.47	19.37		
5	64QAM	1	12	19.27	19.49	19.24	19.8	0.5
5	64QAM	1	24	19.41	19.54	19.38		
5	64QAM	12	0	18.25	18.32	18.28		
5	64QAM	12	7	18.52	18.48	18.40	18.8	1.5
5	64QAM	12	13	18.38	18.33	18.46		
5	64QAM	25	0	18.29	18.58	18.26		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.96	19.98	19.93		
3	QPSK	1	8	19.92	19.93	19.90	20.3	0

Band 4_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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.12	20.16	20.09		
20	QPSK	1	49	19.99	20.11	19.94	21	0
20	QPSK	1	99	20.01	20.06	19.96		
20	QPSK	50	0	20.01	20.08	20.02		
20	QPSK	50	24	20.00	20.05	19.97	21	0
20	QPSK	50	50	19.97	20.04	19.95		
20	QPSK	100	0	19.98	20.04	19.96		
20	16QAM	1	0	20.03	20.07	20.08		
20	16QAM	1	49	20.00	20.08	20.07	21	0
20	16QAM	1	99	20.01	20.07	20.04		
20	16QAM	50	0	19.99	20.15	20.08		
20	16QAM	50	24	20.05	20.02	19.94	21	0
20	16QAM	50	50	20.07	20.05	19.94		
20	16QAM	100	0	20.04	20.02	20.01		
20	64QAM	1	0	19.97	20.10	19.97		
20	64QAM	1	49	19.99	20.12	19.97	21	0
20	64QAM	1	99	20.07	20.12	19.95		
20	64QAM	50	0	19.98	20.06	20.02		
20	64QAM	50	24	20.04	20.04	19.97	21	0
20	64QAM	50	50	20.04	20.02	19.98		
20	64QAM	100	0	19.99	20.12	19.95		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.10	20.08	19.96		
15	QPSK	1	37	19.87	20.02	19.89	21	0
15	QPSK	1	74	19.95	19.91	19.82		
15	QPSK	36	0	19.90	20.05	19.91		
15	QPSK	36	20	19.85	19.96	19.84	21	0
15	QPSK	36	39	19.92	19.92	19.85		
15	QPSK	75	0	19.86	19.96	19.89		
15	16QAM	1	0	19.91	19.94	20.05		
15	16QAM	1	37	19.93	19.95	20.02	21	0
15	16QAM	1	74	19.94	20.03	19.90		
15	16QAM	36	0	19.84	20.05	19.95		
15	16QAM	36	20	19.99	19.92	19.87	21	0
15	16QAM	36	39	19.92	19.95	19.92		
15	16QAM	75	0	19.99	19.94	19.94		
15	64QAM	1	0	19.85	20.02	19.87		
15	64QAM	1	37	19.98	19.99	19.95	21	0
15	64QAM	1	74	19.96	20.06	19.86		
15	64QAM	36	0	19.97	19.98	19.94		
15	64QAM	36	20	19.92	20.03	19.84	21	0
15	64QAM	36	39	19.89	19.99	19.97		
15	64QAM	75	0	19.88	20.03	19.93		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.97	20.02	19.95		
10	QPSK	1	25	19.87	20.08	19.86	21	0
10	QPSK	1	49	20.00	19.95	19.92		
10	QPSK	25	0	19.86	19.99	19.89		
10	QPSK	25	12	19.86	19.92	19.91	21	0
10	QPSK	25	25	19.95	20.01	19.88		
10	QPSK	50	0	19.88	20.02	19.90		
10	16QAM	1	0	19.90	20.06	20.03		
10	16QAM	1	25	19.86	19.95	19.94	21	0
10	16QAM	1	49	19.94	19.92	19.95		
10	16QAM	25	0	19.91	20.00	19.93		
10	16QAM	25	12	19.98	19.90	19.84	21	0
10	16QAM	25	25	19.97	20.04	19.93		
10	16QAM	50	0	19.90	19.88	19.92		
10	64QAM	1	0	19.82	19.97	19.93		
10	64QAM	1	25	19.97	20.10	19.85	21	0
10	64QAM	1	49	19.92	20.06	19.88		
10	64QAM	25	0	19.97	20.00	19.94		
10	64QAM	25	12	19.90	20.01	19.90	21	0
10	64QAM	25	25	19.95	19.92	19.96		
10	64QAM	50	0	19.96	20.06	19.81		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.98	20.04	19.95		
5	QPSK	1	12	19.98	19.96	19.93	21	0
5	QPSK	1	24	19.90	19.99	19.86		
5	QPSK	12	0	19.96	20.01	19.97		
5	QPSK	12	7	19.85	19.92	19.83	21	0
5	QPSK	12	13	19.89	19.98	19.92		
5	QPSK	25	0	19.83	19.94	19.86		
5	16QAM	1	0	19.94	19.99	20.03		
5	16QAM	1	12	19.99	19.94	20.03	21	0
5	16QAM	1	24	19.98	20.00	20.02		
5	16QAM	12	0	19.88	20.10	20.04		
5	16QAM	12	7	19.91	19.88	19.93	21	0
5	16QAM	12	13	20.01	20.03	19.93		
5	16QAM	25	0	19.98	19.97	19.93		
5	64QAM	1	0	19.95	19.95	19.86		
5	64QAM	1	12	19.98	20.07	19.90	21	0
5	64QAM	1	24	20.06	20.01	19.85		
5	64QAM	12	0	19.86	20.00	19.88		
5	64QAM	12	7	20.02	19.94	19.83	21	0
5	64QAM	12	13	19.89	19.87	19.88		
5	64QAM	25	0	19.87	20.08	19.85		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.09	20.08	20.01		
3	QPSK	1	8	19.89	19.99	19.87	21	0
3	QPSK	1	14	19.95	19.96	19.87		
3	QPSK	8	0	19.96	20.07	19.99		
3	QPSK	8	4	19.96	20.01	19.90	21	0
3	QPSK	8	7	19.84	19.90	19.86		
3	QPSK	15	0	19.89	19.94	19.92		
3	16QAM	1	0	19.98	20.05	20.00		
3	16QAM	1	8	19.94	20.02	20.05	21	0
3	16QAM	1	14	19.95	20.06	19.98		
3	16QAM	8	0	19.95	20.07	20.07		
3	16QAM	8	4	19.91	19.91	19.92	21	0
3	16QAM	8	7	19.96	19.97	19.93		
3	16QAM	15	0	19.95	19.99	20.00		
3	64QAM	1	0	19.95	20.07	19.92		
3	64QAM	1	8	19.84	20.11	19.95	21	0
3	64QAM	1	14	19.98	20.02	19.80		
3	64QAM	8	0	19.88	19.95	20.00		
3	64QAM	8	4	19.93	19.89	19.87	21	0
3	64QAM	8	7	19.94	19.94	19.93		
3	64QAM	15	0	19.85	20.08	19.82		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.97	20.05	20.07		
1.4	QPSK	1	3	19.92	19.96	19.83		
1.4	QPSK	1	5	19.92	20.04	19.92	21	0
1.4	QPSK	3	0	19.93	20.01	19.97		
1.4	QPSK	3	1	19.95	20.02	19.92		
1.4	QPSK	3	3	19.95	19.98	19.85		
1.4	QPSK	6	0	19.90	20.03	19.92	21	0
1.4	16QAM	1	0	19.93	20.02	19.96		
1.4	16QAM	1	3	19.90	20.04	19.97		
1.4	16QAM	1	5	19.98	19.99	19.92	21	0
1.4	16QAM	3	0	19.89	20.12	20.06		
1.4	16QAM	3	1	19.90	19.93	19.84		
1.4	16QAM	3	3	20.04	19.98	19.79		
1.4	16QAM	6	0	19.95	19.92	19.91	21	0
1.4	64QAM	1	0	19.90	20.08	19.92		
1.4	64QAM	1	3	19.89	20.11	19.87		
1.4	64QAM	1	5	20.04	20.02	19.87	21	0
1.4	64QAM	3	0	19.95	19.96	19.89		
1.4	64QAM	3	1	20.01	20.02	19.93		
1.4	64QAM	3	3	20.02	19.89	19.89		
1.4	64QAM	6	0	19.93	20.09	19.89	21	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.04	21.10	21.03		
20	QPSK	1	49	21.02	20.96	21.00	21.5	0
20	QPSK	1	99	20.93	21.00	20.97		
20	QPSK	50	0	21.00	21.04	21.02		
20	QPSK	50	24	20.97	21.02	20.90	21.5	0
20	QPSK	50	50	20.94	21.00	21.01		
20	QPSK	100	0	20.89	20.99	20.95		
20	16QAM	1	0	20.98	21.02	20.96		
20	16QAM	1	49	20.92	21.06	20.93	21.5	0
20	16QAM	1	99	20.93	21.02	21.00		
20	16QAM	50	0	20.92	21.03	20.90		
20	16QAM	50	24	20.92	20.98	20.88	21.5	0
20	16QAM	50	50	20.92	21.09	20.89		
20	16QAM	100	0	21.00	21.03	20.88		
20	64QAM	1	0	20.90	20.96	20.89		
20	64QAM	1	49	20.93	21.03	20.97	21.5	0
20	64QAM	1	99	20.97	21.07	20.96		
20	64QAM	50	0	21.01	21.09	21.02		
20	64QAM	50	24	20.89	20.96	20.99	21.5	0
20	64QAM	50	50	20.98	20.96	20.88		
20	64QAM	100	0	21.01	20.99	20.91		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.91	21.06	20.97		
15	QPSK	1	37	20.91	20.85	20.90	21.5	0
15	QPSK	1	74	20.81	20.89	20.87		
15	QPSK	36	0	20.90	20.90	21.00		
15	QPSK	36	20	20.90	21.01	20.77	21.5	0
15	QPSK	36	39	20.93	20.94	21.00		
15	QPSK	75	0	20.82	20.86	20.90		
15	16QAM	1	0	20.88	20.89	20.89		
15	16QAM	1	37	20.81	20.92	20.78	21.5	0
15	16QAM	1	74	20.92	20.90	20.87		
15	16QAM	36	0	20.81	20.99	20.83		
15	16QAM	36	20	20.85	20.95	20.78	21.5	0
15	16QAM	36	39	20.81	21.07	20.85		
15	16QAM	75	0	20.93	20.99	20.83		
15	64QAM	1	0	20.78	20.90	20.75		
15	64QAM	1	37	20.82	20.97	20.83	21.5	0
15	64QAM	1	74	20.87	21.01	20.87		
15	64QAM	36	0	20.92	21.02	20.88		
15	64QAM	36	20	20.79	20.90	20.98	21.5	0
15	64QAM	36	39	20.85	20.86	20.83		
15	64QAM	75	0	20.93	20.96	20.88		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.96	21.03	20.92		
10	QPSK	1	25	20.98	20.89	20.92	21.5	0
10	QPSK	1	49	20.88	20.94	20.92		
10	QPSK	25	0	20.94	20.95	20.89		
10	QPSK	25	12	20.96	21.01	20.78	21.5	0
10	QPSK	25	25	20.88	20.98	20.86		
10	QPSK	50	0	20.81	20.98	20.89		
10	16QAM	1	0	20.94	20.93	20.85		
10	16QAM	1	25	20.80	20.98	20.89	21.5	0
10	16QAM	1	49	20.82	20.89	20.95		
10	16QAM	25	0	20.90	20.96	20.86		
10	16QAM	25	12	20.83	20.94	20.75	21.5	0
10	16QAM	25	25	20.90	21.01	20.78		
10	16QAM	50	0	20.95	20.95	20.75		
10	64QAM	1	0	20.80	20.91	20.83		
10	64QAM	1	25	20.86	20.99	20.87	21.5	0
10	64QAM	1	49	20.92	21.01	20.82		
10	64QAM	25	0	20.90	21.04	20.98		
10	64QAM	25	12	20.84	20.87	20.91	21.5	0
10	64QAM	25	25	20.91	20.84	20.79		
10	64QAM	50	0	20.89	20.88	20.90		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.03	21.01	20.90		
5	QPSK	1	12	21.00	20.95	20.88	21.5	0
5	QPSK	1	24	20.79	20.90	20.86		
5	QPSK	12	0	20.99	20.89	20.89		
5	QPSK	12	7	20.90	20.95	20.80	21.5	0
5	QPSK	12	13	20.85	20.95	21.00		
5	QPSK	25	0	20.85	20.85	20.82		
5	16QAM	1	0	20.95	21.00	20.87		
5	16QAM	1	12	20.79	20.95	20.92	21.5	0
5	16QAM	1	24	20.80	20.91	20.97		
5	16QAM	12	0	20.88	20.96	20.81		
5	16QAM	12	7	20.82	20.91	20.76	21.5	0
5	16QAM	12	13	20.78	21.04	20.88		
5	16QAM	25	0	20.99	20.95	20.85		
5	64QAM	1	0	20.76	20.92	20.88		
5	64QAM	1	12	20.89	20.90	20.90	21.5	0
5	64QAM	1	24	20.91	20.97	20.87		
5	64QAM	12	0	20.99	20.97	20.92		
5	64QAM	12	7	20.74	20.86	20.87	21.5	0
5	64QAM	12	13	20.93	20.84	20.80		
5	64QAM	25	0	21.00	20.91	20.85		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.91	21.02	20.92		
3	QPSK	1	8	20.94	20.94	20.95	21.5	0
3	QPSK	1	14	20.83	20.86	20.93		
3	QPSK	8	0	20.93	20.99	21.00		
3	QPSK	8	4	20.84	20.88	20.83	21.5	0
3	QPSK	8	7	20.86	20.85	20.99		
3	QPSK	15	0	20.85	20.87	20.82		
3	16QAM	1	0	20.87	20.96	20.83		
3	16QAM	1	8	20.83	21.02	20.79	21.5	0
3	16QAM	1	14	20.87	20.95	20.90		
3	16QAM	8	0	20.77	20.91	20.77		
3	16QAM	8	4	20.82	20.88	20.80	21.5	0
3	16QAM	8	7	20.78	21.07	20.80		
3	16QAM	15	0	20.94	21.01	20.82		
3	64QAM	1	0	20.81	20.85	20.88		
3	64QAM	1	8	20.85	20.91	20.95	21.5	0
3	64QAM	1	14	20.84	20.96	20.82		
3	64QAM	8	0	20.95	20.97	21.01		
3	64QAM	8	4	20.85	20.81	20.98	21.5	0
3	64QAM	8	7	20.96	20.87	20.81		
3	64QAM	15	0	20.87	20.95	20.80		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.98	21.04	21.00		
1.4	QPSK	1	3	20.90	20.88	20.95		
1.4	QPSK	1	5	20.80	20.88	20.82	21.5	0
1.4	QPSK	3	0	20.94	21.01	21.00		
1.4	QPSK	3	1	20.92	21.01	20.84		
1.4	QPSK	3	3	20.92	20.90	20.94		
1.4	QPSK	6	0	20.77	20.90	20.86	21.5	0
1.4	16QAM	1	0	20.92	20.90	20.91		
1.4	16QAM	1	3	20.83	20.92	20.87		
1.4	16QAM	1	5	20.91	20.88	20.90	21.5	0
1.4	16QAM	3	0	20.84	21.02	20.89		
1.4	16QAM	3	1	20.83	20.95	20.75		
1.4	16QAM	3	3	20.90	21.05	20.82		
1.4	16QAM	6	0	20.96	20.94	20.75	21.5	0
1.4	64QAM	1	0	20.75	20.84	20.74		
1.4	64QAM	1	3	20.90	21.02	20.87		
1.4	64QAM	1	5	20.87	20.95	20.90	21.5	0
1.4	64QAM	3	0	20.98	20.97	20.89		
1.4	64QAM	3	1	20.78	20.82	20.97		
1.4	64QAM	3	3	20.88	20.91	20.74		
1.4	64QAM	6	0	20.89	20.90	20.88	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.03	21.12	21.11		
20	QPSK	1	49	21.02	21.09	21.02	21.5	0
20	QPSK	1	99	21.02	20.98	21.09		
20	QPSK	50	0	20.98	21.09	21.08		
20	QPSK	50	24	20.88	21.04	21.01	21.5	0
20	QPSK	50	50	20.87	21.08	21.07		
20	QPSK	100	0	20.97	21.06	20.99		
20	16QAM	1	0	21.00	21.03	21.10		
20	16QAM	1	49	21.02	21.01	21.10	21.5	0
20	16QAM	1	99	20.97	21.11	20.96		
20	16QAM	50	0	20.32	20.20	20.17		
20	16QAM	50	24	20.25	20.24	20.22	21	0.5
20	16QAM	50	50	20.14	20.19	20.04		
20	16QAM	100	0	20.21	20.12	20.12		
20	64QAM	1	0	20.52	20.35	20.32		
20	64QAM	1	49	20.36	20.29	20.14	21	0.5
20	64QAM	1	99	20.29	20.19	20.26		
20	64QAM	50	0	19.20	19.21	19.14		
20	64QAM	50	24	19.22	19.23	19.05	20	1.5
20	64QAM	50	50	19.21	19.16	19.07		
20	64QAM	100	0	19.17	19.21	19.14		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.91	21.03	21.03		
15	QPSK	1	37	21.00	21.08	20.89	21.5	0
15	QPSK	1	74	20.97	20.88	21.00		
15	QPSK	36	0	20.94	21.04	20.99		
15	QPSK	36	20	20.80	21.02	20.91	21.5	0
15	QPSK	36	39	20.75	21.03	20.99		
15	QPSK	75	0	20.89	20.98	20.93		
15	16QAM	1	0	20.92	20.91	21.06		
15	16QAM	1	37	20.94	20.96	20.96	21.5	0
15	16QAM	1	74	20.94	21.03	20.90		
15	16QAM	36	0	20.21	20.15	20.16		
15	16QAM	36	20	20.17	20.19	20.11	21	0.5
15	16QAM	36	39	20.12	20.16	20.00		
15	16QAM	75	0	20.17	20.01	20.03		
15	64QAM	1	0	20.38	20.24	20.17		
15	64QAM	1	37	20.34	20.24	20.00	21	0.5
15	64QAM	1	74	20.17	20.11	20.12		
15	64QAM	36	0	19.06	19.13	19.07		
15	64QAM	36	20	19.08	19.13	19.01	20	1.5
15	64QAM	36	39	19.14	19.12	19.03		
15	64QAM	75	0	19.04	19.12	19.07		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.02	20.99	21.10		
10	QPSK	1	25	20.89	21.00	20.95	21.5	0
10	QPSK	1	49	20.92	20.88	20.99		
10	QPSK	25	0	20.86	21.07	20.93		
10	QPSK	25	12	20.83	20.99	20.90	21.5	0
10	QPSK	25	25	20.72	20.95	21.02		
10	QPSK	50	0	20.87	20.93	20.95		
10	16QAM	1	0	20.86	20.93	21.03		
10	16QAM	1	25	20.95	20.99	21.08	21.5	0
10	16QAM	1	49	20.84	21.04	20.81		
10	16QAM	25	0	20.20	20.05	20.13		
10	16QAM	25	12	20.17	20.17	20.11	21	0.5
10	16QAM	25	25	20.00	20.08	19.90		
10	16QAM	50	0	20.08	20.11	20.10		
10	64QAM	1	0	20.48	20.25	20.18		
10	64QAM	1	25	20.34	20.21	20.03	21	0.5
10	64QAM	1	49	20.21	20.15	20.13		
10	64QAM	25	0	19.06	19.13	19.13		
10	64QAM	25	12	19.17	19.20	18.97	20	1.5
10	64QAM	25	25	19.10	19.01	18.99		
10	64QAM	50	0	19.07	19.16	19.03		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.94	21.03	21.03		
5	QPSK	1	12	20.96	21.04	20.88	21.5	0
5	QPSK	1	24	20.87	20.87	21.01		
5	QPSK	12	0	20.92	21.03	20.94		
5	QPSK	12	7	20.80	20.91	20.91	21.5	0
5	QPSK	12	13	20.86	21.00	21.02		
5	QPSK	25	0	20.95	21.04	20.89		
5	16QAM	1	0	20.90	20.92	21.06		
5	16QAM	1	12	20.95	20.99	20.96	21.5	0
5	16QAM	1	24	20.84	21.05	20.85		
5	16QAM	12	0	20.18	20.16	20.09		
5	16QAM	12	7	20.24	20.13	20.09	21	0.5
5	16QAM	12	13	20.08	20.06	20.00		
5	16QAM	25	0	20.13	20.04	19.97		
5	64QAM	1	0	20.47	20.34	20.31		
5	64QAM	1	12	20.31	20.27	20.00	21	0.5
5	64QAM	1	24	20.26	20.14	20.20		
5	64QAM	12	0	19.06	19.20	19.09		
5	64QAM	12	7	19.19	19.18	18.95	20	1.5
5	64QAM	12	13	19.16	19.13	18.97		
5	64QAM	25	0	19.06	19.18	19.05		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.93	21.05	21.06		
3	QPSK	1	8	20.93	21.03	20.98	21.5	0
3	QPSK	1	14	20.92	20.96	21.07		
3	QPSK	8	0	20.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.40	20.45	20.38		
10	QPSK	1	25	20.34	20.42	20.23	21.5	0
10	QPSK	1	49	20.39	20.37	20.27		
10	QPSK	25	0	20.36	20.39	20.33		
10	QPSK	25	12	20.31	20.32	20.32	21.5	0
10	QPSK	25	25	20.32	20.34	20.23		
10	QPSK	50	0	20.29	20.32	20.31		
10	16QAM	1	0	20.27	20.42	20.25		
10	16QAM	1	25	20.28	20.33	20.30	21.5	0
10	16QAM	1	49	20.28	20.33	20.33		
10	16QAM	25	0	20.39	20.32	20.37		
10	16QAM	25	12	20.38	20.38	20.31	21.5	0
10	16QAM	25	25	20.37	20.37	20.36		
10	16QAM	50	0	20.37	20.35	20.26		
10	64QAM	1	0	20.34	20.35	20.29		
10	64QAM	1	25	20.25	20.40	20.27	21.5	0
10	64QAM	1	49	20.34	20.37	20.35		
10	64QAM	25	0	20.27	20.32	20.35		
10	64QAM	25	12	20.26	20.33	20.27	21.5	0
10	64QAM	25	25	20.38	20.35	20.25		
10	64QAM	50	0	20.28	20.32	20.34		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.25	20.39	20.37		
5	QPSK	1	12	20.21	20.39	20.15	21.5	0
5	QPSK	1	24	20.35	20.26	20.26		
5	QPSK	12	0	20.23	20.31	20.27		
5	QPSK	12	7	20.21	20.26	20.24	21.5	0
5	QPSK	12	13	20.25	20.26	20.13		
5	QPSK	25	0	20.25	20.20	20.17		
5	16QAM	1	0	20.16	20.38	20.14		
5	16QAM	1	12	20.23	20.22	20.15	21.5	0
5	16QAM	1	24	20.20	20.25	20.29		
5	16QAM	12	0	20.31	20.31	20.36		
5	16QAM	12	7	20.23	20.37	20.19	21.5	0
5	16QAM	12	13	20.24	20.29	20.29		
5	16QAM	25	0	20.33	20.21	20.20		
5	64QAM	1	0	20.33	20.24	20.21		
5	64QAM	1	12	20.18	20.39	20.21	21.5	0
5	64QAM	1	24	20.27	20.25	20.31		
5	64QAM	12	0	20.22	20.22	20.33		
5	64QAM	12	7	20.24	20.24	20.19	21.5	0
5	64QAM	12	13	20.34	20.20	20.14		
5	64QAM	25	0	20.17	20.28	20.23		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.29	20.32	20.34		
3	QPSK	1	8	20.33	20.35	20.15	21.5	0
3	QPSK	1	14	20.38	20.29	20.26		
3	QPSK	8	0	20.29	20.28	20.19		
3	QPSK	8	4	20.19	20.30	20.20	21.5	0
3	QPSK	8	7	20.28	20.26	20.09		
3	QPSK	15	0	20.17	20.19	20.29		
3	16QAM	1	0	20.26	20.41	20.24		
3	16QAM	1	8	20.27	20.28	20.22	21.5	0
3	16QAM	1	14	20.19	20.26	20.18		
3	16QAM	8	0	20.30	20.19	20.26		
3	16QAM	8	4	20.26	20.34	20.25	21.5	0
3	16QAM	8	7	20.25	20.36	20.29		
3	16QAM	15	0	20.29	20.24	20.25		
3	64QAM	1	0	20.29	20.29	20.15		
3	64QAM	1	8	20.10	20.35	20.12	21.5	0
3	64QAM	1	14	20.21	20.29	20.22		
3	64QAM	8	0	20.12	20.24	20.30		
3	64QAM	8	4	20.19	20.32	20.22	21.5	0
3	64QAM	8	7	20.32	20.23	20.11		
3	64QAM	15	0	20.15	20.31	20.26		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.28	20.36	20.34		
1.4	QPSK	1	3	20.20	20.35	20.08		
1.4	QPSK	1	5	20.24	20.26	20.13	21.5	0
1.4	QPSK	3	0	20.31	20.37	20.20		
1.4	QPSK	3	1	20.23	20.29	20.28		
1.4	QPSK	3	3	20.26	20.21	20.15		
1.4	QPSK	6	0	20.19	20.31	20.19	21.5	0
1.4	16QAM	1	0	20.17	20.35	20.22		
1.4	16QAM	1	3	20.26	20.32	20.23		
1.4	16QAM	1	5	20.15	20.22	20.30	21.5	0
1.4	16QAM	3	0	20.32	20.29	20.24		
1.4	16QAM	3	1	20.27	20.31	20.21		
1.4	16QAM	3	3	20.33	20.31	20.21		
1.4	16QAM	6	0	20.25	20.34	20.22	21.5	0
1.4	64QAM	1	0	20.19	20.27	20.28		
1.4	64QAM	1	3	20.21	20.39	20.18		
1.4	64QAM	1	5	20.22	20.33	20.25	21.5	0
1.4	64QAM	3	0	20.15	20.29	20.29		
1.4	64QAM	3	1	20.11	20.21	20.17		
1.4	64QAM	3	3	20.24	20.24	20.24		
1.4	64QAM	6	0	20.25	20.24	20.28	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.42	20.46	20.43		
10	QPSK	1	25	20.34	20.33	20.42	20.5	0
10	QPSK	1	49	20.35	20.32	20.31		
10	QPSK	25	0	20.40	20.45	20.41		
10	QPSK	25	12	20.32	20.31	20.29	20.5	0
10	QPSK	25	25	20.37	20.32	20.36		
10	QPSK	50	0	20.31	20.42	20.31		
10	16QAM	1	0	20.41	20.43	20.42		
10	16QAM	1	25	20.39	20.33	20.33	20.5	0
10	16QAM	1	49	20.36	20.43	20.39		
10	16QAM	25	0	20.36	20.32	20.42		
10	16QAM	25	12	20.37	20.42	20.37	20.5	0
10	16QAM	25	25	20.41	20.44	20.41		
10	16QAM	50	0	20.30	20.35	20.29		
10	64QAM	1	0	20.28	20.37	20.30		
10	64QAM	1	25	20.35	20.32	20.42	20.5	0
10	64QAM	1	49	20.31	20.45	20.37		
10	64QAM	25	0	20.41	20.38	20.33		
10	64QAM	25	12	20.38	20.40	20.32	20.5	0
10	64QAM	25	25	20.38	20.31	20.38		
10	64QAM	50	0	20.30	20.43	20.34		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.31	20.31	20.40		
5	QPSK	1	12	20.22	20.20	20.36	20.5	0
5	QPSK	1	24	20.30	20.29	20.18		
5	QPSK	12	0	20.31	20.34	20.29		
5	QPSK	12	7	20.24	20.24	20.18	20.5	0
5	QPSK	12	13	20.23	20.27	20.31		
5	QPSK	25	0	20.21	20.31	20.21		
5	16QAM	1	0	20.28	20.32	20.29		
5	16QAM	1	12	20.38	20.20	20.29	20.5	0
5	16QAM	1	24	20.25	20.28	20.24		
5	16QAM	12	0	20.25	20.30	20.32		
5	16QAM	12	7	20.33	20.29	20.33	20.5	0
5	16QAM	12	13	20.37	20.39	20.39		
5	16QAM	25	0	20.22	20.27	20.16		
5	64QAM	1	0	20.19	20.29	20.16		
5	64QAM	1	12	20.32	20.19	20.34	20.5	0
5	64QAM	1	24	20.22	20.44	20.35		
5	64QAM	12	0	20.38	20.37	20.27		
5	64QAM	12	7	20.27	20.26	20.18	20.5	0
5	64QAM	12	13	20.31	20.22	20.36		
5	64QAM	25	0	20.28	20.36	20.33		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.37	20.34	20.34		
3	QPSK	1	8	20.23	20.25	20.34	20.5	0
3	QPSK	1	14	20.32	20.20	20.18		
3	QPSK	8	0	20.28	20.43	20.29		
3	QPSK	8	4	20.24	20.23	20.16	20.5	0
3	QPSK	8	7	20.25	20.17	20.29		
3	QPSK	15	0	20.20	20.40	20.30		
3	16QAM	1	0	20.39	20.30	20.30		
3	16QAM	1	8	20.34	20.29	20.18	20.5	0
3	16QAM	1	14	20.24	20.28	20.25		
3	16QAM	8	0	20.33	20.24	20.40		
3	16QAM	8	4	20.35	20.40	20.27	20.5	0
3	16QAM	8	7	20.29	20.41	20.33		
3	16QAM	15	0	20.21	20.32	20.15		
3	64QAM	1	0	20.15	20.24	20.16		
3	64QAM	1	8	20.24	20.19	20.37	20.5	0
3	64QAM	1	14	20.30	20.43	20.34		
3	64QAM	8	0	20.29	20.37	20.24		
3	64QAM	8	4	20.36	20.31	20.24	20.5	0
3	64QAM	8	7	20.36	20.22	20.28		
3	64QAM	15	0	20.29	20.33	20.25		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.29	20.36	20.37		
1.4	QPSK	1	3	20.26	20.28	20.28		
1.4	QPSK	1	5	20.31	20.30	20.24	20.5	0
1.4	QPSK	3	0	20.36	20.42	20.32		
1.4	QPSK	3	1	20.19	20.20	20.25		
1.4	QPSK	3	3	20.31	20.28	20.35		
1.4	QPSK	6	0	20.17	20.38	20.25	20.5	0
1.4	16QAM	1	0	20.29	20.41	20.29		
1.4	16QAM	1	3	20.30	20.22	20.32		
1.4	16QAM	1	5	20.32	20.37	20.27	20.5	0
1.4	16QAM	3	0	20.30	20.29	20.32		
1.4	16QAM	3	1	20.31	20.32	20.32		
1.4	16QAM	3	3	20.37	20.36	20.31		
1.4	16QAM	6	0	20.24	20.25	20.15	20.5	0
1.4	64QAM	1	0	20.25	20.28	20.24		
1.4	64QAM	1	3	20.34	20.30	20.40		
1.4	64QAM	1	5	20.19	20.43	20.26	20.5	0
1.4	64QAM	3	0	20.35	20.28	20.23		
1.4	64QAM	3	1	20.34	20.30	20.17		
1.4	64QAM	3	3	20.23	20.25	20.24		
1.4	64QAM	6	0	20.19	20.30	20.27	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.95	20.03	19.96		
20	QPSK	1	49	19.85	20.01	19.91	20.5	0
20	QPSK	1	99	19.83	19.95	19.90		
20	QPSK	50	0	19.94	19.96	19.95		
20	QPSK	50	24	19.91	19.88	19.85	20.5	0
20	QPSK	50	50	19.82	19.92	19.85		
20	QPSK	100	0	19.85	19.92	19.87		
20	16QAM	1	0	19.80	20.01	19.86		
20	16QAM	1	49	19.87	19.88	19.84	20.5	0
20	16QAM	1	99	19.94	19.88	19.89		
20	16QAM	50	0	19.82	19.92	19.87		
20	16QAM	50	24	19.90	19.90	19.88	20.5	0
20	16QAM	50	50	19.84	19.92	19.94		
20	16QAM	100	0	19.86	19.98	19.90		
20	64QAM	1	0	19.88	19.96	19.86		
20	64QAM	1	49	19.83	19.90	19.81	20.5	0
20	64QAM	1	99	19.89	20.00	19.81		
20	64QAM	50	0	19.85	19.96	19.92		
20	64QAM	50	24	19.81	19.88	19.82	20.5	0
20	64QAM	50	50	19.89	19.90	19.91		
20	64QAM	100	0	19.93	20.01	19.82		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.84	19.97	19.92		
15	QPSK	1	37	19.70	19.91	19.79	20.5	0
15	QPSK	1	74	19.82	19.86	19.75		
15	QPSK	36	0	19.91	19.85	19.89		
15	QPSK	36	20	19.77	19.85	19.83	20.5	0
15	QPSK	36	39	19.74	19.83	19.70		
15	QPSK	75	0	19.75	19.88	19.84		
15	16QAM	1	0	19.70	19.93	19.72		
15	16QAM	1	37	19.78	19.81	19.79	20.5	0
15	16QAM	1	74	19.93	19.87	19.74		
15	16QAM	36	0	19.74	19.78	19.72		
15	16QAM	36	20	19.87	19.79	19.82	20.5	0
15	16QAM	36	39	19.70	19.86	19.80		
15	16QAM	75	0	19.71	19.88	19.76		
15	64QAM	1	0	19.75	19.90	19.81		
15	64QAM	1	37	19.82	19.81	19.68	20.5	0
15	64QAM	1	74	19.85	19.94	19.73		
15	64QAM	36	0	19.83	19.81	19.83		
15	64QAM	36	20	19.75	19.76	19.70	20.5	0
15	64QAM	36	39	19.74	19.82	19.83		
15	64QAM	75	0	19.81	19.99	19.78		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.90	19.99	19.88		
10	QPSK	1	25	19.80	19.91	19.88	20.5	0
10	QPSK	1	49	19.75	19.94	19.84		
10	QPSK	25	0	19.80	19.95	19.82		
10	QPSK	25	12	19.85	19.81	19.74	20.5	0
10	QPSK	25	25	19.77	19.78	19.70		
10	QPSK	50	0	19.79	19.91	19.78		
10	16QAM	1	0	19.74	19.88	19.72		
10	16QAM	1	25	19.73	19.78	19.71	20.5	0
10	16QAM	1	49	19.79	19.73	19.77		
10	16QAM	25	0	19.79	19.89	19.72		
10	16QAM	25	12	19.88	19.83	19.80	20.5	0
10	16QAM	25	25	19.76	19.84	19.89		
10	16QAM	50	0	19.81	19.94	19.83		
10	64QAM	1	0	19.80	19.89	19.76		
10	64QAM	1	25	19.77	19.86	19.70	20.5	0
10	64QAM	1	49	19.84	19.96	19.78		
10	64QAM	25	0	19.76	19.84	19.80		
10	64QAM	25	12	19.73	19.75	19.71	20.5	0
10	64QAM	25	25	19.75	19.81	19.79		
10	64QAM	50	0	19.88	19.97	19.75		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.92	19.94	19.85		
5	QPSK	1	12	19.75	19.94	19.87	20.5	0
5	QPSK	1	24	19.75	19.84	19.83		
5	QPSK	12	0	19.90	19.81	19.92		
5	QPSK	12	7	19.89	19.83	19.83	20.5	0
5	QPSK	12	13	19.73	19.90	19.81		
5	QPSK	25	0	19.83	19.87	19.82		
5	16QAM	1	0	19.73	19.89	19.76		
5	16QAM	1	12	19.80	19.82	19.78	20.5	0
5	16QAM	1	24	19.87	19.87	19.76		
5	16QAM	12	0	19.78	19.82	19.84		
5	16QAM	12	7	19.84	19.83	19.76	20.5	0
5	16QAM	12	13	19.76	19.91	19.91		
5	16QAM	25	0	19.84	19.91	19.77		
5	64QAM	1	0	19.83	19.87	19.82		
5	64QAM	1	12	19.82	19.83	19.71	20.5	0
5	64QAM	1	24	19.86	19.88	19.73		
5	64QAM	12	0	19.70	19.85	19.84		
5	64QAM	12	7	19.80	19.82	19.67	20.5	0
5	64QAM	12	13	19.85	19.82	19.90		
5	64QAM	25	0	19.91	19.96	19.68		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.01	21.10	21.07		
20	QPSK	1	49	20.87	21.03	20.98	21.5	0
20	QPSK	1	99	21.00	21.00	20.97		
20	QPSK	50	0	20.96	21.06	21.05		
20	QPSK	50	24	20.88	21.02	20.97	21.5	0
20	QPSK	50	50	20.92	21.01	20.94		
20	QPSK	100	0	20.97	21.04	20.95		
20	16QAM	1	0	20.99	21.00	21.04		
20	16QAM	1	49	20.93	21.04	21.01	21.5	0
20	16QAM	1	99	20.88	21.09	20.96		
20	16QAM	50	0	20.87	21.00	20.94		
20	16QAM	50	24	20.87	21.04	20.94	21.5	0
20	16QAM	50	50	20.93	20.95	21.00		
20	16QAM	100	0	20.94	21.05	20.92		
20	64QAM	1	0	20.89	21.04	20.96		
20	64QAM	1	49	20.93	21.01	21.04	21.5	0
20	64QAM	1	99	20.92	21.08	20.95		
20	64QAM	50	0	20.95	20.99	20.93		
20	64QAM	50	24	20.91	21.08	20.92	21.5	0
20	64QAM	50	50	20.96	20.99	20.95		
20	64QAM	100	0	20.87	21.04	21.02		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.90	20.98	20.94		
15	QPSK	1	37	20.81	20.89	20.93	21.5	0
15	QPSK	1	74	20.87	20.87	20.86		
15	QPSK	36	0	20.83	20.97	21.00		
15	QPSK	36	20	20.79	20.92	20.93	21.5	0
15	QPSK	36	39	20.91	21.00	20.89		
15	QPSK	75	0	20.87	20.91	20.87		
15	16QAM	1	0	20.91	20.98	20.98		
15	16QAM	1	37	20.92	20.89	20.93	21.5	0
15	16QAM	1	74	20.85	21.00	20.82		
15	16QAM	36	0	20.80	20.86	20.85		
15	16QAM	36	20	20.80	20.93	20.80	21.5	0
15	16QAM	36	39	20.79	20.94	20.85		
15	16QAM	75	0	20.81	20.96	20.78		
15	64QAM	1	0	20.80	20.92	20.87		
15	64QAM	1	37	20.83	20.86	20.98	21.5	0
15	64QAM	1	74	20.84	21.07	20.92		
15	64QAM	36	0	20.81	20.94	20.89		
15	64QAM	36	20	20.81	21.07	20.88	21.5	0
15	64QAM	36	39	20.81	20.86	20.94		
15	64QAM	75	0	20.84	20.97	21.01		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.97	21.09	21.02		
10	QPSK	1	25	20.84	20.96	20.89	21.5	0
10	QPSK	1	49	20.90	20.92	20.90		
10	QPSK	25	0	20.87	21.05	21.03		
10	QPSK	25	12	20.78	20.98	20.90	21.5	0
10	QPSK	25	25	20.88	20.93	20.88		
10	QPSK	50	0	20.88	20.98	20.86		
10	16QAM	1	0	20.98	20.98	20.91		
10	16QAM	1	25	20.90	20.99	20.99	21.5	0
10	16QAM	1	49	20.75	20.97	20.89		
10	16QAM	25	0	20.74	20.98	20.90		
10	16QAM	25	12	20.84	20.99	20.85	21.5	0
10	16QAM	25	25	20.89	20.91	20.93		
10	16QAM	50	0	20.88	21.01	20.85		
10	64QAM	1	0	20.79	20.91	20.85		
10	64QAM	1	25	20.85	20.92	20.97	21.5	0
10	64QAM	1	49	20.86	20.96	20.90		
10	64QAM	25	0	20.86	20.89	20.87		
10	64QAM	25	12	20.80	21.06	20.84	21.5	0
10	64QAM	25	25	20.85	20.96	20.83		
10	64QAM	50	0	20.82	21.02	20.97		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.87	21.08	20.97		
5	QPSK	1	12	20.78	21.01	20.83	21.5	0
5	QPSK	1	24	20.88	20.85	20.91		
5	QPSK	12	0	20.93	20.96	20.98		
5	QPSK	12	7	20.81	21.00	20.96	21.5	0
5	QPSK	12	13	20.78	20.94	20.82		
5	QPSK	25	0	20.91	20.99	20.81		
5	16QAM	1	0	20.90	20.86	20.93		
5	16QAM	1	12	20.83	20.98	20.99	21.5	0
5	16QAM	1	24	20.85	21.05	20.81		
5	16QAM	12	0	20.86	20.94	20.85		
5	16QAM	12	7	20.77	20.93	20.79	21.5	0
5	16QAM	12	13	20.80	20.87	20.97		
5	16QAM	25	0	20.88	21.04	20.87		
5	64QAM	1	0	20.77	20.97	20.95		
5	64QAM	1	12	20.80	20.98	20.96	21.5	0
5	64QAM	1	24	20.86	20.94	20.93		
5	64QAM	12	0	20.84	20.95	20.90		
5	64QAM	12	7	20.79	21.06	20.82	21.5	0
5	64QAM	12	13	20.93	20.86	20.86		
5	64QAM	25	0	20.83	20.94	20.97		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.43	20.45	20.42		
20	QPSK	1	49	20.34	20.35	20.30	22	0
20	QPSK	1	99	20.40	20.37	20.33		
20	QPSK	50	0	20.39	20.43	20.39		
20	QPSK	50	24	20.33	20.33	20.27	22	0
20	QPSK	50	50	20.31	20.31	20.36		
20	QPSK	100	0	20.30	20.36	20.29		
20	16QAM	1	0	20.29	20.37	20.33		
20	16QAM	1	49	20.38	20.35	20.39	22	0
20	16QAM	1	99	20.41	20.37	20.34		
20	16QAM	50	0	19.80	19.70	19.78		
20	16QAM	50	24	19.68	19.86	19.71	21	1
20	16QAM	50	50	19.75	19.90	19.74		
20	16QAM	100	0	19.68	19.79	19.61		
20	64QAM	1	0	19.12	19.26	19.16		
20	64QAM	1	49	19.37	19.39	19.37	21	1
20	64QAM	1	99	19.32	19.52	19.33		
20	64QAM	50	0	18.68	18.82	18.69		
20	64QAM	50	24	18.66	18.76	18.87	20	2
20	64QAM	50	50	18.72	18.84	18.79		
20	64QAM	100	0	18.71	18.75	18.83		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.39	20.34	20.31		
15	QPSK	1	37	20.19	20.21	20.27	22	0
15	QPSK	1	74	20.34	20.32	20.32		
15	QPSK	36	0	20.27	20.28	20.34		
15	QPSK	36	20	20.28	20.29	20.21	22	0
15	QPSK	36	39	20.24	20.30	20.24		
15	QPSK	75	0	20.21	20.23	20.24		
15	16QAM	1	0	20.27	20.24	20.27		
15	16QAM	1	37	20.25	20.42	20.43	22	0
15	16QAM	1	74	20.33	20.43	20.28		
15	16QAM	36	0	19.70	19.61	19.77		
15	16QAM	36	20	19.57	19.81	19.68	21	1
15	16QAM	36	39	19.68	19.82	19.66		
15	16QAM	75	0	19.53	19.76	19.50		
15	64QAM	1	0	19.03	19.25	19.10		
15	64QAM	1	37	19.28	19.33	19.33	21	1
15	64QAM	1	74	19.19	19.39	19.32		
15	64QAM	36	0	18.63	18.68	18.68		
15	64QAM	36	20	18.53	18.66	18.75	20	2
15	64QAM	36	39	18.66	18.76	18.77		
15	64QAM	75	0	18.59	18.60	18.69		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.30	20.39	20.28		
10	QPSK	1	25	20.23	20.27	20.28	22	0
10	QPSK	1	49	20.33	20.33	20.26		
10	QPSK	25	0	20.32	20.29	20.29		
10	QPSK	25	12	20.28	20.18	20.26	22	0
10	QPSK	25	25	20.22	20.28	20.32		
10	QPSK	50	0	20.17	20.32	20.16		
10	16QAM	1	0	20.26	20.29	20.27		
10	16QAM	1	25	20.30	20.36	20.38	22	0
10	16QAM	1	49	20.31	20.41	20.31		
10	16QAM	25	0	19.76	19.61	19.69		
10	16QAM	25	12	19.64	19.73	19.61	21	1
10	16QAM	25	25	19.66	19.80	19.60		
10	16QAM	50	0	19.61	19.68	19.52		
10	64QAM	1	0	19.08	19.19	19.02		
10	64QAM	1	25	19.34	19.29	19.35	21	1
10	64QAM	1	49	19.23	19.43	19.23		
10	64QAM	25	0	18.62	18.68	18.61		
10	64QAM	25	12	18.61	18.73	18.76	20	2
10	64QAM	25	25	18.68	18.75	18.69		
10	64QAM	50	0	18.66	18.72	18.81		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.28	20.44	20.33		
5	QPSK	1	12	20.31	20.31	20.24	22	0
5	QPSK	1	24	20.35	20.25	20.19		
5	QPSK	12	0	20.29	20.34	20.36		
5	QPSK	12	7	20.23	20.18	20.26	22	0
5	QPSK	12	13	20.30	20.21	20.28		
5	QPSK	25	0	20.16	20.24	20.19		
5	16QAM	1	0	20.22	20.35	20.24		
5	16QAM	1	12	20.27	20.43	20.35	22	0
5	16QAM	1	24	20.27	20.42	20.28		
5	16QAM	12	0	19.66	19.61	19.74		
5	16QAM	12	7	19.53	19.84	19.60	21	1
5	16QAM	12	13	19.68	19.87	19.65		
5	16QAM	25	0	19.59	19.74	19.54		
5	64QAM	1	0	19.11	19.20	19.09		
5	64QAM	1	12	19.22	19.30	19.36	21	1
5	64QAM	1	24	19.24	19.43	19.31		
5	64QAM	12	0	18.55	18.70	18.57		
5	64QAM	12	7	18.53	18.62	18.77	20	2
5	64QAM	12	13	18.58	18.70	18.72		
5	64QAM	25	0	18.56	18.62	18.72		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.03	21.05	21.01		
10	QPSK	1	25	20.91	21.02	20.93	22	0
10	QPSK	1	49	21.01	20.91	20.91		
10	QPSK	25	0	20.99	21.00	20.93		
10	QPSK	25	12	20.88	20.97	20.90	22	0
10	QPSK	25	25	20.90	20.93	20.85		
10	QPSK	50	0	20.91	20.96	20.92		
10	16QAM	1	0	21.00	20.98	20.94		
10	16QAM	1	25	20.99	20.93	20.89	22	0
10	16QAM	1	49	20.94	20.91	20.99		
10	16QAM	25	0	20.92	21.00	20.87		
10	16QAM	25	12	20.97	20.91	20.92	22	0
10	16QAM	25	25	20.97	21.03	20.95		
10	16QAM	50	0	20.96	20.90	20.95		
10	64QAM	1	0	20.89	20.99	21.00		
10	64QAM	1	25	20.92	20.96	20.92	22	0
10	64QAM	1	49	21.02	20.95	20.87		
10	64QAM	25	0	20.70	20.78	20.74		
10	64QAM	25	12	20.73	20.79	20.75	22	0
10	64QAM	25	25	20.68	20.83	20.81		
10	64QAM	50	0	20.71	20.91	20.70		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.00	20.94	20.97		
5	QPSK	1	12	20.88	21.00	20.82	22	0
5	QPSK	1	24	20.92	20.90	20.83		
5	QPSK	12	0	20.89	20.92	20.91		
5	QPSK	12	7	20.81	20.86	20.87	22	0
5	QPSK	12	13	20.79	20.80	20.77		
5	QPSK	25	0	20.81	20.89	20.79		
5	16QAM	1	0	20.85	20.95	20.82		
5	16QAM	1	12	20.89	20.78	20.77	22	0
5	16QAM	1	24	20.86	20.82	20.92		
5	16QAM	12	0	20.85	20.90	20.86		
5	16QAM	12	7	20.82	20.85	20.89	22	0
5	16QAM	12	13	20.86	20.91	20.80		
5	16QAM	25	0	20.91	20.79	20.83		
5	64QAM	1	0	20.81	20.88	20.97		
5	64QAM	1	12	20.91	20.90	20.81	22	0
5	64QAM	1	24	20.97	20.86	20.85		
5	64QAM	12	0	20.55	20.73	20.66		
5	64QAM	12	7	20.60	20.74	20.67	22	0
5	64QAM	12	13	20.53	20.75	20.78		
5	64QAM	25	0	20.57	20.81	20.60		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	20.93	20.94	20.94		
3	QPSK	1	8	20.79	20.95	20.79	22	0
3	QPSK	1	14	20.90	20.83	20.88		
3	QPSK	8	0	20.85	20.91	20.92		
3	QPSK	8	4	20.84	20.91	20.89	22	0
3	QPSK	8	7	20.84	20.78	20.77		
3	QPSK	15	0	20.84	20.93	20.85		
3	16QAM	1	0	20.95	20.94	20.80		
3	16QAM	1	8	20.91	20.85	20.84	22	0
3	16QAM	1	14	20.83	20.87	20.90		
3	16QAM	8	0	20.83	20.93	20.85		
3	16QAM	8	4	20.90	20.88	20.84	22	0
3	16QAM	8	7	20.88	21.01	20.88		
3	16QAM	15	0	20.94	20.89	20.90		
3	64QAM	1	0	20.77	20.91	20.95		
3	64QAM	1	8	20.86	20.94	20.88	22	0
3	64QAM	1	14	20.93	20.80	20.74		
3	64QAM	8	0	20.68	20.71	20.66		
3	64QAM	8	4	20.69	20.73	20.72	22	0
3	64QAM	8	7	20.59	20.82	20.69		
3	64QAM	15	0	20.65	20.82	20.67		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	20.97	21.04	20.97		
1.4	QPSK	1	3	20.85	20.90	20.85		
1.4	QPSK	1	5	20.95	20.79	20.84	22	0
1.4	QPSK	3	0	20.84	20.93	20.78		
1.4	QPSK	3	1	20.76	20.90	20.75		
1.4	QPSK	3	3	20.82	20.84	20.72		
1.4	QPSK	6	0	20.84	20.81	20.90	22	0
1.4	16QAM	1	0	20.87	20.93	20.89		
1.4	16QAM	1	3	20.97	20.90	20.87		
1.4	16QAM	1	5	20.90	20.80	20.95	22	0
1.4	16QAM	3	0	20.84	20.88	20.74		
1.4	16QAM	3	1	20.84	20.82	20.90		
1.4	16QAM	3	3	20.88	20.95	20.82		
1.4	16QAM	6	0	20.85	20.77	20.81	22	0
1.4	64QAM	1	0	20.82	20.86	20.92		
1.4	64QAM	1	3	20.90	20.85	20.91		
1.4	64QAM	1	5	20.90	20.92	20.79	22	0
1.4	64QAM	3	0	20.66	20.75	20.66		
1.4	64QAM	3	1	20.61	20.73	20.61		
1.4	64QAM	3	3	20.54	20.77	20.68		
1.4	64QAM	6	0	20.69	20.90	20.58	22	0

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.38	21.43	21.37		
10	QPSK	1	25	21.23	21.30	21.35	22	0
10	QPSK	1	49	21.25	21.36	21.26		
10	QPSK	25	0	21.35	21.40	21.36		
10	QPSK	25	12	21.21	21.31	21.33	22	0
10	QPSK	25	25	21.26	21.37	21.24		
10	QPSK	50	0	21.20	21.33	21.24		
10	16QAM	1	0	21.20	21.32	21.26		
10	16QAM	1	25	21.32	21.37	21.27	22	0
10	16QAM	1	49	21.22	21.32	21.31		
10	16QAM	25	0	21.09	21.09	21.06		
10	16QAM	25	12	21.08	21.10	21.06	22	0
10	16QAM	25	25	21.16	21.15	21.10		
10	16QAM	50	0	21.05	21.10	21.06		
10	64QAM	1	0	21.08	21.26	21.03		
10	64QAM	1	25	21.06	21.15	21.19	22	0
10	64QAM	1	49	21.30	21.37	21.19		
10	64QAM	25	0	19.95	20.08	19.96		
10	64QAM	25	12	19.92	20.06	20.07	21	1
10	64QAM	25	25	20.01	20.13	19.91		
10	64QAM	50	0	19.97	20.18	20.06		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.31	21.28	21.36		
5	QPSK	1	12	21.11	21.28	21.20	22	0
5	QPSK	1	24	21.12	21.22	21.23		
5	QPSK	12	0	21.26	21.33	21.35		
5	QPSK	12	7	21.16	21.25	21.18	22	0
5	QPSK	12	13	21.13	21.29	21.17		
5	QPSK	25	0	21.17	21.23	21.20		
5	16QAM	1	0	21.11	21.28	21.11		
5	16QAM	1	12	21.27	21.22	21.12	22	0
5	16QAM	1	24	21.12	21.22	21.23		
5	16QAM	12	0	21.05	21.08	21.02		
5	16QAM	12	7	21.05	21.04	20.96	22	0
5	16QAM	12	13	21.07	21.09	21.07		
5	16QAM	25	0	20.94	21.07	21.00		
5	64QAM	1	0	20.97	21.18	20.90		
5	64QAM	1	12	21.01	21.14	21.16	22	0
5	64QAM	1	24	21.24	21.32	21.14		
5	64QAM	12	0	19.87	20.05	19.90		
5	64QAM	12	7	19.81	19.96	20.06	21	1
5	64QAM	12	13	19.90	19.98	19.90		
5	64QAM	25	0	19.95	20.11	19.98		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.37	21.30	21.26		
3	QPSK	1	8	21.10	21.15	21.28	22	0
3	QPSK	1	14	21.16	21.35	21.17		
3	QPSK	8	0	21.23	21.26	21.35		
3	QPSK	8	4	21.18	21.20	21.21	22	0
3	QPSK	8	7	21.14	21.34	21.10		
3	QPSK	15	0	21.17	21.32	21.17		
3	16QAM	1	0	21.08	21.18	21.25		
3	16QAM	1	8	21.20	21.34	21.24	22	0
3	16QAM	1	14	21.09	21.20	21.16		
3	16QAM	8	0	20.98	21.03	20.91		
3	16QAM	8	4	21.07	21.07	20.97	22	0
3	16QAM	8	7	21.11	21.07	21.06		
3	16QAM	15	0	21.00	20.97	21.00		
3	64QAM	1	0	21.06	21.21	20.94		
3	64QAM	1	8	20.95	21.00	21.10	22	0
3	64QAM	1	14	21.26	21.26	21.11		
3	64QAM	8	0	19.82	19.93	19.91		
3	64QAM	8	4	19.86	19.92	19.99	21	1
3	64QAM	8	7	19.99	20.11	19.87		
3	64QAM	15	0	19.88	20.07	19.91		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.37	21.30	21.34		
1.4	QPSK	1	3	21.15	21.15	21.26		
1.4	QPSK	1	5	21.23	21.27	21.16	22	0
1.4	QPSK	3	0	21.20	21.39	21.25		
1.4	QPSK	3	1	21.12	21.25	21.18		
1.4	QPSK	3	3	21.12	21.32	21.10		
1.4	QPSK	6	0	21.10	21.29	21.15	22	0
1.4	16QAM	1	0	21.09	21.28	21.12		
1.4	16QAM	1	3	21.24	21.36	21.21		
1.4	16QAM	1	5	21.21	21.30	21.17	22	0
1.4	16QAM	3	0	21.05	20.94	20.93		
1.4	16QAM	3	1	21.05	20.96	20.94		
1.4	16QAM	3	3	21.04	21.06	20.98		
1.4	16QAM	6	0	20.95	20.98	21.00	22	0
1.4	64QAM	1	0	21.02	21.15	20.97		
1.4	64QAM	1	3	20.96	21.01	21.13		
1.4	64QAM	1	5	21.24	21.26	21.15	22	0
1.4	64QAM	3	0	21.01	21.00	20.84		
1.4	64QAM	3	1	20.82	20.98	20.99		
1.4	64QAM	3	3	21.21	21.25	21.07		
1.4	64QAM	6	0	19.85	20.14	19.98	21	1

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		20.89			
10	QPSK	1	25		20.74		21.8	0
10	QPSK	1	49		20.74			
10	QPSK	25	0		20.82			
10	QPSK	25	12		20.81		21.8	0
10	QPSK	25	25		20.72			
10	QPSK	50	0		20.80			
10	16QAM	1	0		20.80			
10	16QAM	1	25		20.65		21.8	0
10	16QAM	1	49		20.65			
10	16QAM	25	0		20.75			
10	16QAM	25	12		20.71		21.8	0
10	16QAM	25	25		20.68			
10	16QAM	50	0		20.79			
10	64QAM	1	0		20.75			
10	64QAM	1	25		20.62		21.8	0
10	64QAM	1	49		20.79			
10	64QAM	25	0		19.62			
10	64QAM	25	12		19.62		20.8	1
10	64QAM	25	25		19.67			
10	64QAM	50	0		19.61			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	20.88	20.84	20.85		
5	QPSK	1	12	20.63	20.72	20.73	21.8	0
5	QPSK	1	24	20.59	20.71	20.62		
5	QPSK	12	0	20.72	20.68	20.67		
5	QPSK	12	7	20.76	20.69	20.75	21.8	0
5	QPSK	12	13	20.57	20.71	20.57		
5	QPSK	25	0	20.77	20.70	20.77		
5	16QAM	1	0	20.74	20.71	20.74		
5	16QAM	1	12	20.59	20.56	20.61	21.8	0
5	16QAM	1	24	20.57	20.59	20.53		
5	16QAM	12	0	20.71	20.61	20.68		
5	16QAM	12	7	20.56	20.63	20.68	21.8	0
5	16QAM	12	13	20.55	20.64	20.60		
5	16QAM	25	0	20.64	20.76	20.72		
5	64QAM	1	0	20.71	20.70	20.62		
5	64QAM	1	12	20.47	20.50	20.53	21.8	0
5	64QAM	1	24	20.75	20.77	20.78		
5	64QAM	12	0	19.61	19.56	19.49		
5	64QAM	12	7	19.61	19.53	19.50	20.8	1
5	64QAM	12	13	19.63	19.54	19.61		
5	64QAM	25	0	19.57	19.51	19.53		

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		21.89			
10	QPSK	1	25		21.77		22.8	0
10	QPSK	1	49		21.77			
10	QPSK	25	0		20.85			
10	QPSK	25	12		20.81		21.8	1
10	QPSK	25	25		20.79			
10	QPSK	50	0		20.80			
10	16QAM	1	0		21.15			
10	16QAM	1	25		21.12		21.8	1
10	16QAM	1	49		21.12			
10	16QAM	25	0		19.87			
10	16QAM	25	12		19.82		20.8	2
10	16QAM	25	25		19.80			
10	16QAM	50	0		19.82			
10	64QAM	1	0		20.08			
10	64QAM	1	25		20.00		20.8	2
10	64QAM	1	49		19.95			
10	64QAM	25	0		18.83			
10	64QAM	25	12		18.81		19.8	3
10	64QAM	25	25		18.79			
10	64QAM	50	0		18.78			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.80	21.81	21.74		
5	QPSK	1	12	21.66	21.68	21.65	22.8	0
5	QPSK	1	24	21.64	21.65	21.67		
5	QPSK	12	0	20.84	20.73	20.82		
5	QPSK	12	7	20.78	20.72	20.79	21.8	1
5	QPSK	12	13	20.69	20.74	20.75		
5	QPSK	25	0	20.78	20.71	20.67		
5	16QAM	1	0	21.06	21.06	21.00		
5	16QAM	1	12	20.99	20.98	21.02	21.8	1
5	16QAM	1	24	21.07	21.10	21.08		
5	16QAM	12	0	19.81	19.78	19.74		
5	16QAM	12	7	19.80	19.77	19.76	20.8	2
5	16QAM	12	13	19.66	19.67	19.71		
5	16QAM	25	0	19.71	19.70	19.79		
5	64QAM	1	0	20.02	19.94	19.95		
5	64QAM	1	12	19.98	19.90	19.85	20.8	2
5	64QAM	1	24	19.92	19.81	19.93		
5	64QAM	12	0	18.77	18.76	18.73		
5	64QAM	12	7	18.66	18.79	18.66	19.8	3
5	64QAM	12	13	18.66	18.73	18.66		
5	64QAM	25	0	18.72	18.73	18.68		

Band 17_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.01	21.02	20.98		
10	QPSK	1	25	20.89	20.92	20.86	22	0
10	QPSK	1	49	20.87	20.92	20.92		
10	QPSK	25	0	20.96	20.97	20.96		
10	QPSK	25	12	20.95	20.86	20.91	22	0
10	QPSK	25	25	20.91	20.96	20.89		
10	QPSK	50	0	20.86	20.90	20.87		
10	16QAM	1	0	20.92	20.89	20.96		
10	16QAM	1	25	21.00	21.00	20.97	22	0
10	16QAM	1	49	20.90	21.00	20.93		
10	16QAM	25	0	20.93	20.88	20.96		
10	16QAM	25	12	20.93	20.94	20.97	22	0
10	16QAM	25	25	20.90	20.90	20.83		
10	16QAM	50	0	20.98	20.88	20.84		
10	64QAM	1	0	20.99	20.95	20.88		
10	64QAM	1	25	21.00	21.00	20.90	22	0
10	64QAM	1	49	20.97	20.89	20.96		
10	64QAM	25	0	20.87	20.82	20.80		
10	64QAM	25	12	20.76	20.78	20.70	22	0
10	64QAM	25	25	20.77	20.91	20.83		
10	64QAM	50	0	20.76	20.87	20.80		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	20.89	20.89	20.95		
5	QPSK	1	12	20.84	20.79	20.83	22	0
5	QPSK	1	24	20.84	20.83	20.91		
5	QPSK	12	0	20.90	20.92	20.92		
5	QPSK	12	7	20.90	20.79	20.86	22	0
5	QPSK	12	13	20.90	20.89	20.76		
5	QPSK	25	0	20.72	20.88	20.73		
5	16QAM	1	0	20.91	20.74	20.84		
5	16QAM	1	12	20.89	20.85	20.93	22	0
5	16QAM	1	24	20.82	20.96	20.90		
5	16QAM	12	0	20.83	20.81	20.86		
5	16QAM	12	7	20.89	20.91	20.87	22	0
5	16QAM	12	13	20.83	20.75	20.74		
5	16QAM	25	0	20.88	20.78	20.82		
5	64QAM	1	0	20.90	20.83	20.73		
5	64QAM	1	12	20.87	20.88	20.77	22	0
5	64QAM	1	24	20.84	20.85	20.91		
5	64QAM	12	0	20.85	20.74	20.68		
5	64QAM	12	7	20.74	20.64	20.66	22	0
5	64QAM	12	13	20.71	20.89	20.71		
5	64QAM	25	0	20.68	20.72	20.76		

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	21.38	21.41	21.33		
10	QPSK	1	25	21.33	21.28	21.18	22	0
10	QPSK	1	49	21.25	21.33	21.32		
10	QPSK	25	0	21.34	21.38	21.28		
10	QPSK	25	12	21.26	21.30	21.18	22	0
10	QPSK	25	25	21.33	21.28	21.25		
10	QPSK	50	0	21.29	21.34	21.19		
10	16QAM	1	0	21.32	21.37	21.22		
10	16QAM	1	25	21.26	21.28	21.26	22	0
10	16QAM	1	49	21.35	21.28	21.31		
10	16QAM	25	0	20.91	21.06	21.09		
10	16QAM	25	12	20.93	21.09	21.05	22	0
10	16QAM	25	25	21.06	21.18	21.11		
10	16QAM	50	0	21.05	21.11	20.99		
10	64QAM	1	0	21.27	21.26	21.33		
10	64QAM	1	25	21.24	21.30	21.15	22	0
10	64QAM	1	49	21.30	21.32	21.24		
10	64QAM	25	0	20.09	20.09	19.94		
10	64QAM	25	12	20.06	20.12	20.01	21	1
10	64QAM	25	25	20.10	20.21	20.09		
10	64QAM	50	0	20.06	20.11	20.08		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.34	21.27	21.24		
5	QPSK	1	12	21.32	21.25	21.06	22	0
5	QPSK	1	24	21.13	21.29	21.20		
5	QPSK	12	0	21.30	21.33	21.15		
5	QPSK	12	7	21.23	21.27	21.11	22	0
5	QPSK	12	13	21.18	21.16	21.13		
5	QPSK	25	0	21.25	21.20	21.08		
5	16QAM	1	0	21.25	21.28	21.21		
5	16QAM	1	12	21.18	21.26	21.15	22	0
5	16QAM	1	24	21.21	21.15	21.18		
5	16QAM	12	0	20.80	20.92	21.07		
5	16QAM	12	7	20.91	21.00	20.94	22	0
5	16QAM	12	13	21.00	21.07	21.01		
5	16QAM	25	0	21.03	20.98	20.86		
5	64QAM	1	0	21.24	21.23	21.27		
5	64QAM	1	12	21.11	21.20	21.02	22	0
5	64QAM	1	24	21.16	21.18	21.21		
5	64QAM	12	0	20.08	20.01	19.79		
5	64QAM	12	7	20.05	19.99	19.97	21	1
5	64QAM	12	13	19.99	20.10	20.01		
5	64QAM	25	0	20.03	20.06	19.98		

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	20.98	21.00	20.91		
15	QPSK	1	37	20.97	20.86	20.86	22	0
15	QPSK	1	74	20.95	20.92	20.78		
15	QPSK	36	0	20.94	20.95	20.83		
15	QPSK	36	20	20.82	20.89	20.76	22	0
15	QPSK	36	39	20.85	20.87	20.79		
15	QPSK	75	0	20.87	20.90	20.88		
15	16QAM	1	0	20.86	20.96	20.88		
15	16QAM	1	37	20.84	20.92	20.88	22	0
15	16QAM	1	74	20.97	20.97	20.87		
15	16QAM	36	0	20.88	20.87	20.78		
15	16QAM	36	20	20.86	20.91	20.78	22	0
15	16QAM	36	39	20.83	20.86	20.81		
15	16QAM	75	0	20.94	20.96	20.89		
15	64QAM	1	0	20.84	20.88	20.81		
15	64QAM	1	37	20.84	20.88	20.89	22	0
15	64QAM	1	74	20.93	20.88	20.89		
15	64QAM	36	0	20.85	20.88	20.93		
15	64QAM	36	20	20.89	20.92	20.87	22	0
15	64QAM	36	39	20.84	20.95	20.97		
15	64QAM	75	0	20.98	20.98	20.97		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	20.91	20.94	20.80		
10	QPSK	1	25	20.83	20.85	20.80	22	0
10	QPSK	1	49	20.88	20.86	20.69		
10	QPSK	25	0	20.87	20.85	20.82		
10	QPSK	25	12	20.79	20.83	20.75	22	0
10	QPSK	25	25	20.82	20.82	20.65		
10	QPSK	50	0	20.72	20.77	20.78		
10	16QAM	1	0	20.83	20.87	20.83		
10	16QAM	1	25	20.78	20.82	20.75	22	0
10	16QAM	1	49	20.96	20.82	20.85		
10	16QAM	25	0	20.76	20.73	20.64		
10	16QAM	25	12	20.72	20.88	20.70	22	0
10	16QAM	25	25	20.79	20.80	20.68		
10	16QAM	50	0	20.87	20.85	20.83		
10	64QAM	1	0	20.76	20.84	20.74		
10	64QAM	1	25	20.81	20.73	20.81	22	0
10	64QAM	1	49	20.92	20.87	20.88		
10	64QAM	25	0	20.74	20.80	20.91		
10	64QAM	25	12	20.77	20.87	20.73	22	0
10	64QAM	25	25	20.71	20.89	20.95		
10	64QAM	50	0	20.93	20.97	20.85		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	20.95	20.96	20.76		
5	QPSK	1	12	20.91	20.82	20.79	22	0
5	QPSK	1	24	20.88	20.79	20.76		
5	QPSK	12	0	20.84	20.84	20.69		
5	QPSK	12	7	20.71	20.82	20.75	22	0
5	QPSK	12	13	20.82	20.73	20.64		
5	QPSK	25	0	20.79	20.88	20.81		
5	16QAM	1	0	20.82	20.86	20.80		
5	16QAM	1	12	20.73	20.77	20.77	22	0
5	16QAM	1	24	20.84	20.88	20.84		
5	16QAM	12	0	20.81	20.85	20.69		
5	16QAM	12	7	20.78	20.90	20.77	22	0
5	16QAM	12	13	20.71	20.71	20.77		
5	16QAM	25	0	20.88	20.84	20.87		
5	64QAM	1	0	20.79	20.79	20.69		
5	64QAM	1	12	20.71	20.84	20.81	22	0
5	64QAM	1	24	20.80	20.80	20.75		
5	64QAM	12	0	20.75	20.79	20.84		
5	64QAM	12	7	20.88	20.87	20.85	22	0
5	64QAM	12	13	20.78	20.91	20.94		
5	64QAM	25	0	20.91	20.85	20.96		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	20.91	20.85	20.88		
3	QPSK	1	8	20.94	20.72	20.77	22	0
3	QPSK	1	14	20.91	20.85	20.67		
3	QPSK	8	0	20.81	20.88	20.76		
3	QPSK	8	4	20.76	20.85	20.70	22	0
3	QPSK	8	7	20.80	20.74	20.65		
3	QPSK	15	0	20.85	20.89	20.81		
3	16QAM	1	0	20.80	20.89	20.82		
3	16QAM	1	8	20.76	20.80	20.87	22	0
3	16QAM	1	14	20.96	20.83	20.76		
3	16QAM	8	0	20.83	20.81	20.70		
3	16QAM	8	4	20.73	20.84	20.76	22	0
3	16QAM	8	7	20.70	20.81	20.67		
3	16QAM	15	0	20.87	20.94	20.85		
3	64QAM	1	0	20.76	20.80	20.75		
3	64QAM	1	8	20.80	20.86	20.83	22	0
3	64QAM	1	14	20.91	20.84	20.88		
3	64QAM	8	0	20.82	20.87	20.80		
3	64QAM	8	4	20.75	20.83	20.73	22	0
3	64QAM	8	7	20.79	20.88	20.96		
3	64QAM	15	0	20.91	20.94	20.86		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	20.96	20.93	20.82		
1.4	QPSK	1	3	20.92	20.80	20.79		
1.4	QPSK	1	5	20.84	20.91	20.66	22	0
1.4	QPSK	3	0	20.86	20.81	20.69		
1.4	QPSK	3	1	20.79	20.85	20.66		
1.4	QPSK	3	3	20.79	20.76	20.78		
1.4	QPSK	6	0	20.79	20.75	20.74	22	0
1.4	16QAM	1	0	20.82	20.91	20.86		
1.4	16QAM	1	3	20.83	20.85	20.82		
1.4	16QAM	1	5	20.96	20.85	20.82	22	0
1.4	16QAM	3	0	20.81	20.79	20.64		
1.4	16QAM	3	1	20.80	20.81	20.77		
1.4	16QAM	3	3	20.78	20.78	20.67		
1.4	16QAM	6	0	20.90	20.83	20.75	22	0
1.4	64QAM	1	0	20.69	20.77	20.77		
1.4	64QAM	1	3	20.79	20.78	20.87		
1.4	64QAM	1	5	20.83	20.75	20.78	22	0
1.4	64QAM	3	0	20.79	20.80	20.79		
1.4	64QAM	3	1	20.76	20.88	20.74		
1.4	64QAM	3	3	20.72	20.93	20.83		
1.4	64QAM	6	0	20.87	20.84	20.94	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	20.96	21.00	20.99		
15	QPSK	1	37	20.93	20.88	20.88	22	0
15	QPSK	1	74	20.81	20.92	20.98		
15	QPSK	36	0	20.92	20.97	20.89		
15	QPSK	36	20	20.83	20.96	20.85	22	0
15	QPSK	36	39	20.87	20.90	20.85		
15	QPSK	75	0	20.86	20.89	20.82		
15	16QAM	1	0	20.95	20.98	20.92		
15	16QAM	1	37	20.85	20.98	20.84	22	0
15	16QAM	1	74	20.86	20.98	20.96		
15	16QAM	36	0	20.61	20.66	20.63		
15	16QAM	36	20	20.67	20.74	20.57	22	0
15	16QAM	36	39	20.77	20.76	20.71		
15	16QAM	75	0	20.60	20.78	20.73		
15	64QAM	1	0	20.81	20.83	20.69		
15	64QAM	1	37	20.80	20.84	20.73	22	0
15	64QAM	1	74	20.79	20.88	20.77		
15	64QAM	36	0	19.64	19.80	19.59		
15	64QAM	36	20	19.69	19.79	19.77	21	1
15	64QAM	36	39	19.75	19.75	19.72		
15	64QAM	75	0	19.58	19.78	19.68		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	20.89	20.93	20.88		
10	QPSK	1	25	20.82	20.86	20.83	22	0
10	QPSK	1	49	20.66	20.87	20.91		
10	QPSK	25	0	20.89	20.89	20.76		
10	QPSK	25	12	20.72	20.87	20.83	22	0
10	QPSK	25	25	20.73	20.89	20.79		
10	QPSK	50	0	20.79	20.85	20.69		
10	16QAM	1	0	20.90	20.83	20.81		
10	16QAM	1	25	20.80	20.92	20.69	22	0
10	16QAM	1	49	20.78	20.90	20.86		
10	16QAM	25	0	20.51	20.58	20.58		
10	16QAM	25	12	20.64	20.69	20.47	22	0
10	16QAM	25	25	20.62	20.69	20.64		
10	16QAM	50	0	20.55	20.76	20.63		
10	64QAM	1	0	20.77	20.80	20.61		
10	64QAM	1	25	20.79	20.78	20.64	22	0
10	64QAM	1	49	20.66	20.78	20.67		
10	64QAM	25	0	19.61	19.77	19.57		
10	64QAM	25	12	19.66	19.66	19.66	21	1
10	64QAM	25	25	19.65	19.62	19.68		
10	64QAM	50	0	19.51	19.72	19.56		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	20.92	20.86	20.92		
5	QPSK	1	12	20.88	20.77	20.84	22	0
5	QPSK	1	24	20.72	20.82	20.86		
5	QPSK	12	0	20.89	20.96	20.77		
5	QPSK	12	7	20.77	20.82	20.80	22	0
5	QPSK	12	13	20.82	20.87	20.81		
5	QPSK	25	0	20.77	20.86	20.68		
5	16QAM	1	0	20.89	20.95	20.84		
5	16QAM	1	12	20.73	20.93	20.69	22	0
5	16QAM	1	24	20.77	20.93	20.81		
5	16QAM	12	0	20.56	20.56	20.58		
5	16QAM	12	7	20.56	20.72	20.54	22	0
5	16QAM	12	13	20.67	20.64	20.64		
5	16QAM	25	0	20.51	20.71	20.64		
5	64QAM	1	0	20.73	20.70	20.67		
5	64QAM	1	12	20.73	20.78	20.58	22	0
5	64QAM	1	24	20.65	20.79	20.75		
5	64QAM	12	0	19.49	19.78	19.53		
5	64QAM	12	7	19.58	19.74	19.67	21	1
5	64QAM	12	13	19.65	19.66	19.57		
5	64QAM	25	0	19.53	19.68	19.67		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	20.88	20.86	20.86		
3	QPSK	1	8	20.85	20.81	20.73	22	0
3	QPSK	1	14	20.80	20.77	20.85		
3	QPSK	8	0	20.77	20.92	20.74		
3	QPSK	8	4	20.73	20.93	20.71	22	0
3	QPSK	8	7	20.75	20.87	20.75		
3	QPSK	15	0	20.79	20.74	20.69		
3	16QAM	1	0	20.84	20.84	20.90		
3	16QAM	1	8	20.72	20.88	20.71	22	0
3	16QAM	1	14	20.77	20.88	20.95		
3	16QAM	8	0	20.53	20.53	20.61		
3	16QAM	8	4	20.58	20.61	20.56	22	0
3	16QAM	8	7	20.69	20.75	20.65		
3	16QAM	15	0	20.57	20.70	20.61		
3	64QAM	1	0	20.71	20.71	20.63		
3	64QAM	1	8	20.78	20.73	20.68	22	0
3	64QAM	1	14	20.76	20.77	20.64		
3	64QAM	8	0	19.55	19.68	19.51		
3	64QAM	8	4	19.55	19.68	19.69	21	1
3	64QAM	8	7	19.65	19.73	19.63		
3	64QAM	15	0	19.44	19.71	19.54		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	20.89	20.93	20.95		
1.4	QPSK	1	3	20.84	20.79	20.85		
1.4	QPSK	1	5	20.69	20.90	20.97	22	0
1.4	QPSK	3	0	20.79	20.95	20.82		
1.4	QPSK	3	1	20.69	20.95	20.77		
1.4	QPSK	3	3	20.86	20.81	20.76		
1.4	QPSK	6	0	20.75	20.76	20.77	22	0
1.4	16QAM	1	0	20.85	20.85	20.82		
1.4	16QAM	1	3	20.84	20.97	20.69		
1.4	16QAM	1	5	20.76	20.90	20.94	22	0
1.4	16QAM	3	0	20.51	20.64	20.59		
1.4	16QAM	3	1	20.56	20.66	20.50		
1.4	16QAM	3	3	20.67	20.72	20.63		
1.4	16QAM	6	0	20.56	20.74	20.60	22	0
1.4	64QAM	1	0	20.66	20.74	20.57		
1.4	64QAM	1	3	20.65	20.78	20.69		
1.4	64QAM	1	5	20.73	20.76	20.62	22	0
1.4	64QAM	3	0	20.56	20.63	20.43		
1.4	64QAM	3	1	20.56	20.74	20.56		
1.4	64QAM	3	3	20.62	20.74	20.57		
1.4	64QAM	6	0	19.45	19.65	19.65	21	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.12	20.18	20.08		
20	QPSK	1	49	20.06	20.09	19.94	21	0
20	QPSK	1	99	20.05	20.17	20.00		
20	QPSK	50	0	20.07	20.09	20.01		
20	QPSK	50	24	20.06	20.06	19.94	21	0
20	QPSK	50	50	20.06	20.04	19.94		
20	QPSK	100	0	19.96	20.04	19.95		
20	16QAM	1	0	20.03	20.09	19.97		
20	16QAM	1	49	20.05	20.17	20.07	21	0
20	16QAM	1	99	20.11	20.15	20.01		
20	16QAM	50	0	20.08	20.16	19.97		
20	16QAM	50	24	20.06	20.15	19.93	21	0
20	16QAM	50	50	20.02	20.16	19.98		
20	16QAM	100	0	20.07	20.13	19.94		
20	64QAM	1	0	20.06	20.15	19.98		
20	64QAM	1	49	20.09	20.14	19.98	21	0
20	64QAM	1	99	20.11	20.04	19.93		
20	64QAM	50	0	20.03	20.15	20.03		
20	64QAM	50	24	20.00	20.07	20.03	21	0
20	64QAM	50	50	20.09	20.17	19.97		
20	64QAM	100	0	20.09	20.06	20.04		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.04	20.08	19.96		
15	QPSK	1	37	19.92	19.94	19.91	21	0
15	QPSK	1	74	19.99	20.07	19.96		
15	QPSK	36	0	19.99	19.96	19.88		
15	QPSK	36	20	19.94	19.96	19.83	21	0
15	QPSK	36	39	19.92	19.93	19.91		
15	QPSK	75	0	19.82	19.91	19.83		
15	16QAM	1	0	19.94	20.06	19.83		
15	16QAM	1	37	19.96	20.03	19.96	21	0
15	16QAM	1	74	20.08	20.13	19.89		
15	16QAM	36	0	20.06	20.12	19.87		
15	16QAM	36	20	20.04	20.13	19.83	21	0
15	16QAM	36	39	19.96	20.10	19.85		
15	16QAM	75	0	20.02	20.09	19.92		
15	64QAM	1	0	20.05	20.07	19.84		
15	64QAM	1	37	19.95	20.05	19.97	21	0
15	64QAM	1	74	19.99	19.92	19.87		
15	64QAM	36	0	19.96	20.01	19.95		
15	64QAM	36	20	19.94	20.04	19.92	21	0
15	64QAM	36	39	20.07	20.16	19.87		
15	64QAM	75	0	19.98	20.04	20.01		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.06	20.12	19.93		
10	QPSK	1	25	19.95	20.01	19.85	21	0
10	QPSK	1	49	19.91	20.07	19.92		
10	QPSK	25	0	20.06	20.05	19.89		
10	QPSK	25	12	19.96	19.92	19.82	21	0
10	QPSK	25	25	19.97	20.00	19.84		
10	QPSK	50	0	19.82	19.94	19.93		
10	16QAM	1	0	19.88	19.95	19.86		
10	16QAM	1	25	20.00	20.05	19.92	21	0
10	16QAM	1	49	20.08	20.05	19.91		
10	16QAM	25	0	20.07	20.07	19.85		
10	16QAM	25	12	19.91	20.10	19.85	21	0
10	16QAM	25	25	19.92	20.14	19.83		
10	16QAM	50	0	20.03	20.09	19.81		
10	64QAM	1	0	19.95	20.12	19.88		
10	64QAM	1	25	20.08	20.06	19.91	21	0
10	64QAM	1	49	19.98	20.00	19.87		
10	64QAM	25	0	19.95	20.09	19.96		
10	64QAM	25	12	19.97	19.94	20.00	21	0
10	64QAM	25	25	20.04	20.06	19.86		
10	64QAM	50	0	20.05	20.02	19.99		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.07	20.10	20.00		
5	QPSK	1	12	19.94	19.94	19.86	21	0
5	QPSK	1	24	19.91	20.08	19.98		
5	QPSK	12	0	20.05	19.97	19.87		
5	QPSK	12	7	19.99	20.00	19.79	21	0
5	QPSK	12	13	19.84	19.97	19.93		
5	QPSK	25	0	19.84	19.93	19.90		
5	16QAM	1	0	19.95	19.99	19.88		
5	16QAM	1	12	19.94	20.03	19.95	21	0
5	16QAM	1	24	20.03	20.02	19.95		
5	16QAM	12	0	20.02	20.09	19.86		
5	16QAM	12	7	19.98	20.05	19.87	21	0
5	16QAM	12	13	20.00	20.05	19.94		
5	16QAM	25	0	20.05	19.99	19.92		
5	64QAM	1	0	19.97	20.10	19.89		
5	64QAM	1	12	19.96	20.12	19.85	21	0
5	64QAM	1	24	20.01	19.89	19.86		
5	64QAM	12	0	19.99	20.04	19.92		
5	64QAM	12	7	19.95	19.94	19.89	21	0
5	64QAM	12	13	19.94	20.04	19.88		
5	64QAM	25	0	20.08	19.98	19.98		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.00	20.15	20.00		
3	QPSK	1	8	19.91	19.94	19.91	21	0
3	QPSK	1	14	19.96	20.07	19.87		
3	QPSK	8	0	19.97	20.00	19.95		
3	QPSK	8	4	20.04	19.92	19.84	21	0
3	QPSK	8	7	19.92	19.96	19.91		
3	QPSK	15	0	19.95	19.89	19.81		
3	16QAM	1	0	19.99	20.03	19.88		
3	16QAM	1	8	19.94	20.15	19.97	21	0
3	16QAM	1	14	19.97	20.00	20.00		
3	16QAM	8	0	19.95	20.10	19.85		
3	16QAM	8	4	20.02	20.05	19.88	21	0
3	16QAM	8	7	19.95	20.13	19.96		
3	16QAM	15	0	19.92	20.10	19.89		
3	64QAM	1	0	19.93	20.10	19.86		
3	64QAM	1	8	19.96	20.12	19.94	21	0
3	64QAM	1	14	20.08	19.95	19.82		
3	64QAM	8	0	19.95	20.13	19.89		
3	64QAM	8	4	19.93	19.98	19.88	21	0
3	64QAM	8	7	19.96	20.09	19.88		
3	64QAM	15	0	20.01	19.93	20.01		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.11	20.08	19.99		
1.4	QPSK	1	3	19.95	19.95	19.93		
1.4	QPSK	1	5	19.91	20.11	19.99	21	0
1.4	QPSK	3	0	19.95	20.08	19.87		
1.4	QPSK	3	1	19.96	19.97	19.92		
1.4	QPSK	3	3	19.92	19.93	19.89		
1.4	QPSK	6	0	19.87	19.98	19.86	21	0
1.4	16QAM	1	0	19.95	20.07	19.86		
1.4	16QAM	1	3	19.96	20.14	19.99		
1.4	16QAM	1	5	20.10	20.06	19.90	21	0
1.4	16QAM	3	0	19.96	20.01	19.86		
1.4	16QAM	3	1	19.91	20.09	19.86		
1.4	16QAM	3	3	19.87	20.15	19.88		
1.4	16QAM	6	0	20.00	20.04	19.93	21	0
1.4	64QAM	1	0	20.03	20.07	19.95		
1.4	64QAM	1	3	20.01	20.10	19.83		
1.4	64QAM	1	5	20.09	19.91	19.87	21	0
1.4	64QAM	3	0	19.90	20.11	19.94		
1.4	64QAM	3	1	19.99	19.95	20.01		
1.4	64QAM	3	3	20.03	20.13	19.90		
1.4	64QAM	6	0	19.95	19.92	19.92	21	0

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BW [MHz]	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	19.98	20.11	20.05		
20	QPSK	1	49	19.96	19.99	19.93	20.5	0
20	QPSK	1	99	19.88	19.98	20.04		
20	QPSK	50	0	19.97	20.08	19.97		
20	QPSK	50	24	19.87	19.96	19.93	20.5	0
20	QPSK	50	50	19.91	20.07	19.91		
20	QPSK	100	0	19.96	20.07	19.90		
20	16QAM	1	0	19.96	19.99	19.97		
20	16QAM	1	49	19.92	20.07	20.03	20.5	0
20	16QAM	1	99	19.91	20.01	20.04		
20	16QAM	50	0	19.89	19.97	19.94		
20	16QAM	50	24	19.91	20.06	19.92	20.5	0
20	16QAM	50	50	19.85	20.00	19.95		
20	16QAM	100	0	19.93	20.09	20.02		
20	64QAM	1	0	19.85	20.03	19.95		
20	64QAM	1	49	19.97	20.06	19.99	20.5	0
20	64QAM	1	99	19.94	20.04	19.95		
20	64QAM	50	0	19.92	20.10	19.95		
20	64QAM	50	24	19.86	20.03	19.90	20.5	0
20	64QAM	50	50	19.97	20.09	19.95		
20	64QAM	100	0	19.94	20.03	20.02		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.86	19.96	19.96		
15	QPSK	1	37	19.86	19.87	19.89	20.5	0
15	QPSK	1	74	19.82	19.88	19.89		
15	QPSK	36	0	19.82	19.96	19.93		
15	QPSK	36	20	19.74	19.86	19.92	20.5	0
15	QPSK	36	39	19.78	20.01	19.78		
15	QPSK	75	0	19.85	19.99	19.83		
15	16QAM	1	0	19.82	19.88	19.94		
15	16QAM	1	37	19.83	19.93	19.92	20.5	0
15	16QAM	1	74	19.89	19.97	19.93		
15	16QAM	36	0	19.81	19.82	19.79		
15	16QAM	36	20	19.80	20.01	19.79	20.5	0
15	16QAM	36	39	19.76	19.98	19.85		
15	16QAM	75	0	19.90	19.96	19.98		
15	64QAM	1	0	19.73	19.96	19.89		
15	64QAM	1	37	19.84	20.01	19.98	20.5	0
15	64QAM	1	74	19.82	19.97	19.93		
15	64QAM	36	0	19.87	20.09	19.92		
15	64QAM	36	20	19.78	19.91	19.77	20.5	0
15	64QAM	36	39	19.91	19.96	19.94		
15	64QAM	75	0	19.84	19.89	19.98		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.86	20.01	19.94		
10	QPSK	1	25	19.89	19.96	19.83	20.5	0
10	QPSK	1	49	19.83	19.95	19.96		
10	QPSK	25	0	19.96	20.00	19.92		
10	QPSK	25	12	19.79	19.85	19.85	20.5	0
10	QPSK	25	25	19.82	20.01	19.80		
10	QPSK	50	0	19.93	20.03	19.88		
10	16QAM	1	0	19.89	19.86	19.82		
10	16QAM	1	25	19.89	19.92	19.97	20.5	0
10	16QAM	1	49	19.83	19.95	19.96		
10	16QAM	25	0	19.74	19.93	19.79		
10	16QAM	25	12	19.79	20.01	19.87	20.5	0
10	16QAM	25	25	19.83	19.89	19.94		
10	16QAM	50	0	19.82	19.95	19.97		
10	64QAM	1	0	19.74	19.92	19.94		
10	64QAM	1	25	19.84	19.99	19.89	20.5	0
10	64QAM	1	49	19.91	20.02	19.92		
10	64QAM	25	0	19.82	19.95	19.84		
10	64QAM	25	12	19.80	19.96	19.80	20.5	0
10	64QAM	25	25	19.91	19.97	19.86		
10	64QAM	50	0	19.89	19.92	19.94		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.95	19.97	19.91		
5	QPSK	1	12	19.95	19.98	19.83	20.5	0
5	QPSK	1	24	19.85	19.97	19.95		
5	QPSK	12	0	19.93	19.97	19.96		
5	QPSK	12	7	19.82	19.81	19.88	20.5	0
5	QPSK	12	13	19.77	20.02	19.88		
5	QPSK	25	0	19.89	20.05	19.76		
5	16QAM	1	0	19.90	19.84	19.93		
5	16QAM	1	12	19.77	19.92	19.92	20.5	0
5	16QAM	1	24	19.79	19.98	19.89		
5	16QAM	12	0	19.77	19.84	19.86		
5	16QAM	12	7	19.89	19.99	19.77	20.5	0
5	16QAM	12	13	19.79	19.95	19.91		
5	16QAM	25	0	19.92	20.06	19.95		
5	64QAM	1	0	19.70	19.94	19.83		
5	64QAM	1	12	19.87	19.97	19.91	20.5	0
5	64QAM	1	24	19.89	19.94	19.86		
5	64QAM	12	0	19.82	20.02	19.81		
5	64QAM	12	7	19.81	20.01	19.78	20.5	0
5	64QAM	12	13	19.85	20.05	19.84		
5	64QAM	25	0	19.86	20.00	19.88		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.96	20.08	19.93		
3	QPSK	1	8	19.81	19.97	19.92	20.5	0
3	QPSK	1	14	19.73	19.94	19.95		
3	QPSK	8	0	19.91	20.05	19.86		
3	QPSK	8	4	19.77	19.84	19.80	20.5	0
3	QPSK	8	7	19.81	19.96	19.89		
3	QPSK	15	0	19.92	19.95	19.89		
3	16QAM	1	0	19.91	19.86	19.83		
3	16QAM	1	8	19.81	20.03	20.00	20.5	0
3	16QAM	1	14	19.88	19.87	20.03		
3	16QAM	8	0	19.74	19.88	19.89		
3	16QAM	8	4	19.84	20.00	19.79	20.5	0
3	16QAM	8	7	19.83	19.99	19.85		
3	16QAM	15	0	19.88	20.07	19.96		
3	64QAM	1	0	19.73	19.92	19.86		
3	64QAM	1	8	19.90	19.91	19.96	20.5	0
3	64QAM	1	14	19.86	20.01	19.88		
3	64QAM	8	0	19.77	20.09	19.92		
3	64QAM	8	4	19.75	20.01	19.87	20.5	0
3	64QAM	8	7	19.85	19.95	19.94		
3	64QAM	15	0	19.92	19.92	19.94		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.96	20.07	20.02		
1.4	QPSK	1	3	19.88	19.87	19.84		
1.4	QPSK	1	5	19.74	19.93	19.97	20.5	0
1.4	QPSK	3	0	19.91	20.06	19.92		
1.4	QPSK	3	1	19.72	19.95	19.92		
1.4	QPSK	3	3	19.77	19.94

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BW [MHz]	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	20.50	20.58	20.51		
20	QPSK	1	49	20.47	20.47	20.38	21	0
20	QPSK	1	99	20.36	20.49	20.36		
20	QPSK	50	0	20.47	20.57	20.50		
20	QPSK	50	24	20.45	20.44	20.38	21	0
20	QPSK	50	50	20.41	20.47	20.49		
20	QPSK	100	0	20.42	20.52	20.43		
20	16QAM	1	0	20.48	20.53	20.49		
20	16QAM	1	49	20.35	20.54	20.46	21	0
20	16QAM	1	99	20.37	20.54	20.44		
20	16QAM	50	0	20.09	20.22	20.11		
20	16QAM	50	24	20.10	20.14	20.07	21	0
20	16QAM	50	50	19.88	20.17	19.96		
20	16QAM	100	0	20.08	20.16	20.08		
20	64QAM	1	0	20.46	20.41	20.45		
20	64QAM	1	49	20.21	20.28	20.20	21	0
20	64QAM	1	99	20.20	20.25	20.17		
20	64QAM	50	0	19.23	19.17	19.21		
20	64QAM	50	24	19.18	19.19	19.11	20	1
20	64QAM	50	50	18.95	19.09	19.15		
20	64QAM	100	0	19.19	19.13	18.96		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.41	20.57	20.49		
15	QPSK	1	37	20.39	20.38	20.31	21	0
15	QPSK	1	74	20.26	20.41	20.25		
15	QPSK	36	0	20.36	20.45	20.49		
15	QPSK	36	20	20.35	20.39	20.36	21	0
15	QPSK	36	39	20.31	20.39	20.34		
15	QPSK	75	0	20.34	20.37	20.30		
15	16QAM	1	0	20.46	20.39	20.46		
15	16QAM	1	37	20.28	20.51	20.40	21	0
15	16QAM	1	74	20.32	20.48	20.35		
15	16QAM	36	0	19.98	20.17	19.98		
15	16QAM	36	20	20.05	20.05	19.99	21	0
15	16QAM	36	39	19.85	20.02	19.82		
15	16QAM	75	0	19.93	20.04	19.93		
15	64QAM	1	0	20.37	20.31	20.33		
15	64QAM	1	37	20.18	20.18	20.10	21	0
15	64QAM	1	74	20.09	20.23	20.10		
15	64QAM	36	0	19.09	19.16	19.07		
15	64QAM	36	20	19.08	19.10	18.97	20	1
15	64QAM	36	39	18.92	18.98	19.11		
15	64QAM	75	0	19.16	19.09	18.93		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.47	20.47	20.37		
10	QPSK	1	25	20.39	20.34	20.25	21	0
10	QPSK	1	49	20.23	20.42	20.30		
10	QPSK	25	0	20.39	20.49	20.45		
10	QPSK	25	12	20.41	20.41	20.37	21	0
10	QPSK	25	25	20.36	20.36	20.35		
10	QPSK	50	0	20.31	20.47	20.31		
10	16QAM	1	0	20.44	20.46	20.41		
10	16QAM	1	25	20.23	20.53	20.45	21	0
10	16QAM	1	49	20.24	20.41	20.33		
10	16QAM	25	0	20.05	20.20	20.03		
10	16QAM	25	12	20.09	20.02	20.01	21	0
10	16QAM	25	25	19.81	20.15	19.81		
10	16QAM	50	0	20.03	20.06	20.00		
10	64QAM	1	0	20.43	20.39	20.37		
10	64QAM	1	25	20.20	20.15	20.19	21	0
10	64QAM	1	49	20.18	20.17	20.02		
10	64QAM	25	0	19.20	19.03	19.09		
10	64QAM	25	12	19.10	19.10	18.98	20	1
10	64QAM	25	25	18.84	18.97	19.09		
10	64QAM	50	0	19.11	19.05	18.81		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.39	20.53	20.48		
5	QPSK	1	12	20.36	20.40	20.33	21	0
5	QPSK	1	24	20.29	20.36	20.28		
5	QPSK	12	0	20.34	20.55	20.35		
5	QPSK	12	7	20.33	20.40	20.37	21	0
5	QPSK	12	13	20.30	20.37	20.47		
5	QPSK	25	0	20.35	20.45	20.30		
5	16QAM	1	0	20.44	20.45	20.41		
5	16QAM	1	12	20.27	20.48	20.41	21	0
5	16QAM	1	24	20.24	20.42	20.42		
5	16QAM	12	0	20.00	20.18	19.99		
5	16QAM	12	7	19.99	20.02	20.05	21	0
5	16QAM	12	13	19.79	20.16	19.81		
5	16QAM	25	0	20.07	20.05	20.00		
5	64QAM	1	0	20.43	20.39	20.39		
5	64QAM	1	12	20.06	20.16	20.19	21	0
5	64QAM	1	24	20.11	20.15	20.16		
5	64QAM	12	0	19.14	19.03	19.17		
5	64QAM	12	7	19.03	19.17	19.03	20	1
5	64QAM	12	13	18.91	19.04	19.13		
5	64QAM	25	0	19.07	19.05	18.87		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.48	20.45	20.38		
3	QPSK	1	8	20.36	20.45	20.27	21	0
3	QPSK	1	14	20.34	20.42	20.23		
3	QPSK	8	0	20.44	20.55	20.46		
3	QPSK	8	4	20.34	20.41	20.34	21	0
3	QPSK	8	7	20.31	20.32	20.46		
3	QPSK	15	0	20.41	20.49	20.32		
3	16QAM	1	0	20.39	20.50	20.38		
3	16QAM	1	8	20.27	20.44	20.39	21	0
3	16QAM	1	14	20.31	20.52	20.30		
3	16QAM	8	0	19.94	20.18	20.06		
3	16QAM	8	4	20.06	20.05	19.97	21	0
3	16QAM	8	7	19.76	20.11	19.83		
3	16QAM	15	0	20.06	20.05	20.07		
3	64QAM	1	0	20.34	20.33	20.44		
3	64QAM	1	8	20.10	20.26	20.06	21	0
3	64QAM	1	14	20.12	20.23	20.15		
3	64QAM	8	0	19.11	19.08	19.11		
3	64QAM	8	4	19.17	19.12	19.00	20	1
3	64QAM	8	7	18.86	18.97	19.00		
3	64QAM	15	0	19.10	19.11	18.89		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.37	20.53	20.44		
1.4	QPSK	1	3	20.44	20.35	20.25		
1.4	QPSK	1	5	20.29	20.42	20.32	21	0
1.4	QPSK	3	0	20.45	20.56	20.42		
1.4	QPSK	3	1	20.40	20.29	20.29		
1.4	QPSK	3	3	20.33	20.36	20.37		
1.4	QPSK	6	0	20.29	20.49	20.39	21	0
1.4	16QAM	1	0	20.38	20.49	20.34		
1.4	16QAM	1	3	20.33	20.50	20.35		
1.4	16QAM	1	5	20.33	20.42	20.39	21	0
1.4	16QAM	3	0	20.36	20.39	20.29		
1.4	16QAM	3	1	20.23	20.46	20.27		
1.4	16QAM	3	3	20.28	20.30	20.36		
1.4	16QAM	6	0	20.01	20.08	19.97	21	0
1.4	64QAM	1	0	20.43	20.37	20.44		
1.4	64QAM	1	3	20.18	20.21	20.09		
1.4	64QAM	1	5	20.18	20.11	20.03	21	0
1.4	64QAM	3	0	20.35	20.32	20.29		
1.4	64QAM	3	1	20.11	20.10	20.00		
1.4	64QAM	3	3	20.17	20.05	19.95		
1.4	64QAM	6	0	19.17	18.98	18.90	20	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.34	21.44	21.34		
20	QPSK	1	49	21.32	21.43	21.31	22	0
20	QPSK	1	99	21.31	21.35	21.19		
20	QPSK	50	0	21.32	21.36	21.32		
20	QPSK	50	24	21.21	21.33	21.30	22	0
20	QPSK	50	50	21.24	21.31	21.19		
20	QPSK	100	0	21.30	21.31	21.22		
20	16QAM	1	0	21.32	21.29	21.26		
20	16QAM	1	49	21.29	21.29	21.24	22	0
20	16QAM	1	99	21.32	21.39	21.26		
20	16QAM	50	0	21.33	21.38	21.32		
20	16QAM	50	24	21.26	21.37	21.21	22	0
20	16QAM	50	50	21.20	21.29	21.20		
20	16QAM	100	0	21.31	21.38	21.27		
20	64QAM	1	0	21.23	21.34	21.33		
20	64QAM	1	49	21.33	21.42	21.21	22	0
20	64QAM	1	99	21.20	21.37	21.32		
20	64QAM	50	0	21.31	21.41	21.23		
20	64QAM	50	24	21.28	21.36	21.27	22	0
20	64QAM	50	50	21.22	21.32	21.21		
20	64QAM	100	0	21.21	21.40	21.24		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.23	21.42	21.32		
15	QPSK	1	37	21.23	21.38	21.26	22	0
15	QPSK	1	74	21.28	21.29	21.04		
15	QPSK	36	0	21.24	21.25	21.18		
15	QPSK	36	20	21.19	21.24	21.24	22	0
15	QPSK	36	39	21.11	21.25	21.11		
15	QPSK	75	0	21.27	21.28	21.19		
15	16QAM	1	0	21.19	21.21	21.18		
15	16QAM	1	37	21.14	21.21	21.18	22	0
15	16QAM	1	74	21.21	21.37	21.13		
15	16QAM	36	0	21.22	21.34	21.26		
15	16QAM	36	20	21.24	21.22	21.09	22	0
15	16QAM	36	39	21.16	21.24	21.12		
15	16QAM	75	0	21.21	21.23	21.21		
15	64QAM	1	0	21.10	21.24	21.26		
15	64QAM	1	37	21.25	21.27	21.19	22	0
15	64QAM	1	74	21.18	21.33	21.18		
15	64QAM	36	0	21.29	21.28	21.13		
15	64QAM	36	20	21.13	21.22	21.23	22	0
15	64QAM	36	39	21.13	21.30	21.17		
15	64QAM	75	0	21.13	21.30	21.13		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.24	21.33	21.32		
10	QPSK	1	25	21.19	21.36	21.28	22	0
10	QPSK	1	49	21.30	21.31	21.17		
10	QPSK	25	0	21.28	21.23	21.23		
10	QPSK	25	12	21.11	21.24	21.26	22	0
10	QPSK	25	25	21.20	21.27	21.05		
10	QPSK	50	0	21.16	21.24	21.20		
10	16QAM	1	0	21.29	21.14	21.11		
10	16QAM	1	25	21.16	21.21	21.17	22	0
10	16QAM	1	49	21.22	21.24	21.16		
10	16QAM	25	0	21.29	21.28	21.30		
10	16QAM	25	12	21.11	21.25	21.09	22	0
10	16QAM	25	25	21.13	21.28	21.07		
10	16QAM	50	0	21.29	21.32	21.16		
10	64QAM	1	0	21.14	21.24	21.25		
10	64QAM	1	25	21.29	21.33	21.13	22	0
10	64QAM	1	49	21.10	21.30	21.31		
10	64QAM	25	0	21.25	21.38	21.14		
10	64QAM	25	12	21.20	21.27	21.21	22	0
10	64QAM	25	25	21.12	21.20	21.13		
10	64QAM	50	0	21.19	21.29	21.20		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.32	21.29	21.27		
5	QPSK	1	12	21.30	21.35	21.17	22	0
5	QPSK	1	24	21.29	21.23	21.07		
5	QPSK	12	0	21.31	21.24	21.27		
5	QPSK	12	7	21.20	21.32	21.26	22	0
5	QPSK	12	13	21.18	21.23	21.09		
5	QPSK	25	0	21.29	21.30	21.19		
5	16QAM	1	0	21.28	21.28	21.15		
5	16QAM	1	12	21.23	21.19	21.13	22	0
5	16QAM	1	24	21.30	21.36	21.17		
5	16QAM	12	0	21.27	21.33	21.26		
5	16QAM	12	7	21.14	21.36	21.09	22	0
5	16QAM	12	13	21.13	21.28	21.08		
5	16QAM	25	0	21.18	21.34	21.25		
5	64QAM	1	0	21.21	21.28	21.23		
5	64QAM	1	12	21.32	21.30	21.08	22	0
5	64QAM	1	24	21.19	21.25	21.30		
5	64QAM	12	0	21.29	21.34	21.17		
5	64QAM	12	7	21.21	21.35	21.16	22	0
5	64QAM	12	13	21.12	21.28	21.17		
5	64QAM	25	0	21.12	21.35	21.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.62	23.69	23.57		
20	QPSK	1	49	23.61	23.61	23.52	24	0
20	QPSK	1	99	23.54	23.51	23.46		
20	QPSK	50	0	23.61	23.66	23.55		
20	QPSK	50	24	23.48	23.57	23.51	24	0
20	QPSK	50	50	23.51	23.58	23.55		
20	QPSK	100	0	23.57	23.59	23.56		
20	16QAM	1	0	23.64	23.61	23.51		
20	16QAM	1	49	23.64	23.59	23.58	24	0
20	16QAM	1	99	23.58	23.55	23.58		
20	16QAM	50	0	22.51	22.66	22.55		
20	16QAM	50	24	22.69	22.75	22.66	23	1
20	16QAM	50	50	22.68	22.70	22.64		
20	16QAM	100	0	22.58	22.62	22.56		
20	64QAM	1	0	22.27	22.44	22.34		
20	64QAM	1	49	22.32	22.41	22.46	23	1
20	64QAM	1	99	22.43	22.48	22.41		
20	64QAM	50	0	21.51	21.70	21.55		
20	64QAM	50	24	21.60	21.71	21.65	22	2
20	64QAM	50	50	21.62	21.58	21.54		
20	64QAM	100	0	21.59	21.66	21.67		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.56	23.59	23.53		
15	QPSK	1	37	23.60	23.47	23.51	24	0
15	QPSK	1	74	23.53	23.39	23.42		
15	QPSK	36	0	23.48	23.62	23.44		
15	QPSK	36	20	23.42	23.55	23.49	24	0
15	QPSK	36	39	23.47	23.56	23.52		
15	QPSK	75	0	23.55	23.46	23.49		
15	16QAM	1	0	23.53	23.64	23.49		
15	16QAM	1	37	23.50	23.57	23.45	24	0
15	16QAM	1	74	23.52	23.66	23.61		
15	16QAM	36	0	22.38	22.54	22.48		
15	16QAM	36	20	22.56	22.65	22.62	23	1
15	16QAM	36	39	22.55	22.58	22.58		
15	16QAM	75	0	22.54	22.58	22.44		
15	64QAM	1	0	22.25	22.34	22.32		
15	64QAM	1	37	22.28	22.35	22.42	23	1
15	64QAM	1	74	22.29	22.34	22.34		
15	64QAM	36	0	21.47	21.69	21.42		
15	64QAM	36	20	21.53	21.69	21.50	22	2
15	64QAM	36	39	21.57	21.49	21.50		
15	64QAM	75	0	21.58	21.64	21.65		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.57	23.60	23.56		
10	QPSK	1	25	23.47	23.50	23.37	24	0
10	QPSK	1	49	23.45	23.40	23.36		
10	QPSK	25	0	23.60	23.51	23.41		
10	QPSK	25	12	23.44	23.51	23.41	24	0
10	QPSK	25	25	23.49	23.54	23.46		
10	QPSK	50	0	23.56	23.52	23.47		
10	16QAM	1	0	23.63	23.64	23.43		
10	16QAM	1	25	23.54	23.56	23.45	24	0
10	16QAM	1	49	23.57	23.61	23.65		
10	16QAM	25	0	22.44	22.54	22.53		
10	16QAM	25	12	22.66	22.60	22.56	23	1
10	16QAM	25	25	22.53	22.61	22.56		
10	16QAM	50	0	22.51	22.50	22.48		
10	64QAM	1	0	22.21	22.34	22.19		
10	64QAM	1	25	22.25	22.37	22.36	23	1
10	64QAM	1	49	22.42	22.42	22.35		
10	64QAM	25	0	21.38	21.59	21.48		
10	64QAM	25	12	21.54	21.62	21.50	22	2
10	64QAM	25	25	21.48	21.47	21.50		
10	64QAM	50	0	21.55	21.65	21.57		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.59	23.62	23.55		
5	QPSK	1	12	23.46	23.53	23.39	24	0
5	QPSK	1	24	23.39	23.48	23.40		
5	QPSK	12	0	23.58	23.64	23.41		
5	QPSK	12	7	23.33	23.45	23.47	24	0
5	QPSK	12	13	23.42	23.45	23.45		
5	QPSK	25	0	23.56	23.56	23.45		
5	16QAM	1	0	23.57	23.59	23.40		
5	16QAM	1	12	23.62	23.64	23.47	24	0
5	16QAM	1	24	23.51	23.61	23.54		
5	16QAM	12	0	22.36	22.61	22.51		
5	16QAM	12	7	22.60	22.68	22.59	23	1
5	16QAM	12	13	22.65	22.69	22.62		
5	16QAM	25	0	22.47	22.54	22.52		
5	64QAM	1	0	22.18	22.33	22.21		
5	64QAM	1	12	22.19	22.40	22.35	23	1
5	64QAM	1	24	22.40	22.40	22.33		
5	64QAM	12	0	21.46	21.67	21.45		
5	64QAM	12	7	21.47	21.70	21.56	22	2
5	64QAM	12	13	21.52	21.46	21.50		
5	64QAM	25	0	21.48	21.56	21.60		

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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	21.38	21.45	21.37		
20	QPSK	1	49	21.22	21.36	21.23	23	0
20	QPSK	1	99	21.32	21.34	21.31		
20	QPSK	50	0	20.37	20.41	20.40		
20	QPSK	50	24	20.31	20.37	20.35	22	1
20	QPSK	50	50	20.36	20.32	20.36		
20	QPSK	100	0	20.32	20.40	20.39		
20	16QAM	1	0	20.48	20.49	20.37		
20	16QAM	1	49	20.37	20.49	20.35	22	1
20	16QAM	1	99	20.38	20.49	20.42		
20	16QAM	50	0	19.32	19.47	19.32		
20	16QAM	50	24	19.34	19.46	19.44	21	2
20	16QAM	50	50	19.38	19.46	19.38		
20	16QAM	100	0	19.39	19.49	19.47		
20	64QAM	1	0	19.13	19.24	19.11		
20	64QAM	1	49	19.15	19.23	19.08	21	2
20	64QAM	1	99	19.15	19.23	19.11		
20	64QAM	50	0	18.33	18.43	18.29		
20	64QAM	50	24	18.44	18.45	18.44	20	3
20	64QAM	50	50	18.33	18.42	18.33		
20	64QAM	100	0	18.31	18.41	18.27		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.37	21.30	21.26		
15	QPSK	1	37	21.21	21.29	21.20	23	0
15	QPSK	1	74	21.19	21.31	21.23		
15	QPSK	36	0	20.35	20.32	20.33		
15	QPSK	36	20	20.23	20.27	20.27	22	1
15	QPSK	36	39	20.29	20.26	20.34		
15	QPSK	75	0	20.18	20.27	20.25		
15	16QAM	1	0	20.38	20.44	20.33		
15	16QAM	1	37	20.22	20.39	20.21	22	1
15	16QAM	1	74	20.25	20.37	20.27		
15	16QAM	36	0	19.21	19.39	19.26		
15	16QAM	36	20	19.19	19.37	19.29	21	2
15	16QAM	36	39	19.27	19.33	19.30		
15	16QAM	75	0	19.25	19.45	19.44		
15	64QAM	1	0	19.10	19.09	19.09		
15	64QAM	1	37	19.00	19.16	19.07	21	2
15	64QAM	1	74	19.04	19.18	19.00		
15	64QAM	36	0	18.30	18.30	18.17		
15	64QAM	36	20	18.32	18.31	18.37	20	3
15	64QAM	36	39	18.25	18.27	18.23		
15	64QAM	75	0	18.20	18.33	18.20		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.36	21.34	21.32		
10	QPSK	1	25	21.09	21.27	21.22	23	0
10	QPSK	1	49	21.28	21.31	21.25		
10	QPSK	25	0	20.23	20.37	20.31		
10	QPSK	25	12	20.16	20.36	20.20	22	1
10	QPSK	25	25	20.27	20.17	20.33		
10	QPSK	50	0	20.23	20.36	20.38		
10	16QAM	1	0	20.43	20.44	20.34		
10	16QAM	1	25	20.26	20.35	20.28	22	1
10	16QAM	1	49	20.23	20.36	20.37		
10	16QAM	25	0	19.28	19.39	19.30		
10	16QAM	25	12	19.23	19.45	19.38	21	2
10	16QAM	25	25	19.33	19.42	19.34		
10	16QAM	50	0	19.34	19.42	19.37		
10	64QAM	1	0	19.10	19.15	19.05		
10	64QAM	1	25	19.00	19.11	19.06	21	2
10	64QAM	1	49	19.01	19.15	19.04		
10	64QAM	25	0	18.19	18.32	18.26		
10	64QAM	25	12	18.35	18.42	18.33	20	3
10	64QAM	25	25	18.20	18.35	18.29		
10	64QAM	50	0	18.25	18.35	18.13		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.34	21.38	21.27		
5	QPSK	1	12	21.12	21.28	21.18	23	0
5	QPSK	1	24	21.23	21.19	21.18		
5	QPSK	12	0	20.26	20.31	20.36		
5	QPSK	12	7	20.29	20.30	20.30	22	1
5	QPSK	12	13	20.28	20.28	20.32		
5	QPSK	25	0	20.19	20.36	20.38		
5	16QAM	1	0	20.41	20.45	20.34		
5	16QAM	1	12	20.36	20.41	20.29	22	1
5	16QAM	1	24	20.28	20.44	20.29		
5	16QAM	12	0	19.23	19.42	19.18		
5	16QAM	12	7	19.19	19.36	19.42	21	2
5	16QAM	12	13	19.32	19.41	19.29		
5	16QAM	25	0	19.38	19.37	19.37		
5	64QAM	1	0	19.05	19.13	19.02		
5	64QAM	1	12	19.07	19.15	19.06	21	2
5	64QAM	1	24	19.04	19.16	19.01		
5	64QAM	12	0	18.23	18.41	18.23		
5	64QAM	12	7	18.29	18.33	18.31	20	3
5	64QAM	12	13	18.26	18.36	18.21		
5	64QAM	25	0	18.17	18.26	18.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.40	23.46	23.50	23.44	23.48	23.7	0
20	QPSK	1	49	23.39	23.37	23.44	23.34	23.40		
20	QPSK	1	99	23.32	23.30	23.40	23.32	23.32		
20	QPSK	50	0	22.44	22.49	22.56	22.53	22.51	22.7	1
20	QPSK	50	24	22.36	22.41	22.50	22.40	22.49		
20	QPSK	50	50	22.41	22.46	22.52	22.50	22.37		
20	QPSK	100	0	22.36	22.46	22.51	22.45	22.50		
20	16QAM	1	0	22.51	22.44	22.53	22.41	22.41	22.7	1
20	16QAM	1	49	22.45	22.44	22.55	22.49	22.45		
20	16QAM	1	99	22.57	22.44	22.59	22.49	22.45		
20	16QAM	50	0	21.42	21.40	21.48	21.38	21.34	21.7	2
20	16QAM	50	24	21.36	21.46	21.50	21.43	21.48		
20	16QAM	50	50	21.38	21.47	21.52	21.49	21.47		
20	16QAM	100	0	21.43	21.41	21.48	21.39	21.37		
20	64QAM	1	0	21.12	21.17	21.24	21.10	21.19	21.7	2
20	64QAM	1	49	20.94	20.89	21.00	20.88	20.93		
20	64QAM	1	99	21.27	21.26	21.33	21.29	21.19		
20	64QAM	50	0	20.33	20.43	20.48	20.37	20.45	20.7	3
20	64QAM	50	24	20.43	20.39	20.48	20.39	20.37		
20	64QAM	50	50	20.43	20.42	20.51	20.37	20.40		
20	64QAM	100	0	20.12	20.03	20.18	20.16	20.06		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.31	23.43	23.35	23.41	23.33	23.7	0
15	QPSK	1	37	23.29	23.25	23.29	23.27	23.33		
15	QPSK	1	74	23.22	23.15	23.38	23.30	23.20		
15	QPSK	36	0	22.37	22.36	22.54	22.46	22.40	22.7	1
15	QPSK	36	20	22.23	22.29	22.43	22.31	22.40		
15	QPSK	36	39	22.40	22.34	22.46	22.45	22.36		
15	QPSK	75	0	22.33	22.37	22.40	22.40	22.37		
15	16QAM	1	0	22.45	22.42	22.40	22.34	22.32	22.7	1
15	16QAM	1	37	22.43	22.31	22.45	22.44	22.36		
15	16QAM	1	74	22.45	22.30	22.57	22.36	22.30		
15	16QAM	36	0	21.36	21.38	21.38	21.34	21.29	21.7	2
15	16QAM	36	20	21.26	21.31	21.47	21.40	21.35		
15	16QAM	36	39	21.32	21.39	21.49	21.46	21.43		
15	16QAM	75	0	21.37	21.39	21.40	21.25	21.31		
15	64QAM	1	0	21.06	21.10	21.09	20.96	21.07	21.7	2
15	64QAM	1	37	20.80	20.86	20.99	20.81	20.89		
15	64QAM	1	74	21.24	21.11	21.22	21.28	21.05		
15	64QAM	36	0	20.21	20.32	20.37	20.23	20.37	20.7	3
15	64QAM	36	20	20.34	20.37	20.42	20.29	20.29		
15	64QAM	36	39	20.42	20.41	20.41	20.25	20.37		
15	64QAM	75	0	20.00	19.92	20.10	20.10	20.01		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.37	23.44	23.40	23.34	23.33	23.7	0
10	QPSK	1	25	23.36	23.35	23.37	23.33	23.32		
10	QPSK	1	49	23.20	23.18	23.28	23.22	23.28		
10	QPSK	25	0	22.35	22.48	22.52	22.42	22.38	22.7	1
10	QPSK	25	12	22.35	22.30	22.38	22.28	22.39		
10	QPSK	25	25	22.33	22.39	22.37	22.35	22.31		
10	QPSK	50	0	22.21	22.40	22.44	22.34	22.40		
10	16QAM	1	0	22.46	22.29	22.40	22.27	22.30	22.7	1
10	16QAM	1	25	22.41	22.39	22.53	22.45	22.39		
10	16QAM	1	49	22.43	22.38	22.53	22.38	22.44		
10	16QAM	25	0	21.28	21.37	21.45	21.35	21.33	21.7	2
10	16QAM	25	12	21.27	21.40	21.42	21.37	21.33		
10	16QAM	25	25	21.24	21.39	21.42	21.39	21.33		
10	16QAM	50	0	21.28	21.27	21.45	21.38	21.26		
10	64QAM	1	0	21.06	21.09	21.17	21.04	21.11	21.7	2
10	64QAM	1	25	20.93	20.81	20.92	20.80	20.85		
10	64QAM	1	49	21.14	21.22	21.30	21.15	21.16		
10	64QAM	25	0	20.28	20.31	20.36	20.31	20.38	20.7	3
10	64QAM	25	12	20.42	20.25	20.33	20.31	20.24		
10	64QAM	25	25	20.36	20.28	20.42	20.32	20.39		
10	64QAM	50	0	20.04	20.00	20.13	20.05	19.92		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.34	23.42	23.40	23.29	23.45	23.7	0
5	QPSK	1	12	23.26	23.24	23.31	23.28	23.26		
5	QPSK	1	24	23.23	23.21	23.34	23.30	23.26		
5	QPSK	12	0	22.40	22.37	22.49	22.41	22.48	22.7	1
5	QPSK	12	7	22.34	22.33	22.45	22.29	22.42		
5	QPSK	12	13	22.26	22.45	22.39	22.47	22.36		
5	QPSK	25	0	22.32	22.25	22.42	22.32	22.36		
5	16QAM	1	0	22.36	22.39	22.38	22.39	22.33	22.7	1
5	16QAM	1	12	22.35	22.38	22.40	22.38	22.41		
5	16QAM	1	24	22.44	22.31	22.45	22.47	22.42		
5	16QAM	12	0	21.35	21.29	21.36	21.30	21.21	21.7	2
5	16QAM	12	7	21.28	21.43	21.45	21.38	21.34		
5	16QAM	12	13	21.36	21.32	21.37	21.42	21.39		
5	16QAM	25	0	21.29	21.28	21.47	21.38	21.23		
5	64QAM	1	0	21.04	21.09	21.14	20.97	21.07	21.7	2
5	64QAM	1	12	20.88	20.81	20.87	20.85	20.90		
5	64QAM	1	24	21.12	21.11	21.32	21.26	21.12		
5	64QAM	12	0	20.30	20.28	20.43	20.35	20.43	20.7	3
5	64QAM	12	7	20.41	20.37	20.44	20.35	20.30		
5	64QAM	12	13	20.40	20.29	20.44	20.24	20.28		
5	64QAM	25	0	20.11	19.94	20.11	20.01	20.00		

Band 41 (HPUE)_Ant 4

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	24.77	24.86	24.89	24.76	24.81	25.3	0
20	QPSK	1	49	24.69	24.81	24.85	24.64	24.76		
20	QPSK	1	99	24.69	24.81	24.85	24.69	24.75		
20	QPSK	50	0	24.72	24.79	24.88	24.72	24.71	25.3	0
20	QPSK	50	24	24.70	24.74	24.72	24.63	24.70		
20	QPSK	50	50	24.71	24.78	24.75	24.71	24.64		
20	QPSK	100	0	24.63	24.76	24.83	24.63	24.67		
20	16QAM	1	0	24.70	24.77	24.84	24.65	24.72	25.3	0
20	16QAM	1	49	24.63	24.81	24.82	24.74	24.69		
20	16QAM	1	99	24.68	24.78	24.83	24.66	24.76		
20	16QAM	50	0	24.17	24.20	24.39	24.24	24.35	24.8	0.5
20	16QAM	50	24	24.28	24.34	24.46	24.34	24.34		
20	16QAM	50	50	24.36	24.35	24.51	24.27	24.41		
20	16QAM	100	0	24.36	24.41	24.38	24.23	24.19		
20	64QAM	1	0	24.28	24.27	24.41	24.26	24.20	24.8	0.5
20	64QAM	1	49	24.37	24.38	24.47	24.31	24.25		
20	64QAM	1	99	24.34	24.47	24.49	24.31	24.39		
20	64QAM	50	0	23.17	23.34	23.39	23.23	23.39	23.8	1.5
20	64QAM	50	24	23.23	23.35	23.36	23.22	23.30		
20	64QAM	50	50	23.22	23.34	23.37	23.30	23.30		
20	64QAM	100	0	23.37	23.26	23.29	23.26	23.25		
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	24.66	24.81	24.76	24.73	24.71	25.3	0
15	QPSK	1	37	24.54	24.72	24.73	24.51	24.75		
15	QPSK	1	74	24.67	24.71	24.84	24.65	24.67		
15	QPSK	36	0	24.71	24.65	24.87	24.62	24.61	25.3	0
15	QPSK	36	20	24.69	24.64	24.68	24.54	24.61		
15	QPSK	36	39	24.67	24.75	24.74	24.70	24.59		
15	QPSK	75	0	24.59	24.61	24.80	24.57	24.61		
15	16QAM	1	0	24.67	24.69	24.72	24.52	24.62	25.3	0
15	16QAM	1	37	24.61	24.70	24.68	24.60	24.59		
15	16QAM	1	74	24.62	24.71	24.76	24.65	24.62		
15	16QAM	36	0	24.02	24.16	24.24	24.17	24.29	24.8	0.5
15	16QAM	36	20	24.22	24.31	24.34	24.29	24.28		
15	16QAM	36	39	24.35	24.33	24.36	24.17	24.35		
15	16QAM	75	0	24.35	24.40	24.23	24.18	24.09		
15	64QAM	1	0	24.19	24.18	24.35	24.14	24.18	24.8	0.5
15	64QAM	1	37	24.27	24.34	24.40	24.16	24.17		
15	64QAM	1	74	24.31	24.37	24.47	24.28	24.29		
15	64QAM	36	0	23.05	23.30	23.26	23.13	23.25	23.8	1.5
15	64QAM	36	20	23.21	23.22	23.24	23.11	23.27		
15	64QAM	36	39	23.16	23.20	23.32	23.29	23.23		
15	64QAM	75	0	23.25	23.15	23.28	23.16	23.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.72	24.80	24.79	24.74	24.70	25.3	0
10	QPSK	1	25	24.58	24.78	24.77	24.59	24.73		
10	QPSK	1	49	24.67	24.69	24.73	24.64	24.73		
10	QPSK	25	0	24.71	24.70	24.77	24.70	24.63	25.3	0
10	QPSK	25	12	24.66	24.67	24.59	24.48	24.56		
10	QPSK	25	25	24.66	24.64	24.70	24.56	24.49		
10	QPSK	50	0	24.61	24.61	24.79	24.55	24.53		
10	16QAM	1	0	24.55	24.67	24.80	24.56	24.68	25.3	0
10	16QAM	1	25	24.55	24.78	24.76	24.61	24.64		
10	16QAM	1	49	24.63	24.77	24.79	24.60	24.67		
10	16QAM	25	0	24.10	24.08	24.38	24.10	24.30	24.8	0.5
10	16QAM	25	12	24.25	24.31	24.31	24.29	24.30		
10	16QAM	25	25	24.21	24.28	24.37	24.25	24.28		
10	16QAM	50	0	24.28	24.34	24.27	24.13	24.08		
10	64QAM	1	0	24.16	24.12	24.35	24.25	24.15	24.8	0.5
10	64QAM	1	25	24.28	24.30	24.35	24.20	24.17		
10	64QAM	1	49	24.20	24.39	24.43	24.28	24.38		
10	64QAM	25	0	23.14	23.21	23.35	23.15	23.36	23.8	1.5
10	64QAM	25	12	23.14	23.28	23.32	23.08	23.15		
10	64QAM	25	25	23.11	23.28	23.23	23.20	23.20		
10	64QAM	50	0	23.30	23.11	23.19	23.24	23.18		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.69	24.75	24.83	24.73	24.74	25.3	0
5	QPSK	1	12	24.56	24.76	24.74	24.49	24.68		
5	QPSK	1	24	24.66	24.66	24.74	24.60	24.64		
5	QPSK	12	0	24.64	24.73	24.86	24.60	24.56	25.3	0
5	QPSK	12	7	24.57	24.62	24.65	24.58	24.61		
5	QPSK	12	13	24.60	24.76	24.66	24.62	24.55		
5	QPSK	25	0	24.49	24.66	24.74	24.53	24.53		
5	16QAM	1	0	24.68	24.76	24.74	24.61	24.57	25.3	0
5	16QAM	1	12	24.56	24.67	24.67	24.64	24.67		
5	16QAM	1	24	24.64	24.64	24.77	24.51	24.67		
5	16QAM	12	0	24.07	24.14	24.29	24.10	24.22	24.8	0.5
5	16QAM	12	7	24.19	24.26	24.33	24.30	24.32		
5	16QAM	12	13	24.25	24.24	24.41	24.22	24.40		
5	16QAM	25	0	24.30	24.40	24.24	24.21	24.15		
5	64QAM	1	0	24.24	24.22	24.34	24.13	24.14	24.8	0.5
5	64QAM	1	12	24.34	24.34	24.42	24.29	24.23		
5	64QAM	1	24	24.21	24.36	24.48	24.27	24.25		
5	64QAM	12	0	23.13	23.24	23.28	23.20	23.24	23.8	1.5
5	64QAM	12	7	23.08	23.32	23.28	23.17	23.26		
5	64QAM	12	13	23.11	23.26	23.25	23.19	23.28		
5	64QAM	25	0	23.31	23.23	23.28	23.20	23.20		

Band 41_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.47	23.52	23.57	23.42	23.51	23.8	0
20	QPSK	1	49	23.43	23.46	23.50	23.38	23.45		
20	QPSK	1	99	23.45	23.42	23.54	23.40	23.44		
20	QPSK	50	0	22.54	22.53	22.56	22.49	22.53	22.8	1
20	QPSK	50	24	22.42	22.43	22.50	22.47	22.52		
20	QPSK	50	50	22.47	22.43	22.55	22.46	22.48		
20	QPSK	100	0	22.44	22.44	22.50	22.42	22.45		
20	16QAM	1	0	22.53	22.41	22.56	22.54	22.41	22.8	1
20	16QAM	1	49	22.51	22.62	22.64	22.57	22.59		
20	16QAM	1	99	22.58	22.52	22.64	22.60	22.56		
20	16QAM	50	0	21.50	21.47	21.56	21.44	21.42	21.8	2
20	16QAM	50	24	21.45	21.49	21.56	21.46	21.48		
20	16QAM	50	50	21.47	21.43	21.57	21.54	21.48		
20	16QAM	100	0	21.44	21.40	21.52	21.45	21.47		
20	64QAM	1	0	21.23	21.23	21.26	21.18	21.19	21.8	2
20	64QAM	1	49	21.33	21.34	21.35	21.26	21.26		
20	64QAM	1	99	21.22	21.23	21.37	21.33	21.31		
20	64QAM	50	0	20.36	20.45	20.48	20.34	20.34	20.8	3
20	64QAM	50	24	20.45	20.48	20.51	20.42	20.45		
20	64QAM	50	50	20.42	20.43	20.55	20.52	20.44		
20	64QAM	100	0	20.45	20.50	20.52	20.42	20.48		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.39	23.48	23.49	23.37	23.37	23.8	0
15	QPSK	1	37	23.40	23.36	23.38	23.30	23.42		
15	QPSK	1	74	23.30	23.29	23.44	23.37	23.34		
15	QPSK	36	0	22.39	22.47	22.53	22.39	22.47	22.8	1
15	QPSK	36	20	22.34	22.41	22.47	22.44	22.37		
15	QPSK	36	39	22.36	22.29	22.53	22.32	22.38		
15	QPSK	75	0	22.41	22.39	22.49	22.29	22.44		
15	16QAM	1	0	22.49	22.30	22.44	22.44	22.33	22.8	1
15	16QAM	1	37	22.50	22.50	22.50	22.42	22.49		
15	16QAM	1	74	22.50	22.38	22.49	22.50	22.54		
15	16QAM	36	0	21.38	21.35	21.42	21.31	21.30	21.8	2
15	16QAM	36	20	21.36	21.44	21.47	21.33	21.34		
15	16QAM	36	39	21.43	21.33	21.46	21.50	21.47		
15	16QAM	75	0	21.32	21.32	21.42	21.36	21.39		
15	64QAM	1	0	21.16	21.22	21.20	21.10	21.10	21.8	2
15	64QAM	1	37	21.26	21.28	21.28	21.14	21.11		
15	64QAM	1	74	21.09	21.13	21.30	21.19	21.28		
15	64QAM	36	0	20.30	20.40	20.37	20.24	20.26	20.8	3
15	64QAM	36	20	20.30	20.33	20.40	20.35	20.42		
15	64QAM	36	39	20.31	20.34	20.40	20.42	20.43		
15	64QAM	75	0	20.32	20.37	20.46	20.32	20.38		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.33	23.42	23.44	23.40	23.38	23.8	0
10	QPSK	1	25	23.37	23.39	23.49	23.35	23.31		
10	QPSK	1	49	23.38	23.40	23.47	23.34	23.40		
10	QPSK	25	0	22.52	22.51	22.48	22.38	22.40	22.8	1
10	QPSK	25	12	22.27	22.28	22.40	22.35	22.51		
10	QPSK	25	25	22.45	22.35	22.50	22.34	22.43		
10	QPSK	50	0	22.38	22.38	22.39	22.29	22.33		
10	16QAM	1	0	22.48	22.29	22.50	22.52	22.32	22.8	1
10	16QAM	1	25	22.47	22.51	22.55	22.43	22.55		
10	16QAM	1	49	22.57	22.50	22.49	22.58	22.48		
10	16QAM	25	0	21.38	21.45	21.54	21.42	21.39	21.8	2
10	16QAM	25	12	21.44	21.44	21.45	21.40	21.44		
10	16QAM	25	25	21.39	21.41	21.52	21.44	21.39		
10	16QAM	50	0	21.37	21.33	21.50	21.31	21.34		
10	64QAM	1	0	21.19	21.12	21.21	21.05	21.04	21.8	2
10	64QAM	1	25	21.23	21.28	21.32	21.16	21.11		
10	64QAM	1	49	21.18	21.12	21.25	21.31	21.18		
10	64QAM	25	0	20.23	20.33	20.33	20.21	20.26	20.8	3
10	64QAM	25	12	20.36	20.41	20.37	20.29	20.37		
10	64QAM	25	25	20.34	20.32	20.42	20.51	20.33		
10	64QAM	50	0	20.39	20.42	20.41	20.31	20.39		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.32	23.39	23.52	23.41	23.42	23.8	0
5	QPSK	1	12	23.34	23.42	23.48	23.24	23.33		
5	QPSK	1	24	23.37	23.33	23.52	23.37	23.43		
5	QPSK	12	0	22.51	22.51	22.43	22.35	22.42	22.8	1
5	QPSK	12	7	22.35	22.31	22.46	22.40	22.39		
5	QPSK	12	13	22.40	22.36	22.51	22.42	22.38		
5	QPSK	25	0	22.35	22.31	22.55	22.34	22.32		
5	16QAM	1	0	22.41	22.39	22.54	22.43	22.34	22.8	1
5	16QAM	1	12	22.44	22.58	22.50	22.50	22.58		
5	16QAM	1	24	22.51	22.51	22.51	22.56	22.43		
5	16QAM	12	0	21.44	21.32	21.54	21.39	21.27	21.8	2
5	16QAM	12	7	21.44	21.38	21.50	21.33	21.43		
5	16QAM	12	13	21.37	21.32	21.45	21.42	21.47		
5	16QAM	25	0	21.40	21.36	21.42	21.42	21.34		
5	64QAM	1	0	21.18	21.13	21.20	21.03	21.12	21.8	2
5	64QAM	1	12	21.27	21.26	21.29	21.13	21.24		
5	64QAM	1	24	21.18	21.22	21.31	21.18	21.16		
5	64QAM	12	0	20.32	20.40	20.39	20.30	20.24	20.8	3
5	64QAM	12	7	20.35	20.33	20.48	20.30	20.39		
5	64QAM	12	13	20.28	20.36	20.44	20.49	20.38		
5	64QAM	25	0	20.35	20.48	20.44	20.40	20.46		

Band 41 (HPUE)_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	26.40	26.51	26.54	26.39	26.50	26.8	0
20	QPSK	1	49	26.38	26.36	26.47	26.35	26.46		
20	QPSK	1	99	26.38	26.44	26.50	26.37	26.39		
20	QPSK	50	0	25.41	25.39	25.44	25.42	25.36	25.8	1
20	QPSK	50	24	25.36	25.36	25.38	25.40	25.35		
20	QPSK	50	50	25.40	25.36	25.31	25.39	25.30		
20	QPSK	100	0	25.46	25.37	25.47	25.46	25.44		
20	16QAM	1	0	25.53	25.48	25.61	25.50	25.58	25.8	1
20	16QAM	1	49	25.57	25.57	25.68	25.60	25.59		
20	16QAM	1	99	25.67	25.67	25.70	25.66	25.65		
20	16QAM	50	0	24.43	24.41	24.49	24.36	24.35	24.8	2
20	16QAM	50	24	24.54	24.50	24.57	24.46	24.52		
20	16QAM	50	50	24.53	24.44	24.56	24.45	24.51		
20	16QAM	100	0	24.39	24.36	24.46	24.34	24.34		
20	64QAM	1	0	24.40	24.43	24.53	24.49	24.51	24.8	2
20	64QAM	1	49	24.41	24.48	24.53	24.52	24.51		
20	64QAM	1	99	24.43	24.49	24.54	24.49	24.50		
20	64QAM	50	0	23.29	23.34	23.44	23.43	23.34	23.8	3
20	64QAM	50	24	23.36	23.33	23.46	23.45	23.43		
20	64QAM	50	50	23.34	23.41	23.46	23.43	23.43		
20	64QAM	100	0	23.36	23.43	23.45	23.35	23.32		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	26.36	26.43	26.51	26.37	26.40	26.8	0
15	QPSK	1	37	26.24	26.33	26.42	26.31	26.38		
15	QPSK	1	74	26.36	26.29	26.42	26.30	26.30		
15	QPSK	36	0	25.32	25.27	25.35	25.37	25.29	25.8	1
15	QPSK	36	20	25.23	25.29	25.27	25.35	25.27		
15	QPSK	36	39	25.38	25.29	25.29	25.26	25.18		
15	QPSK	75	0	25.33	25.29	25.44	25.37	25.36		
15	16QAM	1	0	25.44	25.35	25.54	25.47	25.55	25.8	1
15	16QAM	1	37	25.51	25.53	25.60	25.56	25.57		
15	16QAM	1	74	25.64	25.57	25.57	25.57	25.55		
15	16QAM	36	0	24.41	24.32	24.35	24.28	24.24	24.8	2
15	16QAM	36	20	24.51	24.40	24.45	24.42	24.45		
15	16QAM	36	39	24.38	24.37	24.55	24.35	24.43		
15	16QAM	75	0	24.27	24.22	24.39	24.23	24.30		
15	64QAM	1	0	24.32	24.29	24.41	24.46	24.44	24.8	2
15	64QAM	1	37	24.36	24.43	24.43	24.41	24.39		
15	64QAM	1	74	24.32	24.36	24.48	24.37	24.43		
15	64QAM	36	0	23.24	23.24	23.37	23.33	23.28	23.8	3
15	64QAM	36	20	23.26	23.01	23.33	23.34	23.36		
15	64QAM	36	39	23.21	23.29	23.37	23.34	23.31		
15	64QAM	75	0	23.23	23.38	23.34	23.27	23.31		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	26.32	26.41	26.48	26.30	26.37	26.8	0
10	QPSK	1	25	26.25	26.24	26.42	26.30	26.38		
10	QPSK	1	49	26.23	26.43	26.37	26.34	26.28		
10	QPSK	25	0	25.27	25.32	25.42	25.39	25.33	25.8	1
10	QPSK	25	12	25.33	25.28	25.29	25.34	25.23		
10	QPSK	25	25	25.33	25.27	25.23	25.33	25.21		
10	QPSK	50	0	25.40	25.31	25.44	25.38	25.36		
10	16QAM	1	0	25.44	25.35	25.46	25.36	25.54	25.8	1
10	16QAM	1	25	25.49	25.45	25.62	25.51	25.55		
10	16QAM	1	49	25.58	25.60	25.55	25.53	25.52		
10	16QAM	25	0	24.42	24.26	24.47	24.28	24.32	24.8	2
10	16QAM	25	12	24.41	24.38	24.44	24.44	24.39		
10	16QAM	25	25	24.41	24.31	24.46	24.44	24.44		
10	16QAM	50	0	24.28	24.21	24.33	24.23	24.28		
10	64QAM	1	0	24.30	24.41	24.52	24.41	24.48	24.8	2
10	64QAM	1	25	24.32	24.35	24.47	24.46	24.45		
10	64QAM	1	49	24.28	24.48	24.45	24.37	24.49		
10	64QAM	25	0	23.25	23.28	23.34	23.31	23.20	23.8	3
10	64QAM	25	12	23.24	23.30	23.39	23.41	23.34		
10	64QAM	25	25	23.24	23.27	23.43	23.31	23.40		
10	64QAM	50	0	23.29	23.33	23.38	23.22	23.27		
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	26.30	26.37	26.39	26.28	26.49	26.8	0
5	QPSK	1	12	26.28	26.28	26.36	26.20	26.40		
5	QPSK	1	24	26.33	26.36	26.38	26.31	26.35		
5	QPSK	12	0	25.37	25.26	25.30	25.36	25.26	25.8	1
5	QPSK	12	7	25.31	25.29	25.36	25.27	25.25		
5	QPSK	12	13	25.39	25.25	25.20	25.36	25.28		
5	QPSK	25	0	25.35	25.32	25.33	25.40	25.43		
5	16QAM	1	0	25.51	25.35	25.48	25.42	25.53	25.8	1
5	16QAM	1	12	25.44	25.42	25.56	25.46	25.57		
5	16QAM	1	24	25.57	25.59	25.69	25.58	25.61		
5	16QAM	12	0	24.32	24.34	24.40	24.22	24.24	24.8	2
5	16QAM	12	7	24.46	24.43	24.48	24.37	24.37		
5	16QAM	12	13	24.38	24.41	24.42	24.31	24.48		
5	16QAM	25	0	24.38	24.35	24.33	24.23	24.26		
5	64QAM	1	0	24.30	24.28	24.47	24.35	24.41	24.8	2
5	64QAM	1	12	24.32	24.42	24.47	24.43	24.41		
5	64QAM	1	24	24.40	24.41	24.52	24.37	24.36		
5	64QAM	12	0	23.24	23.22	23.30	23.38	23.33	23.8	3
5	64QAM	12	7	23.26	23.32	23.40	23.37	23.34		
5	64QAM	12	13	23.27	23.37	23.40	23.33	23.33		
5	64QAM	25	0	23.35	23.39	23.30	23.25	23.27		

Band 41_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.47	20.42	20.48	20.08	20.02	20.8	0
20	QPSK	1	49	20.21	20.25	20.25	20.07	19.96		
20	QPSK	1	99	20.25	20.26	20.24	20.01	19.98		
20	QPSK	50	0	19.39	19.35	19.40	19.09	19.13	19.8	1
20	QPSK	50	24	19.31	19.29	19.16	19.08	19.08		
20	QPSK	50	50	19.34	19.26	19.20	19.03	19.12		
20	QPSK	100	0	19.38	19.27	19.39	19.08	19.05		
20	16QAM	1	0	18.69	18.74	18.70	18.45	18.59	19.8	1
20	16QAM	1	49	18.72	18.77	18.71	18.50	18.48		
20	16QAM	1	99	18.96	19.07	19.00	18.84	18.87		
20	16QAM	50	0	18.24	18.23	18.27	18.09	18.05	18.8	2
20	16QAM	50	24	18.04	17.99	17.99	17.82	17.83		
20	16QAM	50	50	18.28	18.34	18.26	18.14	18.08		
20	16QAM	100	0	17.92	17.99	17.95	17.77	17.74		
20	64QAM	1	0	17.77	17.85	17.76	17.65	17.60	18.8	2
20	64QAM	1	49	18.13	18.05	18.06	17.85	17.87		
20	64QAM	1	99	18.03	18.09	18.04	17.93	17.91		
20	64QAM	50	0	17.26	17.34	17.27	17.11	17.05	17.8	3
20	64QAM	50	24	17.26	17.23	17.28	17.07	17.12		
20	64QAM	50	50	17.23	17.29	17.26	17.09	17.12		
20	64QAM	100	0	16.93	17.03	16.96	16.79	16.71		
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	20.42	20.27	20.23	19.95	19.88	20.8	0
15	QPSK	1	37	20.14	20.24	20.19	20.03	19.93		
15	QPSK	1	74	20.13	20.18	20.19	19.98	19.97		
15	QPSK	36	0	19.27	19.34	19.18	19.07	19.06	19.8	1
15	QPSK	36	20	19.16	19.20	19.15	19.04	19.04		
15	QPSK	36	39	19.28	19.18	19.08	18.93	19.07		
15	QPSK	75	0	19.34	19.21	19.10	19.02	19.00		
15	16QAM	1	0	18.67	18.65	18.62	18.36	18.58	19.8	1
15	16QAM	1	37	18.69	18.73	18.67	18.48	18.46		
15	16QAM	1	74	18.86	18.94	18.99	18.82	18.73		
15	16QAM	36	0	18.12	18.22	18.14	18.06	17.97	18.8	2
15	16QAM	36	20	18.00	17.89	17.96	17.67	17.72		
15	16QAM	36	39	18.26	18.23	18.24	18.09	17.94		
15	16QAM	75	0	17.89	17.95	17.92	17.66	17.62		
15	64QAM	1	0	17.70	17.79	17.61	17.57	17.48	18.8	2
15	64QAM	1	37	18.02	17.94	17.91	17.71	17.81		
15	64QAM	1	74	18.01	17.94	17.91	17.85	17.88		
15	64QAM	36	0	17.23	17.25	17.15	17.04	16.93	17.8	3
15	64QAM	36	20	17.15	17.16	17.27	17.01	17.11		
15	64QAM	36	39	17.15	17.19	17.15	17.03	16.98		
15	64QAM	75	0	16.82	16.93	16.91	16.65	16.61		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.37	20.33	20.21	19.94	19.92	20.8	0
10	QPSK	1	25	20.18	20.23	20.14	19.96	19.84		
10	QPSK	1	49	20.18	20.21	20.13	19.87	19.84		
10	QPSK	25	0	19.35	19.31	19.21	19.05	19.10	19.8	1
10	QPSK	25	12	19.23	19.20	19.06	19.02	18.93		
10	QPSK	25	25	19.19	19.21	19.19	18.98	18.97		
10	QPSK	50	0	19.29	19.15	19.20	18.96	18.91		
10	16QAM	1	0	18.65	18.61	18.64	18.36	18.58	19.8	1
10	16QAM	1	25	18.60	18.64	18.60	18.35	18.39		
10	16QAM	1	49	18.93	19.03	18.91	18.73	18.76		
10	16QAM	25	0	18.11	18.08	18.23	18.05	18.04	18.8	2
10	16QAM	25	12	18.00	17.87	17.90	17.72	17.74		
10	16QAM	25	25	18.27	18.26	18.18	18.09	18.01		
10	16QAM	50	0	17.90	17.91	17.93	17.69	17.65		
10	64QAM	1	0	17.74	17.83	17.62	17.63	17.45	18.8	2
10	64QAM	1	25	18.10	17.96	17.97	17.81	17.83		
10	64QAM	1	49	17.95	18.06	17.95	17.79	17.89		
10	64QAM	25	0	17.25	17.24	17.12	17.10	16.98	17.8	3
10	64QAM	25	12	17.17	17.21	17.20	16.94	17.11		
10	64QAM	25	25	17.22	17.24	17.11	17.07	17.00		
10	64QAM	50	0	16.86	17.02	16.94	16.69	16.64		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.46	20.38	20.11	20.05	19.99	20.8	0
5	QPSK	1	12	20.08	20.23	20.16	19.97	19.88		
5	QPSK	1	24	20.16	20.19	20.18	19.89	19.95		
5	QPSK	12	0	19.37	19.23	19.13	18.96	19.10	19.8	1
5	QPSK	12	7	19.29	19.28	19.09	18.96	18.96		
5	QPSK	12	13	19.19	19.24	19.10	18.99	19.03		
5	QPSK	25	0	19.36	19.18	19.07	19.02	18.92		
5	16QAM	1	0	18.54	18.59	18.57	18.38	18.47	19.8	1
5	16QAM	1	12	18.67	18.64	18.60	18.46	18.36		
5	16QAM	1	24	18.95	18.95	18.96	18.81	18.78		
5	16QAM	12	0	18.17	18.09	18.16	18.01	18.03	18.8	2
5	16QAM	12	7	17.91	17.95	17.96	17.81	17.79		
5	16QAM	12	13	18.16	18.31	18.18	18.06	17.96		
5	16QAM	25	0	17.87	17.87	17.92	17.68	17.60		
5	64QAM	1	0	17.74	17.82	17.70	17.51	17.47	18.8	2
5	64QAM	1	12	18.07	17.97	17.94	17.84	17.81		
5	64QAM	1	24	17.92	17.99	17.89	17.81	17.79		
5	64QAM	12	0	17.22	17.20	17.24	16.96	16.96	17.8	3
5	64QAM	12	7	17.20	17.09	17.27	16.94	17.02		
5	64QAM	12	13	17.10	17.15	17.24	17.08	17.11		
5	64QAM	25	0	16.91	16.91	16.84	16.72	16.69		

Band 41 (HPUE)_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.47	23.39	23.48	23.03	23.08	23.8	0
20	QPSK	1	49	23.33	23.35	23.23	23.01	23.02		
20	QPSK	1	99	23.36	23.37	23.19	22.96	23.06		
20	QPSK	50	0	22.41	22.37	22.42	22.07	22.06	22.8	1
20	QPSK	50	24	22.27	22.30	22.21	21.99	21.99		
20	QPSK	50	50	22.40	22.29	22.23	22.06	22.02		
20	QPSK	100	0	22.34	22.30	22.35	22.00	22.04		
20	16QAM	1	0	22.49	22.57	22.41	22.30	22.27	22.8	1
20	16QAM	1	49	22.60	22.55	22.41	22.25	22.25		
20	16QAM	1	99	22.49	22.46	22.38	22.27	22.15		
20	16QAM	50	0	21.49	21.37	21.31	21.16	21.16	21.8	2
20	16QAM	50	24	21.33	21.35	21.24	21.09	21.04		
20	16QAM	50	50	21.44	21.45	21.28	21.11	21.08		
20	16QAM	100	0	21.05	21.12	20.96	20.80	20.76		
20	64QAM	1	0	21.42	21.45	21.26	21.15	21.05	21.8	2
20	64QAM	1	49	21.34	21.37	21.29	21.09	21.11		
20	64QAM	1	99	21.14	21.18	20.99	20.84	20.81		
20	64QAM	50	0	20.41	20.39	20.23	19.98	19.98	20.8	3
20	64QAM	50	24	20.30	20.27	20.22	20.03	20.10		
20	64QAM	50	50	20.37	20.30	20.23	20.03	20.07		
20	64QAM	100	0	20.34	20.24	20.19	20.07	19.94		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.43	23.28	23.15	23.02	22.96	23.8	0
15	QPSK	1	37	23.31	23.22	23.15	22.96	22.92		
15	QPSK	1	74	23.21	23.36	23.07	22.89	22.97		
15	QPSK	36	0	22.33	22.26	22.19	21.99	21.92	22.8	1
15	QPSK	36	20	22.24	22.16	22.11	21.88	21.90		
15	QPSK	36	39	22.38	22.23	22.20	22.02	21.97		
15	QPSK	75	0	22.22	22.26	22.22	21.99	22.00		
15	16QAM	1	0	22.36	22.43	22.38	22.17	22.14	22.8	1
15	16QAM	1	37	22.57	22.47	22.29	22.23	22.17		
15	16QAM	1	74	22.41	22.35	22.29	22.26	22.06		
15	16QAM	36	0	21.45	21.22	21.16	21.13	21.14	21.8	2
15	16QAM	36	20	21.25	21.25	21.21	20.96	20.92		
15	16QAM	36	39	21.41	21.32	21.25	21.04	21.05		
15	16QAM	75	0	21.00	21.09	20.84	20.73	20.72		
15	64QAM	1	0	21.31	21.32	21.24	21.01	20.96	21.8	2
15	64QAM	1	37	21.20	21.26	21.28	21.07	21.04		
15	64QAM	1	74	21.05	21.08	20.85	20.71	20.72		
15	64QAM	36	0	20.38	20.35	20.21	19.94	19.96	20.8	3
15	64QAM	36	20	20.21	20.19	20.20	20.01	19.95		
15	64QAM	36	39	20.31	20.23	20.22	19.94	19.94		
15	64QAM	75	0	20.25	20.11	20.05	19.94	19.87		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.40	23.26	23.24	23.00	22.97	23.8	0
10	QPSK	1	25	23.22	23.28	23.15	22.87	23.00		
10	QPSK	1	49	23.29	23.31	23.16	22.85	23.01		
10	QPSK	25	0	22.38	22.25	22.22	22.02	22.01	22.8	1
10	QPSK	25	12	22.18	22.21	22.17	21.93	21.91		
10	QPSK	25	25	22.26	22.16	22.18	21.99	21.92		
10	QPSK	50	0	22.20	22.28	22.14	21.97	21.97		
10	16QAM	1	0	22.34	22.42	22.33	22.28	22.24	22.8	1
10	16QAM	1	25	22.48	22.45	22.36	22.14	22.10		
10	16QAM	1	49	22.38	22.33	22.30	22.14	22.00		
10	16QAM	25	0	21.39	21.35	21.27	21.12	21.12	21.8	2
10	16QAM	25	12	21.25	21.24	21.10	21.02	20.95		
10	16QAM	25	25	21.34	21.34	21.14	21.10	21.01		
10	16QAM	50	0	20.93	20.98	20.92	20.65	20.70		
10	64QAM	1	0	21.34	21.37	21.23	21.13	20.92	21.8	2
10	64QAM	1	25	21.22	21.28	21.24	21.08	20.99		
10	64QAM	1	49	20.99	21.15	20.86	20.69	20.72		
10	64QAM	25	0	20.28	20.38	20.20	19.93	19.84	20.8	3
10	64QAM	25	12	20.20	20.26	20.07	20.01	20.09		
10	64QAM	25	25	20.25	20.29	20.15	20.00	20.02		
10	64QAM	50	0	20.20	20.13	20.17	19.97	19.80		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.39	23.37	23.24	23.02	22.95	23.8	0
5	QPSK	1	12	23.20	23.32	23.21	22.92	22.97		
5	QPSK	1	24	23.26	23.36	23.08	22.93	23.03		
5	QPSK	12	0	22.29	22.28	22.11	22.01	21.98	22.8	1
5	QPSK	12	7	22.19	22.24	22.12	21.86	21.92		
5	QPSK	12	13	22.25	22.19	22.11	21.95	21.88		
5	QPSK	25	0	22.29	22.31	22.21	22.03	21.92		
5	16QAM	1	0	22.46	22.54	22.26	22.23	22.14	22.8	1
5	16QAM	1	12	22.48	22.49	22.33	22.12	22.24		
5	16QAM	1	24	22.39	22.44	22.30	22.22	22.12		
5	16QAM	12	0	21.47	21.28	21.24	21.04	21.06	21.8	2
5	16QAM	12	7	21.24	21.30	21.15	20.95	20.94		
5	16QAM	12	13	21.38	21.30	21.23	21.01	20.94		
5	16QAM	25	0	20.97	21.02	20.92	20.78	20.75		
5	64QAM	1	0	21.33	21.31	21.16	21.01	20.94	21.8	2
5	64QAM	1	12	21.20	21.36	21.24	20.97	21.06		
5	64QAM	1	24	21.10	21.03	20.90	20.76	20.66		
5	64QAM	12	0	20.40	20.26	20.09	19.97	19.88	20.8	3
5	64QAM	12	7	20.15	20.24	20.18	20.01	20.01		
5	64QAM	12	13	20.31	20.15	20.22	19.97	20.05		
5	64QAM	25	0	20.27	20.21	20.08	20.06	19.79		

Reduced Power Mode for ECI15

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	29.56	30.02	29.94	**30.80**	20.56	21.02	20.94	**21.80**
GPRS 1 Tx slot	29.66	30.03	29.99	**30.80**	20.66	21.03	20.99	**21.80**
GPRS 2 Tx slots	26.60	27.02	26.89	**27.80**	20.60	21.02	20.89	**21.80**
GPRS 3 Tx slots	24.86	25.26	25.14	**25.80**	20.60	21.00	20.88	**21.54**
GPRS 4 Tx slots	23.61	24.02	23.89	**24.80**	20.61	21.02	20.89	**21.80**
EDGE(GMSK 1 Tx slot)	29.56	29.88	29.88	**30.80**	20.56	20.88	20.88	**21.80**
EDGE(GMSK 2 Tx slot)	26.55	26.97	26.87	**27.80**	20.55	20.97	20.87	**21.80**
EDGE(GMSK 3 Tx slot)	24.83	25.14	25.03	**25.80**	20.57	20.88	20.77	**21.54**
EDGE(GMSK 4 Tx slot)	23.52	24.00	23.78	**24.80**	20.52	21.00	20.78	**21.80**
EDGE 1 Tx slot	26.05	26.41	26.60	**27.80**	17.05	17.41	17.60	**18.80**
EDGE 2 Tx slots	23.87	23.94	24.08	**25.80**	17.87	17.94	18.08	**19.80**
EDGE 3 Tx slots	22.01	22.23	22.31	**23.30**	17.75	17.97	18.05	**19.04**
EDGE 4 Tx slots	21.26	21.54	21.63	**22.80**	18.26	18.54	18.63	**19.80**

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	28.92	29.05	28.95	**30.30**	19.92	20.05	19.95	**21.30**
GPRS 1 Tx slot	28.95	29.20	29.05	**30.30**	19.95	20.20	20.05	**21.30**
GPRS 2 Tx slots	25.97	26.20	26.02	**27.30**	19.97	20.20	20.02	**21.30**
GPRS 3 Tx slots	24.19	24.45	24.26	**25.30**	19.93	20.19	20.00	**21.04**
GPRS 4 Tx slots	22.92	23.15	22.94	**24.30**	19.92	20.15	19.94	**21.30**
EDGE(GMSK 1 Tx slot)	28.94	29.19	28.92	**30.30**	19.94	20.19	19.92	**21.30**
EDGE(GMSK 2 Tx slot)	25.85	26.06	25.93	**27.30**	19.85	20.06	19.93	**21.30**
EDGE(GMSK 3 Tx slot)	24.16	24.42	24.18	**25.30**	19.90	20.16	19.92	**21.04**
EDGE(GMSK 4 Tx slot)	22.89	23.03	22.89	**24.30**	19.89	20.03	19.89	**21.30**
EDGE 1 Tx slot	24.98	25.01	25.10	**26.80**	15.98	16.01	16.10	**17.80**
EDGE 2 Tx slots	22.80	22.80	22.95	**24.80**	16.80	16.80	16.95	**18.80**
EDGE 3 Tx slots	20.97	20.89	20.94	**22.30**	16.71	16.63	16.68	**18.04**
EDGE 4 Tx slots	20.14	20.20	20.23	**21.80**	17.14	17.20	17.23	**18.80**

GSM1900_Ant 4	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	29.51	29.78	29.88	**30.30**	20.51	20.78	20.88	**21.30**
GPRS 1 Tx slot	29.51	29.77	29.87	**30.30**	20.51	20.77	20.87	**21.30**
GPRS 2 Tx slots	27.04	27.39	27.38	**28.30**	21.04	21.39	21.38	**22.30**
GPRS 3 Tx slots	25.27	25.51	25.59	**26.30**	21.01	21.25	21.33	**22.04**
GPRS 4 Tx slots	23.98	24.11	24.14	**24.80**	20.98	21.11	21.14	**21.80**
EDGE(GMSK 1 Tx slot)	29.49	29.70	29.82	**30.30**	20.49	20.70	20.82	**21.30**
EDGE(GMSK 2 Tx slot)	26.93	27.24	27.24	**28.30**	20.93	21.24	21.24	**22.30**
EDGE(GMSK 3 Tx slot)	25.24	25.46	25.55	**26.30**	20.98	21.20	21.29	**22.04**
EDGE(GMSK 4 Tx slot)	23.96	24.11	24.13	**24.80**	20.96	21.11	21.13	**21.80**
EDGE 1 Tx slot	25.61	25.75	25.71	**26.80**	16.61	16.75	16.71	**17.80**
EDGE 2 Tx slots	22.45	22.56	22.47	**23.80**	16.45	16.56	16.47	**17.80**
EDGE 3 Tx slots	20.95	20.97	20.85	**22.30**	16.69	16.71	16.59	**18.04**
EDGE 4 Tx slots	20.06	20.10	19.99	**21.80**	17.06	17.10	16.99	**18.80**

GSM1900_Ant 3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.70	26.88	26.79	**27.80**	17.70	17.88	17.79	**18.80**
GPRS 1 Tx slot	26.79	26.97	26.90	**27.80**	17.79	17.97	17.90	**18.80**
GPRS 2 Tx slots	23.82	23.93	23.89	**24.80**	17.82	17.93	17.89	**18.80**
GPRS 3 Tx slots	21.95	22.15	21.98	**23.00**	17.69	17.89	17.72	**18.74**
GPRS 4 Tx slots	20.74	20.88	20.83	**21.80**	17.74	17.88	17.83	**18.80**
EDGE(GMSK 1 Tx slot)	26.70	26.94	26.87	**27.80**	17.70	17.94	17.87	**18.80**
EDGE(GMSK 2 Tx slot)	23.89	23.85	23.80	**24.80**	17.89	17.85	17.80	**18.80**
EDGE(GMSK 3 Tx slot)	21.91	22.10	21.85	**23.00**	17.65	17.84	17.59	**18.74**
EDGE(GMSK 4 Tx slot)	20.73	20.76	20.80	**21.80**	17.73	17.76	17.80	**18.80**
EDGE 1 Tx slot	25.60	25.82	25.65	**27.30**	16.60	16.82	16.65	**18.30**
EDGE 2 Tx slots	22.67	22.74	22.73	**24.30**	16.67	16.74	16.73	**18.30**
EDGE 3 Tx slots	20.82	20.96	20.71	**22.50**	16.56	16.70	16.45	**18.24**
EDGE 4 Tx slots	19.60	19.74	19.69	**21.30**	16.60	16.74	16.69	**18.30**

Band		WCDMA II_Ant 4			Tune-up Limit (dBm)	WCDMA II_Ant 3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.77	23.77	23.68	**24.80**	17.08	17.15	17.18	**17.80**
3GPP Rel 99	RMC 12.2Kbps	23.87	23.89	23.82	**24.80**	17.22	17.24	17.20	**17.80**
3GPP Rel 6	HSDPA Subtest-1	22.87	22.91	22.87	**24.80**	17.22	17.24	17.27	**17.80**
3GPP Rel 6	HSDPA Subtest-2	22.87	22.96	22.86	**24.80**	17.23	17.27	17.29	**17.80**
3GPP Rel 6	HSDPA Subtest-3	22.42	22.47	22.45	**24.30**	17.30	17.34	17.35	**17.80**
3GPP Rel 6	HSDPA Subtest-4	22.38	22.47	22.40	**24.30**	17.24	17.25	17.32	**17.80**
3GPP Rel 8	DC-HSDPA Subtest-1	22.88	22.82	22.81	**24.80**	17.16	17.20	17.23	**17.80**
3GPP Rel 8	DC-HSDPA Subtest-2	22.84	22.94	22.83	**24.80**	17.12	17.26	17.14	**17.80**
3GPP Rel 8	DC-HSDPA Subtest-3	22.38	22.39	22.32	**24.30**	17.19	17.32	17.32	**17.80**
3GPP Rel 8	DC-HSDPA Subtest-4	22.33	22.44	22.35	**24.30**	17.21	17.15	17.24	**17.80**
3GPP Rel 6	HSUPA Subtest-1	20.92	20.87	20.81	**21.80**	17.18	17.21	17.12	**17.80**
3GPP Rel 6	HSUPA Subtest-2	20.94	20.93	20.87	**21.80**	17.17	17.17	17.16	**17.80**
3GPP Rel 6	HSUPA Subtest-3	21.91	21.90	21.86	**22.80**	17.15	17.11	17.08	**17.80**
3GPP Rel 6	HSUPA Subtest-4	20.44	20.45	20.42	**21.80**	17.20	17.19	17.11	**17.80**
3GPP Rel 6	HSUPA Subtest-5	21.90	21.90	21.90	**22.80**	17.07	17.11	17.14	**17.80**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.89	20.87	20.80	**22.80**	17.10	17.13	17.15	**17.80**

Band		WCDMA IV_Ant 4			Tune-up Limit (dBm)	WCDMA IV_Ant 3			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.11	24.07	24.16	**24.80**	16.68	16.63	16.68	**16.80**
3GPP Rel 99	RMC 12.2Kbps	24.25	24.26	24.18	**24.80**	16.74	16.77	16.71	**16.80**
3GPP Rel 6	HSDPA Subtest-1	23.26	23.24	23.15	**23.80**	16.74	16.75	16.75	**16.80**
3GPP Rel 6	HSDPA Subtest-2	23.28	23.28	23.19	**23.80**	16.69	16.68	16.73	**16.80**
3GPP Rel 6	HSDPA Subtest-3	22.85	22.81	22.66	**23.30**	16.74	16.70	16.69	**16.80**
3GPP Rel 6	HSDPA Subtest-4	22.78	22.78	22.74	**23.30**	16.69	16.68	16.68	**16.80**
3GPP Rel 8	DC-HSDPA Subtest-1	23.27	23.27	23.34	**23.80**	16.66	16.72	16.62	**16.80**
3GPP Rel 8	DC-HSDPA Subtest-2	23.30	23.29	23.27	**23.80**	16.61	16.67	16.72	**16.80**
3GPP Rel 8	DC-HSDPA Subtest-3	22.79	22.85	22.86	**23.30**	16.59	16.67	16.69	**16.80**
3GPP Rel 8	DC-HSDPA Subtest-4	22.73	22.79	22.74	**23.30**	16.66	16.76	16.75	**16.80**
3GPP Rel 6	HSUPA Subtest-1	21.34	21.35	21.33	**21.80**	16.61	16.75	16.70	**16.80**
3GPP Rel 6	HSUPA Subtest-2	21.35	21.36	21.35	**21.80**	16.70	16.66	16.56	**16.80**
3GPP Rel 6	HSUPA Subtest-3	22.37	22.38	22.35	**22.80**	16.63	16.73	16.58	**16.80**
3GPP Rel 6	HSUPA Subtest-4	20.89	20.89	20.84	**21.80**	16.59	16.70	16.62	**16.80**
3GPP Rel 6	HSUPA Subtest-5	22.40	22.40	22.30	**22.80**	16.73	16.72	16.64	**16.80**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.32	21.32	21.21	**22.80**	16.69	16.68	16.58	**16.80**

复用ECI13

Band		WCDMA V_Ant 1			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.19	20.22	20.17	**21.30**	20.33	20.40	20.20	**21.30**
3GPP Rel 99	RMC 12.2Kbps	20.34	20.36	20.31	**21.30**	20.35	20.41	20.33	**21.30**
3GPP Rel 6	HSDPA Subtest-1	20.27	20.29	20.31	**21.30**	20.34	20.30	20.30	**21.30**
3GPP Rel 6	HSDPA Subtest-2	20.29	20.31	20.34	**21.30**	20.26	20.31	20.26	**21.30**
3GPP Rel 6	HSDPA Subtest-3	20.29	20.29	20.30	**21.30**	20.33	20.27	20.30	**21.30**
3GPP Rel 6	HSDPA Subtest-4	20.28	20.28	20.29	**21.30**	20.29	20.32	20.25	**21.30**
3GPP Rel 8	DC-HSDPA Subtest-1	20.23	20.20	20.29	**21.30**	20.24	20.26	20.15	**21.30**
3GPP Rel 8	DC-HSDPA Subtest-2	20.16	20.29	20.28	**21.30**	20.19	20.18	20.15	**21.30**
3GPP Rel 8	DC-HSDPA Subtest-3	20.18	20.25	20.18	**21.30**	20.20	20.13	20.29	**21.30**
3GPP Rel 8	DC-HSDPA Subtest-4	20.14	20.24	20.23	**21.30**	20.28	20.22	20.14	**21.30**
3GPP Rel 6	HSUPA Subtest-1	20.20	20.28	20.16	**21.30**	20.05	20.08	20.03	**20.80**
3GPP Rel 6	HSUPA Subtest-2	20.21	20.31	20.21	**21.30**	20.04	20.06	20.06	**20.80**
3GPP Rel 6	HSUPA Subtest-3	20.23	20.31	20.28	**21.30**	20.26	20.31	20.29	**21.30**
3GPP Rel 6	HSUPA Subtest-4	20.30	20.27	20.24	**21.30**	19.61	19.63	19.57	**20.80**
3GPP Rel 6	HSUPA Subtest-5	20.24	20.31	20.23	**21.30**	20.30	20.30	20.30	**21.30**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.30	20.35	20.19	**21.30**	20.02	19.91	19.95	**21.30**

Band 2_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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.11	23.12	23.04		
20	QPSK	1	49	22.98	23.02	22.99	23.8	0
20	QPSK	1	99	22.85	22.90	22.88		
20	QPSK	50	0	22.22	22.24	22.10		
20	QPSK	50	24	22.10	22.15	22.02	22.8	1
20	QPSK	50	50	21.97	22.11	22.01		
20	QPSK	100	0	22.09	22.14	22.03		
20	16QAM	1	0	22.40	22.41	22.35		
20	16QAM	1	49	22.36	22.42	22.28	22.8	1
20	16QAM	1	99	22.31	22.37	22.31		
20	16QAM	50	0	21.05	21.12	21.01		
20	16QAM	50	24	21.02	21.11	21.10	21.8	2
20	16QAM	50	50	21.00	21.11	20.98		
20	16QAM	100	0	20.98	21.12	21.05		
20	64QAM	1	0	21.31	21.34	21.33		
20	64QAM	1	49	21.28	21.32	21.19	21.8	2
20	64QAM	1	99	21.15	21.26	21.25		
20	64QAM	50	0	20.04	20.13	20.07		
20	64QAM	50	24	19.96	20.11	20.03	20.8	3
20	64QAM	50	50	19.94	20.09	19.98		
20	64QAM	100	0	20.09	20.11	20.04		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.05	23.08	23.00		
15	QPSK	1	37	22.93	22.88	22.86	23.8	0
15	QPSK	1	74	22.73	22.87	22.82		
15	QPSK	36	0	22.07	22.23	22.09		
15	QPSK	36	20	21.95	22.01	21.98	22.8	1
15	QPSK	36	39	21.84	22.03	21.95		
15	QPSK	75	0	22.00	22.09	22.02		
15	16QAM	1	0	22.34	22.32	22.20		
15	16QAM	1	37	22.26	22.28	22.26	22.8	1
15	16QAM	1	74	22.23	22.29	22.17		
15	16QAM	36	0	20.99	21.10	20.98		
15	16QAM	36	20	20.96	21.07	20.98	21.8	2
15	16QAM	36	39	20.91	20.99	20.95		
15	16QAM	75	0	20.96	20.98	20.96		
15	64QAM	1	0	21.22	21.21	21.19		
15	64QAM	1	37	21.14	21.28	21.17	21.8	2
15	64QAM	1	74	21.01	21.20	21.19		
15	64QAM	36	0	20.00	19.99	19.93		
15	64QAM	36	20	19.90	20.02	19.97	20.8	3
15	64QAM	36	39	19.85	19.94	19.89		
15	64QAM	75	0	19.96	20.08	19.98		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.10	23.02	22.95		
10	QPSK	1	25	22.84	22.98	22.90	23.8	0
10	QPSK	1	49	22.82	22.81	22.85		
10	QPSK	25	0	22.15	22.19	22.04		
10	QPSK	25	12	22.02	22.05	21.94	22.8	1
10	QPSK	25	25	21.89	22.07	21.86		
10	QPSK	50	0	22.08	22.05	21.95		
10	16QAM	1	0	22.36	22.26	22.32		
10	16QAM	1	25	22.30	22.36	22.19	22.8	1
10	16QAM	1	49	22.27	22.36	22.30		
10	16QAM	25	0	20.94	21.03	20.99		
10	16QAM	25	12	20.87	21.05	21.04	21.8	2
10	16QAM	25	25	20.93	21.09	20.93		
10	16QAM	50	0	20.96	20.98	20.97		
10	64QAM	1	0	21.26	21.33	21.24		
10	64QAM	1	25	21.19	21.29	21.14	21.8	2
10	64QAM	1	49	21.05	21.11	21.14		
10	64QAM	25	0	19.94	20.03	19.94		
10	64QAM	25	12	19.83	20.03	19.97	20.8	3
10	64QAM	25	25	19.79	19.95	19.86		
10	64QAM	50	0	20.05	20.09	19.93		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.00	23.10	22.98		
5	QPSK	1	12	22.94	22.91	22.93	23.8	0
5	QPSK	1	24	22.80	22.76	22.80		
5	QPSK	12	0	22.08	22.10	21.99		
5	QPSK	12	7	22.05	22.01	21.99	22.8	1
5	QPSK	12	13	21.89	22.01	21.90		
5	QPSK	25	0	22.04	21.99	21.96		
5	16QAM	1	0	22.25	22.33	22.27		
5	16QAM	1	12	22.27	22.35	22.16	22.8	1
5	16QAM	1	24	22.29	22.31	22.21		
5	16QAM	12	0	20.91	20.97	20.94		
5	16QAM	12	7	21.01	21.06	21.05	21.8	2
5	16QAM	12	13	20.89	20.96	20.96		
5	16QAM	25	0	20.93	21.08	20.96		
5	64QAM	1	0	21.20	21.27	21.22		
5	64QAM	1	12	21.20	21.17	21.05	21.8	2
5	64QAM	1	24	21.01	21.19	21.17		
5	64QAM	12	0	20.00	20.03	20.06		
5	64QAM	12	7	19.92	20.06	19.91	20.8	3
5	64QAM	12	13	19.83	19.97	19.97		
5	64QAM	25	0	20.01	20.09	19.99		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.06	23.05	23.03		
3	QPSK	1	8	22.84	22.95	22.98	23.8	0
3	QPSK	1	14	22.73	22.84	22.74		
3	QPSK	8	0	22.10	22.11	22.03		
3	QPSK	8	4	22.05	22.13	22.01	22.8	1
3	QPSK	8	7	21.96	22.08	21.90		
3	QPSK	15	0	21.94	22.05	21.90		
3	16QAM	1	0	22.39	22.38	22.32		
3	16QAM	1	8	22.34	22.28	22.13	22.8	1
3	16QAM	1	14	22.17	22.34	22.20		
3	16QAM	8	0	20.96	21.07	20.87		
3	16QAM	8	4	21.00	21.00	20.95	21.8	2
3	16QAM	8	7	20.90	20.97	20.88		
3	16QAM	15	0	20.88	21.11	20.91		
3	64QAM	1	0	21.17	21.21	21.20		
3	64QAM	1	8	21.15	21.19	21.15	21.8	2
3	64QAM	1	14	21.12	21.23	21.22		
3	64QAM	8	0	19.96	20.03	19.99		
3	64QAM	8	4	19.91	20.02	19.98	20.8	3
3	64QAM	8	7	19.91	20.07	19.97		
3	64QAM	15	0	19.99	20.07	20.01		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.02	23.00	23.00		
1.4	QPSK	1	3	22.84	23.00	22.86		
1.4	QPSK	1	5	22.80	22.75	22.86	23.8	0
1.4	QPSK	3	0	22.97	22.89	22.96		
1.4	QPSK	3	1	22.81	22.98	22.76		
1.4	QPSK	3	3	22.69	22.62	22.72		
1.4	QPSK	6	0	21.95	21.99	22.02	22.8	1
1.4	16QAM	1	0	22.36	22.40	22.31		
1.4	16QAM	1	3	22.34	22.37	22.27		
1.4	16QAM	1	5	22.21	22.30	22.16	22.8	1
1.4	16QAM	3	0	22.28	22.31	22.28		
1.4	16QAM	3	1	22.22	22.26	22.23		
1.4	16QAM	3	3	22.19	22.26	22.15		
1.4	16QAM	6	0	20.96	21.06	20.99	21.8	2
1.4	64QAM	1	0	21.24	21.28	21.24		
1.4	64QAM	1	3	21.22	21.23	21.18		
1.4	64QAM	1	5	21.06	21.13	21.16	21.8	2
1.4	64QAM	3	0	21.14	21.21	21.19		
1.4	64QAM	3	1	21.14	21.17	21.10		
1.4	64QAM	3	3	20.93	21.10	21.05		
1.4	64QAM	6	0	19.94	19.99	20.03	20.8	3

Band 2_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.91	16.96	16.92		
20	QPSK	1	49	16.84	16.89	16.88	17.3	0
20	QPSK	1	99	16.79	16.88	16.87		
20	QPSK	50	0	16.84	16.86	16.83		
20	QPSK	50	24	16.82	16.82	16.78	17.3	0
20	QPSK	50	50	16.83	16.81	16.79		
20	QPSK	100	0	16.80	16.84	16.78		
20	16QAM	1	0	16.78	16.95	16.90		
20	16QAM	1	49	16.85	16.85	16.85	17.3	0
20	16QAM	1	99	16.86	16.87	16.91		
20	16QAM	50	0	16.84	16.86	16.89		
20	16QAM	50	24	16.85	16.90	16.81	17.3	0
20	16QAM	50	50	16.79	16.88	16.90		
20	16QAM	100	0	16.86	16.84	16.79		
20	64QAM	1	0	16.90	16.89	16.79		
20	64QAM	1	49	16.81	16.84	16.82	17.3	0
20	64QAM	1	99	16.81	16.92	16.84		
20	64QAM	50	0	16.89	16.82	16.88		
20	64QAM	50	24	16.85	16.89	16.78	17.3	0
20	64QAM	50	50	16.76	16.84	16.84		
20	64QAM	100	0	16.89	16.82	16.82		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.77	16.93	16.90		
15	QPSK	1	37	16.82	16.76	16.75	17.3	0
15	QPSK	1	74	16.66	16.79	16.73		
15	QPSK	36	0	16.73	16.81	16.71		
15	QPSK	36	20	16.76	16.75	16.68	17.3	0
15	QPSK	36	39	16.73	16.73	16.75		
15	QPSK	75	0	16.71	16.79	16.66		
15	16QAM	1	0	16.75	16.93	16.79		
15	16QAM	1	37	16.77	16.71	16.81	17.3	0
15	16QAM	1	74	16.79	16.85	16.81		
15	16QAM	36	0	16.74	16.72	16.77		
15	16QAM	36	20	16.70	16.79	16.80	17.3	0
15	16QAM	36	39	16.69	16.81	16.82		
15	16QAM	75	0	16.80	16.70	16.77		
15	64QAM	1	0	16.86	16.77	16.65		
15	64QAM	1	37	16.71	16.70	16.76	17.3	0
15	64QAM	1	74	16.70	16.89	16.83		
15	64QAM	36	0	16.76	16.68	16.82		
15	64QAM	36	20	16.77	16.79	16.77	17.3	0
15	64QAM	36	39	16.61	16.76	16.74		
15	64QAM	75	0	16.83	16.67	16.68		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.85	16.90	16.85		
10	QPSK	1	25	16.73	16.76	16.82	17.3	0
10	QPSK	1	49	16.73	16.78	16.86		
10	QPSK	25	0	16.71	16.78	16.69		
10	QPSK	25	12	16.80	16.76	16.75	17.3	0
10	QPSK	25	25	16.69	16.75	16.68		
10	QPSK	50	0	16.74	16.80	16.69		
10	16QAM	1	0	16.67	16.87	16.76		
10	16QAM	1	25	16.83	16.74	16.72	17.3	0
10	16QAM	1	49	16.81	16.82	16.80		
10	16QAM	25	0	16.76	16.74	16.86		
10	16QAM	25	12	16.73	16.76	16.79	17.3	0
10	16QAM	25	25	16.75	16.87	16.80		
10	16QAM	50	0	16.71	16.75	16.68		
10	64QAM	1	0	16.82	16.75	16.78		
10	64QAM	1	25	16.71	16.69	16.68	17.3	0
10	64QAM	1	49	16.71	16.91	16.73		
10	64QAM	25	0	16.78	16.70	16.76		
10	64QAM	25	12	16.72	16.77	16.64	17.3	0
10	64QAM	25	25	16.73	16.82	16.73		
10	64QAM	50	0	16.87	16.67	16.75		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.82	16.89	16.85		
5	QPSK	1	12	16.83	16.84	16.82	17.3	0
5	QPSK	1	24	16.77	16.81	16.75		
5	QPSK	12	0	16.79	16.75	16.71		
5	QPSK	12	7	16.71	16.70	16.70	17.3	0
5	QPSK	12	13	16.78	16.66	16.70		
5	QPSK	25	0	16.74	16.77	16.75		
5	16QAM	1	0	16.71	16.93	16.76		
5	16QAM	1	12	16.84	16.76	16.77	17.3	0
5	16QAM	1	24	16.73	16.75	16.80		
5	16QAM	12	0	16.79	16.77	16.82		
5	16QAM	12	7	16.82	16.83	16.67	17.3	0
5	16QAM	12	13	16.65	16.75	16.77		
5	16QAM	25	0	16.75	16.83	16.70		
5	64QAM	1	0	16.77	16.75	16.69		
5	64QAM	1	12	16.75	16.75	16.67	17.3	0
5	64QAM	1	24	16.75	16.86	16.79		
5	64QAM	12	0	16.80	16.81	16.86		
5	64QAM	12	7	16.71	16.81	16.76	17.3	0
5	64QAM	12	13	16.73	16.71	16.77		
5	64QAM	25	0	16.74	16.78	16.67		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.76	16.94	16.85		
3	QPSK	1	8	16.76	16.74	16.75	17.3	0
3	QPSK	1	14	16.64	16.78	16.81		
3	QPSK	8	0	16.80	16.75	16.76		
3	QPSK	8	4	16.70	16.71	16.65	17.3	0
3	QPSK	8	7	16.70	16.80	16.70		
3	QPSK	15	0	16.77	16.76	16.65		
3	16QAM	1	0	16.64	16.94	16.75		
3	16QAM	1	8	16.73	16.77	16.72	17.3	0
3	16QAM	1	14	16.76	16.74	16.90		
3	16QAM	8	0	16.81	16.84	16.87		
3	16QAM	8	4	16.83	16.85	16.79	17.3	0
3	16QAM	8	7	16.77	16.75	16.89		
3	16QAM	15	0	16.71	16.78	16.78		
3	64QAM	1	0	16.84	16.86	16.71		
3	64QAM	1	8	16.78	16.74	16.81	17.3	0
3	64QAM	1	14	16.75	16.79	16.75		
3	64QAM	8	0	16.79	16.75	16.87		
3	64QAM	8	4	16.81	16.84	16.66	17.3	0
3	64QAM	8	7	16.75	16.83	16.77		
3	64QAM	15	0	16.77	16.81	16.67		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.82	16.92	16.81		
1.4	QPSK	1	3	16.77	16.85	16.85		
1.4	QPSK	1	5	16.77	16.81	16.85	17.3	0
1.4	QPSK	3	0	16.78	16.83	16.72		
1.4	QPSK	3	1	16.80	16.76	16.63		
1.4	QPSK	3	3	16.75	16.73	16.71		
1.4	QPSK	6	0	16.72	16.75	16.72	17.3	0
1.4	16QAM	1	0	16.64	16.85	16.77		
1.4	16QAM	1	3	16.79	16.79	16.75		
1.4	16QAM	1	5	16.83	16.84	16.85	17.3	0
1.4	16QAM	3	0	16.79	16.76	16.78		
1.4	16QAM	3	1	16.73	16.81	16.71		
1.4	16QAM	3	3	16.74	16.78	16.83		
1.4	16QAM	6	0	16.82	16.73	16.70	17.3	0
1.4	64QAM	1	0	16.77	16.83	16.73		
1.4	64QAM	1	3	16.80	16.80	16.75		
1.4	64QAM	1	5	16.73	16.85	16.79	17.3	0
1.4	64QAM	3	0	16.88	16.67	16.77		
1.4	64QAM	3	1	16.82	16.79	16.64		
1.4	64QAM	3	3	16.70	16.72	16.70		
1.4	64QAM	6	0	16.77	16.81	16.71	17.3	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.17	18.23	18.17		
20	QPSK	1	49	18.11	18.17	18.04	18.3	0
20	QPSK	1	99	17.99	18.14	18.02		
20	QPSK	50	0	18.11	18.17	18.13		
20	QPSK	50	24	18.12	18.20	18.13	18.3	0
20	QPSK	50	50	18.02	18.12	18.04		
20	QPSK	100	0	18.09	18.15	18.11		
20	16QAM	1	0	18.14	18.21	18.13		
20	16QAM	1	49	18.05	18.14	18.21	18.3	0
20	16QAM	1	99	18.16	18.12	18.09		
20	16QAM	50	0	18.15	18.21	18.16		
20	16QAM	50	24	18.14	18.21	18.11	18.3	0
20	16QAM	50	50	18.19	18.21	18.14		
20	16QAM	100	0	18.14	18.16	18.18		
20	64QAM	1	0	18.18	18.18	18.16		
20	64QAM	1	49	18.22	18.19	18.21	18.3	0
20	64QAM	1	99	18.15	18.18	18.15		
20	64QAM	50	0	18.14	18.13	18.13		
20	64QAM	50	24	18.20	18.19	18.14	18.3	0
20	64QAM	50	50	18.20	18.20	18.11		
20	64QAM	100	0	18.19	18.20	18.17		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.11	18.18	18.08		
15	QPSK	1	37	17.98	18.07	17.95	18.3	0
15	QPSK	1	74	17.84	18.09	17.89		
15	QPSK	36	0	18.03	18.03	18.01		
15	QPSK	36	20	18.04	18.08	18.06	18.3	0
15	QPSK	36	39	17.94	18.08	17.99		
15	QPSK	75	0	17.98	18.14	18.00		
15	16QAM	1	0	18.16	18.18	18.16		
15	16QAM	1	37	18.11	18.19	18.17	18.3	0
15	16QAM	1	74	18.15	18.10	17.95		
15	16QAM	36	0	18.18	18.09	18.08		
15	16QAM	36	20	18.18	18.06	18.06	18.3	0
15	16QAM	36	39	18.10	18.20	18.13		
15	16QAM	75	0	18.07	18.13	18.08		
15	64QAM	1	0	18.06	18.15	18.12		
15	64QAM	1	37	18.09	18.17	18.09	18.3	0
15	64QAM	1	74	18.08	18.19	18.08		
15	64QAM	36	0	18.10	18.09	18.15		
15	64QAM	36	20	18.13	18.14	18.11	18.3	0
15	64QAM	36	39	18.17	18.18	18.02		
15	64QAM	75	0	18.15	18.16	18.06		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.15	18.09	18.10		
10	QPSK	1	25	17.97	18.03	17.98	18.3	0
10	QPSK	1	49	17.91	18.00	17.97		
10	QPSK	25	0	18.05	18.10	18.08		
10	QPSK	25	12	18.02	18.19	18.05	18.3	0
10	QPSK	25	25	18.01	18.00	17.98		
10	QPSK	50	0	18.08	18.07	18.07		
10	16QAM	1	0	18.11	18.11	18.15		
10	16QAM	1	25	18.18	18.16	18.06	18.3	0
10	16QAM	1	49	18.03	18.13	18.00		
10	16QAM	25	0	18.13	18.10	18.07		
10	16QAM	25	12	18.09	18.20	18.09	18.3	0
10	16QAM	25	25	18.15	18.07	18.04		
10	16QAM	50	0	18.10	18.17	18.07		
10	64QAM	1	0	18.17	18.19	18.03		
10	64QAM	1	25	18.10	18.17	18.06	18.3	0
10	64QAM	1	49	18.02	18.18	18.04		
10	64QAM	25	0	18.14	18.08	18.09		
10	64QAM	25	12	18.18	18.16	18.03	18.3	0
10	64QAM	25	25	18.13	18.17	17.96		
10	64QAM	50	0	18.09	18.17	18.07		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.06	18.08	18.16		
5	QPSK	1	12	18.08	18.05	18.03	18.3	0
5	QPSK	1	24	17.90	18.11	17.91		
5	QPSK	12	0	18.02	18.12	18.09		
5	QPSK	12	7	18.01	18.19	18.02	18.3	0
5	QPSK	12	13	18.00	18.05	17.95		
5	QPSK	25	0	18.03	18.11	18.06		
5	16QAM	1	0	18.21	18.17	18.13		
5	16QAM	1	12	18.21	18.22	18.06	18.3	0
5	16QAM	1	24	18.04	18.11	17.94		
5	16QAM	12	0	18.14	18.17	18.10		
5	16QAM	12	7	18.11	18.16	17.98	18.3	0
5	16QAM	12	13	18.17	18.19	18.00		
5	16QAM	25	0	18.10	18.15	18.05		
5	64QAM	1	0	18.11	18.14	18.08		
5	64QAM	1	12	18.10	18.18	18.11	18.3	0
5	64QAM	1	24	18.00	18.21	18.02		
5	64QAM	12	0	18.22	18.09	18.15		
5	64QAM	12	7	18.19	18.13	18.08	18.3	0
5	64QAM	12	13	18.14	18.20	17.96		
5	64QAM	25	0	18.10	18.18	18.10		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.15	18.14	18.08		
3	QPSK	1	8	18.08	18.09	18.03	18.3	0
3	QPSK	1	14	17.90

Band 4_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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.90	23.92	23.89		
20	QPSK	1	49	23.71	23.82	23.78	25	0
20	QPSK	1	99	23.60	23.66	23.54		
20	QPSK	50	0	22.84	22.87	22.86		
20	QPSK	50	24	22.82	22.86	22.85	24	1
20	QPSK	50	50	22.77	22.83	22.75		
20	QPSK	100	0	22.74	22.85	22.73		
20	16QAM	1	0	23.00	23.09	23.07		
20	16QAM	1	49	23.07	23.09	23.04	24	1
20	16QAM	1	99	22.93	22.95	22.83		
20	16QAM	50	0	21.68	21.83	21.81		
20	16QAM	50	24	21.74	21.85	21.83	23	2
20	16QAM	50	50	21.77	21.81	21.76		
20	16QAM	100	0	21.77	21.85	21.77		
20	64QAM	1	0	22.03	22.04	21.96		
20	64QAM	1	49	21.82	21.97	21.86	23	2
20	64QAM	1	99	21.76	21.88	21.79		
20	64QAM	50	0	20.77	20.85	20.72		
20	64QAM	50	24	20.76	20.88	20.87	22	3
20	64QAM	50	50	20.73	20.85	20.74		
20	64QAM	100	0	20.83	20.86	20.85		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.88	23.77	23.81		
15	QPSK	1	37	23.66	23.74	23.74	25	0
15	QPSK	1	74	23.46	23.58	23.39		
15	QPSK	36	0	22.79	22.79	22.83		
15	QPSK	36	20	22.79	22.78	22.82	24	1
15	QPSK	36	39	22.74	22.80	22.69		
15	QPSK	75	0	22.62	22.72	22.70		
15	16QAM	1	0	22.95	23.04	22.93		
15	16QAM	1	37	23.04	23.07	23.01	24	1
15	16QAM	1	74	22.86	22.84	22.73		
15	16QAM	36	0	21.54	21.76	21.78		
15	16QAM	36	20	21.68	21.80	21.73	23	2
15	16QAM	36	39	21.64	21.67	21.70		
15	16QAM	75	0	21.65	21.77	21.74		
15	64QAM	1	0	21.96	21.91	21.92		
15	64QAM	1	37	21.81	21.92	21.72	23	2
15	64QAM	1	74	21.68	21.75	21.76		
15	64QAM	36	0	20.65	20.80	20.69		
15	64QAM	36	20	20.69	20.86	20.72	22	3
15	64QAM	36	39	20.65	20.84	20.60		
15	64QAM	75	0	20.69	20.73	20.81		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.78	23.85	23.75		
10	QPSK	1	25	23.57	23.80	23.76	25	0
10	QPSK	1	49	23.48	23.64	23.50		
10	QPSK	25	0	22.78	22.82	22.73		
10	QPSK	25	12	22.73	22.79	22.70	24	1
10	QPSK	25	25	22.66	22.71	22.61		
10	QPSK	50	0	22.62	22.77	22.61		
10	16QAM	1	0	22.97	22.97	22.94		
10	16QAM	1	25	23.03	22.98	23.00	24	1
10	16QAM	1	49	22.89	22.94	22.74		
10	16QAM	25	0	21.56	21.79	21.80		
10	16QAM	25	12	21.66	21.74	21.79	23	2
10	16QAM	25	25	21.68	21.71	21.63		
10	16QAM	50	0	21.75	21.71	21.66		
10	64QAM	1	0	21.96	21.99	21.88		
10	64QAM	1	25	21.70	21.84	21.74	23	2
10	64QAM	1	49	21.64	21.74	21.78		
10	64QAM	25	0	20.67	20.82	20.64		
10	64QAM	25	12	20.62	20.74	20.82	22	3
10	64QAM	25	25	20.61	20.82	20.72		
10	64QAM	50	0	20.77	20.73	20.79		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.88	23.78	23.74		
5	QPSK	1	12	23.58	23.70	23.71	25	0
5	QPSK	1	24	23.54	23.60	23.47		
5	QPSK	12	0	22.69	22.75	22.80		
5	QPSK	12	7	22.68	22.81	22.83	24	1
5	QPSK	12	13	22.65	22.81	22.69		
5	QPSK	25	0	22.69	22.71	22.58		
5	16QAM	1	0	22.99	23.06	22.97		
5	16QAM	1	12	22.94	22.98	22.93	24	1
5	16QAM	1	24	22.84	22.94	22.69		
5	16QAM	12	0	21.60	21.81	21.74		
5	16QAM	12	7	21.61	21.71	21.79	23	2
5	16QAM	12	13	21.74	21.78	21.63		
5	16QAM	25	0	21.73	21.71	21.72		
5	64QAM	1	0	21.98	21.92	21.83		
5	64QAM	1	12	21.69	21.84	21.76	23	2
5	64QAM	1	24	21.72	21.76	21.71		
5	64QAM	12	0	20.64	20.79	20.61		
5	64QAM	12	7	20.74	20.85	20.81	22	3
5	64QAM	12	13	20.69	20.70	20.65		
5	64QAM	25	0	20.76	20.84	20.74		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.86	23.90	23.79		
3	QPSK	1	8	23.59	23.77	23.63	25	0
3	QPSK	1	14	23.51	23.61	23.50		
3	QPSK	8	0	22.77	22.78	22.76		
3	QPSK	8	4	22.77	22.79	22.73	24	1
3	QPSK	8	7	22.63	22.78	22.70		
3	QPSK	15	0	22.68	22.70	22.66		
3	16QAM	1	0	22.99	23.04	22.96		
3	16QAM	1	8	22.96	23.04	23.00	24	1
3	16QAM	1	14	22.86	22.83	22.79		
3	16QAM	8	0	21.65	21.80	21.72		
3	16QAM	8	4	21.67	21.75	21.74	23	2
3	16QAM	8	7	21.64	21.79	21.74		
3	16QAM	15	0	21.75	21.78	21.68		
3	64QAM	1	0	21.90	22.03	21.88		
3	64QAM	1	8	21.72	21.91	21.85	23	2
3	64QAM	1	14	21.66	21.80	21.70		
3	64QAM	8	0	20.69	20.79	20.57		
3	64QAM	8	4	20.66	20.82	20.74	22	3
3	64QAM	8	7	20.70	20.77	20.66		
3	64QAM	15	0	20.70	20.81	20.71		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.81	23.78	23.80		
1.4	QPSK	1	3	23.69	23.72	23.74		
1.4	QPSK	1	5	23.58	23.59	23.46	25	0
1.4	QPSK	3	0	23.75	23.64	23.74		
1.4	QPSK	3	1	23.56	23.62	23.63		
1.4	QPSK	3	3	23.52	23.48	23.41		
1.4	QPSK	6	0	22.63	22.84	22.67	24	1
1.4	16QAM	1	0	22.88	22.95	23.05		
1.4	16QAM	1	3	22.97	23.03	22.91		
1.4	16QAM	1	5	22.80	22.84	22.74	24	1
1.4	16QAM	3	0	22.84	22.92	22.97		
1.4	16QAM	3	1	22.82	22.89	22.82		
1.4	16QAM	3	3	22.65	22.73	22.69		
1.4	16QAM	6	0	21.66	21.84	21.63	23	2
1.4	64QAM	1	0	21.99	21.99	21.92		
1.4	64QAM	1	3	21.78	21.87	21.79		
1.4	64QAM	1	5	21.61	21.79	21.70	23	2
1.4	64QAM	3	0	21.94	21.88	21.80		
1.4	64QAM	3	1	21.69	21.80	21.72		
1.4	64QAM	3	3	21.53	21.77	21.59		
1.4	64QAM	6	0	20.72	20.72	20.83	22	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.99	16.05	16.02		
20	QPSK	1	49	15.98	16.01	15.89	16.5	0
20	QPSK	1	99	15.91	15.93	15.96		
20	QPSK	50	0	15.97	15.99	15.97		
20	QPSK	50	24	15.88	15.89	15.92	16.5	0
20	QPSK	50	50	15.94	15.93	15.91		
20	QPSK	100	0	15.88	15.95	15.94		
20	16QAM	1	0	16.04	15.91	15.95		
20	16QAM	1	49	16.01	15.95	15.93	16.5	0
20	16QAM	1	99	15.99	15.90	15.97		
20	16QAM	50	0	16.01	15.93	15.98		
20	16QAM	50	24	15.95	15.97	15.88	16.5	0
20	16QAM	50	50	16.01	16.01	15.99		
20	16QAM	100	0	15.95	15.97	15.96		
20	64QAM	1	0	16.01	15.96	15.88		
20	64QAM	1	49	16.01	15.92	15.99	16.5	0
20	64QAM	1	99	16.04	15.92	15.88		
20	64QAM	50	0	15.98	15.97	15.87		
20	64QAM	50	24	16.03	16.01	15.94	16.5	0
20	64QAM	50	50	16.00	15.93	15.94		
20	64QAM	100	0	16.00	15.98	15.89		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.95	16.03	15.89		
15	QPSK	1	37	15.88	15.88	15.87	16.5	0
15	QPSK	1	74	15.83	15.85	15.83		
15	QPSK	36	0	15.90	15.93	15.96		
15	QPSK	36	20	15.78	15.80	15.88	16.5	0
15	QPSK	36	39	15.79	15.92	15.87		
15	QPSK	75	0	15.73	15.83	15.93		
15	16QAM	1	0	15.90	15.81	15.80		
15	16QAM	1	37	16.00	15.92	15.79	16.5	0
15	16QAM	1	74	15.98	15.81	15.91		
15	16QAM	36	0	15.86	15.88	15.96		
15	16QAM	36	20	15.91	15.91	15.76	16.5	0
15	16QAM	36	39	15.95	15.87	15.85		
15	16QAM	75	0	15.86	15.94	15.84		
15	64QAM	1	0	15.92	15.89	15.87		
15	64QAM	1	37	15.93	15.83	15.87	16.5	0
15	64QAM	1	74	15.92	15.88	15.81		
15	64QAM	36	0	15.88	15.85	15.73		
15	64QAM	36	20	15.95	15.95	15.82	16.5	0
15	64QAM	36	39	15.87	15.91	15.81		
15	64QAM	75	0	15.94	15.91	15.78		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.94	15.91	15.92		
10	QPSK	1	25	15.96	15.99	15.83	16.5	0
10	QPSK	1	49	15.87	15.87	15.81		
10	QPSK	25	0	15.93	15.94	15.84		
10	QPSK	25	12	15.75	15.79	15.79	16.5	0
10	QPSK	25	25	15.87	15.78	15.84		
10	QPSK	50	0	15.80	15.89	15.86		
10	16QAM	1	0	15.89	15.84	15.93		
10	16QAM	1	25	15.97	15.88	15.92	16.5	0
10	16QAM	1	49	15.84	15.89	15.84		
10	16QAM	25	0	15.99	15.78	15.93		
10	16QAM	25	12	15.89	15.93	15.81	16.5	0
10	16QAM	25	25	15.87	16.00	15.90		
10	16QAM	50	0	15.85	15.83	15.94		
10	64QAM	1	0	15.95	15.81	15.87		
10	64QAM	1	25	15.96	15.85	15.93	16.5	0
10	64QAM	1	49	15.91	15.78	15.87		
10	64QAM	25	0	15.96	15.88	15.79		
10	64QAM	25	12	15.92	15.90	15.82	16.5	0
10	64QAM	25	25	15.95	15.84	15.87		
10	64QAM	50	0	15.88	15.84	15.80		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.92	16.04	15.92		
5	QPSK	1	12	15.88	15.94	15.78	16.5	0
5	QPSK	1	24	15.90	15.89	15.87		
5	QPSK	12	0	15.82	15.86	15.91		
5	QPSK	12	7	15.73	15.85	15.87	16.5	0
5	QPSK	12	13	15.88	15.84	15.89		
5	QPSK	25	0	15.86	15.89	15.91		
5	16QAM	1	0	15.90	15.81	15.87		
5	16QAM	1	12	15.92	15.88	15.92	16.5	0
5	16QAM	1	24	15.96	15.76	15.82		
5	16QAM	12	0	15.96	15.89	15.84		
5	16QAM	12	7	15.92	15.92	15.74	16.5	0
5	16QAM	12	13	15.95	15.99	15.93		
5	16QAM	25	0	15.87	15.94	15.81		
5	64QAM	1	0	15.94	15.87	15.82		
5	64QAM	1	12	15.98	15.78	15.90	16.5	0
5	64QAM	1	24	15.94	15.79	15.75		
5	64QAM	12	0	15.96	15.91	15.72		
5	64QAM	12	7	15.93	15.90	15.87	16.5	0
5	64QAM	12	13	15.93	15.84	15.92		
5	64QAM	25	0	15.86	15.93	15.81		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.98	15.95	15.97		
3	QPSK	1	8	15.90	15.94	15.85	16.5	0
3	QPSK	1	14	15.85	15.82	15.95		
3	QPSK	8	0	15.90	15.87	15.88		
3	QPSK	8	4	15.75	15.75	15.86	16.5	0
3	QPSK	8	7	15.88	15.82	15.79		
3	QPSK	15	0	15.77	15.84	15.83		
3	16QAM	1	0	15.91	15.79	15.88		
3	16QAM	1	8	15.87	15.89	15.90	16.5	0
3	16QAM	1	14	15.95	15.78	15.83		
3	16QAM	8	0	16.00	15.84	15.92		
3	16QAM	8	4	15.94	15.84	15.74	16.5	0
3	16QAM	8	7	15.87	16.00	15.84		
3	16QAM	15	0	15.93	15.91	15.85		
3	64QAM	1	0	15.90	15.85	15.75		
3	64QAM	1	8	15.90	15.79	15.85	16.5	0
3	64QAM	1	14	15.93	15.82	15.87		
3	64QAM	8	0	15.88	15.96	15.76		
3	64QAM	8	4	15.92	16.00	15.92	16.5	0
3	64QAM	8	7	15.92	15.82	15.90		
3	64QAM	15	0	15.92	15.87	15.86		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.90	15.95	15.93		
1.4	QPSK	1	3	15.90	15.88	15.79		
1.4	QPSK	1	5	15.84	15.88	15.87	16.5	0
1.4	QPSK	3	0	15.89	15.88	15.92		
1.4	QPSK	3	1	15.85	15.82	15.78		
1.4	QPSK	3	3	15.83	15.89	15.81		
1.4	QPSK	6	0	15.78	15.90	15.88	16.5	0
1.4	16QAM	1	0	16.02	15.80	15.83		
1.4	16QAM	1	3	15.93	15.94	15.85		
1.4	16QAM	1	5	15.84	15.83	15.92	16.5	0
1.4	16QAM	3	0	16.00	15.91	15.97		
1.4	16QAM	3	1	15.83	15.95	15.81		
1.4	16QAM	3	3	15.92	15.87	15.85		
1.4	16QAM	6	0	15.93	15.82	15.94	16.5	0
1.4	64QAM	1	0	15.89	15.82	15.87		
1.4	64QAM	1	3	15.99	15.83	15.87		
1.4	64QAM	1	5	15.96	15.90	15.86	16.5	0
1.4	64QAM	3	0	15.85	15.95	15.86		
1.4	64QAM	3	1	15.95	15.97	15.80		
1.4	64QAM	3	3	15.90	15.90	15.79		
1.4	64QAM	6	0	15.96	15.96	15.84	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.39	22.40	22.30		
20	QPSK	1	49	22.30	22.25	22.24	23	0
20	QPSK	1	99	22.09	22.14	22.10		
20	QPSK	50	0	21.38	21.40	21.25		
20	QPSK	50	24	21.23	21.28	21.16	22	1
20	QPSK	50	50	21.33	21.27	21.24		
20	QPSK	100	0	21.36	21.39	21.22		
20	16QAM	1	0	21.54	21.58	21.51		
20	16QAM	1	49	21.62	21.55	21.43	22	1
20	16QAM	1	99	21.33	21.37	21.22		
20	16QAM	50	0	20.35	20.28	20.21		
20	16QAM	50	24	20.27	20.30	20.26	21	2
20	16QAM	50	50	20.25	20.25	20.15		
20	16QAM	100	0	20.29	20.27	20.25		
20	64QAM	1	0	20.54	20.45	20.33		
20	64QAM	1	49	20.40	20.41	20.28	21	2
20	64QAM	1	99	20.41	20.32	20.30		
20	64QAM	50	0	19.31	19.28	19.19		
20	64QAM	50	24	19.33	19.30	19.15	20	3
20	64QAM	50	50	19.33	19.25	19.21		
20	64QAM	100	0	19.29	19.30	19.24		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.36	22.19	22.29		
15	QPSK	1	37	22.23	22.13	22.19	23	0
15	QPSK	1	74	22.01	22.10	21.95		
15	QPSK	36	0	21.28	21.29	21.24		
15	QPSK	36	20	21.20	21.15	21.04	22	1
15	QPSK	36	39	21.23	21.20	21.09		
15	QPSK	75	0	21.30	21.15	21.12		
15	16QAM	1	0	21.53	21.50	21.42		
15	16QAM	1	37	21.52	21.41	21.30	22	1
15	16QAM	1	74	21.23	21.31	21.17		
15	16QAM	36	0	20.33	20.18	20.10		
15	16QAM	36	20	20.14	20.25	20.18	21	2
15	16QAM	36	39	20.22	20.19	20.00		
15	16QAM	75	0	20.28	20.17	20.17		
15	64QAM	1	0	20.50	20.30	20.29		
15	64QAM	1	37	20.38	20.34	20.26	21	2
15	64QAM	1	74	20.33	20.28	20.29		
15	64QAM	36	0	19.27	19.16	19.04		
15	64QAM	36	20	19.22	19.18	19.14	20	3
15	64QAM	36	39	19.26	19.15	19.13		
15	64QAM	75	0	19.16	19.15	19.09		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.25	22.24	22.19		
10	QPSK	1	25	22.22	22.16	22.13	23	0
10	QPSK	1	49	22.04	22.13	21.98		
10	QPSK	25	0	21.36	21.29	21.21		
10	QPSK	25	12	21.17	21.22	21.15	22	1
10	QPSK	25	25	21.30	21.24	21.09		
10	QPSK	50	0	21.24	21.14	21.17		
10	16QAM	1	0	21.39	21.47	21.50		
10	16QAM	1	25	21.50	21.51	21.32	22	1
10	16QAM	1	49	21.23	21.34	21.12		
10	16QAM	25	0	20.27	20.24	20.08		
10	16QAM	25	12	20.25	20.15	20.16	21	2
10	16QAM	25	25	20.24	20.19	20.00		
10	16QAM	50	0	20.18	20.18	20.24		
10	64QAM	1	0	20.51	20.38	20.30		
10	64QAM	1	25	20.38	20.35	20.22	21	2
10	64QAM	1	49	20.37	20.19	20.15		
10	64QAM	25	0	19.26	19.15	19.06		
10	64QAM	25	12	19.20	19.29	19.06	20	3
10	64QAM	25	25	19.31	19.22	19.14		
10	64QAM	50	0	19.22	19.27	19.21		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.32	22.27	22.25		
5	QPSK	1	12	22.16	22.18	22.18	23	0
5	QPSK	1	24	22.05	22.11	22.01		
5	QPSK	12	0	21.31	21.24	21.15		
5	QPSK	12	7	21.14	21.21	21.03	22	1
5	QPSK	12	13	21.26	21.13	21.15		
5	QPSK	25	0	21.32	21.21	21.15		
5	16QAM	1	0	21.43	21.43	21.47		
5	16QAM	1	12	21.58	21.49	21.30	22	1
5	16QAM	1	24	21.30	21.30	21.15		
5	16QAM	12	0	20.31	20.14	20.08		
5	16QAM	12	7	20.21	20.25	20.20	21	2
5	16QAM	12	13	20.19	20.12	20.01		
5	16QAM	25	0	20.28	20.26	20.11		
5	64QAM	1	0	20.50	20.37	20.30		
5	64QAM	1	12	20.30	20.36	20.17	21	2
5	64QAM	1	24	20.27	20.19	20.20		
5	64QAM	12	0	19.17	19.13	19.10		
5	64QAM	12	7	19.26	19.26	19.10	20	3
5	64QAM	12	13	19.20	19.19	19.06		
5	64QAM	25	0	19.17	19.15	19.20		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.28	22.29	22.19		
3	QPSK	1	8	22.18	22.19	22.09	23	0
3	QPSK	1	14	22.08	21.99	22.07		
3	QPSK	8	0	21.34	21.19	21.13		
3	QPSK	8	4	21.13	21.23	21.08

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	19.39	19.46	19.41		
10	QPSK	1	25	19.35	19.31	19.26	20.5	0
10	QPSK	1	49	19.35	19.41	19.30		
10	QPSK	25	0	19.33	19.44	19.40		
10	QPSK	25	12	19.30	19.37	19.33	20.5	0
10	QPSK	25	25	19.32	19.32	19.30		
10	QPSK	50	0	19.36	19.40	19.38		
10	16QAM	1	0	19.30	19.34	19.36		
10	16QAM	1	25	19.26	19.44	19.40	20.5	0
10	16QAM	1	49	19.38	19.39	19.40		
10	16QAM	25	0	19.38	19.32	19.27		
10	16QAM	25	12	19.25	19.43	19.37	20.5	0
10	16QAM	25	25	19.27	19.39	19.28		
10	16QAM	50	0	19.31	19.33	19.32		
10	64QAM	1	0	19.30	19.45	19.31		
10	64QAM	1	25	19.35	19.33	19.27	20.5	0
10	64QAM	1	49	19.34	19.44	19.27		
10	64QAM	25	0	19.31	19.40	19.38		
10	64QAM	25	12	19.31	19.41	19.27	20.5	0
10	64QAM	25	25	19.33	19.41	19.38		
10	64QAM	50	0	19.25	19.37	19.35		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	19.27	19.40	19.27		
5	QPSK	1	12	19.24	19.19	19.25	20.5	0
5	QPSK	1	24	19.32	19.39	19.26		
5	QPSK	12	0	19.32	19.29	19.27		
5	QPSK	12	7	19.19	19.27	19.26	20.5	0
5	QPSK	12	13	19.27	19.29	19.24		
5	QPSK	25	0	19.24	19.35	19.26		
5	16QAM	1	0	19.19	19.26	19.32		
5	16QAM	1	12	19.14	19.41	19.37	20.5	0
5	16QAM	1	24	19.34	19.32	19.39		
5	16QAM	12	0	19.24	19.21	19.18		
5	16QAM	12	7	19.23	19.36	19.27	20.5	0
5	16QAM	12	13	19.25	19.29	19.19		
5	16QAM	25	0	19.16	19.30	19.28		
5	64QAM	1	0	19.23	19.38	19.27		
5	64QAM	1	12	19.32	19.29	19.17	20.5	0
5	64QAM	1	24	19.28	19.36	19.16		
5	64QAM	12	0	19.26	19.27	19.32		
5	64QAM	12	7	19.21	19.26	19.13	20.5	0
5	64QAM	12	13	19.30	19.37	19.31		
5	64QAM	25	0	19.17	19.23	19.21		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.35	19.36	19.36		
3	QPSK	1	8	19.32	19.16	19.18	20.5	0
3	QPSK	1	14	19.24	19.36	19.28		
3	QPSK	8	0	19.26	19.34	19.26		
3	QPSK	8	4	19.20	19.35	19.18	20.5	0
3	QPSK	8	7	19.19	19.29	19.15		
3	QPSK	15	0	19.26	19.38	19.29		
3	16QAM	1	0	19.19	19.28	19.22		
3	16QAM	1	8	19.14	19.38	19.37	20.5	0
3	16QAM	1	14	19.27	19.25	19.35		
3	16QAM	8	0	19.35	19.23	19.22		
3	16QAM	8	4	19.12	19.42	19.35	20.5	0
3	16QAM	8	7	19.21	19.33	19.27		
3	16QAM	15	0	19.26	19.28	19.25		
3	64QAM	1	0	19.22	19.30	19.25		
3	64QAM	1	8	19.21	19.20	19.19	20.5	0
3	64QAM	1	14	19.21	19.37	19.15		
3	64QAM	8	0	19.29	19.36	19.31		
3	64QAM	8	4	19.16	19.37	19.16	20.5	0
3	64QAM	8	7	19.20	19.30	19.23		
3	64QAM	15	0	19.12	19.35	19.33		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.38	19.43	19.40		
1.4	QPSK	1	3	19.32	19.26	19.12	20.5	0
1.4	QPSK	1	5	19.27	19.39	19.28		
1.4	QPSK	3	0	19.24	19.35	19.32		
1.4	QPSK	3	1	19.25	19.29	19.24		
1.4	QPSK	3	3	19.19	19.21	19.18		
1.4	QPSK	6	0	19.34	19.36	19.33	20.5	0
1.4	16QAM	1	0	19.16	19.28	19.22		
1.4	16QAM	1	3	19.14	19.32	19.29	20.5	0
1.4	16QAM	1	5	19.31	19.33	19.29		
1.4	16QAM	3	0	19.25	19.22	19.20		
1.4	16QAM	3	1	19.13	19.38	19.25		
1.4	16QAM	3	3	19.19	19.35	19.22		
1.4	16QAM	6	0	19.19	19.26	19.18	20.5	0
1.4	64QAM	1	0	19.21	19.33	19.16		
1.4	64QAM	1	3	19.22	19.21	19.24	20.5	0
1.4	64QAM	1	5	19.21	19.39	19.20		
1.4	64QAM	3	0	19.23	19.34	19.33		
1.4	64QAM	3	1	19.24	19.39	19.13		
1.4	64QAM	3	3	19.26	19.34	19.24		
1.4	64QAM	6	0	19.12	19.31	19.34	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	19.41	19.46	19.39		
10	QPSK	1	25	19.26	19.45	19.38	19.5	0
10	QPSK	1	49	19.40	19.39	19.25		
10	QPSK	25	0	19.37	19.43	19.38		
10	QPSK	25	12	19.26	19.42	19.28	19.5	0
10	QPSK	25	25	19.33	19.42	19.37		
10	QPSK	50	0	19.30	19.33	19.30		
10	16QAM	1	0	19.30	19.42	19.28		
10	16QAM	1	25	19.28	19.34	19.36	19.5	0
10	16QAM	1	49	19.33	19.37	19.30		
10	16QAM	25	0	19.33	19.39	19.34		
10	16QAM	25	12	19.35	19.39	19.28	19.5	0
10	16QAM	25	25	19.29	19.44	19.28		
10	16QAM	50	0	19.30	19.33	19.33		
10	64QAM	1	0	19.35	19.43	19.29		
10	64QAM	1	25	19.37	19.32	19.28	19.5	0
10	64QAM	1	49	19.38	19.45	19.24		
10	64QAM	25	0	19.40	19.42	19.25		
10	64QAM	25	12	19.35	19.37	19.26	19.5	0
10	64QAM	25	25	19.30	19.39	19.28		
10	64QAM	50	0	19.26	19.37	19.34		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	19.37	19.39	19.32		
5	QPSK	1	12	19.14	19.36	19.23	19.5	0
5	QPSK	1	24	19.34	19.37	19.19		
5	QPSK	12	0	19.28	19.41	19.29		
5	QPSK	12	7	19.24	19.30	19.13	19.5	0
5	QPSK	12	13	19.31	19.38	19.32		
5	QPSK	25	0	19.19	19.31	19.20		
5	16QAM	1	0	19.18	19.36	19.21		
5	16QAM	1	12	19.24	19.29	19.24	19.5	0
5	16QAM	1	24	19.19	19.26	19.29		
5	16QAM	12	0	19.20	19.25	19.27		
5	16QAM	12	7	19.29	19.35	19.24	19.5	0
5	16QAM	12	13	19.16	19.41	19.15		
5	16QAM	25	0	19.20	19.26	19.30		
5	64QAM	1	0	19.21	19.35	19.17		
5	64QAM	1	12	19.36	19.26	19.16	19.5	0
5	64QAM	1	24	19.30	19.34	19.20		
5	64QAM	12	0	19.39	19.29	19.18		
5	64QAM	12	7	19.31	19.36	19.13	19.5	0
5	64QAM	12	13	19.17	19.26	19.27		
5	64QAM	25	0	19.23	19.24	19.25		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.36	19.37	19.36		
3	QPSK	1	8	19.24	19.40	19.28	19.5	0
3	QPSK	1	14	19.35	19.31	19.20		
3	QPSK	8	0	19.31	19.29	19.23		
3	QPSK	8	4	19.18	19.30	19.26	19.5	0
3	QPSK	8	7	19.27	19.29	19.26		
3	QPSK	15	0	19.26	19.25	19.27		
3	16QAM	1	0	19.20	19.35	19.24		
3	16QAM	1	8	19.19	19.27	19.35	19.5	0
3	16QAM	1	14	19.21	19.26	19.19		
3	16QAM	8	0	19.31	19.24	19.21		
3	16QAM	8	4	19.30	19.35	19.17	19.5	0
3	16QAM	8	7	19.23	19.42	19.27		
3	16QAM	15	0	19.23	19.26	19.23		
3	64QAM	1	0	19.22	19.29	19.28		
3	64QAM	1	8	19.29	19.17	19.13	19.5	0
3	64QAM	1	14	19.31	19.44	19.18		
3	64QAM	8	0	19.34	19.38	19.23		
3	64QAM	8	4	19.33	19.34	19.24	19.5	0
3	64QAM	8	7	19.27	19.37	19.21		
3	64QAM	15	0	19.17	19.32	19.29		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.30	19.35	19.28		
1.4	QPSK	1	3	19.15	19.33	19.27	19.5	0
1.4	QPSK	1	5	19.35	19.27	19.23		
1.4	QPSK	3	0	19.22	19.38	19.31		
1.4	QPSK	3	1	19.13	19.28	19.13		
1.4	QPSK	3	3	19.23	19.41	19.32		
1.4	QPSK	6	0	19.29	19.28	19.22	19.5	0
1.4	16QAM	1	0	19.21	19.39	19.27		
1.4	16QAM	1	3	19.24	19.22	19.34	19.5	0
1.4	16QAM	1	5	19.22	19.33	19.19		
1.4	16QAM	3	0	19.26	19.26	19.25		
1.4	16QAM	3	1	19.21	19.27	19.27		
1.4	16QAM	3	3	19.23	19.31	19.25		
1.4	16QAM	6	0	19.24	19.28	19.23	19.5	0
1.4	64QAM	1	0	19.29	19.36	19.27		
1.4	64QAM	1	3	19.33	19.23	19.24	19.5	0
1.4	64QAM	1	5	19.30	19.32	19.15		
1.4	64QAM	3	0	19.31	19.34	19.14		
1.4	64QAM	3	1	19.23	19.28	19.20		
1.4	64QAM	3	3	19.18	19.37	19.25		
1.4	64QAM	6	0	19.25	19.29	19.21	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.33	24.34	24.27		
20	QPSK	1	49	24.20	24.25	24.19	25	0
20	QPSK	1	99	24.30	24.32	24.26		
20	QPSK	50	0	23.80	23.88	23.87		
20	QPSK	50	24	23.67	23.82	23.68	24	1
20	QPSK	50	50	23.71	23.85	23.73		
20	QPSK	100	0	23.86	23.87	23.80		
20	16QAM	1	0	23.31	23.45	23.30		
20	16QAM	1	49	23.49	23.60	23.58	24	1
20	16QAM	1	99	23.49	23.58	23.57		
20	16QAM	50	0	22.88	22.89	22.74		
20	16QAM	50	24	22.78	22.92	22.80	23	2
20	16QAM	50	50	22.82	22.96	22.86		
20	16QAM	100	0	22.78	22.90	22.86		
20	64QAM	1	0	22.26	22.36	22.35		
20	64QAM	1	49	22.40	22.53	22.39	23	2
20	64QAM	1	99	22.43	22.46	22.33		
20	64QAM	50	0	21.73	21.86	21.74		
20	64QAM	50	24	21.88	21.90	21.85	22	3
20	64QAM	50	50	21.92	21.93	21.89		
20	64QAM	100	0	21.76	21.89	21.84		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.28	24.25	24.14		
15	QPSK	1	37	24.19	24.19	24.07	25	0
15	QPSK	1	74	24.26	24.17	24.18		
15	QPSK	36	0	23.74	23.83	23.75		
15	QPSK	36	20	23.54	23.81	23.53	24	1
15	QPSK	36	39	23.59	23.75	23.68		
15	QPSK	75	0	23.76	23.82	23.72		
15	16QAM	1	0	23.22	23.30	23.20		
15	16QAM	1	37	23.36	23.51	23.49	24	1
15	16QAM	1	74	23.35	23.55	23.42		
15	16QAM	36	0	22.80	22.81	22.64		
15	16QAM	36	20	22.64	22.80	22.78	23	2
15	16QAM	36	39	22.79	22.94	22.79		
15	16QAM	75	0	22.74	22.88	22.76		
15	64QAM	1	0	22.17	22.31	22.29		
15	64QAM	1	37	22.34	22.51	22.36	23	2
15	64QAM	1	74	22.40	22.39	22.22		
15	64QAM	36	0	21.62	21.74	21.67		
15	64QAM	36	20	21.82	21.84	21.73	22	3
15	64QAM	36	39	21.83	21.85	21.74		
15	64QAM	75	0	21.71	21.75	21.71		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.31	24.19	24.17		
10	QPSK	1	25	24.09	24.16	24.10	25	0
10	QPSK	1	49	24.27	24.23	24.11		
10	QPSK	25	0	23.68	23.75	23.78		
10	QPSK	25	12	23.55	23.67	23.60	24	1
10	QPSK	25	25	23.59	23.78	23.71		
10	QPSK	50	0	23.77	23.85	23.74		
10	16QAM	1	0	23.24	23.30	23.21		
10	16QAM	1	25	23.37	23.51	23.55	24	1
10	16QAM	1	49	23.42	23.56	23.48		
10	16QAM	25	0	22.84	22.86	22.67		
10	16QAM	25	12	22.73	22.84	22.67	23	2
10	16QAM	25	25	22.76	22.82	22.83		
10	16QAM	50	0	22.66	22.84	22.71		
10	64QAM	1	0	22.18	22.30	22.22		
10	64QAM	1	25	22.38	22.42	22.28	23	2
10	64QAM	1	49	22.35	22.38	22.30		
10	64QAM	25	0	21.68	21.77	21.67		
10	64QAM	25	12	21.76	21.83	21.77	22	3
10	64QAM	25	25	21.77	21.80	21.77		
10	64QAM	50	0	21.72	21.80	21.75		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.20	24.24	24.24		
5	QPSK	1	12	24.09	24.19	24.06	25	0
5	QPSK	1	24	24.17	24.26	24.19		
5	QPSK	12	0	23.79	23.86	23.80		
5	QPSK	12	7	23.56	23.76	23.57	24	1
5	QPSK	12	13	23.60	23.78	23.67		
5	QPSK	25	0	23.75	23.76	23.79		
5	16QAM	1	0	23.30	23.37	23.21		
5	16QAM	1	12	23.47	23.49	23.43	24	1
5	16QAM	1	24	23.36	23.54	23.51		
5	16QAM	12	0	22.73	22.75	22.61		
5	16QAM	12	7	22.63	22.80	22.78	23	2
5	16QAM	12	13	22.72	22.90	22.71		
5	16QAM	25	0	22.66	22.88	22.81		
5	64QAM	1	0	22.23	22.35	22.33		
5	64QAM	1	12	22.38	22.49	22.36	23	2
5	64QAM	1	24	22.35	22.45	22.27		
5	64QAM	12	0	21.59	21.72	21.71		
5	64QAM	12	7	21.80	21.79	21.73	22	3
5	64QAM	12	13	21.88	21.90	21.78		
5	64QAM	25	0	21.66	21.83	21.70		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.24	15.29	15.28	15.5	0
20	QPSK	1	49	15.15	15.14	15.27		
20	QPSK	1	99	15.21	15.27	15.15		
20	QPSK	50	0	15.22	15.24	15.21	15.5	0
20	QPSK	50	24	15.19	15.16	15.16		
20	QPSK	50	50	15.20	15.20	15.19		
20	QPSK	100	0	15.13	15.20	15.16		
20	16QAM	1	0	15.22	15.28	15.15	15.5	0
20	16QAM	1	49	15.19	15.15	15.20		
20	16QAM	1	99	15.17	15.18	15.16		
20	16QAM	50	0	15.15	15.26	15.15	15.5	0
20	16QAM	50	24	15.12	15.21	15.23		
20	16QAM	50	50	15.17	15.16	15.18		
20	16QAM	100	0	15.22	15.14	15.18		
20	64QAM	1	0	15.17	15.27	15.23	15.5	0
20	64QAM	1	49	15.14	15.28	15.20		
20	64QAM	1	99	15.19	15.20	15.17		
20	64QAM	50	0	15.13	15.22	15.27	15.5	0
20	64QAM	50	24	15.21	15.25	15.18		
20	64QAM	50	50	15.23	15.28	15.22		
20	64QAM	100	0	15.18	15.24	15.27		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.22	15.18	15.20	15.5	0
15	QPSK	1	37	15.03	15.12	15.16		
15	QPSK	1	74	15.07	15.19	15.11		
15	QPSK	36	0	15.13	15.17	15.13	15.5	0
15	QPSK	36	20	15.14	15.01	15.15		
15	QPSK	36	39	15.07	15.17	15.12		
15	QPSK	75	0	15.01	15.06	15.13		
15	16QAM	1	0	15.08	15.15	15.11	15.5	0
15	16QAM	1	37	15.11	15.11	15.05		
15	16QAM	1	74	15.07	15.03	15.09		
15	16QAM	36	0	15.10	15.13	15.12	15.5	0
15	16QAM	36	20	15.11	15.06	15.15		
15	16QAM	36	39	15.10	15.14	15.07		
15	16QAM	75	0	15.11	15.11	15.16		
15	64QAM	1	0	15.03	15.18	15.17	15.5	0
15	64QAM	1	37	15.03	15.13	15.08		
15	64QAM	1	74	15.05	15.13	15.12		
15	64QAM	36	0	15.02	15.19	15.16	15.5	0
15	64QAM	36	20	15.18	15.21	15.11		
15	64QAM	36	39	15.19	15.14	15.07		
15	64QAM	75	0	15.14	15.15	15.22		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.09	15.25	15.25	15.5	0
10	QPSK	1	25	15.02	15.01	15.12		
10	QPSK	1	49	15.14	15.22	15.11		
10	QPSK	25	0	15.17	15.09	15.20	15.5	0
10	QPSK	25	12	15.07	15.13	15.03		
10	QPSK	25	25	15.10	15.08	15.17		
10	QPSK	50	0	15.03	15.08	15.04		
10	16QAM	1	0	15.20	15.19	15.10	15.5	0
10	16QAM	1	25	15.11	15.06	15.07		
10	16QAM	1	49	15.16	15.14	15.11		
10	16QAM	25	0	15.01	15.14	15.02	15.5	0
10	16QAM	25	12	15.01	15.08	15.15		
10	16QAM	25	25	15.02	15.11	15.15		
10	16QAM	50	0	15.18	15.08	15.03		
10	64QAM	1	0	15.12	15.12	15.08	15.5	0
10	64QAM	1	25	14.99	15.14	15.10		
10	64QAM	1	49	15.07	15.17	15.03		
10	64QAM	25	0	15.00	15.21	15.13	15.5	0
10	64QAM	25	12	15.09	15.22	15.13		
10	64QAM	25	25	15.22	15.26	15.18		
10	64QAM	50	0	15.12	15.14	15.13		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.14	15.19	15.15	15.5	0
5	QPSK	1	12	15.12	15.13	15.21		
5	QPSK	1	24	15.07	15.13	15.14		
5	QPSK	12	0	15.15	15.09	15.16	15.5	0
5	QPSK	12	7	15.06	15.03	15.10		
5	QPSK	12	13	15.10	15.16	15.16		
5	QPSK	25	0	15.08	15.10	15.07		
5	16QAM	1	0	15.14	15.13	15.02	15.5	0
5	16QAM	1	12	15.09	15.08	15.15		
5	16QAM	1	24	15.12	15.07	15.15		
5	16QAM	12	0	15.09	15.19	15.07	15.5	0
5	16QAM	12	7	15.01	15.07	15.21		
5	16QAM	12	13	15.13	15.15	15.09		
5	16QAM	25	0	15.08	15.10	15.17		
5	64QAM	1	0	15.13	15.25	15.15	15.5	0
5	64QAM	1	12	15.08	15.25	15.14		
5	64QAM	1	24	15.11	15.10	15.15		
5	64QAM	12	0	15.09	15.10	15.14	15.5	0
5	64QAM	12	7	15.19	15.14	15.04		
5	64QAM	12	13	15.17	15.17	15.10		
5	64QAM	25	0	15.14	15.23	15.24		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.32	18.42	18.40	19.5	0
20	QPSK	1	49	18.25	18.38	18.26		
20	QPSK	1	99	18.25	18.33	18.35		
20	QPSK	50	0	18.29	18.32	18.30	19.5	0
20	QPSK	50	24	18.21	18.23	18.29		
20	QPSK	50	50	18.23	18.30	18.21		
20	QPSK	100	0	18.29	18.30	18.30		
20	16QAM	1	0	18.28	18.37	18.30	19.5	0
20	16QAM	1	49	18.17	18.38	18.27		
20	16QAM	1	99	18.22	18.37	18.35		
20	16QAM	50	0	18.24	18.37	18.26	19.5	0
20	16QAM	50	24	18.29	18.33	18.30		
20	16QAM	50	50	18.31	18.41	18.34		
20	16QAM	100	0	18.17	18.40	18.32		
20	64QAM	1	0	18.23	18.27	18.33	19.5	0
20	64QAM	1	49	18.24	18.32	18.33		
20	64QAM	1	99	18.25	18.34	18.37		
20	64QAM	50	0	18.18	18.40	18.37	19.5	0
20	64QAM	50	24	18.31	18.30	18.34		
20	64QAM	50	50	18.22	18.35	18.27		
20	64QAM	100	0	18.26	18.28	18.28		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.23	18.34	18.32	19.5	0
15	QPSK	1	37	18.23	18.37	18.14		
15	QPSK	1	74	18.10	18.32	18.31		
15	QPSK	36	0	18.17	18.20	18.19	19.5	0
15	QPSK	36	20	18.14	18.18	18.16		
15	QPSK	36	39	18.18	18.28	18.14		
15	QPSK	75	0	18.25	18.21	18.16		
15	16QAM	1	0	18.19	18.33	18.27	19.5	0
15	16QAM	1	37	18.12	18.28	18.23		
15	16QAM	1	74	18.08	18.30	18.30		
15	16QAM	36	0	18.17	18.25	18.23	19.5	0
15	16QAM	36	20	18.27	18.26	18.28		
15	16QAM	36	39	18.23	18.34	18.30		
15	16QAM	75	0	18.08	18.39	18.18		
15	64QAM	1	0	18.11	18.21	18.19	19.5	0
15	64QAM	1	37	18.14	18.29	18.28		
15	64QAM	1	74	18.24	18.25	18.27		
15	64QAM	36	0	18.11	18.29	18.30	19.5	0
15	64QAM	36	20	18.17	18.18	18.32		
15	64QAM	36	39	18.07	18.26	18.16		
15	64QAM	75	0	18.25	18.14	18.18		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.28	18.35	18.26	19.5	0
10	QPSK	1	25	18.12	18.36	18.24		
10	QPSK	1	49	18.22	18.30	18.22		
10	QPSK	25	0	18.15	18.27	18.23	19.5	0
10	QPSK	25	12	18.14	18.22	18.17		
10	QPSK	25	25	18.18	18.16	18.06		
10	QPSK	50	0	18.26	18.19	18.25		
10	16QAM	1	0	18.14	18.24	18.28	19.5	0
10	16QAM	1	25	18.07	18.35	18.20		
10	16QAM	1	49	18.15	18.26	18.31		
10	16QAM	25	0	18.22	18.28	18.20	19.5	0
10	16QAM	25	12	18.18	18.20	18.15		
10	16QAM	25	25	18.30	18.37	18.25		
10	16QAM	50	0	18.06	18.38	18.18		
10	64QAM	1	0	18.14	18.21	18.27	19.5	0
10	64QAM	1	25	18.20	18.28	18.27		
10	64QAM	1	49	18.21	18.25	18.22		
10	64QAM	25	0	18.16	18.30	18.25	19.5	0
10	64QAM	25	12	18.22	18.25	18.27		
10	64QAM	25	25	18.19	18.28	18.15		
10	64QAM	50	0	18.18	18.24	18.22		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.29	18.29	18.30	19.5	0
5	QPSK	1	12	18.24	18.23	18.25		
5	QPSK	1	24	18.12	18.30	18.20		
5	QPSK	12	0	18.19	18.18	18.15	19.5	0
5	QPSK	12	7	18.15	18.08	18.17		
5	QPSK	12	13	18.22	18.16	18.15		
5	QPSK	25	0	18.22	18.23	18.22		
5	16QAM	1	0	18.16	18.22	18.29	19.5	0
5	16QAM	1	12	18.05	18.31	18.17		
5	16QAM	1	24	18.12	18.28	18.24		
5	16QAM	12	0	18.12	18.23	18.24	19.5	0
5	16QAM	12	7	18.20	18.28	18.17		
5	16QAM	12	13	18.30	18.34	18.19		
5	16QAM	25	0	18.09	18.33	18.18		
5	64QAM	1	0	18.13	18.19	18.25	19.5	0
5	64QAM	1	12	18.14	18.19	18.31		
5	64QAM	1	24	18.17	18.27	18.25		
5	64QAM	12	0	18.06	18.38	18.36	19.5	0
5	64QAM	12	7	18.16	18.27	18.33		
5	64QAM	12	13	18.15	18.25	18.22		
5	64QAM	25	0	18.23	18.27	18.25		

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.03	23.07	23.04	24	0
10	QPSK	1	25	23.02	23.00	22.89		
10	QPSK	1	49	23.02	22.96	22.91		
10	QPSK	25	0	22.86	22.90	22.83	24	0
10	QPSK	25	12	22.73	22.88	22.79		
10	QPSK	25	25	22.75	22.84	22.76		
10	QPSK	50	0	22.82	22.89	22.74		
10	16QAM	1	0	22.93	23.05	23.05	24	0
10	16QAM	1	25	23.03	23.01	23.04		
10	16QAM	1	49	23.03	23.01	22.97		
10	16QAM	25	0	21.74	21.83	21.88	23	1
10	16QAM	25	12	21.88	21.83	21.77		
10	16QAM	25	25	21.72	21.82	21.72		
10	16QAM	50	0	21.71	21.92	21.83		
10	64QAM	1	0	21.86	22.02	21.87	23	1
10	64QAM	1	25	21.94	22.01	22.00		
10	64QAM	1	49	21.82	21.99	21.85		
10	64QAM	25	0	20.82	20.80	20.76	22	2
10	64QAM	25	12	20.70	20.93	20.74		
10	64QAM	25	25	20.78	20.89	20.78		
10	64QAM	50	0	20.69	20.84	20.65		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.95	23.02	23.00	24	0
5	QPSK	1	12	22.88	22.86	22.87		
5	QPSK	1	24	22.98	22.81	22.88		
5	QPSK	12	0	22.75	22.75	22.80	24	0
5	QPSK	12	7	22.64	22.75	22.76		
5	QPSK	12	13	22.67	22.74	22.66		
5	QPSK	25	0	22.76	22.78	22.63		
5	16QAM	1	0	22.80	23.05	22.97	24	0
5	16QAM	1	12	22.90	23.06	23.01		
5	16QAM	1	24	23.01	23.04	23.03		
5	16QAM	12	0	21.67	21.78	21.82	23	1
5	16QAM	12	7	21.73	21.68	21.71		
5	16QAM	12	13	21.58	21.74	21.69		
5	16QAM	25	0	21.64	21.78	21.77		
5	64QAM	1	0	21.83	21.87	21.72	23	1
5	64QAM	1	12	21.84	21.98	21.90		
5	64QAM	1	24	21.72	21.96	21.73		
5	64QAM	12	0	20.74	20.76	20.68	22	2
5	64QAM	12	7	20.59	20.78	20.73		
5	64QAM	12	13	20.63	20.76	20.75		
5	64QAM	25	0	20.57	20.81	20.59		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.94	23.03	23.00	24	0
3	QPSK	1	8	22.90	22.85	22.80		
3	QPSK	1	14	22.91	22.88	22.78		
3	QPSK	8	0	22.85	22.77	22.74	24	0
3	QPSK	8	4	22.58	22.87	22.67		
3	QPSK	8	7	22.65	22.81	22.65		
3	QPSK	15	0	22.75	22.83	22.68		
3	16QAM	1	0	22.89	23.01	23.04	24	0
3	16QAM	1	8	22.97	23.01	23.03		
3	16QAM	1	14	23.02	23.01	22.99		
3	16QAM	8	0	21.66	21.78	21.75	23	1
3	16QAM	8	4	21.74	21.69	21.69		
3	16QAM	8	7	21.58	21.70	21.60		
3	16QAM	15	0	21.60	21.87	21.81		
3	64QAM	1	0	21.73	21.95	21.77	23	1
3	64QAM	1	8	21.91	21.89	21.86		
3	64QAM	1	14	21.78	21.90	21.76		
3	64QAM	8	0	20.68	20.76	20.71	22	2
3	64QAM	8	4	20.60	20.92	20.60		
3	64QAM	8	7	20.69	20.88	20.75		
3	64QAM	15	0	20.58	20.74	20.54		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.92	22.99	22.91	24	0
1.4	QPSK	1	3	22.95	22.96	22.87		
1.4	QPSK	1	5	22.94	22.85	22.80		
1.4	QPSK	3	0	22.75	22.81	22.71		
1.4	QPSK	3	1	22.72	22.73	22.69		
1.4	QPSK	3	3	22.64	22.72	22.72		
1.4	QPSK	6	0	22.73	22.80	22.72	24	0
1.4	16QAM	1	0	22.54	22.92	22.87	24	0
1.4	16QAM	1	3	22.68	22.89	23.06		
1.4	16QAM	1	5	22.94	22.94	22.78		
1.4	16QAM	3	0	22.67	23.01	22.90		
1.4	16QAM	3	1	22.79	22.94	23.01		
1.4	16QAM	3	3	23.06	23.06	22.89		
1.4	16QAM	6	0	21.67	21.83	21.77	23	1
1.4	64QAM	1	0	21.74	21.92	21.77	23	1
1.4	64QAM	1	3	21.86	21.91	21.93		
1.4	64QAM	1	5	21.80	21.86	21.79		
1.4	64QAM	3	0	21.67	21.78	21.76		
1.4	64QAM	3	1	21.74	21.84	21.86		
1.4	64QAM	3	3	21.75	21.84	21.67		
1.4	64QAM	6	0	20.63	20.73	20.50	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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.01	23.19	23.08		
10	QPSK	1	25	22.95	22.97	22.96	24	0
10	QPSK	1	49	22.99	23.06	23.07		
10	QPSK	25	0	22.15	22.26	22.15		
10	QPSK	25	12	22.14	22.19	22.06	23	1
10	QPSK	25	25	22.13	22.23	22.13		
10	QPSK	50	0	22.18	22.23	22.10		
10	16QAM	1	0	22.29	22.39	22.27		
10	16QAM	1	25	22.34	22.48	22.35	23	1
10	16QAM	1	49	22.42	22.53	22.46		
10	16QAM	25	0	21.15	21.19	21.15		
10	16QAM	25	12	21.14	21.16	21.14	22	2
10	16QAM	25	25	21.18	21.21	21.15		
10	16QAM	50	0	21.11	21.23	21.11		
10	64QAM	1	0	21.14	21.29	21.16		
10	64QAM	1	25	21.20	21.30	21.25	22	2
10	64QAM	1	49	21.36	21.39	21.30		
10	64QAM	25	0	20.08	20.18	20.07		
10	64QAM	25	12	20.07	20.16	20.11	21	3
10	64QAM	25	25	20.13	20.21	20.06		
10	64QAM	50	0	20.10	20.21	20.14		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.98	23.16	23.03		
5	QPSK	1	12	22.89	22.82	22.84	24	0
5	QPSK	1	24	22.91	23.05	22.93		
5	QPSK	12	0	22.03	22.24	22.03		
5	QPSK	12	7	22.09	22.16	21.92	23	1
5	QPSK	12	13	22.07	22.13	22.12		
5	QPSK	25	0	22.09	22.10	22.06		
5	16QAM	1	0	22.27	22.38	22.12		
5	16QAM	1	12	22.23	22.39	22.30	23	1
5	16QAM	1	24	22.32	22.50	22.31		
5	16QAM	12	0	21.12	21.14	21.03		
5	16QAM	12	7	21.08	21.10	21.13	22	2
5	16QAM	12	13	21.10	21.12	21.10		
5	16QAM	25	0	21.07	21.17	21.07		
5	64QAM	1	0	21.06	21.20	21.09		
5	64QAM	1	12	21.16	21.17	21.13	22	2
5	64QAM	1	24	21.31	21.26	21.19		
5	64QAM	12	0	20.01	20.17	20.04		
5	64QAM	12	7	20.06	20.14	20.02	21	3
5	64QAM	12	13	20.08	20.18	20.04		
5	64QAM	25	0	20.00	20.06	20.01		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.91	23.07	23.05		
3	QPSK	1	8	22.93	22.87	22.84	24	0
3	QPSK	1	14	22.97	22.95	22.93		
3	QPSK	8	0	22.11	22.18	22.03		
3	QPSK	8	4	22.04	22.05	22.05	23	1
3	QPSK	8	7	22.11	22.14	22.07		
3	QPSK	15	0	22.11	22.13	21.99		
3	16QAM	1	0	22.17	22.32	22.20		
3	16QAM	1	8	22.32	22.44	22.21	23	1
3	16QAM	1	14	22.30	22.44	22.32		
3	16QAM	8	0	21.05	21.11	21.04		
3	16QAM	8	4	21.09	21.06	21.13	22	2
3	16QAM	8	7	21.08	21.15	21.13		
3	16QAM	15	0	21.04	21.14	21.02		
3	64QAM	1	0	21.11	21.18	21.15		
3	64QAM	1	8	21.06	21.27	21.11	22	2
3	64QAM	1	14	21.25	21.31	21.16		
3	64QAM	8	0	19.96	20.16	20.02		
3	64QAM	8	4	19.95	20.15	19.98	21	3
3	64QAM	8	7	19.98	20.12	20.00		
3	64QAM	15	0	20.05	20.18	20.09		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.98	23.11	23.07		
1.4	QPSK	1	3	22.90	22.83	22.89		
1.4	QPSK	1	5	22.88	22.95	23.04	24	0
1.4	QPSK	3	0	22.91	23.13	22.97		
1.4	QPSK	3	1	22.90	22.89	22.82		
1.4	QPSK	3	3	22.92	22.95	22.97		
1.4	QPSK	6	0	22.09	22.20	21.96	23	1
1.4	16QAM	1	0	22.20	22.26	22.13		
1.4	16QAM	1	3	22.26	22.45	22.27		
1.4	16QAM	1	5	22.36	22.41	22.32	23	1
1.4	16QAM	3	0	22.16	22.17	22.08		
1.4	16QAM	3	1	22.11	22.42	22.17		
1.4	16QAM	3	3	22.33	22.28	22.27		
1.4	16QAM	6	0	21.04	21.18	21.02	22	2
1.4	64QAM	1	0	21.09	21.20	21.14		
1.4	64QAM	1	3	21.05	21.28	21.17		
1.4	64QAM	1	5	21.35	21.28	21.22	22	2
1.4	64QAM	3	0	20.98	21.11	21.03		
1.4	64QAM	3	1	21.04	21.24	21.06		
1.4	64QAM	3	3	21.34	21.15	21.09		
1.4	64QAM	6	0	19.96	20.12	20.13	21	3

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		22.17			
10	QPSK	1	25		22.13		23.3	0
10	QPSK	1	49		22.14			
10	QPSK	25	0		21.65			
10	QPSK	25	12		21.64		22.8	0.5
10	QPSK	25	25		21.64			
10	QPSK	50	0		21.64			
10	16QAM	1	0		21.95			
10	16QAM	1	25		21.95		22.8	0.5
10	16QAM	1	49		21.92			
10	16QAM	25	0		20.62			
10	16QAM	25	12		20.63		21.8	1.5
10	16QAM	25	25		20.63			
10	16QAM	50	0		20.63			
10	64QAM	1	0		20.88			
10	64QAM	1	25		20.82		21.8	1.5
10	64QAM	1	49		20.79			
10	64QAM	25	0		19.62			
10	64QAM	25	12		19.62		20.8	2.5
10	64QAM	25	25		19.67			
10	64QAM	50	0		19.61			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.02	22.04	22.05		
5	QPSK	1	12	22.05	22.09	21.98	23.3	0
5	QPSK	1	24	22.11	22.02	22.13		
5	QPSK	12	0	21.62	21.57	21.51		
5	QPSK	12	7	21.51	21.52	21.54	22.8	0.5
5	QPSK	12	13	21.56	21.57	21.61		
5	QPSK	25	0	21.59	21.61	21.50		
5	16QAM	1	0	21.93	21.85	21.92		
5	16QAM	1	12	21.84	21.92	21.82	22.8	0.5
5	16QAM	1	24	21.87	21.90	21.77		
5	16QAM	12	0	20.56	20.51	20.54		
5	16QAM	12	7	20.61	20.54	20.48	21.8	1.5
5	16QAM	12	13	20.62	20.57	20.61		
5	16QAM	25	0	20.54	20.54	20.54		
5	64QAM	1	0	20.77	20.77	20.85		
5	64QAM	1	12	20.68	20.67	20.75	21.8	1.5
5	64QAM	1	24	20.68	20.65	20.65		
5	64QAM	12	0	19.61	19.56	19.49		
5	64QAM	12	7	19.61	19.53	19.50	20.8	2.5
5	64QAM	12	13	19.63	19.54	19.61		
5	64QAM	25	0	19.57	19.51	19.53		

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		21.89			
10	QPSK	1	25		21.77		22.8	0
10	QPSK	1	49		21.77			
10	QPSK	25	0		20.85			
10	QPSK	25	12		20.81		21.8	1
10	QPSK	25	25		20.79			
10	QPSK	50	0		20.80			
10	16QAM	1	0		21.15			
10	16QAM	1	25		21.12		21.8	1
10	16QAM	1	49		21.12			
10	16QAM	25	0		19.87			
10	16QAM	25	12		19.82		20.8	2
10	16QAM	25	25		19.80			
10	16QAM	50	0		19.82			
10	64QAM	1	0		20.08			
10	64QAM	1	25		20.00		20.8	2
10	64QAM	1	49		19.95			
10	64QAM	25	0		18.83			
10	64QAM	25	12		18.81		19.8	3
10	64QAM	25	25		18.79			
10	64QAM	50	0		18.78			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.80	21.81	21.74		
5	QPSK	1	12	21.66	21.68	21.65	22.8	0
5	QPSK	1	24	21.64	21.65	21.67		
5	QPSK	12	0	20.84	20.73	20.82		
5	QPSK	12	7	20.78	20.72	20.79	21.8	1
5	QPSK	12	13	20.69	20.74	20.75		
5	QPSK	25	0	20.78	20.71	20.67		
5	16QAM	1	0	21.06	21.06	21.00		
5	16QAM	1	12	20.99	20.98	21.02	21.8	1
5	16QAM	1	24	21.07	21.10	21.08		
5	16QAM	12	0	19.81	19.78	19.74		
5	16QAM	12	7	19.80	19.77	19.76	20.8	2
5	16QAM	12	13	19.66	19.67	19.71		
5	16QAM	25	0	19.71	19.70	19.79		
5	64QAM	1	0	20.02	19.94	19.95		
5	64QAM	1	12	19.98	19.90	19.85	20.8	2
5	64QAM	1	24	19.92	19.81	19.93		
5	64QAM	12	0	18.77	18.76	18.73		
5	64QAM	12	7	18.66	18.79	18.66	19.8	3
5	64QAM	12	13	18.66	18.73	18.66		
5	64QAM	25	0	18.72	18.73	18.68		

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	22.90	22.98	22.95	24	0
10	QPSK	1	25	22.86	22.85	22.81		
10	QPSK	1	49	22.88	22.89	22.85		
10	QPSK	25	0	22.88	22.91	22.87	24	0
10	QPSK	25	12	22.83	22.83	22.84		
10	QPSK	25	25	22.85	22.89	22.86		
10	QPSK	50	0	22.78	22.87	22.82		
10	16QAM	1	0	22.84	22.96	22.88	24	0
10	16QAM	1	25	22.84	22.93	22.85		
10	16QAM	1	49	22.83	22.96	22.90		
10	16QAM	25	0	21.80	21.95	21.87	23	1
10	16QAM	25	12	21.76	21.80	21.73		
10	16QAM	25	25	21.76	21.96	21.79		
10	16QAM	50	0	21.77	21.92	21.75		
10	64QAM	1	0	21.97	22.05	21.97	23	1
10	64QAM	1	25	21.96	22.00	22.03		
10	64QAM	1	49	21.97	22.10	21.96		
10	64QAM	25	0	20.80	20.91	20.73	22	2
10	64QAM	25	12	20.72	20.89	20.76		
10	64QAM	25	25	20.77	20.91	20.91		
10	64QAM	50	0	20.78	20.93	20.85		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.75	22.88	22.87	24	0
5	QPSK	1	12	22.81	22.80	22.78		
5	QPSK	1	24	22.73	22.75	22.79		
5	QPSK	12	0	22.78	22.80	22.81	24	0
5	QPSK	12	7	22.79	22.81	22.75		
5	QPSK	12	13	22.72	22.77	22.80		
5	QPSK	25	0	22.68	22.81	22.67		
5	16QAM	1	0	22.69	22.92	22.81	24	0
5	16QAM	1	12	22.72	22.86	22.74		
5	16QAM	1	24	22.74	22.82	22.81		
5	16QAM	12	0	21.65	21.81	21.77	23	1
5	16QAM	12	7	21.64	21.73	21.63		
5	16QAM	12	13	21.68	21.86	21.65		
5	16QAM	25	0	21.71	21.86	21.72		
5	64QAM	1	0	21.89	21.92	21.96	23	1
5	64QAM	1	12	21.90	21.88	21.88		
5	64QAM	1	24	21.84	22.02	21.85		
5	64QAM	12	0	20.73	20.76	20.64	22	2
5	64QAM	12	7	20.67	20.74	20.67		
5	64QAM	12	13	20.75	20.76	20.76		
5	64QAM	25	0	20.74	20.86	20.77		

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	23.03	23.07	22.99	24	0
10	QPSK	1	25	22.85	22.87	22.83		
10	QPSK	1	49	22.85	23.06	22.93		
10	QPSK	25	0	22.21	22.27	22.17	23	1
10	QPSK	25	12	22.00	22.17	22.00		
10	QPSK	25	25	22.07	22.24	22.15		
10	QPSK	50	0	22.19	22.23	22.17		
10	16QAM	1	0	22.47	22.51	22.47	23	1
10	16QAM	1	25	22.40	22.49	22.38		
10	16QAM	1	49	22.35	22.47	22.32		
10	16QAM	25	0	21.05	21.19	21.12	22	2
10	16QAM	25	12	21.02	21.16	21.14		
10	16QAM	25	25	21.11	21.24	21.18		
10	16QAM	50	0	21.09	21.19	21.13		
10	64QAM	1	0	21.34	21.38	21.36	22	2
10	64QAM	1	25	21.29	21.34	21.29		
10	64QAM	1	49	21.33	21.37	21.31		
10	64QAM	25	0	20.14	20.20	20.08	21	3
10	64QAM	25	12	20.08	20.15	20.06		
10	64QAM	25	25	20.15	20.23	20.15		
10	64QAM	50	0	20.11	20.22	20.17		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.90	23.03	22.84	24	0
5	QPSK	1	12	22.71	22.76	22.79		
5	QPSK	1	24	22.79	22.95	22.88		
5	QPSK	12	0	22.18	22.13	22.11	23	1
5	QPSK	12	7	21.95	22.14	21.92		
5	QPSK	12	13	22.04	22.10	22.13		
5	QPSK	25	0	22.16	22.15	22.11		
5	16QAM	1	0	22.38	22.36	22.44	23	1
5	16QAM	1	12	22.34	22.47	22.32		
5	16QAM	1	24	22.24	22.34	22.24		
5	16QAM	12	0	21.03	21.04	21.07	22	2
5	16QAM	12	7	20.88	21.10	21.05		
5	16QAM	12	13	21.02	21.19	21.13		
5	16QAM	25	0	20.97	21.16	21.07		
5	64QAM	1	0	21.20	21.35	21.23	22	2
5	64QAM	1	12	21.25	21.26	21.28		
5	64QAM	1	24	21.29	21.36	21.28		
5	64QAM	12	0	20.13	20.09	20.07	21	3
5	64QAM	12	7	20.05	20.06	19.96		
5	64QAM	12	13	20.08	20.21	20.05		
5	64QAM	25	0	20.08	20.12	20.03		

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	19.49	19.50	19.43	20.5	0
15	QPSK	1	37	19.44	19.43	19.29		
15	QPSK	1	74	19.35	19.43	19.31		
15	QPSK	36	0	19.41	19.47	19.35	20.5	0
15	QPSK	36	20	19.35	19.40	19.33		
15	QPSK	36	39	19.39	19.38	19.30		
15	QPSK	75	0	19.34	19.42	19.35		
15	16QAM	1	0	19.42	19.35	19.34	20.5	0
15	16QAM	1	37	19.34	19.39	19.40		
15	16QAM	1	74	19.45	19.42	19.37		
15	16QAM	36	0	19.42	19.43	19.37	20.5	0
15	16QAM	36	20	19.39	19.37	19.32		
15	16QAM	36	39	19.41	19.47	19.30		
15	16QAM	75	0	19.36	19.46	19.41		
15	64QAM	1	0	19.40	19.38	19.29	20.5	0
15	64QAM	1	37	19.42	19.45	19.39		
15	64QAM	1	74	19.44	19.35	19.40		
15	64QAM	36	0	19.48	19.35	19.34	20.5	0
15	64QAM	36	20	19.37	19.47	19.35		
15	64QAM	36	39	19.38	19.46	19.30		
15	64QAM	75	0	19.34	19.49	19.38		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.36	19.37	19.31	20.5	0
10	QPSK	1	25	19.34	19.42	19.20		
10	QPSK	1	49	19.29	19.32	19.16		
10	QPSK	25	0	19.32	19.34	19.29	20.5	0
10	QPSK	25	12	19.23	19.25	19.21		
10	QPSK	25	25	19.26	19.37	19.21		
10	QPSK	50	0	19.32	19.39	19.30		
10	16QAM	1	0	19.31	19.32	19.29	20.5	0
10	16QAM	1	25	19.33	19.36	19.33		
10	16QAM	1	49	19.42	19.27	19.29		
10	16QAM	25	0	19.34	19.38	19.26	20.5	0
10	16QAM	25	12	19.33	19.22	19.22		
10	16QAM	25	25	19.27	19.35	19.27		
10	16QAM	50	0	19.30	19.42	19.39		
10	64QAM	1	0	19.25	19.29	19.21	20.5	0
10	64QAM	1	25	19.36	19.37	19.29		
10	64QAM	1	49	19.30	19.20	19.38		
10	64QAM	25	0	19.47	19.23	19.28	20.5	0
10	64QAM	25	12	19.25	19.38	19.21		
10	64QAM	25	25	19.33	19.41	19.20		
10	64QAM	50	0	19.19	19.43	19.33		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.44	19.47	19.41	20.5	0
5	QPSK	1	12	19.29	19.29	19.25		
5	QPSK	1	24	19.33	19.39	19.20		
5	QPSK	12	0	19.29	19.45	19.29	20.5	0
5	QPSK	12	7	19.26	19.34	19.28		
5	QPSK	12	13	19.32	19.29	19.26		
5	QPSK	25	0	19.26	19.36	19.27		
5	16QAM	1	0	19.27	19.25	19.25	20.5	0
5	16QAM	1	12	19.20	19.24	19.35		
5	16QAM	1	24	19.42	19.37	19.24		
5	16QAM	12	0	19.34	19.35	19.28	20.5	0
5	16QAM	12	7	19.27	19.28	19.28		
5	16QAM	12	13	19.30	19.33	19.21		
5	16QAM	25	0	19.28	19.42	19.35		
5	64QAM	1	0	19.25	19.29	19.28	20.5	0
5	64QAM	1	12	19.35	19.34	19.26		
5	64QAM	1	24	19.38	19.25	19.33		
5	64QAM	12	0	19.37	19.26	19.27	20.5	0
5	64QAM	12	7	19.23	19.33	19.34		
5	64QAM	12	13	19.37	19.37	19.18		
5	64QAM	25	0	19.32	19.40	19.35		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.38	19.37	19.32	20.5	0
3	QPSK	1	8	19.42	19.39	19.14		
3	QPSK	1	14	19.27	19.37	19.27		
3	QPSK	8	0	19.31	19.45	19.24	20.5	0
3	QPSK	8	4	19.27	19.39	19.21		
3	QPSK	8	7	19.34	19.32	19.26		
3	QPSK	15	0	19.32	19.31	19.23		
3	16QAM	1	0	19.28	19.34	19.25	20.5	0
3	16QAM	1	8	19.26	19.25	19.37		
3	16QAM	1	14	19.43	19.34	19.29		
3	16QAM	8	0	19.41	19.33	19.29	20.5	0
3	16QAM	8	4	19.35	19.26	19.17		
3	16QAM	8	7	19.40	19.38	19.21		
3	16QAM	15	0	19.21	19.31	19.34		
3	64QAM	1	0	19.36	19.37	19.19	20.5	0
3	64QAM	1	8	19.34	19.42	19.32		
3	64QAM	1	14	19.35	19.21	19.35		
3	64QAM	8	0	19.34	19.33	19.24	20.5	0
3	64QAM	8	4	19.31	19.37	19.28		
3	64QAM	8	7	19.36	19.41	19.20		
3	64QAM	15	0	19.25	19.36	19.27		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.46	19.37	19.42	20.5	0
1.4	QPSK	1	3	19.37	19.42	19.17		
1.4	QPSK	1	5	19.25	19.31	19.19		
1.4	QPSK	3	0	19.37	19.43	19.30		
1.4	QPSK	3	1	19.21	19.30	19.30		
1.4	QPSK	3	3	19.30	19.34	19.26		
1.4	QPSK	6	0	19.23	19.35	19.22	20.5	0
1.4	16QAM	1	0	19.36	19.27	19.25	20.5	0
1.4	16QAM	1	3	19.19	19.25	19.28		
1.4	16QAM	1	5	19.36	19.35	19.31		
1.4	16QAM	3	0	19.37	19.39	19.26		
1.4	16QAM	3	1	19.24	19.33	19.20		
1.4	16QAM	3	3	19.32	19.43	19.19		
1.4	16QAM	6	0	19.22	19.31	19.28	20.5	0
1.4	64QAM	1	0	19.34	19.34	19.27	20.5	0
1.4	64QAM	1	3	19.35	19.30	19.28		
1.4	64QAM	1	5	19.39	19.30	19.32		
1.4	64QAM	3	0	19.47	19.20	19.24		
1.4	64QAM	3	1	19.34	19.36	19.26		
1.4	64QAM	3	3	19.24	19.36	19.26		
1.4	64QAM	6	0	19.33	19.39	19.28	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	19.97	19.99	19.91		
15	QPSK	1	37	19.89	19.91	19.88	21	0
15	QPSK	1	74	19.93	19.93	19.87		
15	QPSK	36	0	19.92	19.93	19.82		
15	QPSK	36	20	19.86	19.85	19.80	21	0
15	QPSK	36	39	19.90	19.88	19.81		
15	QPSK	75	0	19.85	19.90	19.79		
15	16QAM	1	0	19.90	19.98	19.79		
15	16QAM	1	37	19.83	19.86	19.81	21	0
15	16QAM	1	74	19.90	19.94	19.88		
15	16QAM	36	0	19.95	19.97	19.86		
15	16QAM	36	20	19.95	19.84	19.87	21	0
15	16QAM	36	39	19.88	19.87	19.76		
15	16QAM	75	0	19.91	19.91	19.89		
15	64QAM	1	0	19.92	19.93	19.86		
15	64QAM	1	37	19.90	19.98	19.87	21	0
15	64QAM	1	74	19.94	19.92	19.77		
15	64QAM	36	0	19.66	19.77	19.56		
15	64QAM	36	20	19.76	19.67	19.70	21	0
15	64QAM	36	39	19.76	19.80	19.67		
15	64QAM	75	0	19.59	19.78	19.72		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.89	19.93	19.89		
10	QPSK	1	25	19.82	19.86	19.83	21	0
10	QPSK	1	49	19.87	19.85	19.84		
10	QPSK	25	0	19.88	19.92	19.72		
10	QPSK	25	12	19.74	19.71	19.70	21	0
10	QPSK	25	25	19.80	19.74	19.73		
10	QPSK	50	0	19.79	19.81	19.69		
10	16QAM	1	0	19.83	19.86	19.78		
10	16QAM	1	25	19.78	19.77	19.73	21	0
10	16QAM	1	49	19.85	19.90	19.87		
10	16QAM	25	0	19.94	19.84	19.75		
10	16QAM	25	12	19.83	19.73	19.80	21	0
10	16QAM	25	25	19.77	19.79	19.64		
10	16QAM	50	0	19.84	19.85	19.83		
10	64QAM	1	0	19.86	19.92	19.84		
10	64QAM	1	25	19.82	19.92	19.86	21	0
10	64QAM	1	49	19.80	19.88	19.68		
10	64QAM	25	0	19.59	19.74	19.41		
10	64QAM	25	12	19.69	19.60	19.58	21	0
10	64QAM	25	25	19.63	19.69	19.54		
10	64QAM	50	0	19.55	19.63	19.66		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.92	19.84	19.86		
5	QPSK	1	12	19.75	19.81	19.80	21	0
5	QPSK	1	24	19.85	19.84	19.72		
5	QPSK	12	0	19.87	19.84	19.78		
5	QPSK	12	7	19.84	19.79	19.70	21	0
5	QPSK	12	13	19.83	19.76	19.77		
5	QPSK	25	0	19.71	19.87	19.75		
5	16QAM	1	0	19.79	19.93	19.77		
5	16QAM	1	12	19.70	19.81	19.68	21	0
5	16QAM	1	24	19.80	19.83	19.86		
5	16QAM	12	0	19.94	19.90	19.83		
5	16QAM	12	7	19.93	19.76	19.86	21	0
5	16QAM	12	13	19.83	19.78	19.70		
5	16QAM	25	0	19.76	19.76	19.80		
5	64QAM	1	0	19.90	19.82	19.82		
5	64QAM	1	12	19.80	19.97	19.74	21	0
5	64QAM	1	24	19.81	19.90	19.73		
5	64QAM	12	0	19.54	19.74	19.46		
5	64QAM	12	7	19.73	19.60	19.68	21	0
5	64QAM	12	13	19.71	19.66	19.60		
5	64QAM	25	0	19.54	19.75	19.57		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.96	19.87	19.90		
3	QPSK	1	8	19.86	19.86	19.79	21	0
3	QPSK	1	14	19.83	19.92	19.86		
3	QPSK	8	0	19.80	19.78	19.76		
3	QPSK	8	4	19.72	19.71	19.66	21	0
3	QPSK	8	7	19.83	19.87	19.76		
3	QPSK	15	0	19.84	19.89	19.76		
3	16QAM	1	0	19.76	19.94	19.71		
3	16QAM	1	8	19.80	19.72	19.68	21	0
3	16QAM	1	14	19.86	19.83	19.85		
3	16QAM	8	0	19.81	19.96	19.78		
3	16QAM	8	4	19.93	19.73	19.82	21	0
3	16QAM	8	7	19.79	19.77	19.70		
3	16QAM	15	0	19.88	19.90	19.87		
3	64QAM	1	0	19.79	19.87	19.79		
3	64QAM	1	8	19.87	19.83	19.78	21	0
3	64QAM	1	14	19.92	19.87	19.72		
3	64QAM	8	0	19.65	19.63	19.55		
3	64QAM	8	4	19.64	19.59	19.58	21	0
3	64QAM	8	7	19.66	19.66	19.62		
3	64QAM	15	0	19.57	19.65	19.58		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.87	19.97	19.90		
1.4	QPSK	1	3	19.79	19.83	19.83		
1.4	QPSK	1	5	19.78	19.92	19.85	21	0
1.4	QPSK	3	0	19.78	19.85	19.77		
1.4	QPSK	3	1	19.81	19.77	19.77		
1.4	QPSK	3	3	19.87	19.86	19.69		
1.4	QPSK	6	0	19.72	19.86	19.71	21	0
1.4	16QAM	1	0	19.79	19.91	19.74		
1.4	16QAM	1	3	19.78	19.77	19.74		
1.4	16QAM	1	5	19.88	19.89	19.87	21	0
1.4	16QAM	3	0	19.94	19.86	19.83		
1.4	16QAM	3	1	19.89	19.76	19.81		
1.4	16QAM	3	3	19.76	19.79	19.71		
1.4	16QAM	6	0	19.79	19.83	19.83	21	0
1.4	64QAM	1	0	19.83	19.89	19.78		
1.4	64QAM	1	3	19.80	19.96	19.81		
1.4	64QAM	1	5	19.86	19.88	19.67	21	0
1.4	64QAM	3	0	19.62	19.64	19.50		
1.4	64QAM	3	1	19.74	19.63	19.63		
1.4	64QAM	3	3	19.72	19.66	19.58		
1.4	64QAM	6	0	19.52	19.76	19.64	21	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.95	23.97	23.93		
20	QPSK	1	49	23.87	23.89	23.80	25	0
20	QPSK	1	99	23.70	23.82	23.67		
20	QPSK	50	0	23.43	23.48	23.47		
20	QPSK	50	24	23.32	23.44	23.38	24	1
20	QPSK	50	50	23.25	23.34	23.30		
20	QPSK	100	0	23.25	23.40	23.26		
20	16QAM	1	0	23.43	23.49	23.41		
20	16QAM	1	49	23.59	23.60	23.57	24	1
20	16QAM	1	99	23.53	23.61	23.46		
20	16QAM	50	0	22.46	22.47	22.41		
20	16QAM	50	24	22.31	22.41	22.37	23	2
20	16QAM	50	50	22.27	22.31	22.28		
20	16QAM	100	0	22.30	22.37	22.29		
20	64QAM	1	0	22.55	22.60	22.55		
20	64QAM	1	49	22.53	22.55	22.50	23	2
20	64QAM	1	99	22.47	22.52	22.42		
20	64QAM	50	0	21.45	21.46	21.31		
20	64QAM	50	24	21.37	21.43	21.36	22	3
20	64QAM	50	50	21.24	21.31	21.20		
20	64QAM	100	0	21.24	21.37	21.23		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.80	23.86	23.88		
15	QPSK	1	37	23.86	23.77	23.72	25	0
15	QPSK	1	74	23.59	23.70	23.62		
15	QPSK	36	0	23.34	23.38	23.46		
15	QPSK	36	20	23.19	23.38	23.23	24	1
15	QPSK	36	39	23.10	23.27	23.18		
15	QPSK	75	0	23.22	23.34	23.13		
15	16QAM	1	0	23.39	23.38	23.37		
15	16QAM	1	37	23.56	23.48	23.51	24	1
15	16QAM	1	74	23.51	23.59	23.44		
15	16QAM	36	0	22.45	22.40	22.32		
15	16QAM	36	20	22.30	22.26	22.31	23	2
15	16QAM	36	39	22.12	22.23	22.26		
15	16QAM	75	0	22.27	22.24	22.14		
15	64QAM	1	0	22.54	22.59	22.48		
15	64QAM	1	37	22.41	22.44	22.47	23	2
15	64QAM	1	74	22.36	22.43	22.30		
15	64QAM	36	0	21.36	21.37	21.27		
15	64QAM	36	20	21.24	21.40	21.29	22	3
15	64QAM	36	39	21.13	21.22	21.19		
15	64QAM	75	0	21.16	21.27	21.20		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.80	23.94	23.90		
10	QPSK	1	25	23.72	23.84	23.68	25	0
10	QPSK	1	49	23.58	23.81	23.57		
10	QPSK	25	0	23.29	23.34	23.45		
10	QPSK	25	12	23.21	23.39	23.30	24	1
10	QPSK	25	25	23.16	23.33	23.25		
10	QPSK	50	0	23.15	23.36	23.13		
10	16QAM	1	0	23.37	23.39	23.32		
10	16QAM	1	25	23.52	23.45	23.49	24	1
10	16QAM	1	49	23.48	23.47	23.32		
10	16QAM	25	0	22.38	22.40	22.30		
10	16QAM	25	12	22.20	22.26	22.32	23	2
10	16QAM	25	25	22.13	22.23	22.25		
10	16QAM	50	0	22.15	22.25	22.20		
10	64QAM	1	0	22.49	22.46	22.54		
10	64QAM	1	25	22.44	22.46	22.40	23	2
10	64QAM	1	49	22.37	22.46	22.37		
10	64QAM	25	0	21.30	21.40	21.27		
10	64QAM	25	12	21.32	21.33	21.29	22	3
10	64QAM	25	25	21.14	21.25	21.06		
10	64QAM	50	0	21.19	21.31	21.20		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.84	23.89	23.83		
5	QPSK	1	12	23.78	23.81	23.72	25	0
5	QPSK	1	24	23.66	23.71	23.54		
5	QPSK	12	0	23.37	23.41	23.43		
5	QPSK	12	7	23.28	23.33	23.26	24	1
5	QPSK	12	13	23.23	23.24	23.26		
5	QPSK	25	0	23.23	23.38	23.19		
5	16QAM	1	0	23.37	23.40	23.37		
5	16QAM	1	12	23.52	23.57	23.47	24	1
5	16QAM	1	24	23.47	23.50	23.44		
5	16QAM	12	0	22.37	22.43	22.32		
5	16QAM	12	7	22.16	22.32	22.31	23	2
5	16QAM	12	13	22.25	22.16	22.26		
5	16QAM	25	0	22.25	22.28	22.17		
5	64QAM	1	0	22.41	22.56	22.53		
5	64QAM	1	12	22.40	22.43	22.44	23	2
5	64QAM	1	24	22.33	22.41	22.27		
5	64QAM	12	0	21.35	21.42	21.30		
5	64QAM	12	7	21.35	21.39	21.26	22	3
5	64QAM	12	13	21.14	21.22	21.11		
5	64QAM	25	0	21.09	21.36	21.19		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.87	23.92	23.90		
3	QPSK	1	8	23.86	23.84	23.72	25	0
3	QPSK	1	14	23.64	23.80	23.54		
3	QPSK	8	0	23.37	23.41	23.33		
3	QPSK	8	4	23.17	23.33	23.27	24	1
3	QPSK	8	7	23.13	23.19	23.18		
3	QPSK	15	0	23.15	23.28	23.24		
3	16QAM	1	0	23.32	23.40	23.37		
3	16QAM	1	8	23.46	23.53	23.43	24	1
3	16QAM	1	14	23.51	23.58	23.33		
3	16QAM	8	0	22.32	22.36	22.26		
3	16QAM	8	4	22.16	22.39	22.26	23	2
3	16QAM	8	7	22.17	22.28	22.25		
3	16QAM	15	0	22.23	22.23	22.19		
3	64QAM	1	0	22.42	22.57	22.54		
3	64QAM	1	8	22.43	22.45	22.36	23	2
3	64QAM	1	14	22.41	22.45	22.39		
3	64QAM	8	0	21.41	21.34	21.17		
3	64QAM	8	4	21.33	21.31	21.31	22	3
3	64QAM	8	7	21.23	21.22	21.12		
3	64QAM	15	0	21.11	21.26	21.13		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.82	23.90	23.80		
1.4	QPSK	1	3	23.74	23.88	23.79	25	0
1.4	QPSK	1	5	23.62	23.71	23.53		
1.4	QPSK	3	0	23.69	23.89	23.79		
1.4	QPSK	3	1	23.62	23.84	23.77		
1.4	QPSK	3	3	23.60	23.67	23.49		
1.4	QPSK	6	0	23.10	23.32	23.11	24	1
1.4	16QAM	1	0	23.41	23.38	23.26		
1.4	16QAM	1	3	23.48	23.59	23.48	24	1
1.4	16QAM	1	5	23.47	23.56	23.36		
1.4	16QAM	3	0	23.31	23.24	23.22		
1.4	16QAM	3	1	23.35	23.51	23.33		
1.4	16QAM	3	3	23.35	23.52	23.32		
1.4	16QAM	6	0	22.20	22.25	22.27	23	2
1.4	64QAM	1	0	22.52	22.54	22.54		
1.4	64QAM	1	3	22.38	22.49	22.45	23	2
1.4	64QAM	1	5	22.41	22.50	22.39		
1.4	64QAM	3	0	22.41	22.45	22.52		
1.4	64QAM	3	1	22.25	22.44	22.33		
1.4	64QAM	3	3	22.33	22.45	22.38		
1.4	64QAM	6	0	21.16	21.24	21.20	22	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.98	16.09	16.04		
20	QPSK	1	49	15.89	15.97	16.02	16.5	0
20	QPSK	1	99	15.88	16.03	16.03		
20	QPSK	50	0	15.97	15.99	15.94		
20	QPSK	50	24	15.88	15.94	15.91	16.5	0
20	QPSK	50	50	15.92	15.96	15.91		
20	QPSK	100	0	15.85	15.95	15.93		
20	16QAM	1	0	15.90	15.96	15.95		
20	16QAM	1	49	15.97	15.96	15.92	16.5	0
20	16QAM	1	99	15.92	16.02	15.89		
20	16QAM	50	0	15.86	15.95	15.91		
20	16QAM	50	24	15.89	16.08	15.90	16.5	0
20	16QAM	50	50	15.95	15.94	16.02		
20	16QAM	100	0	15.90	15.96	15.90		
20	64QAM	1	0	15.88	16.02	15.94		
20	64QAM	1	49	15.83	16.05	15.94	16.5	0
20	64QAM	1	99	15.95	16.00	15.98		
20	64QAM	50	0	15.86	15.98	15.92		
20	64QAM	50	24	15.97	15.97	15.95	16.5	0
20	64QAM	50	50	15.91	15.96	15.94		
20	64QAM	100	0	15.91	16.01	16.01		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.93	16.08	16.01		
15	QPSK	1	37	15.83	15.93	15.91	16.5	0
15	QPSK	1	74	15.74	15.96	15.97		
15	QPSK	36	0	15.82	15.86	15.92		
15	QPSK	36	20	15.76	15.91	15.83	16.5	0
15	QPSK	36	39	15.80	15.91	15.81		
15	QPSK	75	0	15.83	15.94	15.91		
15	16QAM	1	0	15.81	15.92	15.83		
15	16QAM	1	37	15.90	15.84	15.77	16.5	0
15	16QAM	1	74	15.90	15.89	15.78		
15	16QAM	36	0	15.77	15.88	15.80		
15	16QAM	36	20	15.86	15.94	15.75	16.5	0
15	16QAM	36	39	15.90	15.93	15.92		
15	16QAM	75	0	15.75	15.83	15.87		
15	64QAM	1	0	15.82	16.01	15.79		
15	64QAM	1	37	15.77	15.99	15.80	16.5	0
15	64QAM	1	74	15.94	15.88	15.89		
15	64QAM	36	0	15.81	15.95	15.80		
15	64QAM	36	20	15.84	15.84	15.87	16.5	0
15	64QAM	36	39	15.88	15.87	15.81		
15	64QAM	75	0	15.80	15.98	15.96		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.90	15.97	15.95		
10	QPSK	1	25	15.80	15.85	15.99	16.5	0
10	QPSK	1	49	15.82	15.91	15.98		
10	QPSK	25	0	15.95	15.91	15.83		
10	QPSK	25	12	15.78	15.86	15.85	16.5	0
10	QPSK	25	25	15.81	15.94	15.79		
10	QPSK	50	0	15.77	15.92	15.87		
10	16QAM	1	0	15.80	15.93	15.83		
10	16QAM	1	25	15.93	15.83	15.80	16.5	0
10	16QAM	1	49	15.80	16.00	15.82		
10	16QAM	25	0	15.76	15.88	15.80		
10	16QAM	25	12	15.81	15.93	15.89	16.5	0
10	16QAM	25	25	15.85	15.85	15.95		
10	16QAM	50	0	15.82	15.85	15.81		
10	64QAM	1	0	15.76	16.01	15.90		
10	64QAM	1	25	15.82	15.90	15.88	16.5	0
10	64QAM	1	49	15.94	15.85	15.89		
10	64QAM	25	0	15.78	15.96	15.87		
10	64QAM	25	12	15.95	15.91	15.82	16.5	0
10	64QAM	25	25	15.81	15.89	15.79		
10	64QAM	50	0	15.84	15.90	15.90		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.84	16.07	15.97		
5	QPSK	1	12	15.85	15.84	15.94	16.5	0
5	QPSK	1	24	15.85	15.99	15.92		
5	QPSK	12	0	15.92	15.85	15.89		
5	QPSK	12	7	15.78	15.79	15.85	16.5	0
5	QPSK	12	13	15.80	15.81	15.87		
5	QPSK	25	0	15.75	15.81	15.91		
5	16QAM	1	0	15.76	15.85	15.86		
5	16QAM	1	12	15.84	15.91	15.88	16.5	0
5	16QAM	1	24	15.77	15.96	15.78		
5	16QAM	12	0	15.77	15.81	15.77		
5	16QAM	12	7	15.74	15.93	15.89	16.5	0
5	16QAM	12	13	15.82	15.85	15.95		
5	16QAM	25	0	15.88	15.86	15.77		
5	64QAM	1	0	15.79	15.91	15.90		
5	64QAM	1	12	15.75	16.03	15.84	16.5	0
5	64QAM	1	24	15.86	15.96	15.83		
5	64QAM	12	0	15.75	15.83	15.86		
5	64QAM	12	7	15.93	15.90	15.86	16.5	0
5	64QAM	12	13	15.89	15.89	15.79		
5	64QAM	25	0	15.88	15.96	15.97		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.97	16.00	15.89		
3	QPSK	1	8	15.75	15.96	15.94	16.5	0
3	QPSK	1	14	15.73	15.96	15.96		
3	QPSK	8	0	15.88	15.96	15.80		
3	QPSK	8	4	15.79	15.88	15.80	16.5	0
3	QPSK	8	7	15.84	15.90	15.90		
3	QPSK	15	0	15.73	15.81	15.88		
3	16QAM	1	0	15.76	15.93	15.80		
3	16QAM	1	8	15.94	15.83	15.88	16.5	0
3	16QAM	1	14	15.77	15.95	15.83		
3	16QAM	8	0	15.85	15.88	15.79		
3	16QAM	8	4	15.76	16.04	15.87	16.5	0
3	16QAM	8	7	15.85	15.90	15.88		
3	16QAM	15	0	15.80	15.92	15.79		
3	64QAM	1	0	15.73	15.99	15.85		
3	64QAM	1	8	15.82	15.90	15.83	16.5	0
3	64QAM	1	14	15.91	15.93	15.87		
3	64QAM	8	0	15.76	15.93	15.77		
3	64QAM	8	4	15.93	15.96	15.91	16.5	0
3	64QAM	8	7	15.89	15.84	15.79		
3	64QAM	15	0	15.90	15.96	15.87		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.93	15.94	15.90		
1.4	QPSK	1	3	15.83	15.93	16.00	16.5	0
1.4	QPSK	1	5	15.83	15.99	15.88		
1.4	QPSK	3	0	15.90	15.94	15.86		
1.4	QPSK	3	1	15.73	15.91	15.88		
1.4	QPSK	3	3	15.85	15.86

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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	21.58	21.62	21.48		
20	QPSK	1	49	21.44	21.54	21.41	22	0
20	QPSK	1	99	21.53	21.50	21.36		
20	QPSK	50	0	21.28	21.39	21.34		
20	QPSK	50	24	21.14	21.29	21.25	22	0
20	QPSK	50	50	21.13	21.17	21.10		
20	QPSK	100	0	21.23	21.26	21.11		
20	16QAM	1	0	21.53	21.56	21.50		
20	16QAM	1	49	21.39	21.49	21.45	22	0
20	16QAM	1	99	21.24	21.40	21.28		
20	16QAM	50	0	20.28	20.31	20.09		
20	16QAM	50	24	20.08	20.22	20.21	21	1
20	16QAM	50	50	20.04	20.20	20.16		
20	16QAM	100	0	20.13	20.22	20.14		
20	64QAM	1	0	20.50	20.60	20.45		
20	64QAM	1	49	20.32	20.38	20.26	21	1
20	64QAM	1	99	20.25	20.32	20.27		
20	64QAM	50	0	19.28	19.30	19.35		
20	64QAM	50	24	19.19	19.29	19.14	20	2
20	64QAM	50	50	19.06	19.15	19.22		
20	64QAM	100	0	19.21	19.22	19.11		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.45	21.54	21.44		
15	QPSK	1	37	21.29	21.50	21.37	22	0
15	QPSK	1	74	21.50	21.42	21.32		
15	QPSK	36	0	21.22	21.26	21.30		
15	QPSK	36	20	21.09	21.23	21.12	22	0
15	QPSK	36	39	21.07	21.04	21.08		
15	QPSK	75	0	21.18	21.22	21.05		
15	16QAM	1	0	21.46	21.52	21.43		
15	16QAM	1	37	21.30	21.34	21.32	22	0
15	16QAM	1	74	21.17	21.29	21.21		
15	16QAM	36	0	20.19	20.19	19.97		
15	16QAM	36	20	19.99	20.21	20.20	21	1
15	16QAM	36	39	19.94	20.14	20.01		
15	16QAM	75	0	20.07	20.17	20.13		
15	64QAM	1	0	20.46	20.46	20.41		
15	64QAM	1	37	20.21	20.32	20.16	21	1
15	64QAM	1	74	20.10	20.25	20.26		
15	64QAM	36	0	19.18	19.23	19.20		
15	64QAM	36	20	19.14	19.18	19.06	20	2
15	64QAM	36	39	18.99	19.02	19.15		
15	64QAM	75	0	19.14	19.09	19.07		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.55	21.61	21.35		
10	QPSK	1	25	21.33	21.39	21.34	22	0
10	QPSK	1	49	21.50	21.44	21.29		
10	QPSK	25	0	21.27	21.27	21.27		
10	QPSK	25	12	21.06	21.22	21.11	22	0
10	QPSK	25	25	21.09	21.13	21.01		
10	QPSK	50	0	21.09	21.16	20.96		
10	16QAM	1	0	21.50	21.54	21.39		
10	16QAM	1	25	21.37	21.41	21.39	22	0
10	16QAM	1	49	21.20	21.36	21.17		
10	16QAM	25	0	20.26	20.20	20.04		
10	16QAM	25	12	19.98	20.09	20.18	21	1
10	16QAM	25	25	19.97	20.14	20.05		
10	16QAM	50	0	20.12	20.11	20.04		
10	64QAM	1	0	20.44	20.52	20.41		
10	64QAM	1	25	20.26	20.36	20.23	21	1
10	64QAM	1	49	20.15	20.25	20.20		
10	64QAM	25	0	19.17	19.18	19.32		
10	64QAM	25	12	19.16	19.27	19.07	20	2
10	64QAM	25	25	18.92	19.12	19.16		
10	64QAM	50	0	19.18	19.21	19.01		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.52	21.57	21.45		
5	QPSK	1	12	21.40	21.49	21.31	22	0
5	QPSK	1	24	21.49	21.46	21.33		
5	QPSK	12	0	21.21	21.33	21.32		
5	QPSK	12	7	21.00	21.17	21.16	22	0
5	QPSK	12	13	21.01	21.14	21.02		
5	QPSK	25	0	21.08	21.18	20.96		
5	16QAM	1	0	21.50	21.60	21.37		
5	16QAM	1	12	21.24	21.48	21.43	22	0
5	16QAM	1	24	21.15	21.26	21.20		
5	16QAM	12	0	20.18	20.18	19.99		
5	16QAM	12	7	20.00	20.19	20.10	21	1
5	16QAM	12	13	20.03	20.16	20.12		
5	16QAM	25	0	20.11	20.16	20.03		
5	64QAM	1	0	20.43	20.47	20.40		
5	64QAM	1	12	20.25	20.27	20.24	21	1
5	64QAM	1	24	20.22	20.17	20.14		
5	64QAM	12	0	19.18	19.15	19.25		
5	64QAM	12	7	19.08	19.26	19.13	20	2
5	64QAM	12	13	18.99	19.02	19.08		
5	64QAM	25	0	19.18	19.20	19.10		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.56	21.53	21.40		
3	QPSK	1	8	21.40	21.48	21.40	22	0
3	QPSK	1	14	21.47	21.46	21.29		
3	QPSK	8	0	21.18	21.38	21.32		
3	QPSK	8	4	20.99	21.22	21.23	22	0
3	QPSK	8	7	21.03	21.16	21.06		
3	QPSK	15	0	21.13	21.13	21.09		
3	16QAM	1	0	21.47	21.54	21.45		
3	16QAM	1	8	21.38	21.44	21.38	22	0
3	16QAM	1	14	21.11	21.25	21.24		
3	16QAM	8	0	20.20	20.28	19.99		
3	16QAM	8	4	20.06	20.14	20.08	21	1
3	16QAM	8	7	19.91	20.14	20.14		
3	16QAM	15	0	20.01	20.14	20.00		
3	64QAM	1	0	20.49	20.58	20.42		
3	64QAM	1	8	20.20	20.24	20.21	21	1
3	64QAM	1	14	20.22	20.31	20.14		
3	64QAM	8	0	19.24	19.24	19.28		
3	64QAM	8	4	19.09	19.17	19.05	20	2
3	64QAM	8	7	18.95	19.11	19.16		
3	64QAM	15	0	19.15	19.12	18.96		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.43	21.59	21.34		
1.4	QPSK	1	3	21.38	21.42	21.35		
1.4	QPSK	1	5	21.44	21.48	21.34	22	0
1.4	QPSK	3	0	21.40	21.54	21.32		
1.4	QPSK	3	1	21.29	21.39	21.32		
1.4	QPSK	3	3	21.37	21.34	21.24		
1.4	QPSK	6	0	21.22	21.21	20.96	22	0
1.4	16QAM	1	0	21.40	21.53	21.47		
1.4	16QAM	1	3	21.28	21.42	21.34		
1.4	16QAM	1	5	21.22	21.28	21.13	22	0
1.4	16QAM	3	0	21.25	21.49	21.46		
1.4	16QAM	3	1	21.27	21.40	21.33		
1.4	16QAM	3	3	21.07	21.21	21.04		
1.4	16QAM	6	0	20.07	20.21	20.11	21	1
1.4	64QAM	1	0	20.47	20.47	20.35		
1.4	64QAM	1	3	20.31	20.36	20.24		
1.4	64QAM	1	5	20.18	20.29	20.21	21	1
1.4	64QAM	3	0	20.42	20.44	20.27		
1.4	64QAM	3	1	20.27	20.21	20.10		
1.4	64QAM	3	3	20.03	20.16	20.19		
1.4	64QAM	6	0	19.12	19.16	19.04	20	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	24.44	24.47	24.46	25	0
20	QPSK	1	49	24.37	24.44	24.33		
20	QPSK	1	99	24.33	24.38	24.32		
20	QPSK	50	0	23.43	23.50	23.45	24	1
20	QPSK	50	24	23.34	23.44	23.40		
20	QPSK	50	50	23.40	23.48	23.37		
20	QPSK	100	0	23.31	23.40	23.26		
20	16QAM	1	0	23.42	23.45	23.36	24	1
20	16QAM	1	49	23.37	23.45	23.30		
20	16QAM	1	99	23.44	23.53	23.45		
20	16QAM	50	0	22.29	22.37	22.35	23	2
20	16QAM	50	24	22.46	22.47	22.40		
20	16QAM	50	50	22.37	22.44	22.33		
20	16QAM	100	0	22.34	22.48	22.46		
20	64QAM	1	0	21.85	21.96	21.95	23	2
20	64QAM	1	49	22.56	22.70	22.55		
20	64QAM	1	99	22.14	22.22	22.20		
20	64QAM	50	0	21.38	21.42	21.39	22	3
20	64QAM	50	24	21.43	21.45	21.31		
20	64QAM	50	50	21.34	21.44	21.42		
20	64QAM	100	0	21.33	21.43	21.41		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.40	24.39	24.43	25	0
15	QPSK	1	37	24.28	24.32	24.18		
15	QPSK	1	74	24.27	24.29	24.26		
15	QPSK	36	0	23.42	23.40	23.35	24	1
15	QPSK	36	20	23.20	23.30	23.39		
15	QPSK	36	39	23.30	23.33	23.32		
15	QPSK	75	0	23.26	23.37	23.13		
15	16QAM	1	0	23.31	23.37	23.26	24	1
15	16QAM	1	37	23.31	23.35	23.29		
15	16QAM	1	74	23.39	23.41	23.39		
15	16QAM	36	0	22.14	22.22	22.26	23	2
15	16QAM	36	20	22.40	22.41	22.28		
15	16QAM	36	39	22.29	22.31	22.23		
15	16QAM	75	0	22.26	22.40	22.39		
15	64QAM	1	0	21.84	21.86	21.88	23	2
15	64QAM	1	37	22.48	22.55	22.45		
15	64QAM	1	74	22.03	22.14	22.13		
15	64QAM	36	0	21.29	21.36	21.29	22	3
15	64QAM	36	20	21.31	21.40	21.17		
15	64QAM	36	39	21.23	21.30	21.35		
15	64QAM	75	0	21.25	21.42	21.39		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.43	24.32	24.31	25	0
10	QPSK	1	25	24.33	24.37	24.30		
10	QPSK	1	49	24.18	24.25	24.17		
10	QPSK	25	0	23.32	23.37	23.38	24	1
10	QPSK	25	12	23.33	23.40	23.28		
10	QPSK	25	25	23.35	23.42	23.27		
10	QPSK	50	0	23.22	23.36	23.23		
10	16QAM	1	0	23.38	23.33	23.26	24	1
10	16QAM	1	25	23.22	23.37	23.29		
10	16QAM	1	49	23.42	23.52	23.37		
10	16QAM	25	0	22.22	22.24	22.20	23	2
10	16QAM	25	12	22.32	22.41	22.37		
10	16QAM	25	25	22.28	22.35	22.23		
10	16QAM	50	0	22.33	22.44	22.45		
10	64QAM	1	0	21.82	21.88	21.90	23	2
10	64QAM	1	25	22.50	22.59	22.43		
10	64QAM	1	49	21.99	22.19	22.10		
10	64QAM	25	0	21.33	21.38	21.29	22	3
10	64QAM	25	12	21.32	21.38	21.29		
10	64QAM	25	25	21.20	21.37	21.36		
10	64QAM	50	0	21.19	21.32	21.38		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.30	24.35	24.45	25	0
5	QPSK	1	12	24.28	24.38	24.25		
5	QPSK	1	24	24.32	24.28	24.28		
5	QPSK	12	0	23.42	23.44	23.33	24	1
5	QPSK	12	7	23.32	23.35	23.30		
5	QPSK	12	13	23.38	23.46	23.25		
5	QPSK	25	0	23.16	23.27	23.17		
5	16QAM	1	0	23.30	23.41	23.35	24	1
5	16QAM	1	12	23.28	23.30	23.26		
5	16QAM	1	24	23.40	23.49	23.41		
5	16QAM	12	0	22.24	22.34	22.29	23	2
5	16QAM	12	7	22.32	22.40	22.33		
5	16QAM	12	13	22.35	22.39	22.32		
5	16QAM	25	0	22.21	22.34	22.38		
5	64QAM	1	0	21.72	21.83	21.81	23	2
5	64QAM	1	12	22.42	22.59	22.48		
5	64QAM	1	24	22.07	22.19	22.07		
5	64QAM	12	0	21.32	21.31	21.24	22	3
5	64QAM	12	7	21.37	21.37	21.27		
5	64QAM	12	13	21.23	21.31	21.27		
5	64QAM	25	0	21.22	21.38	21.39		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.14	16.15	16.09	16.5	0
20	QPSK	1	49	16.10	16.06	16.06		
20	QPSK	1	99	16.00	16.06	16.04		
20	QPSK	50	0	16.09	16.10	16.04	16.5	0
20	QPSK	50	24	16.04	15.98	16.02		
20	QPSK	50	50	16.06	15.95	15.96		
20	QPSK	100	0	16.02	16.05	16.00		
20	16QAM	1	0	16.11	16.00	15.99	16.5	0
20	16QAM	1	49	16.13	16.01	15.95		
20	16QAM	1	99	16.12	16.05	16.08		
20	16QAM	50	0	16.03	16.06	15.95	16.5	0
20	16QAM	50	24	16.10	15.96	16.05		
20	16QAM	50	50	16.12	15.98	16.05		
20	16QAM	100	0	16.08	15.99	16.03		
20	64QAM	1	0	16.12	16.09	16.07	16.5	0
20	64QAM	1	49	16.00	15.95	16.03		
20	64QAM	1	99	16.11	16.00	16.04		
20	64QAM	50	0	16.13	16.00	16.08	16.5	0
20	64QAM	50	24	16.13	16.08	15.94		
20	64QAM	50	50	15.99	15.99	16.01		
20	64QAM	100	0	16.09	16.05	16.04		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.08	16.08	15.94	16.5	0
15	QPSK	1	37	16.06	16.00	16.03		
15	QPSK	1	74	15.85	15.93	15.94		
15	QPSK	36	0	16.08	16.08	15.96	16.5	0
15	QPSK	36	20	15.96	15.92	15.98		
15	QPSK	36	39	15.96	15.92	15.95		
15	QPSK	75	0	15.89	15.94	15.97		
15	16QAM	1	0	16.09	15.86	15.89	16.5	0
15	16QAM	1	37	16.01	15.89	15.81		
15	16QAM	1	74	16.02	15.99	16.06		
15	16QAM	36	0	15.96	15.91	15.94	16.5	0
15	16QAM	36	20	16.06	15.93	15.93		
15	16QAM	36	39	16.05	15.89	16.03		
15	16QAM	75	0	15.98	15.93	15.96		
15	64QAM	1	0	16.08	16.04	16.02	16.5	0
15	64QAM	1	37	15.96	15.85	15.93		
15	64QAM	1	74	16.07	15.85	15.92		
15	64QAM	36	0	16.06	15.86	15.99	16.5	0
15	64QAM	36	20	16.06	15.93	15.87		
15	64QAM	36	39	15.89	15.95	15.93		
15	64QAM	75	0	15.98	16.00	15.90		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.06	16.04	15.98	16.5	0
10	QPSK	1	25	16.01	16.02	15.99		
10	QPSK	1	49	15.90	15.92	16.00		
10	QPSK	25	0	15.96	16.01	16.01	16.5	0
10	QPSK	25	12	16.03	15.84	15.88		
10	QPSK	25	25	16.05	15.86	15.84		
10	QPSK	50	0	15.88	15.92	15.92		
10	16QAM	1	0	15.96	15.94	15.89	16.5	0
10	16QAM	1	25	16.08	15.92	15.83		
10	16QAM	1	49	16.09	16.04	15.93		
10	16QAM	25	0	15.88	15.94	15.88	16.5	0
10	16QAM	25	12	15.98	15.90	16.01		
10	16QAM	25	25	16.05	15.90	15.96		
10	16QAM	50	0	15.99	15.91	16.00		
10	64QAM	1	0	16.09	16.00	16.04	16.5	0
10	64QAM	1	25	15.88	15.82	15.98		
10	64QAM	1	49	16.09	15.99	15.92		
10	64QAM	25	0	16.11	15.86	15.98	16.5	0
10	64QAM	25	12	16.08	16.00	15.90		
10	64QAM	25	25	15.97	15.95	15.93		
10	64QAM	50	0	15.98	16.00	15.95		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.03	16.07	15.95	16.5	0
5	QPSK	1	12	16.02	15.93	16.05		
5	QPSK	1	24	15.89	16.04	15.96		
5	QPSK	12	0	16.04	16.01	15.95	16.5	0
5	QPSK	12	7	15.96	15.90	15.91		
5	QPSK	12	13	15.96	15.81	15.87		
5	QPSK	25	0	15.89	15.93	15.90		
5	16QAM	1	0	16.08	15.95	15.96	16.5	0
5	16QAM	1	12	16.04	15.89	15.87		
5	16QAM	1	24	16.01	16.01	15.93		
5	16QAM	12	0	15.94	15.98	15.88	16.5	0
5	16QAM	12	7	15.99	15.92	15.99		
5	16QAM	12	13	16.03	15.89	15.90		
5	16QAM	25	0	16.06	15.94	15.93		
5	64QAM	1	0	16.02	16.00	16.01	16.5	0
5	64QAM	1	12	15.86	15.82	15.90		
5	64QAM	1	24	16.08	15.95	15.99		
5	64QAM	12	0	16.08	15.88	16.06	16.5	0
5	64QAM	12	7	15.98	16.05	15.92		
5	64QAM	12	13	15.89	15.90	15.92		
5	64QAM	25	0	16.03	15.95	15.94		

Band 38_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.48	20.51	20.39	22	0
20	QPSK	1	49	20.35	20.44	20.35		
20	QPSK	1	99	20.45	20.36	20.36		
20	QPSK	50	0	20.46	20.49	20.39	22	0
20	QPSK	50	24	20.30	20.41	20.27		
20	QPSK	50	50	20.37	20.24	20.35		
20	QPSK	100	0	20.34	20.42	20.38		
20	16QAM	1	0	20.42	20.44	20.32	22	0
20	16QAM	1	49	20.34	20.40	20.26		
20	16QAM	1	99	20.31	20.47	20.37		
20	16QAM	50	0	19.31	19.39	19.37	21	1
20	16QAM	50	24	19.31	19.40	19.46		
20	16QAM	50	50	19.41	19.39	19.34		
20	16QAM	100	0	19.42	19.48	19.38		
20	64QAM	1	0	19.14	19.19	19.13	21	1
20	64QAM	1	49	19.13	19.25	19.11		
20	64QAM	1	99	19.14	19.19	19.14		
20	64QAM	50	0	18.31	18.47	18.29	20	2
20	64QAM	50	24	18.37	18.48	18.44		
20	64QAM	50	50	18.24	18.40	18.27		
20	64QAM	100	0	18.28	18.46	18.25		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.35	20.37	20.35	22	0
15	QPSK	1	37	20.32	20.40	20.32		
15	QPSK	1	74	20.43	20.24	20.21		
15	QPSK	36	0	20.39	20.45	20.33	22	0
15	QPSK	36	20	20.25	20.32	20.13		
15	QPSK	36	39	20.31	20.12	20.25		
15	QPSK	75	0	20.25	20.31	20.34		
15	16QAM	1	0	20.33	20.50	20.24	22	0
15	16QAM	1	37	20.33	20.32	20.23		
15	16QAM	1	74	20.30	20.45	20.31		
15	16QAM	36	0	19.23	19.25	19.23	21	1
15	16QAM	36	20	19.19	19.30	19.33		
15	16QAM	36	39	19.27	19.30	19.26		
15	16QAM	75	0	19.36	19.44	19.36		
15	64QAM	1	0	19.01	19.09	19.11	21	1
15	64QAM	1	37	19.12	19.14	19.07		
15	64QAM	1	74	19.03	19.18	19.01		
15	64QAM	36	0	18.25	18.41	18.22	20	2
15	64QAM	36	20	18.24	18.44	18.39		
15	64QAM	36	39	18.22	18.31	18.26		
15	64QAM	75	0	18.13	18.32	18.24		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.38	20.42	20.34	22	0
10	QPSK	1	25	20.24	20.43	20.23		
10	QPSK	1	49	20.44	20.24	20.30		
10	QPSK	25	0	20.39	20.41	20.36	22	0
10	QPSK	25	12	20.24	20.38	20.15		
10	QPSK	25	25	20.30	20.11	20.30		
10	QPSK	50	0	20.21	20.27	20.27		
10	16QAM	1	0	20.27	20.43	20.22	22	0
10	16QAM	1	25	20.22	20.26	20.18		
10	16QAM	1	49	20.16	20.45	20.25		
10	16QAM	25	0	19.29	19.26	19.30	21	1
10	16QAM	25	12	19.22	19.39	19.35		
10	16QAM	25	25	19.32	19.29	19.27		
10	16QAM	50	0	19.33	19.45	19.24		
10	64QAM	1	0	19.06	19.05	19.11	21	1
10	64QAM	1	25	19.12	19.21	19.07		
10	64QAM	1	49	19.13	19.05	19.01		
10	64QAM	25	0	18.27	18.39	18.23	20	2
10	64QAM	25	12	18.22	18.45	18.31		
10	64QAM	25	25	18.16	18.29	18.17		
10	64QAM	50	0	18.21	18.41	18.23		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.34	20.44	20.29	22	0
5	QPSK	1	12	20.22	20.30	20.31		
5	QPSK	1	24	20.34	20.35	20.26		
5	QPSK	12	0	20.37	20.38	20.35	22	0
5	QPSK	12	7	20.17	20.31	20.19		
5	QPSK	12	13	20.29	20.21	20.26		
5	QPSK	25	0	20.32	20.30	20.36		
5	16QAM	1	0	20.30	20.46	20.23	22	0
5	16QAM	1	12	20.23	20.28	20.25		
5	16QAM	1	24	20.16	20.33	20.36		
5	16QAM	12	0	19.20	19.29	19.30	21	1
5	16QAM	12	7	19.28	19.38	19.44		
5	16QAM	12	13	19.30	19.31	19.23		
5	16QAM	25	0	19.35	19.39	19.34		
5	64QAM	1	0	19.12	19.15	19.08	21	1
5	64QAM	1	12	19.08	19.17	19.02		
5	64QAM	1	24	19.13	19.11	19.11		
5	64QAM	12	0	18.23	18.35	18.16	20	2
5	64QAM	12	7	18.23	18.38	18.39		
5	64QAM	12	13	18.12	18.33	18.20		
5	64QAM	25	0	18.26	18.45	18.23		

Band 41_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.40	23.46	23.50	23.44	23.48	23.8	0
20	QPSK	1	49	23.39	23.37	23.44	23.34	23.40		
20	QPSK	1	99	23.32	23.30	23.40	23.32	23.32		
20	QPSK	50	0	22.44	22.49	22.56	22.53	22.51	22.8	1
20	QPSK	50	24	22.36	22.41	22.50	22.40	22.49		
20	QPSK	50	50	22.41	22.46	22.52	22.50	22.37		
20	QPSK	100	0	22.36	22.46	22.51	22.45	22.50		
20	16QAM	1	0	22.51	22.44	22.53	22.41	22.41	22.8	1
20	16QAM	1	49	22.45	22.44	22.55	22.49	22.45		
20	16QAM	1	99	22.57	22.44	22.59	22.49	22.45		
20	16QAM	50	0	21.42	21.40	21.48	21.38	21.34	21.8	2
20	16QAM	50	24	21.36	21.46	21.50	21.43	21.48		
20	16QAM	50	50	21.38	21.47	21.52	21.49	21.47		
20	16QAM	100	0	21.43	21.41	21.48	21.39	21.37		
20	64QAM	1	0	21.12	21.17	21.24	21.10	21.19	21.8	2
20	64QAM	1	49	20.94	20.89	21.00	20.88	20.93		
20	64QAM	1	99	21.27	21.26	21.33	21.29	21.19		
20	64QAM	50	0	20.33	20.43	20.48	20.37	20.45	20.8	3
20	64QAM	50	24	20.43	20.39	20.48	20.39	20.37		
20	64QAM	50	50	20.43	20.42	20.51	20.37	20.40		
20	64QAM	100	0	20.12	20.03	20.18	20.16	20.06		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.31	23.43	23.35	23.41	23.33	23.8	0
15	QPSK	1	37	23.29	23.25	23.29	23.27	23.33		
15	QPSK	1	74	23.22	23.15	23.38	23.30	23.20		
15	QPSK	36	0	22.37	22.36	22.54	22.46	22.40	22.8	1
15	QPSK	36	20	22.23	22.29	22.43	22.31	22.40		
15	QPSK	36	39	22.40	22.34	22.46	22.45	22.36		
15	QPSK	75	0	22.33	22.37	22.40	22.40	22.37		
15	16QAM	1	0	22.45	22.42	22.40	22.34	22.32	22.8	1
15	16QAM	1	37	22.43	22.31	22.45	22.44	22.36		
15	16QAM	1	74	22.45	22.30	22.57	22.36	22.30		
15	16QAM	36	0	21.36	21.38	21.38	21.34	21.29	21.8	2
15	16QAM	36	20	21.26	21.31	21.47	21.40	21.35		
15	16QAM	36	39	21.32	21.39	21.49	21.46	21.43		
15	16QAM	75	0	21.37	21.39	21.40	21.25	21.31		
15	64QAM	1	0	21.06	21.10	21.09	20.96	21.07	21.8	2
15	64QAM	1	37	20.80	20.86	20.99	20.81	20.89		
15	64QAM	1	74	21.24	21.11	21.22	21.28	21.05		
15	64QAM	36	0	20.21	20.32	20.37	20.23	20.37	20.8	3
15	64QAM	36	20	20.34	20.37	20.42	20.29	20.29		
15	64QAM	36	39	20.42	20.41	20.41	20.25	20.37		
15	64QAM	75	0	20.00	19.92	20.10	20.10	20.01		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.37	23.44	23.40	23.34	23.33	23.8	0
10	QPSK	1	25	23.36	23.35	23.37	23.33	23.32		
10	QPSK	1	49	23.20	23.18	23.28	23.22	23.28		
10	QPSK	25	0	22.35	22.48	22.52	22.42	22.38	22.8	1
10	QPSK	25	12	22.35	22.30	22.38	22.28	22.39		
10	QPSK	25	25	22.33	22.39	22.37	22.35	22.31		
10	QPSK	50	0	22.21	22.40	22.44	22.34	22.40		
10	16QAM	1	0	22.46	22.29	22.40	22.27	22.30	22.8	1
10	16QAM	1	25	22.41	22.39	22.53	22.45	22.39		
10	16QAM	1	49	22.43	22.38	22.53	22.38	22.44		
10	16QAM	25	0	21.28	21.37	21.45	21.35	21.33	21.8	2
10	16QAM	25	12	21.27	21.40	21.42	21.37	21.33		
10	16QAM	25	25	21.24	21.39	21.42	21.39	21.33		
10	16QAM	50	0	21.28	21.27	21.45	21.38	21.26		
10	64QAM	1	0	21.06	21.09	21.17	21.04	21.11	21.8	2
10	64QAM	1	25	20.93	20.81	20.92	20.80	20.85		
10	64QAM	1	49	21.14	21.22	21.30	21.15	21.16		
10	64QAM	25	0	20.28	20.31	20.36	20.31	20.38	20.8	3
10	64QAM	25	12	20.42	20.25	20.33	20.31	20.24		
10	64QAM	25	25	20.36	20.28	20.42	20.32	20.39		
10	64QAM	50	0	20.04	20.00	20.13	20.05	19.92		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.34	23.42	23.40	23.29	23.45	23.8	0
5	QPSK	1	12	23.26	23.24	23.31	23.28	23.26		
5	QPSK	1	24	23.23	23.21	23.34	23.30	23.26		
5	QPSK	12	0	22.40	22.37	22.49	22.41	22.48	22.8	1
5	QPSK	12	7	22.34	22.33	22.45	22.29	22.42		
5	QPSK	12	13	22.26	22.45	22.39	22.47	22.36		
5	QPSK	25	0	22.32	22.45	22.45	22.42	22.36		
5	16QAM	1	0	22.36	22.39	22.38	22.39	22.33	22.8	1
5	16QAM	1	12	22.35	22.38	22.40	22.38	22.41		
5	16QAM	1	24	22.44	22.31	22.45	22.47	22.42		
5	16QAM	12	0	21.35	21.29	21.36	21.30	21.21	21.8	2
5	16QAM	12	7	21.28	21.43	21.45	21.38	21.34		
5	16QAM	12	13	21.36	21.32	21.37	21.42	21.39		
5	16QAM	25	0	21.29	21.28	21.47	21.38	21.23		
5	64QAM	1	0	21.04	21.09	21.14	20.97	21.07	21.8	2
5	64QAM	1	12	20.88	20.81	20.87	20.85	20.90		
5	64QAM	1	24	21.12	21.11	21.32	21.26	21.12		
5	64QAM	12	0	20.30	20.28	20.43	20.35	20.43	20.8	3
5	64QAM	12	7	20.41	20.37	20.44	20.35	20.30		
5	64QAM	12	13	20.40	20.29	20.44	20.24	20.28		
5	64QAM	25	0	20.11	19.94	20.11	20.01	20.00		

Band 41 (HPUE)_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	26.49	26.44	26.55	26.39	26.40	26.8	0
20	QPSK	1	49	26.28	26.33	26.37	26.36	26.22		
20	QPSK	1	99	26.30	26.28	26.42	26.32	26.37		
20	QPSK	50	0	25.37	25.38	25.46	25.37	25.36	25.8	1
20	QPSK	50	24	25.36	25.30	25.42	25.27	25.29		
20	QPSK	50	50	25.35	25.37	25.40	25.34	25.34		
20	QPSK	100	0	25.37	25.43	25.45	25.32	25.43		
20	16QAM	1	0	25.51	25.57	25.64	25.53	25.50	25.8	1
20	16QAM	1	49	25.47	25.44	25.59	25.57	25.51		
20	16QAM	1	99	25.64	25.59	25.66	25.62	25.57		
20	16QAM	50	0	24.31	24.34	24.46	24.33	24.40	24.8	2
20	16QAM	50	24	24.35	24.44	24.47	24.36	24.46		
20	16QAM	50	50	24.42	24.45	24.52	24.40	24.47		
20	16QAM	100	0	24.41	24.43	24.46	24.35	24.33		
20	64QAM	1	0	24.38	24.40	24.48	24.36	24.33	24.8	2
20	64QAM	1	49	24.52	24.45	24.53	24.46	24.38		
20	64QAM	1	99	24.47	24.52	24.55	24.41	24.45		
20	64QAM	50	0	23.31	23.37	23.44	23.37	23.41	23.8	3
20	64QAM	50	24	23.32	23.43	23.45	23.34	23.40		
20	64QAM	50	50	23.32	23.36	23.45	23.39	23.37		
20	64QAM	100	0	23.41	23.29	23.42	23.29	23.35		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	26.35	26.43	26.51	26.35	26.47	26.8	0
15	QPSK	1	37	26.16	26.23	26.24	26.27	26.16		
15	QPSK	1	74	26.19	26.22	26.35	26.23	26.23		
15	QPSK	36	0	25.28	25.28	25.45	25.36	25.30	25.8	1
15	QPSK	36	20	25.33	25.22	25.27	25.15	25.23		
15	QPSK	36	39	25.25	25.33	25.25	25.33	25.29		
15	QPSK	75	0	25.25	25.35	25.41	25.31	25.28		
15	16QAM	1	0	25.47	25.47	25.62	25.40	25.47	25.8	1
15	16QAM	1	37	25.46	25.43	25.44	25.51	25.43		
15	16QAM	1	74	25.54	25.48	25.58	25.50	25.56		
15	16QAM	36	0	24.18	24.31	24.33	24.25	24.34	24.8	2
15	16QAM	36	20	24.26	24.39	24.41	24.23	24.41		
15	16QAM	36	39	24.38	24.36	24.50	24.32	24.36		
15	16QAM	75	0	24.35	24.35	24.43	24.26	24.28		
15	64QAM	1	0	24.25	24.26	24.43	24.32	24.26	24.8	2
15	64QAM	1	37	24.38	24.33	24.39	24.31	24.23		
15	64QAM	1	74	24.36	24.49	24.42	24.32	24.37		
15	64QAM	36	0	23.29	23.29	23.30	23.24	23.32	23.8	3
15	64QAM	36	20	23.28	23.39	23.31	23.32	23.37		
15	64QAM	36	39	23.24	23.30	23.38	23.28	23.35		
15	64QAM	75	0	23.37	23.14	23.39	23.14	23.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	26.24	26.36	26.49	26.34	26.43	26.8	0
10	QPSK	1	25	26.26	26.22	26.33	26.29	26.09		
10	QPSK	1	49	26.29	26.22	26.37	26.24	26.22		
10	QPSK	25	0	25.30	25.28	25.44	25.22	25.24	25.8	1
10	QPSK	25	12	25.31	25.18	25.35	25.20	25.25		
10	QPSK	25	25	25.21	25.26	25.35	25.23	25.22		
10	QPSK	50	0	25.34	25.28	25.34	25.21	25.35		
10	16QAM	1	0	25.36	25.55	25.61	25.50	25.48	25.8	1
10	16QAM	1	25	25.41	25.32	25.57	25.56	25.47		
10	16QAM	1	49	25.51	25.49	25.52	25.59	25.50		
10	16QAM	25	0	24.19	24.19	24.41	24.27	24.36	24.8	2
10	16QAM	25	12	24.24	24.34	24.43	24.35	24.31		
10	16QAM	25	25	24.30	24.44	24.43	24.29	24.40		
10	16QAM	50	0	24.26	24.32	24.37	24.32	24.31		
10	64QAM	1	0	24.28	24.29	24.46	24.28	24.26	24.8	2
10	64QAM	1	25	24.43	24.44	24.47	24.38	24.26		
10	64QAM	1	49	24.40	24.37	24.40	24.26	24.42		
10	64QAM	25	0	23.28	23.25	23.43	23.34	23.37	23.8	3
10	64QAM	25	12	23.17	23.38	23.40	23.32	23.35		
10	64QAM	25	25	23.28	23.26	23.34	23.33	23.24		
10	64QAM	50	0	23.36	23.27	23.29	23.22	23.29		
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	26.34	26.42	26.51	26.32	26.41	26.8	0
5	QPSK	1	12	26.22	26.21	26.34	26.32	26.14		
5	QPSK	1	24	26.19	26.18	26.41	26.21	26.31		
5	QPSK	12	0	25.32	25.28	25.44	25.28	25.28	25.8	1
5	QPSK	12	7	25.32	25.23	25.27	25.25	25.14		
5	QPSK	12	13	25.22	25.25	25.25	25.32	25.31		
5	QPSK	25	0	25.32	25.35	25.35	25.30	25.42		
5	16QAM	1	0	25.36	25.48	25.59	25.41	25.40	25.8	1
5	16QAM	1	12	25.44	25.30	25.57	25.51	25.42		
5	16QAM	1	24	25.50	25.46	25.58	25.54	25.55		
5	16QAM	12	0	24.28	24.24	24.32	24.23	24.35	24.8	2
5	16QAM	12	7	24.23	24.40	24.38	24.24	24.39		
5	16QAM	12	13	24.29	24.38	24.45	24.28	24.38		
5	16QAM	25	0	24.36	24.29	24.31	24.30	24.32		
5	64QAM	1	0	24.24	24.38	24.34	24.29	24.29	24.8	2
5	64QAM	1	12	24.48	24.36	24.49	24.34	24.30		
5	64QAM	1	24	24.37	24.50	24.54	24.31	24.31		
5	64QAM	12	0	23.30	23.29	23.38	23.30	23.34	23.8	3
5	64QAM	12	7	23.24	23.29	23.32	23.31	23.25		
5	64QAM	12	13	23.31	23.30	23.38	23.38	23.23		
5	64QAM	25	0	23.36	23.26	23.36	23.20	23.27		

Band 41_Ant 3

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	17.38	17.51	17.61	17.45	17.47	17.7	0
20	QPSK	1	49	17.28	17.30	17.50	17.29	17.40		
20	QPSK	1	99	17.27	17.33	17.52	17.34	17.46		
20	QPSK	50	0	17.33	17.41	17.58	17.49	17.44	17.7	0
20	QPSK	50	24	17.31	17.15	17.48	17.24	17.41		
20	QPSK	50	50	17.18	17.24	17.33	17.34	17.44		
20	QPSK	100	0	17.27	17.19	17.55	17.29	17.23		
20	16QAM	1	0	17.23	17.37	17.47	17.29	17.52	17.7	0
20	16QAM	1	49	17.23	17.34	17.36	17.25	17.26		
20	16QAM	1	99	17.14	17.22	17.39	17.28	17.35		
20	16QAM	50	0	17.24	17.38	17.46	17.24	17.31	17.7	0
20	16QAM	50	24	17.13	17.25	17.38	17.22	17.15		
20	16QAM	50	50	17.11	17.36	17.38	17.10	17.36		
20	16QAM	100	0	17.11	16.98	17.43	17.15	17.08		
20	64QAM	1	0	17.27	17.44	17.55	17.36	17.60	17.7	0
20	64QAM	1	49	17.20	17.37	17.36	17.29	17.38		
20	64QAM	1	99	17.05	17.12	17.59	17.41	17.35		
20	64QAM	50	0	17.20	17.18	17.32	17.25	17.47	17.7	0
20	64QAM	50	24	17.09	17.33	17.42	17.32	17.48		
20	64QAM	50	50	17.02	17.18	17.33	17.26	17.24		
20	64QAM	100	0	17.11	17.15	17.48	17.26	17.19		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.34	17.47	17.58	17.44	17.34	17.7	0
15	QPSK	1	37	17.18	17.17	17.36	17.16	17.30		
15	QPSK	1	74	17.17	17.28	17.50	17.26	17.35		
15	QPSK	36	0	17.31	17.38	17.49	17.46	17.37	17.7	0
15	QPSK	36	20	17.23	17.04	17.45	17.10	17.39		
15	QPSK	36	39	17.15	17.19	17.20	17.32	17.35		
15	QPSK	75	0	17.19	17.16	17.51	17.21	17.09		
15	16QAM	1	0	17.12	17.33	17.44	17.17	17.38	17.7	0
15	16QAM	1	37	17.09	17.25	17.21	17.11	17.12		
15	16QAM	1	74	17.10	17.13	17.34	17.18	17.30		
15	16QAM	36	0	17.09	17.28	17.42	17.18	17.16	17.7	0
15	16QAM	36	20	17.05	17.19	17.23	17.14	17.14		
15	16QAM	36	39	17.09	17.34	17.25	17.00	17.26		
15	16QAM	75	0	17.08	16.87	17.42	17.08	16.97		
15	64QAM	1	0	17.12	17.31	17.44	17.28	17.55	17.7	0
15	64QAM	1	37	17.10	17.28	17.34	17.17	17.24		
15	64QAM	1	74	16.96	17.07	17.53	17.29	17.34		
15	64QAM	36	0	17.18	17.17	17.26	17.21	17.41	17.7	0
15	64QAM	36	20	17.03	17.18	17.39	17.22	17.47		
15	64QAM	36	39	16.98	17.07	17.26	17.11	17.17		
15	64QAM	75	0	17.03	17.13	17.45	17.16	17.11		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.33	17.42	17.52	17.36	17.38	17.7	0
10	QPSK	1	25	17.17	17.17	17.39	17.28	17.25		
10	QPSK	1	49	17.23	17.30	17.38	17.21	17.39		
10	QPSK	25	0	17.24	17.40	17.49	17.40	17.31	17.7	0
10	QPSK	25	12	17.18	17.12	17.37	17.23	17.27		
10	QPSK	25	25	17.15	17.20	17.25	17.29	17.34		
10	QPSK	50	0	17.13	17.17	17.49	17.25	17.13		
10	16QAM	1	0	17.17	17.28	17.39	17.25	17.51	17.7	0
10	16QAM	1	25	17.22	17.28	17.35	17.11	17.19		
10	16QAM	1	49	16.99	17.17	17.25	17.14	17.31		
10	16QAM	25	0	17.22	17.23	17.43	17.17	17.28	17.7	0
10	16QAM	25	12	17.07	17.14	17.31	17.07	17.08		
10	16QAM	25	25	16.96	17.31	17.23	17.05	17.21		
10	16QAM	50	0	17.03	16.89	17.32	17.08	17.01		
10	64QAM	1	0	17.20	17.41	17.52	17.23	17.52	17.7	0
10	64QAM	1	25	17.11	17.30	17.32	17.26	17.32		
10	64QAM	1	49	17.00	16.97	17.53	17.32	17.29		
10	64QAM	25	0	17.18	17.11	17.20	17.22	17.45	17.7	0
10	64QAM	25	12	17.04	17.29	17.39	17.30	17.46		
10	64QAM	25	25	17.01	17.07	17.29	17.12	17.11		
10	64QAM	50	0	17.02	17.04	17.35	17.11	17.05		
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	17.28	17.41	17.52	17.34	17.44	17.7	0
5	QPSK	1	12	17.13	17.18	17.49	17.27	17.36		
5	QPSK	1	24	17.13	17.22	17.47	17.22	17.40		
5	QPSK	12	0	17.24	17.30	17.56	17.34	17.40	17.7	0
5	QPSK	12	7	17.23	17.00	17.41	17.20	17.29		
5	QPSK	12	13	17.16	17.09	17.22	17.30	17.41		
5	QPSK	25	0	17.19	17.15	17.40	17.23	17.14		
5	16QAM	1	0	17.12	17.23	17.36	17.19	17.51	17.7	0
5	16QAM	1	12	17.08	17.30	17.32	17.20	17.24		
5	16QAM	1	24	17.05	17.19	17.34	17.13	17.28		
5	16QAM	12	0	17.18	17.29	17.33	17.17	17.16	17.7	0
5	16QAM	12	7	17.00	17.16	17.37	17.21	17.10		
5	16QAM	12	13	16.98	17.23	17.33	17.06	17.24		
5	16QAM	25	0	16.96	16.92	17.34	17.02	16.99		
5	64QAM	1	0	17.20	17.30	17.46	17.27	17.59	17.7	0
5	64QAM	1	12	17.05	17.27	17.21	17.17	17.26		
5	64QAM	1	24	16.95	17.08	17.48	17.29	17.30		
5	64QAM	12	0	17.09	17.04	17.21	17.14	17.38	17.7	0
5	64QAM	12	7	16.95	17.21	17.34	17.31	17.47		
5	64QAM	12	13	17.00	17.11	17.22	17.19	17.17		
5	64QAM	25	0	16.98	17.10	17.34	17.23	17.04		

Band 41 (HPUE)_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.83	18.88	19.14	18.89	19.01	19.3	0
20	QPSK	1	49	18.77	18.83	19.13	18.79	18.96		
20	QPSK	1	99	18.80	18.75	18.92	18.78	18.83		
20	QPSK	50	0	18.88	18.71	19.09	18.82	18.99	19.3	0
20	QPSK	50	24	18.79	18.66	18.77	18.71	18.90		
20	QPSK	50	50	18.81	18.70	18.83	18.56	18.76		
20	QPSK	100	0	18.73	18.77	19.06	18.89	18.97		
20	16QAM	1	0	18.92	18.92	18.94	18.83	18.81	19.3	0
20	16QAM	1	49	18.78	18.64	19.03	18.78	18.94		
20	16QAM	1	99	18.88	18.68	18.99	18.68	18.86		
20	16QAM	50	0	18.73	18.85	18.84	18.85	18.80	19.3	0
20	16QAM	50	24	18.76	18.73	19.04	18.86	18.91		
20	16QAM	50	50	18.79	18.80	18.93	18.81	18.80		
20	16QAM	100	0	18.69	18.86	18.80	18.66	18.84		
20	64QAM	1	0	18.68	18.72	18.88	18.65	18.84	19.3	0
20	64QAM	1	49	18.81	18.78	18.86	18.87	18.98		
20	64QAM	1	99	18.83	18.87	18.96	18.76	18.88		
20	64QAM	50	0	18.86	18.76	19.13	18.67	18.93	19.3	0
20	64QAM	50	24	18.77	18.87	18.98	18.69	18.95		
20	64QAM	50	50	18.65	18.83	18.84	18.86	19.01		
20	64QAM	100	0	18.69	18.85	18.95	18.81	18.96		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.72	18.80	19.09	18.88	19.00	19.3	0
15	QPSK	1	37	18.72	18.80	19.04	18.76	18.85		
15	QPSK	1	74	18.73	18.68	18.85	18.67	18.75		
15	QPSK	36	0	18.84	18.63	18.97	18.71	18.94	19.3	0
15	QPSK	36	20	18.76	18.52	18.75	18.68	18.75		
15	QPSK	36	39	18.69	18.58	18.82	18.47	18.62		
15	QPSK	75	0	18.58	18.68	18.97	18.83	18.94		
15	16QAM	1	0	18.87	18.82	18.84	18.80	18.78	19.3	0
15	16QAM	1	37	18.73	18.53	19.01	18.70	18.82		
15	16QAM	1	74	18.85	18.62	18.92	18.64	18.71		
15	16QAM	36	0	18.63	18.77	18.75	18.70	18.66	19.3	0
15	16QAM	36	20	18.75	18.70	19.02	18.82	18.77		
15	16QAM	36	39	18.72	18.77	18.88	18.67	18.77		
15	16QAM	75	0	18.64	18.81	18.75	18.55	18.69		
15	64QAM	1	0	18.61	18.63	18.79	18.58	18.73	19.3	0
15	64QAM	1	37	18.79	18.73	18.84	18.76	18.91		
15	64QAM	1	74	18.76	18.85	18.91	18.63	18.78		
15	64QAM	36	0	18.83	18.74	19.06	18.52	18.79	19.3	0
15	64QAM	36	20	18.72	18.72	18.97	18.67	18.87		
15	64QAM	36	39	18.52	18.78	18.76	18.84	18.89		
15	64QAM	75	0	18.59	18.78	18.82	18.79	18.93		
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	18.84	19.06	18.78	18.86	19.3	0
10	QPSK	1	25	18.73	18.77	19.11	18.68	18.95		
10	QPSK	1	49	18.72	18.71	18.79	18.71	18.68		
10	QPSK	25	0	18.84	18.66	18.94	18.77	18.94	19.3	0
10	QPSK	25	12	18.75	18.59	18.75	18.65	18.89		
10	QPSK	25	25	18.77	18.55	18.72	18.48	18.63		
10	QPSK	50	0	18.58	18.76	19.00	18.82	18.89		
10	16QAM	1	0	18.85	18.80	18.93	18.69	18.72	19.3	0
10	16QAM	1	25	18.68	18.61	18.98	18.67	18.80		
10	16QAM	1	49	18.78	18.56	18.84	18.58	18.75		
10	16QAM	25	0	18.60	18.76	18.78	18.82	18.77	19.3	0
10	16QAM	25	12	18.66	18.71	18.90	18.76	18.85		
10	16QAM	25	25	18.66	18.76	18.80	18.76	18.79		
10	16QAM	50	0	18.67	18.71	18.71	18.63	18.80		
10	64QAM	1	0	18.63	18.71	18.83	18.57	18.78	19.3	0
10	64QAM	1	25	18.76	18.68	18.80	18.84	18.90		
10	64QAM	1	49	18.73	18.86	18.94	18.72	18.82		
10	64QAM	25	0	18.84	18.63	19.09	18.56	18.91	19.3	0
10	64QAM	25	12	18.63	18.85	18.97	18.63	18.85		
10	64QAM	25	25	18.55	18.81	18.75	18.78	18.99		
10	64QAM	50	0	18.57	18.76	18.88	18.74	18.85		
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	18.82	18.83	19.04	18.75	18.90	19.3	0
5	QPSK	1	12	18.65	18.72	19.05	18.65	18.88		
5	QPSK	1	24	18.79	18.74	18.79	18.69	18.79		
5	QPSK	12	0	18.77	18.59	19.08	18.73	18.91	19.3	0
5	QPSK	12	7	18.78	18.58	18.70	18.68	18.83		
5	QPSK	12	13	18.74	18.57	18.81	18.51	18.74		
5	QPSK	25	0	18.61	18.73	18.91	18.78	18.94		
5	16QAM	1	0	18.89	18.88	18.85	18.70	18.70	19.3	0
5	16QAM	1	12	18.67	18.58	18.88	18.75	18.93		
5	16QAM	1	24	18.73	18.56	18.84	18.53	18.75		
5	16QAM	12	0	18.68	18.76	18.80	18.75	18.71	19.3	0
5	16QAM	12	7	18.74	18.60	19.00	18.75	18.77		
5	16QAM	12	13	18.70	18.76	18.82	18.77	18.75		
5	16QAM	25	0	18.61	18.74	18.77	18.61	18.76		
5	64QAM	1	0	18.58	18.61	18.73	18.60	18.71	19.3	0
5	64QAM	1	12	18.78	18.71	18.73	18.75	18.96		
5	64QAM	1	24	18.71	18.84	18.92	18.74	18.86		
5	64QAM	12	0	18.73	18.63	19.07	18.56	18.78	19.3	0
5	64QAM	12	7	18.66	18.76	18.96	18.54	18.93		
5	64QAM	12	13	18.56	18.74	18.79	18.72	18.93		
5	64QAM	25	0	18.68	18.83	18.91	18.66	18.90		

Band 41_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.47	20.42	20.48	20.08	20.02	20.8	0
20	QPSK	1	49	20.21	20.25	20.25	20.07	19.96		
20	QPSK	1	99	20.25	20.26	20.24	20.01	19.98		
20	QPSK	50	0	19.39	19.35	19.40	19.09	19.13	19.8	1
20	QPSK	50	24	19.31	19.29	19.16	19.08	19.08		
20	QPSK	50	50	19.34	19.26	19.20	19.03	19.12		
20	QPSK	100	0	19.38	19.27	19.39	19.08	19.05		
20	16QAM	1	0	18.69	18.74	18.70	18.45	18.59	19.8	1
20	16QAM	1	49	18.72	18.77	18.71	18.50	18.48		
20	16QAM	1	99	18.96	19.07	19.00	18.84	18.87		
20	16QAM	50	0	18.24	18.23	18.27	18.09	18.05	18.8	2
20	16QAM	50	24	18.04	17.99	17.99	17.82	17.83		
20	16QAM	50	50	18.28	18.34	18.26	18.14	18.08		
20	16QAM	100	0	17.92	17.99	17.95	17.77	17.74		
20	64QAM	1	0	17.77	17.85	17.76	17.65	17.60	18.8	2
20	64QAM	1	49	18.13	18.05	18.06	17.85	17.87		
20	64QAM	1	99	18.03	18.09	18.04	17.93	17.91		
20	64QAM	50	0	17.26	17.34	17.27	17.11	17.05	17.8	3
20	64QAM	50	24	17.26	17.23	17.28	17.07	17.12		
20	64QAM	50	50	17.23	17.29	17.26	17.09	17.12		
20	64QAM	100	0	16.93	17.03	16.96	16.79	16.71		
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	20.42	20.27	20.23	19.95	19.88	20.8	0
15	QPSK	1	37	20.14	20.24	20.19	20.03	19.93		
15	QPSK	1	74	20.13	20.18	20.19	19.98	19.97		
15	QPSK	36	0	19.27	19.34	19.18	19.07	19.06	19.8	1
15	QPSK	36	20	19.16	19.20	19.15	19.04	19.04		
15	QPSK	36	39	19.28	19.18	19.08	18.93	19.07		
15	QPSK	75	0	19.34	19.21	19.10	19.02	19.00		
15	16QAM	1	0	18.67	18.65	18.62	18.36	18.58	19.8	1
15	16QAM	1	37	18.69	18.73	18.67	18.48	18.46		
15	16QAM	1	74	18.86	18.94	18.99	18.82	18.73		
15	16QAM	36	0	18.12	18.22	18.14	18.06	17.97	18.8	2
15	16QAM	36	20	18.00	17.89	17.96	17.67	17.72		
15	16QAM	36	39	18.26	18.23	18.24	18.09	17.94		
15	16QAM	75	0	17.89	17.95	17.92	17.66	17.62		
15	64QAM	1	0	17.70	17.79	17.61	17.57	17.48	18.8	2
15	64QAM	1	37	18.02	17.94	17.91	17.71	17.81		
15	64QAM	1	74	18.01	17.94	17.91	17.85	17.88		
15	64QAM	36	0	17.23	17.25	17.15	17.04	16.93	17.8	3
15	64QAM	36	20	17.15	17.16	17.27	17.01	17.11		
15	64QAM	36	39	17.15	17.19	17.15	17.03	16.98		
15	64QAM	75	0	16.82	16.93	16.91	16.65	16.61		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.37	20.33	20.21	19.94	19.92	20.8	0
10	QPSK	1	25	20.18	20.23	20.14	19.96	19.84		
10	QPSK	1	49	20.18	20.21	20.13	19.87	19.84		
10	QPSK	25	0	19.35	19.31	19.21	19.05	19.10	19.8	1
10	QPSK	25	12	19.23	19.20	19.06	19.02	18.93		
10	QPSK	25	25	19.19	19.21	19.19	18.98	18.97		
10	QPSK	50	0	19.29	19.15	19.20	18.96	18.91		
10	16QAM	1	0	18.65	18.61	18.64	18.36	18.58	19.8	1
10	16QAM	1	25	18.60	18.64	18.60	18.35	18.39		
10	16QAM	1	49	18.93	19.03	18.91	18.73	18.76		
10	16QAM	25	0	18.11	18.08	18.23	18.05	18.04	18.8	2
10	16QAM	25	12	18.00	17.87	17.90	17.72	17.74		
10	16QAM	25	25	18.27	18.26	18.18	18.09	18.01		
10	16QAM	50	0	17.90	17.91	17.93	17.69	17.65		
10	64QAM	1	0	17.74	17.83	17.62	17.63	17.45	18.8	2
10	64QAM	1	25	18.10	17.96	17.97	17.81	17.83		
10	64QAM	1	49	17.95	18.06	17.95	17.79	17.89		
10	64QAM	25	0	17.25	17.24	17.12	17.10	16.98	17.8	3
10	64QAM	25	12	17.17	17.21	17.20	16.94	17.11		
10	64QAM	25	25	17.22	17.24	17.11	17.07	17.00		
10	64QAM	50	0	16.86	17.02	16.94	16.69	16.64		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.46	20.38	20.11	20.05	19.99	20.8	0
5	QPSK	1	12	20.08	20.23	20.16	19.97	19.88		
5	QPSK	1	24	20.16	20.19	20.18	19.89	19.95		
5	QPSK	12	0	19.37	19.23	19.13	18.96	19.10	19.8	1
5	QPSK	12	7	19.29	19.28	19.09	18.96	18.96		
5	QPSK	12	13	19.19	19.24	19.10	18.99	19.03		
5	QPSK	25	0	19.36	19.18	19.07	19.02	18.92		
5	16QAM	1	0	18.54	18.59	18.57	18.38	18.47	19.8	1
5	16QAM	1	12	18.67	18.64	18.60	18.46	18.36		
5	16QAM	1	24	18.95	18.95	18.96	18.81	18.78		
5	16QAM	12	0	18.17	18.09	18.16	18.01	18.03	18.8	2
5	16QAM	12	7	17.91	17.95	17.96	17.81	17.79		
5	16QAM	12	13	18.16	18.31	18.18	18.06	17.96		
5	16QAM	25	0	17.87	17.87	17.92	17.68	17.60		
5	64QAM	1	0	17.74	17.82	17.70	17.51	17.47	18.8	2
5	64QAM	1	12	18.07	17.97	17.94	17.84	17.81		
5	64QAM	1	24	17.92	17.99	17.89	17.81	17.79		
5	64QAM	12	0	17.22	17.20	17.24	16.96	16.96	17.8	3
5	64QAM	12	7	17.20	17.09	17.27	16.94	17.02		
5	64QAM	12	13	17.10	17.15	17.24	17.08	17.11		
5	64QAM	25	0	16.91	16.91	16.84	16.72	16.69		

Band 41 (HPUE)_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.47	23.39	23.48	23.03	23.08	23.8	0
20	QPSK	1	49	23.33	23.35	23.23	23.01	23.02		
20	QPSK	1	99	23.36	23.37	23.19	22.96	23.06		
20	QPSK	50	0	22.41	22.37	22.42	22.07	22.06	22.8	1
20	QPSK	50	24	22.27	22.30	22.21	21.99	21.99		
20	QPSK	50	50	22.40	22.29	22.23	22.06	22.02		
20	QPSK	100	0	22.34	22.30	22.35	22.00	22.04		
20	16QAM	1	0	22.49	22.57	22.41	22.30	22.27	22.8	1
20	16QAM	1	49	22.60	22.55	22.41	22.25	22.25		
20	16QAM	1	99	22.49	22.46	22.38	22.27	22.15		
20	16QAM	50	0	21.49	21.37	21.31	21.16	21.16	21.8	2
20	16QAM	50	24	21.33	21.35	21.24	21.09	21.04		
20	16QAM	50	50	21.44	21.45	21.28	21.11	21.08		
20	16QAM	100	0	21.05	21.12	20.96	20.80	20.76		
20	64QAM	1	0	21.42	21.45	21.26	21.15	21.05	21.8	2
20	64QAM	1	49	21.34	21.37	21.29	21.09	21.11		
20	64QAM	1	99	21.14	21.18	20.99	20.84	20.81		
20	64QAM	50	0	20.41	20.39	20.23	19.98	19.98	20.8	3
20	64QAM	50	24	20.30	20.27	20.22	20.03	20.10		
20	64QAM	50	50	20.37	20.30	20.23	20.03	20.07		
20	64QAM	100	0	20.34	20.24	20.19	20.07	19.94		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.43	23.28	23.15	23.02	22.96	23.8	0
15	QPSK	1	37	23.31	23.22	23.15	22.96	22.92		
15	QPSK	1	74	23.21	23.36	23.07	22.89	22.97		
15	QPSK	36	0	22.33	22.26	22.19	21.99	21.92	22.8	1
15	QPSK	36	20	22.24	22.16	22.11	21.88	21.90		
15	QPSK	36	39	22.38	22.23	22.20	22.02	21.97		
15	QPSK	75	0	22.22	22.26	22.22	21.99	22.00		
15	16QAM	1	0	22.36	22.43	22.38	22.17	22.14	22.8	1
15	16QAM	1	37	22.57	22.47	22.29	22.23	22.17		
15	16QAM	1	74	22.41	22.35	22.29	22.26	22.06		
15	16QAM	36	0	21.45	21.22	21.16	21.13	21.14	21.8	2
15	16QAM	36	20	21.25	21.25	21.21	20.96	20.92		
15	16QAM	36	39	21.41	21.32	21.25	21.04	21.05		
15	16QAM	75	0	21.00	21.09	20.84	20.73	20.72		
15	64QAM	1	0	21.31	21.32	21.24	21.01	20.96	21.8	2
15	64QAM	1	37	21.20	21.26	21.28	21.07	21.04		
15	64QAM	1	74	21.05	21.08	20.85	20.71	20.72		
15	64QAM	36	0	20.38	20.35	20.21	19.94	19.96	20.8	3
15	64QAM	36	20	20.21	20.19	20.20	20.01	19.95		
15	64QAM	36	39	20.31	20.23	20.22	19.94	19.94		
15	64QAM	75	0	20.25	20.11	20.05	19.94	19.87		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.40	23.26	23.24	23.00	22.97	23.8	0
10	QPSK	1	25	23.22	23.28	23.15	22.87	23.00		
10	QPSK	1	49	23.29	23.31	23.16	22.85	23.01		
10	QPSK	25	0	22.38	22.25	22.22	22.02	22.01	22.8	1
10	QPSK	25	12	22.18	22.21	22.17	21.93	21.91		
10	QPSK	25	25	22.26	22.16	22.18	21.99	21.92		
10	QPSK	50	0	22.20	22.28	22.14	21.97	21.97		
10	16QAM	1	0	22.34	22.42	22.33	22.28	22.24	22.8	1
10	16QAM	1	25	22.48	22.45	22.36	22.14	22.10		
10	16QAM	1	49	22.38	22.33	22.30	22.14	22.00		
10	16QAM	25	0	21.39	21.35	21.27	21.12	21.12	21.8	2
10	16QAM	25	12	21.25	21.24	21.10	21.02	20.95		
10	16QAM	25	25	21.34	21.34	21.14	21.10	21.01		
10	16QAM	50	0	20.93	20.98	20.92	20.65	20.70		
10	64QAM	1	0	21.34	21.37	21.23	21.13	20.92	21.8	2
10	64QAM	1	25	21.22	21.28	21.24	21.08	20.99		
10	64QAM	1	49	20.99	21.15	20.86	20.69	20.72		
10	64QAM	25	0	20.28	20.38	20.20	19.93	19.84	20.8	3
10	64QAM	25	12	20.20	20.26	20.07	20.01	20.09		
10	64QAM	25	25	20.25	20.29	20.15	20.00	20.02		
10	64QAM	50	0	20.20	20.13	20.17	19.97	19.80		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.39	23.37	23.24	23.02	22.95	23.8	0
5	QPSK	1	12	23.20	23.32	23.21	22.92	22.97		
5	QPSK	1	24	23.26	23.36	23.08	22.93	23.03		
5	QPSK	12	0	22.29	22.28	22.11	22.01	21.98	22.8	1
5	QPSK	12	7	22.19	22.24	22.12	21.86	21.92		
5	QPSK	12	13	22.25	22.19	22.11	21.95	21.88		
5	QPSK	25	0	22.39	22.31	22.21	22.03	21.92		
5	16QAM	1	0	22.46	22.54	22.26	22.23	22.14	22.8	1
5	16QAM	1	12	22.48	22.49	22.33	22.12	22.24		
5	16QAM	1	24	22.39	22.44	22.30	22.22	22.12		
5	16QAM	12	0	21.47	21.28	21.24	21.04	21.06	21.8	2
5	16QAM	12	7	21.24	21.30	21.15	20.95	20.94		
5	16QAM	12	13	21.38	21.30	21.23	21.01	20.94		
5	16QAM	25	0	20.97	21.02	20.92	20.78	20.75		
5	64QAM	1	0	21.33	21.31	21.16	21.01	20.94	21.8	2
5	64QAM	1	12	21.20	21.36	21.24	20.97	21.06		
5	64QAM	1	24	21.10	21.03	20.90	20.76	20.66		
5	64QAM	12	0	20.40	20.26	20.09	19.97	19.88	20.8	3
5	64QAM	12	7	20.15	20.24	20.18	20.01	20.01		
5	64QAM	12	13	20.31	20.15	20.22	19.97	20.05		
5	64QAM	25	0	20.27	20.21	20.08	20.06	19.79		

Full & Default Power Mode

n2_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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.26	22.32	22.19		
20	PI/2 BPSK	1	53	22.23	22.27	22.18	23.8	0.0
20	PI/2 BPSK	1	104	22.16	22.29	22.21		
20	PI/2 BPSK	50	0	21.78	21.81	21.70	23.3	0.5
20	PI/2 BPSK	50	28	22.24	22.29	22.20	23.8	0.0
20	PI/2 BPSK	50	56	21.63	21.75	21.85	23.3	0.5
20	PI/2 BPSK	100	0	21.78	21.79	21.78		
20	QPSK	1	1	22.33	22.38	22.32		
20	QPSK	1	53	22.27	22.32	22.31	23.8	0.0
20	QPSK	1	104	22.23	22.26	22.13		
20	QPSK	50	0	21.16	21.27	21.19	22.8	1.0
20	QPSK	50	28	22.18	22.27	22.21	23.8	0.0
20	QPSK	50	56	21.16	21.27	21.22	22.8	1.0
20	QPSK	100	0	21.20	21.26	21.23		
20	16QAM	1	1	20.95	21.10	21.01	22.8	1.0
20	64QAM	1	1	19.64	19.72	19.63	21.3	2.5
20	256QAM	1	1	18.15	18.25	18.11	19.3	4.5
Channel				371500	376000	380500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	1	22.32	22.23	22.20	23.8	0.0
Channel				371000	376000	381000	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	1	22.31	22.28	22.22	23.8	0.0
Channel				370500	376000	381500	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	1	22.20	22.37	22.30	23.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.71	22.80	22.73		
20	PI/2 BPSK	1	53	22.69	22.73	22.60	23.8	0.0
20	PI/2 BPSK	1	104	22.77	22.78	22.71		
20	PI/2 BPSK	50	0	22.11	22.22	22.12	23.3	0.5
20	PI/2 BPSK	50	28	22.60	22.73	22.71	23.8	0.0
20	PI/2 BPSK	50	56	22.13	22.20	22.06	23.3	0.5
20	PI/2 BPSK	100	0	22.19	22.23	22.22		
20	QPSK	1	1	22.78	22.81	22.73		
20	QPSK	1	53	22.61	22.75	22.63	23.8	0.0
20	QPSK	1	104	22.75	22.76	22.61		
20	QPSK	50	0	21.72	21.74	21.71	22.8	1.0
20	QPSK	50	28	22.69	22.72	22.62	23.8	0.0
20	QPSK	50	56	21.64	21.70	21.58	22.8	1.0
20	QPSK	100	0	21.80	21.75	21.60		
20	16QAM	1	1	21.55	21.56	21.54	22.8	1.0
20	64QAM	1	1	20.06	20.14	20.06	21.3	2.5
20	256QAM	1	1	18.55	18.68	18.60	19.3	4.5
Channel				371500	376000	380500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	1	22.67	22.71	22.62	23.8	0.0
Channel				371000	376000	381000	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	1	22.75	22.78	22.72	23.8	0.0
Channel				370500	376000	381500	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	1	22.67	22.75	22.68	23.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.52	20.53	20.38		
20	PI/2 BPSK	1	53	20.39	20.46	20.33	21.8	0.0
20	PI/2 BPSK	1	104	20.30	20.38	20.38		
20	PI/2 BPSK	50	0	19.39	19.43	19.38	21.3	0.5
20	PI/2 BPSK	50	28	20.39	20.52	20.39	21.8	0.0
20	PI/2 BPSK	50	56	19.39	19.38	19.37	21.3	0.5
20	PI/2 BPSK	100	0	19.34	19.41	19.44		
20	QPSK	1	1	20.57	20.61	20.53		
20	QPSK	1	53	20.45	20.50	20.40	21.8	0.0
20	QPSK	1	104	20.32	20.47	20.45		
20	QPSK	50	0	19.33	19.48	19.42	20.8	1.0
20	QPSK	50	28	20.41	20.46	20.42	21.8	0.0
20	QPSK	50	56	19.31	19.43	19.32	20.8	1.0
20	QPSK	100	0	19.38	19.47	19.38		
20	16QAM	1	1	19.31	19.39	19.30	20.8	1.0
20	64QAM	1	1	17.74	17.85	17.75	19.3	2.5
20	256QAM	1	1	16.33	16.47	16.34	17.3	4.5
Channel				371500	376000	380500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	1	20.54	20.52	20.38	21.8	0.0
Channel				371000	376000	381000	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	1	20.53	20.57	20.48	21.8	0.0
Channel				370500	376000	381500	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	1	20.42	20.46	20.51	21.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.91	23.95	23.88		
20	PI/2 BPSK	1	53	23.89	23.98	23.85	25.0	0.0
20	PI/2 BPSK	1	104	23.80	23.95	23.80		
20	PI/2 BPSK	50	0	23.34	23.38	23.36	24.5	0.5
20	PI/2 BPSK	50	28	23.83	23.93	23.90	25.0	0.0
20	PI/2 BPSK	50	56	23.29	23.41	23.29	24.5	0.5
20	PI/2 BPSK	100	0	23.27	23.42	23.28		
20	QPSK	1	1	23.98	24.02	23.95		
20	QPSK	1	53	23.92	23.97	23.93	25.0	0.0
20	QPSK	1	104	23.84	23.93	23.84		
20	QPSK	50	0	22.83	22.86	22.71	24.0	1.0
20	QPSK	50	28	23.90	23.93	23.79	25.0	0.0
20	QPSK	50	56	22.85	22.91	22.87	24.0	1.0
20	QPSK	100	0	22.82	22.88	22.85		
20	16QAM	1	1	22.66	22.71	22.56	24.0	1.0
20	64QAM	1	1	21.23	21.30	21.28	22.5	2.5
20	256QAM	1	1	19.82	19.85	19.78	20.5	4.5
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	23.95	23.94	23.80	25.0	0.0
Channel				165800	167300	168800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	23.85	23.93	23.82	25.0	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	23.90	23.99	23.80	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				814	836.5	859		
20	Pi/2 BPSK	1	1	23.01	23.02	22.90		
20	Pi/2 BPSK	1	53	22.99	23.01	22.98	24.5	0.0
20	Pi/2 BPSK	1	104	22.99	23.01	22.97		
20	Pi/2 BPSK	50	0	22.43	22.48	22.43	24.0	0.5
20	Pi/2 BPSK	50	28	22.96	23.02	22.92	24.5	0.0
20	Pi/2 BPSK	50	56	22.32	22.48	22.43	24.0	0.5
20	Pi/2 BPSK	100	0	22.45	22.48	22.38		
20	QPSK	1	1	23.02	23.04	23.02		
20	QPSK	1	53	22.91	23.03	22.92	24.5	0.0
20	QPSK	1	104	22.95	22.98	22.97		
20	QPSK	50	0	21.88	21.97	21.94	23.5	1.0
20	QPSK	50	28	22.96	22.98	22.91	24.5	0.0
20	QPSK	50	56	21.79	21.94	21.90	23.5	1.0
20	QPSK	100	0	21.95	21.98	21.96		
20	16QAM	1	1	21.77	21.79	21.75	23.5	1.0
20	64QAM	1	1	20.25	20.35	20.32	22.0	2.5
20	256QAM	1	1	18.83	18.92	18.91	20.0	4.5
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				813.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	22.93	22.94	22.94	24.5	0.0
Channel				165800	167300	168800	Tune-up limit	MPR
Frequency (MHz)				819	836.5	844	(dBm)	(dB)
10	QPSK	1	1	23.01	22.98	22.95	24.5	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				824.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	22.94	23.03	22.92	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2620	2636	2649		
40	Pi/2 BPSK	1	1	23.34	23.39	23.32		
40	Pi/2 BPSK	1	108	23.26	23.40	23.38	25.0	0.0
40	Pi/2 BPSK	1	214	23.27	23.31	23.21		
40	Pi/2 BPSK	108	0	22.90	22.94	22.86	24.5	0.5
40	Pi/2 BPSK	108	54	23.30	23.34	23.23	25.0	0.0
40	Pi/2 BPSK	108	108	22.82	22.90	22.83	24.5	0.5
40	Pi/2 BPSK	216	0	22.91	22.93	22.91		
40	QPSK	1	1	23.39	23.46	23.41		
40	QPSK	1	108	23.27	23.33	23.18	25.0	0.0
40	QPSK	1	214	23.29	23.36	23.22		
40	QPSK	108	0	22.33	22.38	22.34	24.0	1.0
40	QPSK	108	54	23.31	23.40	23.38	25.0	0.0
40	QPSK	108	108	22.21	22.36	22.34	24.0	1.0
40	QPSK	216	0	22.37	22.39	22.33		
40	16QAM	1	1	22.13	22.15	22.00	24.0	1.0
40	64QAM	1	1	20.65	20.69	20.63	22.5	2.5
40	256QAM	1	1	19.12	19.15	19.11	20.5	4.5
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2615	2636	2648	(dBm)	(dB)
30	QPSK	1	1	23.35	23.31	23.30	25.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2612.5	2636	2647.5	(dBm)	(dB)
25	QPSK	1	1	23.26	23.36	23.40	25.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2610	2636	2649	(dBm)	(dB)
20	QPSK	1	1	23.27	23.37	23.29	25.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2607.5	2636	2652.5	(dBm)	(dB)
15	QPSK	1	1	23.24	23.32	23.40	25.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2605	2636	2645	(dBm)	(dB)
10	QPSK	1	1	23.36	23.45	23.39	25.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2602.5	2636	2567.5	(dBm)	(dB)
5	QPSK	1	1	23.31	23.42	23.33	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2620	2636	2649		
40	Pi/2 BPSK	1	1	23.72	23.74	23.60		
40	Pi/2 BPSK	1	108	23.57	23.71	23.69	25.0	0.0
40	Pi/2 BPSK	1	214	23.68	23.74	23.72		
40	Pi/2 BPSK	108	0	23.22	23.28	23.23	24.5	0.5
40	Pi/2 BPSK	108	54	23.64	23.75	23.67	25.0	0.0
40	Pi/2 BPSK	108	108	23.20	23.22	23.17	24.5	0.5
40	Pi/2 BPSK	216	0	23.14	23.26	23.25		
40	QPSK	1	1	23.75	23.81	23.74		
40	QPSK	1	108	23.61	23.67	23.66	25.0	0.0
40	QPSK	1	214	23.65	23.72	23.68		
40	QPSK	108	0	22.63	22.75	22.73	24.0	1.0
40	QPSK	108	54	23.62	23.73	23.62	25.0	0.0
40	QPSK	108	108	22.59	22.69	22.66	24.0	1.0
40	QPSK	216	0	22.64	22.71	22.66		
40	16QAM	1	1	22.47	22.50	22.43	24.0	1.0
40	64QAM	1	1	20.96	21.05	20.98	22.5	2.5
40	256QAM	1	1	19.59	19.62	19.52	20.5	4.5
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2615	2636	2648	(dBm)	(dB)
30	QPSK	1	1	23.64	23.73	23.62	25.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2612.5	2636	2647.5	(dBm)	(dB)
25	QPSK	1	1	23.67	23.66	23.68	25.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2610	2636	2649	(dBm)	(dB)
20	QPSK	1	1	23.70	23.72	23.61	25.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2607.5	2636	2652.5	(dBm)	(dB)
15	QPSK	1	1	23.65	23.72	23.73	25.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2605	2636	2645	(dBm)	(dB)
10	QPSK	1	1	23.62	23.71	23.64	25.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2602.5	2636	2567.5	(dBm)	(dB)
5	QPSK	1	1	23.61	23.75	23.61	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2620	2636	2649		
40	Pi/2 BPSK	1	1	20.70	20.83	20.82		
40	Pi/2 BPSK	1	108	20.69	20.73	20.69	22.0	0.0
40	Pi/2 BPSK	1	214	20.73	20.75	20.73		
40	Pi/2 BPSK	108	0	20.24	20.34	20.31	21.5	0.5
40	Pi/2 BPSK	108	54	20.77	20.78	20.83	22.0	0.0
40	Pi/2 BPSK	108	108	20.23	20.26	20.18	21.5	0.5
40	Pi/2 BPSK	216	0	20.14	20.29	20.27		
40	QPSK	1	1	20.93	20.94	20.75		
40	QPSK	1	108	20.56	20.70	20.68	22.0	0.0
40	QPSK	1	214	20.71	20.73	20.68		
40	QPSK	108	0	19.77	19.82	19.70	21.0	1.0
40	QPSK	108	54	20.64	20.76	20.65	22.0	0.0
40	QPSK	108	108	19.66	19.73	19.60	21.0	1.0
40	QPSK	216	0	19.72	19.77	19.73		
40	16QAM	1	1	19.45	19.60	19.56	21.0	1.0
40	64QAM	1	1	18.13	18.16	18.08	19.5	2.5
40	256QAM	1	1	16.70	16.72	16.69	17.5	4.5
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2615	2636	2648	(dBm)	(dB)
30	QPSK	1	1	20.82	20.75	20.76	22.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2612.5	2636	2647.5	(dBm)	(dB)
25	QPSK	1	1	20.88	20.81	20.68	22.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2610	2636	2649	(dBm)	(dB)
20	QPSK	1	1	20.92	20.74	20.65	22.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2607.5	2636	2652.5	(dBm)	(dB)
15	QPSK	1	1	20.84	20.70	20.63	22.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2605	2636	2645	(dBm)	(dB)
10	QPSK	1	1	20.81	20.81	20.72	22.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2602.5	2636	2567.5	(dBm)	(dB)
5	QPSK	1	1	20.89	20.69	20.66	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.82	22.93	22.81		
15	PI/2 BPSK	1	40	22.87	22.92	22.91	23.8	0.0
15	PI/2 BPSK	1	77	22.72	22.86	22.75		
15	PI/2 BPSK	36	0	22.43	22.45	22.42	23.3	0.5
15	PI/2 BPSK	36	22	22.92	22.95	22.82	23.8	0.0
15	PI/2 BPSK	36	43	22.35	22.40	22.27	23.3	0.5
15	PI/2 BPSK	75	0	22.42	22.46	22.38		
15	QPSK	1	1	22.95	22.99	22.92		
15	QPSK	1	40	22.90	22.94	22.85	23.8	0.0
15	QPSK	1	77	22.80	22.86	22.76		
15	QPSK	36	0	21.92	21.93	21.90	22.8	1.0
15	QPSK	36	22	22.96	22.97	22.91	23.8	0.0
15	QPSK	36	43	21.79	21.91	21.82		
15	QPSK	75	0	21.89	21.95	21.86	22.8	1.0
15	16QAM	1	1	21.59	21.69	21.66	22.8	1.0
15	64QAM	1	1	20.13	20.23	20.11	21.3	2.5
	256QAM	1	1	18.73	18.81	18.70	19.3	4.5
Channel				140800	141500	142200	Tune-up limit	MPR
Frequency (MHz)				704	707.5	711	(dBm)	(dB)
10	QPSK	1	1	22.86	22.90	22.89	23.8	0.0
Channel				140300	141500	142700	Tune-up limit	MPR
Frequency (MHz)				701.5	707.5	713.5	(dBm)	(dB)
5	QPSK	1	1	22.83	22.91	22.91	23.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.20	22.21	22.18		
15	PI/2 BPSK	1	40	22.13	22.23	22.14	22.8	0.0
15	PI/2 BPSK	1	77	22.06	22.15	22.07		
15	PI/2 BPSK	36	0	21.68	21.78	21.65	22.3	0.5
15	PI/2 BPSK	36	22	22.20	22.26	22.20	22.8	0.0
15	PI/2 BPSK	36	43	21.71	21.74	21.65	22.3	0.5
15	PI/2 BPSK	75	0	21.82	21.77	21.73		
15	QPSK	1	1	22.25	22.29	22.20		
15	QPSK	1	40	22.17	22.24	22.12	22.8	0.0
15	QPSK	1	77	22.05	22.12	21.97		
15	QPSK	36	0	21.21	21.25	21.16	21.8	1.0
15	QPSK	36	22	22.19	22.25	22.19	22.8	0.0
15	QPSK	36	43	21.12	21.23	21.20		
15	QPSK	75	0	21.16	21.26	21.23	21.8	1.0
15	16QAM	1	1	20.84	20.99	20.96	21.8	1.0
15	64QAM	1	1	19.49	19.54	19.50	20.3	2.5
	256QAM	1	1	17.99	18.12	18.05	18.3	4.5
Channel				140800	141500	142200	Tune-up limit	MPR
Frequency (MHz)				704	707.5	711	(dBm)	(dB)
10	QPSK	1	1	22.10	22.18	22.13	22.8	0.0
Channel				140300	141500	142700	Tune-up limit	MPR
Frequency (MHz)				701.5	707.5	713.5	(dBm)	(dB)
5	QPSK	1	1	22.23	22.22	22.14	22.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.82	23.91	23.82		
20	PI/2 BPSK	1	53	23.77	23.88	23.85	25.0	0.0
20	PI/2 BPSK	1	104	23.88	23.95	23.83		
20	PI/2 BPSK	50	0	23.35	23.45	23.40	24.5	0.5
20	PI/2 BPSK	50	28	23.91	23.92	23.78	25.0	0.0
20	PI/2 BPSK	50	56	23.31	23.39	23.30	24.5	0.5
20	PI/2 BPSK	100	0	23.24	23.39	23.28		
20	QPSK	1	1	23.88	23.97	23.91		
20	QPSK	1	53	23.76	23.91	23.89	25.0	0.0
20	QPSK	1	104	23.83	23.94	23.90		
20	QPSK	50	0	22.87	22.95	22.88	24.0	1.0
20	QPSK	50	28	23.88	23.91	23.81	25.0	0.0
20	QPSK	50	56	22.76	22.88	22.80		
20	QPSK	100	0	22.73	22.87	22.77	24.0	1.0
20	16QAM	1	1	22.56	22.68	22.64	24.0	1.0
20	64QAM	1	1	21.26	21.29	21.23	22.5	2.5
20	256QAM	1	1	19.68	19.83	19.69	20.5	4.5
Channel				164300	166300	168300	Tune-up limit	MPR
Frequency (MHz)				821.5	831.5	841.5	(dBm)	(dB)
15	QPSK	1	1	23.76	23.85	23.88	25.0	0.0
Channel				163800	166300	168800	Tune-up limit	MPR
Frequency (MHz)				819	831.5	844	(dBm)	(dB)
10	QPSK	1	1	23.73	23.82	23.85	25.0	0.0
Channel				163300	166300	169300	Tune-up limit	MPR
Frequency (MHz)				816.5	831.5	846.5	(dBm)	(dB)
5	QPSK	1	1	23.83	23.93	23.77	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.92	23.01	22.93		
20	PI/2 BPSK	1	53	22.91	23.05	22.96	24.5	0.0
20	PI/2 BPSK	1	104	22.96	23.02	22.92		
20	PI/2 BPSK	50	0	22.39	22.52	22.43	24.0	0.5
20	PI/2 BPSK	50	28	22.93	23.01	22.92	24.5	0.0
20	PI/2 BPSK	50	56	22.47	22.48	22.42	24.0	0.5
20	PI/2 BPSK	100	0	22.45	22.50	22.47		
20	QPSK	1	1	22.99	23.08	23.05		
20	QPSK	1	53	22.97	23.01	22.88	24.5	0.0
20	QPSK	1	104	22.84	22.98	22.83		
20	QPSK	50	0	21.95	22.03	21.93	23.5	1.0
20	QPSK	50	28	22.93	22.98	22.88	24.5	0.0
20	QPSK	50	56	21.87	21.96	21.82		
20	QPSK	100	0	21.91	21.96	21.95	23.5	1.0
20	16QAM	1	1	21.75	21.76	21.71	23.5	1.0
20	64QAM	1	1	20.31	20.36	20.31	22.0	2.5
20	256QAM	1	1	18.83	18.93	18.88	20.0	4.5
Channel				164300	166300	168300	Tune-up limit	MPR
Frequency (MHz)				821.5	831.5	841.5	(dBm)	(dB)
15	QPSK	1	1	22.97	22.99	22.95	24.5	0.0
Channel				163800	166300	168800	Tune-up limit	MPR
Frequency (MHz)				819	831.5	844	(dBm)	(dB)
10	QPSK	1	1	22.95	23.02	23.00	24.5	0.0
Channel				163300	166300	169300	Tune-up limit	MPR
Frequency (MHz)				816.5	831.5	846.5	(dBm)	(dB)
5	QPSK	1	1	22.90	23.06	22.93	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	23.33	23.45	23.40	25.0	0.0
40	Pi/2 BPSK	1	108	23.38	23.41	23.38		
40	Pi/2 BPSK	1	214	23.24	23.37	23.24		
40	Pi/2 BPSK	108	0	22.86	22.90	22.84	24.5	0.5
40	Pi/2 BPSK	108	54	23.37	23.44	23.33	25.0	0.0
40	Pi/2 BPSK	108	108	22.78	22.88	22.86	24.5	0.5
40	Pi/2 BPSK	216	0	22.91	22.92	22.90		
40	QPSK	1	1	23.46	23.49	23.47	25.0	0.0
40	QPSK	1	108	23.26	23.37	23.36		
40	QPSK	1	214	23.33	23.45	23.30		
40	QPSK	108	0	22.31	22.38	22.37	24.0	1.0
40	QPSK	108	54	23.41	23.44	23.42	25.0	0.0
40	QPSK	108	108	22.36	22.38	22.27	24.0	1.0
40	QPSK	216	0	22.35	22.41	22.31		
40	16QAM	1	1	22.25	22.27	22.13	24.0	1.0
40	64QAM	1	1	20.78	20.84	20.76	22.5	2.5
40	256QAM	1	1	19.30	19.42	19.34	20.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1726	1745	1765		
30	QPSK	1	1	23.43	23.48	23.37	25.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.36	23.34	23.36	25.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.45	23.44	23.36	25.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.32	23.37	23.32	25.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.38	23.44	23.45	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	23.78	23.80	23.79	25.0	0.0
40	Pi/2 BPSK	1	108	23.63	23.75	23.60		
40	Pi/2 BPSK	1	214	23.68	23.79	23.71		
40	Pi/2 BPSK	108	0	23.07	23.19	23.07	24.5	0.5
40	Pi/2 BPSK	108	54	23.70	23.75	23.63	25.0	0.0
40	Pi/2 BPSK	108	108	23.04	23.19	23.11	24.5	0.5
40	Pi/2 BPSK	216	0	23.19	23.20	23.17		
40	QPSK	1	1	23.81	23.87	23.82	25.0	0.0
40	QPSK	1	108	23.67	23.71	23.60		
40	QPSK	1	214	23.68	23.77	23.68		
40	QPSK	108	0	22.54	22.68	22.57	24.0	1.0
40	QPSK	108	54	23.64	23.74	23.72	25.0	0.0
40	QPSK	108	108	22.67	22.68	22.58	24.0	1.0
40	QPSK	216	0	22.63	22.68	22.57		
40	16QAM	1	1	22.49	22.58	22.55	24.0	1.0
40	64QAM	1	1	21.07	21.14	21.02	22.5	2.5
40	256QAM	1	1	19.62	19.76	19.64	20.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1726	1745	1765		
30	QPSK	1	1	23.67	23.85	23.77	25.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.78	23.86	23.75	25.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.69	23.77	23.76	25.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.77	23.76	23.74	25.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.80	23.77	23.78	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	21.82	21.77	21.66	23.5	0.0
40	Pi/2 BPSK	1	108	21.61	21.66	21.54		
40	Pi/2 BPSK	1	214	21.82	21.74	21.69		
40	Pi/2 BPSK	108	0	21.00	21.14	21.03	23.0	0.5
40	Pi/2 BPSK	108	54	21.55	21.68	21.60	23.5	0.0
40	Pi/2 BPSK	108	108	21.09	21.12	21.02	23.0	0.5
40	Pi/2 BPSK	216	0	21.07	21.14	21.11		
40	QPSK	1	1	21.80	21.86	21.82	23.5	0.0
40	QPSK	1	108	21.58	21.66	21.53		
40	QPSK	1	214	21.59	21.72	21.70		
40	QPSK	108	0	20.59	20.63	20.62	22.5	1.0
40	QPSK	108	54	21.62	21.68	21.64	23.5	0.0
40	QPSK	108	108	20.57	20.71	20.70	22.5	1.0
40	QPSK	216	0	20.66	20.72	20.59		
40	16QAM	1	1	20.52	20.62	20.52	22.5	1.0
40	64QAM	1	1	19.07	19.20	19.13	21.0	2.5
40	256QAM	1	1	17.75	17.79	17.78	19.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1726	1745	1765		
30	QPSK	1	1	21.74	21.81	21.69	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.68	21.82	21.74	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.74	21.85	21.77	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.65	21.80	21.70	23.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.75	21.78	21.67	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.43	23.50	23.39	25.0	0.0
40	PI/2 BPSK	1	53	23.36	23.46	23.41		
40	PI/2 BPSK	1	104	23.36	23.43	23.42		
40	PI/2 BPSK	50	0	22.83	22.92	22.83	24.5	0.5
40	PI/2 BPSK	50	28	23.34	23.45	23.38	25.0	0.0
40	PI/2 BPSK	50	56	22.87	22.91	22.88	24.5	0.5
40	PI/2 BPSK	100	0	22.86	22.92	22.88		
40	QPSK	1	1	23.44	23.52	23.50	25.0	0.0
40	QPSK	1	53	23.29	23.43	23.28		
40	QPSK	1	104	23.40	23.47	23.41		
40	QPSK	50	0	22.41	22.43	22.36	24.0	1.0
40	QPSK	50	28	23.40	23.42	23.38	25.0	0.0
40	QPSK	50	56	22.38	22.40	22.25	24.0	1.0
40	QPSK	100	0	22.38	22.41	22.29		
40	16QAM	1	1	22.24	22.25	22.20	24.0	1.0
40	64QAM	1	1	20.69	20.81	20.76	22.5	2.5
40	256QAM	1	1	19.32	19.37	19.22	20.5	4.5
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2589.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	23.37	23.37	23.46	25.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	23.41	23.47	23.43	25.0	0.0
Channel				515502	519000	522498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	23.39	23.43	23.38	25.0	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	23.35	23.41	23.45	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.73	23.86	23.83	25.0	0.0
40	PI/2 BPSK	1	53	23.80	23.87	23.80		
40	PI/2 BPSK	1	104	23.69	23.82	23.67		
40	PI/2 BPSK	50	0	23.22	23.32	23.27	24.5	0.5
40	PI/2 BPSK	50	28	23.80	23.82	23.71	25.0	0.0
40	PI/2 BPSK	50	56	23.17	23.29	23.14	24.5	0.5
40	PI/2 BPSK	100	0	23.25	23.30	23.28		
40	QPSK	1	1	23.81	23.89	23.87	25.0	0.0
40	QPSK	1	53	23.71	23.75	23.73		
40	QPSK	1	104	23.75	23.88	23.78		
40	QPSK	50	0	22.73	22.76	22.63	24.0	1.0
40	QPSK	50	28	23.74	23.78	23.72	25.0	0.0
40	QPSK	50	56	22.63	22.74	22.68	24.0	1.0
40	QPSK	100	0	22.71	22.78	22.71		
40	16QAM	1	1	22.45	22.58	22.43	24.0	1.0
40	64QAM	1	1	21.06	21.15	21.14	22.5	2.5
40	256QAM	1	1	19.64	19.71	19.58	20.5	4.5
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2589.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	23.78	23.75	23.86	25.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	23.70	23.83	23.82	25.0	0.0
Channel				515502	519000	522498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	23.76	23.76	23.75	25.0	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	23.77	23.81	23.80	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.67	20.68	20.58	22.0	0.0
40	PI/2 BPSK	1	53	20.44	20.56	20.52		
40	PI/2 BPSK	1	104	20.45	20.50	20.49		
40	PI/2 BPSK	50	0	20.03	20.04	19.95	21.5	0.5
40	PI/2 BPSK	50	28	20.39	20.49	20.40	22.0	0.0
40	PI/2 BPSK	50	56	19.84	19.92	19.78	21.5	0.5
40	PI/2 BPSK	100	0	19.89	19.97	19.89		
40	QPSK	1	1	20.60	20.69	20.59	22.0	0.0
40	QPSK	1	53	20.35	20.41	20.30		
40	QPSK	1	104	20.32	20.46	20.32		
40	QPSK	50	0	19.40	19.50	19.49	21.0	1.0
40	QPSK	50	28	20.37	20.45	20.38	22.0	0.0
40	QPSK	50	56	19.34	19.38	19.36	21.0	1.0
40	QPSK	100	0	19.35	19.45	19.36		
40	16QAM	1	1	19.23	19.38	19.24	21.0	1.0
40	64QAM	1	1	17.92	17.94	17.80	19.5	2.5
40	256QAM	1	1	16.47	16.48	16.38	17.5	4.5
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2589.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	20.47	20.53	20.54	22.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	20.57	20.48	20.48	22.0	0.0
Channel				515502	519000	522498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	20.55	20.53	20.49	22.0	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	20.51	20.46	20.53	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.89	22.74	22.64		
100	PI/2 BPSK	1	137	22.83	22.73	22.66	24.2	0.0
100	PI/2 BPSK	1	271	22.83	22.60	22.70		
100	PI/2 BPSK	135	0	22.60	22.72	22.65	24.2	0.0
100	PI/2 BPSK	135	69	22.70	22.63	22.60	24.2	0.0
100	PI/2 BPSK	135	138	22.80	22.64	22.60	24.2	0.0
100	PI/2 BPSK	270	0	22.61	22.64	22.65		
100	QPSK	1	1	22.80	22.88	22.76		
100	QPSK	1	137	22.68	22.62	22.66	24.2	0.0
100	QPSK	1	271	22.72	22.68	22.67		
100	QPSK	135	0	22.83	22.63	22.69	24.2	0.0
100	QPSK	135	69	22.70	22.73	22.70	24.2	0.0
100	QPSK	135	138	22.87	22.66	22.62		
100	QPSK	270	0	22.66	22.68	22.60	24.2	0.0
100	16QAM	1	1	22.63	22.63	22.72	24.2	0.0
100	64QAM	1	1	22.68	22.60	22.66	24.2	0.0
100	256QAM	1	1	21.50	21.52	21.46	22.7	1.5
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	22.79	22.74	22.70	24.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	22.76	22.79	22.61	24.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	22.72	22.79	22.72	24.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	22.72	22.81	22.71	24.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	22.66	22.79	22.61	24.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	22.76	22.84	22.73	24.2	0.0
Channel				502200	518598	534596	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	22.76	22.85	22.70	24.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	22.77	22.80	22.61	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.65	25.76	25.62		
100	PI/2 BPSK	1	137	25.64	25.74	25.68	27.2	0.0
100	PI/2 BPSK	1	271	25.53	25.67	25.54		
100	PI/2 BPSK	135	0	25.18	25.32	25.22	26.7	0.5
100	PI/2 BPSK	135	69	25.71	25.74	25.69	27.2	0.0
100	PI/2 BPSK	135	138	25.18	25.27	25.13	26.7	0.5
100	PI/2 BPSK	270	0	25.30	25.31	25.18		
100	QPSK	1	1	25.78	25.80	25.76		
100	QPSK	1	137	25.70	25.70	25.70	27.2	0.0
100	QPSK	1	271	25.74	25.74	25.74		
100	QPSK	135	0	24.79	24.79	24.79	26.2	1.0
100	QPSK	135	69	25.75	25.78	25.71	27.2	0.0
100	QPSK	135	138	24.66	24.71	24.68		
100	QPSK	270	0	24.74	24.77	24.66	26.2	1.0
100	16QAM	1	1	24.42	24.57	24.56	26.2	1.0
100	64QAM	1	1	23.00	23.03	22.88	24.7	2.5
100	256QAM	1	1	21.55	21.59	21.53	22.7	4.5
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	25.75	25.71	25.76	27.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	25.66	25.67	25.73	27.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	25.72	25.78	25.72	27.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	25.76	25.69	25.65	27.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	25.73	25.66	25.74	27.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	25.71	25.73	25.64	27.2	0.0
Channel				502200	518598	534596	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	25.67	25.69	25.61	27.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	25.66	25.76	25.75	27.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.05	23.15	23.13		
100	PI/2 BPSK	1	137	23.07	23.07	23.26	24.2	0.0
100	PI/2 BPSK	1	271	23.13	23.18	23.15		
100	PI/2 BPSK	135	0	23.04	23.11	23.24	24.2	0.0
100	PI/2 BPSK	135	69	23.09	23.12	23.18	24.2	0.0
100	PI/2 BPSK	135	138	23.03	23.14	23.19	24.2	0.0
100	PI/2 BPSK	270	0	23.13	23.09	23.22		
100	QPSK	1	1	23.13	23.32	23.24		
100	QPSK	1	137	23.10	23.14	23.17	24.2	0.0
100	QPSK	1	271	23.04	23.09	23.16		
100	QPSK	135	0	23.04	23.16	23.15	24.2	0.0
100	QPSK	135	69	23.14	23.18	23.17	24.2	0.0
100	QPSK	135	138	23.05	23.09	23.13		
100	QPSK	270	0	23.10	23.12	23.10	24.2	0.0
100	16QAM	1	1	23.12	23.08	23.17	24.2	0.0
100	64QAM	1	1	23.00	23.12	23.24	24.2	0.0
100	256QAM	1	1	21.85	21.89	21.77	22.7	1.5
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	23.01	23.20	23.22	24.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	23.12	23.18	23.19	24.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	23.01	23.17	23.15	24.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	23.15	23.31	23.16	24.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	23.11	23.23	23.22	24.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	23.11	23.31	23.13	24.2	0.0
Channel				502200	518598	534596	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	23.11	23.17	23.11	24.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	23.11	23.27	23.16	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.32	26.34	26.31		
100	PI/2 BPSK	1	137	25.96	26.04	25.94	27.2	0.0
100	PI/2 BPSK	1	271	26.21	26.33	26.23		
100	PI/2 BPSK	135	0	25.54	25.63	25.54	26.7	0.5
100	PI/2 BPSK	135	69	26.15	26.18	26.07	27.2	0.0
100	PI/2 BPSK	135	138	25.62	25.72	25.58	26.7	0.5
100	PI/2 BPSK	270	0	25.54	25.62	25.51		
100	QPSK	1	1	26.25	26.35	26.29		
100	QPSK	1	137	25.84	25.99	25.93	27.2	0.0
100	QPSK	1	271	26.17	26.25	26.24		
100	QPSK	135	0	25.09	25.10	25.03	26.2	1.0
100	QPSK	135	69	25.96	26.11	26.04	27.2	0.0
100	QPSK	135	138	25.04	25.15	25.08	26.2	1.0
100	QPSK	270	0	25.00	25.05	24.98		
100	16QAM	1	1	24.92	25.01	24.99	26.2	1.0
100	64QAM	1	1	23.37	23.36	23.36	24.7	2.5
100	256QAM	1	1	21.86	21.94	21.87	22.7	4.5
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	26.20	26.24	26.14	27.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	26.24	26.30	26.22	27.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	26.10	26.23	26.14	27.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	26.10	26.22	26.22	27.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	26.24	26.20	26.18	27.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	26.23	26.27	26.21	27.2	0.0
Channel				502200	518598	534596	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	26.23	26.32	26.16	27.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	26.17	26.20	26.23	27.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2548.01	2592.99	2640		
100	Pi/2 BPSK	1	1	20.15	20.09	19.94	21.2	0.0
100	Pi/2 BPSK	1	137	20.33	20.10	20.18		
100	Pi/2 BPSK	1	271	20.31	20.14	20.12		
100	Pi/2 BPSK	135	0	20.30	20.13	20.07	21.2	0.0
100	Pi/2 BPSK	135	69	20.06	19.82	19.74	21.2	0.0
100	Pi/2 BPSK	135	138	20.29	20.15	20.16	21.2	0.0
100	Pi/2 BPSK	270	0	20.27	20.22	20.05		
100	QPSK	1	1	20.30	20.39	20.16	21.2	0.0
100	QPSK	1	137	20.26	20.10	20.15		
100	QPSK	1	271	20.29	20.19	20.09		
100	QPSK	135	0	20.26	20.18	20.07	21.2	0.0
100	QPSK	135	69	20.31	20.35	20.16	21.2	0.0
100	QPSK	135	138	20.21	20.18	20.15	21.2	0.0
100	QPSK	270	0	20.23	20.25	20.11		
100	16QAM	1	1	20.20	20.10	20.20	21.2	0.0
100	64QAM	1	1	20.21	20.23	20.01	21.2	0.0
100	256QAM	1	1	18.92	18.83	18.76	19.7	1.5
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	20.23	20.24	20.02	21.2	0.0
Channel				507204	518598	529992	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	20.28	20.32	20.12	21.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	20.16	20.28	20.02	21.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	20.17	20.33	20.09	21.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	20.28	20.37	20.03	21.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	20.29	20.32	20.12	21.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	20.18	20.24	20.13	21.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	20.23	20.34	20.03	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2548.01	2592.99	2640		
100	Pi/2 BPSK	1	1	23.29	23.14	23.08		
100	Pi/2 BPSK	1	137	22.94	22.82	22.81	24.2	0.0
100	Pi/2 BPSK	1	271	22.95	22.85	22.73		
100	Pi/2 BPSK	135	0	22.50	22.42	22.36	23.7	0.5
100	Pi/2 BPSK	135	69	23.08	22.91	22.83	24.2	0.0
100	Pi/2 BPSK	135	138	22.27	22.19	22.08	23.7	0.5
100	Pi/2 BPSK	270	0	22.33	22.28	22.19		
100	QPSK	1	1	23.40	23.41	22.89		
100	QPSK	1	137	22.81	22.74	22.61	24.2	0.0
100	QPSK	1	271	22.87	22.75	22.73		
100	QPSK	135	0	22.00	21.87	21.86	23.2	1.0
100	QPSK	135	69	22.88	22.89	22.72	24.2	0.0
100	QPSK	135	138	21.71	21.62	21.61	23.2	1.0
100	QPSK	270	0	21.84	21.85	21.57		
100	16QAM	1	1	21.91	21.82	21.69	23.2	1.0
100	64QAM	1	1	20.31	20.25	20.19	21.7	2.5
100	256QAM	1	1	18.92	18.83	18.76	19.7	4.5
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	23.35	22.96	22.84	24.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	23.27	23.06	22.75	24.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	23.32	23.03	22.86	24.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	23.25	22.99	22.84	24.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	23.30	23.06	22.74	24.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	23.26	23.00	22.85	24.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	23.31	23.04	22.80	24.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	23.33	22.98	22.75	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		22.62			
100	Pi/2 BPSK	1	137		22.50		24.2	0.0
100	Pi/2 BPSK	1	271		22.70			
100	Pi/2 BPSK	135	0		21.96		23.7	0.5
100	Pi/2 BPSK	135	69		22.52		24.2	0.0
100	Pi/2 BPSK	135	138		22.09		23.7	0.5
100	Pi/2 BPSK	270	0		22.07			
100	QPSK	1	1		22.75			
100	QPSK	1	137		22.52		24.2	0.0
100	QPSK	1	271		22.56			
100	QPSK	135	0		21.52		23.2	1.0
100	QPSK	135	69		22.54		24.2	0.0
100	QPSK	135	138		21.62		23.2	1.0
100	QPSK	270	0		21.61			
100	16QAM	1	1		21.36		23.2	1.0
100	64QAM	1	1		19.77		21.7	2.5
100	256QAM	1	1		18.39		19.7	4.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	22.71	22.74	22.73	24.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	22.67	22.71	22.60	24.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	22.71	22.62	22.65	24.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.64	22.60	22.72	24.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	22.72	22.73	22.73	24.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.68	22.65	22.64	24.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.61	22.72	22.63	24.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	22.70	22.64	22.62	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3752	3840	3928		
100	Pi/2 BPSK	1	1	22.47	22.57	22.44		
100	Pi/2 BPSK	1	137	22.37	22.42	22.30	24.2	0.0
100	Pi/2 BPSK	1	271	22.55	22.61	22.48		
100	Pi/2 BPSK	135	0	21.81	21.94	21.84	23.7	0.5
100	Pi/2 BPSK	135	69	22.39	22.39	22.29	24.2	0.0
100	Pi/2 BPSK	135	138	21.97	22.01	21.92	23.7	0.5
100	Pi/2 BPSK	270	0	22.02	22.05	21.90		
100	QPSK	1	1	22.63	22.66	22.37		
100	QPSK	1	137	22.50	22.48	22.33	24.2	0.0
100	QPSK	1	271	22.42	22.45	22.33		
100	QPSK	135	0	21.40	21.44	21.36	23.2	1.0
100	QPSK	135	69	22.41	22.51	22.35	24.2	0.0
100	QPSK	135	138	21.49	21.53	21.42	23.2	1.0
100	QPSK	270	0	21.50	21.55	21.38		
100	16QAM	1	1	21.21	21.28	21.22	23.2	1.0
100	64QAM	1	1	19.72	19.76	19.78	21.7	2.5
100	256QAM	1	1	18.28	18.31	18.14	19.7	4.5
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	22.54	22.56	22.24	24.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	22.51	22.60	22.26	24.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	22.60	22.53	22.31	24.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	22.59	22.55	22.31	24.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	22.51	22.61	22.34	24.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	22.48	22.61	22.25	24.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	22.57	22.61	22.36	24.2	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	22.57	22.54	22.33	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		22.05			
100	Pi/2 BPSK	1	137		21.77		23.7	0.0
100	Pi/2 BPSK	1	271		21.83			
100	Pi/2 BPSK	135	0		21.46		23.2	0.5
100	Pi/2 BPSK	135	69		21.81		23.7	0.0
100	Pi/2 BPSK	135	138		21.26		23.2	0.5
100	Pi/2 BPSK	270	0		21.38			
100	QPSK	1	1		22.09		23.7	0.0
100	QPSK	1	137		21.80			
100	QPSK	1	271		21.85			
100	QPSK	135	0		20.99		22.7	1.0
100	QPSK	135	69		21.86		23.7	0.0
100	QPSK	135	138		20.81		22.7	1.0
100	QPSK	270	0		20.95			
100	16QAM	1	1		20.90		22.7	1.0
100	64QAM	1	1		19.30		21.2	2.5
100	256QAM	1	1		17.94		19.2	4.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	22.07	22.08	21.95	23.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	22.03	22.04	22.08	23.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	22.02	22.00	21.94	23.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	21.96	21.94	22.01	23.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	22.00	22.00	21.97	23.7	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.98	21.97	21.96	23.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.96	21.98	22.04	23.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	21.97	21.99	21.97	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	Pi/2 BPSK	1	1	22.12	22.13	22.14		
100	Pi/2 BPSK	1	137	21.85	21.91	21.88	23.7	0.0
100	Pi/2 BPSK	1	271	21.99	21.95	21.99		
100	Pi/2 BPSK	135	0	21.56	21.55	21.55	23.2	0.5
100	Pi/2 BPSK	135	69	21.92	21.93	21.90	23.7	0.0
100	Pi/2 BPSK	135	138	21.45	21.42	21.43	23.2	0.5
100	Pi/2 BPSK	270	0	21.52	21.59	21.47		
100	QPSK	1	1	22.17	22.28	22.21		
100	QPSK	1	137	22.00	22.00	21.89	23.7	0.0
100	QPSK	1	271	22.06	22.02	21.97		
100	QPSK	135	0	21.13	21.18	21.12	22.7	1.0
100	QPSK	135	69	21.94	21.99	21.93	23.7	0.0
100	QPSK	135	138	20.99	21.00	21.01	22.7	1.0
100	QPSK	270	0	21.05	21.16	21.15		
100	16QAM	1	1	20.97	21.03	21.00	22.7	1.0
100	64QAM	1	1	19.46	19.41	19.41	21.2	2.5
100	256QAM	1	1	18.12	18.06	18.04	19.2	4.5
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	22.10	22.15	22.06	23.7	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	22.11	22.10	22.06	23.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	22.00	22.15	22.08	23.7	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	22.11	22.08	22.08	23.7	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	22.03	22.15	22.17	23.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	21.98	22.13	22.17	23.7	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	22.09	22.08	22.11	23.7	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	22.09	22.17	22.11	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		19.53			
100	Pi/2 BPSK	1	137		19.57		20.2	0.0
100	Pi/2 BPSK	1	271		19.56			
100	Pi/2 BPSK	135	0		18.99		19.7	0.5
100	Pi/2 BPSK	135	69		19.57		20.2	0.0
100	Pi/2 BPSK	135	138		19.15		19.7	0.5
100	Pi/2 BPSK	270	0		19.08			
100	QPSK	1	1		19.64		20.2	0.0
100	QPSK	1	137		19.55			
100	QPSK	1	271		19.58			
100	QPSK	135	0		18.55		19.2	1.0
100	QPSK	135	69		19.60		20.2	0.0
100	QPSK	135	138		18.76		19.2	1.0
100	QPSK	270	0		18.65			
100	16QAM	1	1		18.35		19.2	1.0
100	64QAM	1	1		16.80		17.7	2.5
100	256QAM	1	1		15.42		15.7	4.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	19.60	19.58	19.56	20.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	19.59	19.60	19.54	20.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	19.58	19.59	19.51	20.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	19.58	19.55	19.61	20.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	19.63	19.52	19.58	20.2	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	19.56	19.51	19.60	20.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	19.58	19.55	19.51	20.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	19.62	19.60	19.56	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	Pi/2 BPSK	1	1	19.60	19.67	19.41		
100	Pi/2 BPSK	1	137	19.67	19.62	19.35	20.2	0.0
100	Pi/2 BPSK	1	271	19.69	19.72	19.37		
100	Pi/2 BPSK	135	0	19.14	19.18	18.80	19.7	0.5
100	Pi/2 BPSK	135	69	19.66	19.64	19.41	20.2	0.0
100	Pi/2 BPSK	135	138	19.36	19.34	19.01	19.7	0.5
100	Pi/2 BPSK	270	0	19.21	19.26	18.85		
100	QPSK	1	1	19.68	19.69	19.40		
100	QPSK	1	137	19.64	19.64	19.36	20.2	0.0
100	QPSK	1	271	19.74	19.66	19.32		
100	QPSK	135	0	18.61	18.67	18.43	19.2	1.0
100	QPSK	135	69	19.79	19.67	19.35	20.2	0.0
100	QPSK	135	138	18.88	18.85	18.53	19.2	1.0
100	QPSK	270	0	18.83	18.87	18.55		
100	16QAM	1	1	18.50	18.50	18.16	19.2	1.0
100	64QAM	1	1	16.87	16.89	16.61	17.7	2.5
100	256QAM	1	1	15.48	15.60	15.27	15.7	4.5
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	19.83	19.65	19.31	20.2	0.0
Channel				649334	656000	662668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	19.84	19.65	19.28	20.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	19.81	19.71	19.32	20.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	19.75	19.68	19.34	20.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	19.74	19.69	19.34	20.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	19.81	19.68	19.35	20.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	19.75	19.61	19.26	20.2	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	19.82	19.61	19.38	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.70			
100	PI/2 BPSK	1	137		20.83		21.7	0.0
100	PI/2 BPSK	1	271		20.74			
100	PI/2 BPSK	135	0		20.17		21.2	0.5
100	PI/2 BPSK	135	69		20.65		21.7	0.0
100	PI/2 BPSK	135	138		20.18		21.2	0.5
100	PI/2 BPSK	270	0		20.18			
100	QPSK	1	1		20.84		21.7	0.0
100	QPSK	1	137		20.65			
100	QPSK	1	271		20.82			
100	QPSK	135	0		19.71		20.7	1.0
100	QPSK	135	69		20.67		21.7	0.0
100	QPSK	135	138		19.77		20.7	1.0
100	QPSK	270	0		19.76			
100	16QAM	1	1		19.59		20.7	1.0
100	64QAM	1	1		18.61		19.2	2.5
100	256QAM	1	1		16.61		17.2	4.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	20.76	20.78	20.70	21.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	20.80	20.77	20.77	21.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	20.76	20.80	20.74	21.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	20.78	20.69	20.83	21.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.82	20.77	20.80	21.7	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.78	20.80	20.71	21.7	0.0
Channel				631000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	20.75	20.82	20.83	21.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.75	20.79	20.79	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.40	20.34	20.09		
100	PI/2 BPSK	1	137	20.24	20.33	19.99	21.7	0.0
100	PI/2 BPSK	1	271	20.45	20.46	20.11		
100	PI/2 BPSK	135	0	19.81	19.89	19.80	21.2	0.5
100	PI/2 BPSK	135	69	20.30	20.39	20.00	21.7	0.0
100	PI/2 BPSK	135	138	19.89	19.83	19.62	21.2	0.5
100	PI/2 BPSK	270	0	19.86	19.92	19.57		
100	QPSK	1	1	20.56	20.57	19.97		
100	QPSK	1	137	20.26	20.35	19.95	21.7	0.0
100	QPSK	1	271	20.53	20.43	19.92		
100	QPSK	135	0	19.37	19.36	19.08	20.7	1.0
100	QPSK	135	69	20.27	20.28	19.91	21.7	0.0
100	QPSK	135	138	19.49	19.48	19.10	20.7	1.0
100	QPSK	270	0	19.47	19.48	19.11		
100	16QAM	1	1	19.31	19.23	18.96	20.7	1.0
100	64QAM	1	1	17.61	17.67	17.40	19.2	2.5
100	256QAM	1	1	16.34	16.35	15.91	17.2	4.5
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	20.55	20.40	19.88	21.7	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	20.50	20.34	19.94	21.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	20.47	20.34	19.83	21.7	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	20.50	20.39	19.95	21.7	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	20.54	20.32	19.95	21.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	20.47	20.45	19.82	21.7	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	20.55	20.35	19.90	21.7	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	20.52	20.40	19.90	21.7	0.0

0.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.81			
100	PI/2 BPSK	1	137		22.77		24.2	0.0
100	PI/2 BPSK	1	271		22.73			
100	PI/2 BPSK	135	0		22.70		24.2	0.0
100	PI/2 BPSK	135	69		22.81		24.2	0.0
100	PI/2 BPSK	135	138		22.84		24.2	0.0
100	PI/2 BPSK	270	0		22.82			
100	QPSK	1	1		22.85			
100	QPSK	1	137		22.82		24.2	0.0
100	QPSK	1	271		22.81			
100	QPSK	135	0		22.76		24.2	0.0
100	QPSK	135	69		22.77		24.2	0.0
100	QPSK	135	138		22.71		24.2	0.0
100	QPSK	270	0		22.75			
100	16QAM	1	1		22.71		24.2	0.0
100	64QAM	1	1		22.70		24.2	0.0
100	256QAM	1	1		21.29		22.7	1.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	22.84	22.78	22.79	24.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	22.84	22.81	22.80	24.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	22.76	22.80	22.75	24.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.75	22.72	22.74	24.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	22.70	22.77	22.84	24.2	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.80	22.84	22.78	24.2	0.0
Channel				631000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.84	22.83	22.78	24.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	22.71	22.80	22.79	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.56			
100	PI/2 BPSK	1	137		25.50		27.2	0.0
100	PI/2 BPSK	1	271		25.62			
100	PI/2 BPSK	135	0		25.01		26.7	0.5
100	PI/2 BPSK	135	69		25.59		27.2	0.0
100	PI/2 BPSK	135	138		25.15		26.7	0.5
100	PI/2 BPSK	270	0		25.02			
100	QPSK	1	1		25.73			
100	QPSK	1	137		25.44		27.2	0.0
100	QPSK	1	271		25.71			
100	QPSK	135	0		24.49		26.2	1.0
100	QPSK	135	69		25.56		27.2	0.0
100	QPSK	135	138		24.63		26.2	1.0
100	QPSK	270	0		24.52			
100	16QAM	1	1		24.34		26.2	1.0
100	64QAM	1	1		22.87		24.7	2.5
100	256QAM	1	1		21.39		22.7	4.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	25.61	25.63	25.70	27.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	25.59	25.65	25.59	27.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	25.67	25.64	25.65	27.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	25.61	25.68	25.58	27.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	25.70	25.64	25.67	27.2	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	25.62	25.59	25.67	27.2	0.0
Channel				631000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	25.72	25.67	25.65	27.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	25.71	25.66	25.67	27.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		22.68			
100	Pi/2 BPSK	1	137		22.82		24.2	0.0
100	Pi/2 BPSK	1	271		22.79			
100	Pi/2 BPSK	135	0		22.81		24.2	0.0
100	Pi/2 BPSK	135	69		22.73		24.2	0.0
100	Pi/2 BPSK	135	138		22.77		24.2	0.0
100	Pi/2 BPSK	270	0		22.70			
100	QPSK	1	1		22.83		24.2	0.0
100	QPSK	1	137		22.76			
100	QPSK	1	271		22.78			
100	QPSK	135	0		22.76		24.2	0.0
100	QPSK	135	69		22.77		24.2	0.0
100	QPSK	135	138		22.66		24.2	0.0
100	QPSK	270	0		22.76			
100	16QAM	1	1		22.82		24.2	0.0
100	64QAM	1	1		22.80		24.2	0.0
100	256QAM	1	1		21.31		22.7	1.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3746.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	22.79	22.74	22.74	24.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	22.74	22.76	22.82	24.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3736	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.76	22.81	22.73	24.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3733.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	22.73	22.71	22.81	24.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	22.82	22.72	22.68	24.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.75	22.75	22.82	24.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	22.68	22.75	22.81	24.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	22.75	22.69	22.73	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		25.37			
100	Pi/2 BPSK	1	137		25.25		27.2	0.0
100	Pi/2 BPSK	1	271		25.51			
100	Pi/2 BPSK	135	0		24.86		26.7	0.5
100	Pi/2 BPSK	135	69		25.48		27.2	0.0
100	Pi/2 BPSK	135	138		25.02		26.7	0.5
100	Pi/2 BPSK	270	0		24.79			
100	QPSK	1	1		25.59		27.2	0.0
100	QPSK	1	137		25.26			
100	QPSK	1	271		25.56			
100	QPSK	135	0		24.25		26.2	1.0
100	QPSK	135	69		25.38		27.2	0.0
100	QPSK	135	138		24.44		26.2	1.0
100	QPSK	270	0		24.41			
100	16QAM	1	1		24.22		26.2	1.0
100	64QAM	1	1		22.75		24.7	2.5
100	256QAM	1	1		21.25		22.7	4.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3746.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	25.44	25.54	25.44	27.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	25.44	25.52	25.49	27.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3736	3750	3765	(dBm)	(dB)
70	QPSK	1	1	25.45	25.45	25.48	27.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	25.48	25.44	25.46	27.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	25.58	25.57	25.54	27.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	25.46	25.53	25.46	27.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	25.55	25.55	25.45	27.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	25.47	25.54	25.48	27.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		22.08			
100	Pi/2 BPSK	1	137		22.15		23.7	0.0
100	Pi/2 BPSK	1	271		22.12			
100	Pi/2 BPSK	135	0		22.07		23.7	0.0
100	Pi/2 BPSK	135	69		22.10		23.7	0.0
100	Pi/2 BPSK	135	138		22.18		23.7	0.0
100	Pi/2 BPSK	270	0		22.11			
100	QPSK	1	1		22.22		23.7	0.0
100	QPSK	1	137		22.17			
100	QPSK	1	271		22.12			
100	QPSK	135	0		22.08		23.7	0.0
100	QPSK	135	69		22.14		23.7	0.0
100	QPSK	135	138		22.09		23.7	0.0
100	QPSK	270	0		22.02			
100	16QAM	1	1		22.07		23.7	0.0
100	64QAM	1	1		22.08		23.7	0.0
100	256QAM	1	1		20.72		22.2	1.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.98	(dBm)	(dB)
90	QPSK	1	1	22.08	22.15	22.18	23.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	22.12	22.13	22.14	23.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	22.10	22.16	22.18	23.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.16	22.18	22.13	23.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	22.17	22.16	22.20	23.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.18	22.21	22.10	23.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.11	22.07	22.20	23.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		24.97			
100	Pi/2 BPSK	1	137		25.01		26.7	0.0
100	Pi/2 BPSK	1	271		24.99			
100	Pi/2 BPSK	135	0		24.34		26.2	0.5
100	Pi/2 BPSK	135	69		25.10		26.7	0.0
100	Pi/2 BPSK	135	138		24.67		26.2	0.5
100	Pi/2 BPSK	270	0		24.58			
100	QPSK	1	1		25.13		26.7	0.0
100	QPSK	1	137		24.94			
100	QPSK	1	271		25.07			
100	QPSK	135	0		23.90		25.7	1.0
100	QPSK	135	69		24.99		26.7	0.0
100	QPSK	135	138		24.09		25.7	1.0
100	QPSK	270	0		24.02			
100	16QAM	1	1		23.71		25.7	1.0
100	64QAM	1	1		22.27		24.2	2.5
100	256QAM	1	1		20.88		22.2	4.5
Channel					633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)					3495	3499.98	3504.98	(dBm)	(dB)
90	QPSK	1	1		24.99	25.04	25.01	26.7	0.0
Channel					632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)					3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1		25.03	24.99	25.08	26.7	0.0
Channel					632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)					3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1		24.98	25.00	25.02	26.7	0.0
Channel					632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)					3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1		25.12	25.06	25.02	26.7	0.0
Channel					631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)					3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1		25.04	25.04	25.04	26.7	0.0
Channel					631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)					3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1		25.04	25.05	25.08	26.7	0.0
Channel					631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)					3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1		25.04	25.03	25.04	26.7	0.0
Channel					630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)					3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1		25.07	25.04	25.11	26.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		22.23			
100	Pi/2 BPSK	1	137		22.28		23.7	0.0
100	Pi/2 BPSK	1	271		22.19			
100	Pi/2 BPSK	135	0		22.19		23.7	0.0
100	Pi/2 BPSK	135	69		22.24		23.7	0.0
100	Pi/2 BPSK	135	138		22.20		23.7	0.0
100	Pi/2 BPSK	270	0		22.26			
100	QPSK	1	1		22.29		23.7	0.0
100	QPSK	1	137		22.26			
100	QPSK	1	271		22.27			
100	QPSK	135	0		22.20		23.7	0.0
100	QPSK	135	69		22.26		23.7	0.0
100	QPSK	135	138		22.19		23.7	0.0
100	QPSK	270	0		22.15			
100	16QAM	1	1		22.20		23.7	0.0
100	64QAM	1	1		22.23		23.7	0.0
100	256QAM	1	1		20.87		22.2	1.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	22.17	22.14	22.16	23.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	22.23	22.15	22.20	23.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.22	22.22	22.17	23.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	22.14	22.14	22.17	23.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	22.25	22.15	22.17	23.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.17	22.26	22.20	23.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	22.28	22.16	22.27	23.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	22.18	22.14	22.15	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		24.99			
100	Pi/2 BPSK	1	137		25.05		26.7	0.0
100	Pi/2 BPSK	1	271		25.13			
100	Pi/2 BPSK	135	0		24.48		26.2	0.5
100	Pi/2 BPSK	135	69		25.16		26.7	0.0
100	Pi/2 BPSK	135	138		24.74		26.2	0.5
100	Pi/2 BPSK	270	0		24.80			
100	QPSK	1	1		25.17		26.7	0.0
100	QPSK	1	137		25.02			
100	QPSK	1	271		25.08			
100	QPSK	135	0		23.97		25.7	1.0
100	QPSK	135	69		25.12		26.7	0.0
100	QPSK	135	138		24.20		25.7	1.0
100	QPSK	270	0		24.09			
100	16QAM	1	1		23.75		25.7	1.0
100	64QAM	1	1		22.30		24.2	2.5
100	256QAM	1	1		20.82		22.2	4.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	25.14	25.04	25.08	26.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	25.08	25.07	25.07	26.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	25.09	25.13	25.04	26.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	25.08	25.09	25.09	26.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	25.10	25.08	25.09	26.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	25.10	25.10	25.14	26.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	25.05	25.07	25.14	26.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	25.08	25.13	25.08	26.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		19.68			
100	Pi/2 BPSK	1	137		19.72		20.2	0.0
100	Pi/2 BPSK	1	271		19.66			
100	Pi/2 BPSK	135	0		19.68		20.2	0.0
100	Pi/2 BPSK	135	69		19.61		20.2	0.0
100	Pi/2 BPSK	135	138		19.64		20.2	0.0
100	Pi/2 BPSK	270	0		19.67			
100	QPSK	1	1		19.76		20.2	0.0
100	QPSK	1	137		19.70			
100	QPSK	1	271		19.63			
100	QPSK	135	0		19.63		20.2	0.0
100	QPSK	135	69		19.68		20.2	0.0
100	QPSK	135	138		19.62		20.2	0.0
100	QPSK	270	0		19.60			
100	16QAM	1	1		19.66		20.2	0.0
100	64QAM	1	1		19.70		20.2	0.0
100	256QAM	1	1		18.45		18.7	1.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.98	(dBm)	(dB)
90	QPSK	1	1	19.64	19.66	19.70	20.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	19.67	19.63	19.65	20.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	19.70	19.64	19.68	20.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	19.66	19.69	19.68	20.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	19.75	19.69	19.62	20.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	19.64	19.69	19.73	20.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	19.62	19.74	19.63	20.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	19.75	19.81	19.85	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		22.52			
100	Pi/2 BPSK	1	137		22.54		23.2	0.0
100	Pi/2 BPSK	1	271		22.49			
100	Pi/2 BPSK	135	0		22.04		22.7	0.5
100	Pi/2 BPSK	135	69		22.47		23.2	0.0
100	Pi/2 BPSK	135	138		22.30		22.7	0.5
100	Pi/2 BPSK	270	0		22.14			
100	QPSK	1	1		22.60		23.2	0.0
100	QPSK	1	137		22.52			
100	QPSK	1	271		22.55			
100	QPSK	135	0		21.54		22.2	1.0
100	QPSK	135	69		22.56		23.2	0.0
100	QPSK	135	138		21.81		22.2	1.0
100	QPSK	270	0		21.86			
100	16QAM	1	1		21.31		22.2	1.0
100	64QAM	1	1		19.89		20.7	2.5
100	256QAM	1	1		18.39		18.7	4.5
Channel					633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)					3495	3499.98	3504.98	(dBm)	(dB)
90	QPSK	1	1		22.49	22.50	22.48	23.2	0.0
Channel					632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)					3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1		22.47	22.59	22.52	23.2	0.0
Channel					632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)					3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1		22.52	22.47	22.49	23.2	0.0
Channel					632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)					3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1		22.58	22.58	22.56	23.2	0.0
Channel					631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)					3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1		22.57	22.49	22.51	23.2	0.0
Channel					631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)					3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1		22.49	22.49	22.46	23.2	0.0
Channel					631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)					3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1		22.46	22.59	22.59	23.2	0.0
Channel					630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)					3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1		22.48	22.55	22.51	23.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.75			
100	PI/2 BPSK	1	137		19.87		20.2	0.0
100	PI/2 BPSK	1	271		19.69			
100	PI/2 BPSK	135	0		19.76		20.2	0.0
100	PI/2 BPSK	135	69		19.75		20.2	0.0
100	PI/2 BPSK	135	138		19.75		20.2	0.0
100	PI/2 BPSK	270	0		19.79			
100	QPSK	1	1		19.89		20.2	0.0
100	QPSK	1	137		19.81			
100	QPSK	1	271		19.76			
100	QPSK	135	0		19.70		20.2	0.0
100	QPSK	135	69		19.85		20.2	0.0
100	QPSK	135	138		19.72		20.2	0.0
100	QPSK	270	0		19.73		20.2	0.0
100	16QAM	1	1		19.78		20.2	0.0
100	64QAM	1	1		19.85		20.2	0.0
100	256QAM	1	1		18.50		18.7	1.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3749.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	19.78	19.75	19.84	20.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	19.84	19.80	19.76	20.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3730	3750	3765	(dBm)	(dB)
70	QPSK	1	1	19.80	19.84	19.81	20.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	19.82	19.77	19.75	20.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	19.85	19.74	19.88	20.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	19.76	19.79	19.79	20.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	19.88	19.85	19.79	20.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	19.79	19.87	19.77	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.58			
100	PI/2 BPSK	1	137		22.72		23.2	0.0
100	PI/2 BPSK	1	271		22.55			
100	PI/2 BPSK	135	0		22.20		22.7	0.5
100	PI/2 BPSK	135	69		22.54		23.2	0.0
100	PI/2 BPSK	135	138		22.37		22.7	0.5
100	PI/2 BPSK	270	0		22.32			
100	QPSK	1	1		22.85		23.2	0.0
100	QPSK	1	137		22.63			
100	QPSK	1	271		22.73			
100	QPSK	135	0		21.69		22.2	1.0
100	QPSK	135	69		22.67		23.2	0.0
100	QPSK	135	138		21.92		22.2	1.0
100	QPSK	270	0		21.84			
100	16QAM	1	1		21.39		22.2	1.0
100	64QAM	1	1		19.95		20.7	2.5
100	256QAM	1	1		18.55		18.7	4.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3749.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	22.71	22.80	22.81	23.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	22.71	22.76	22.83	23.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3730	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.76	22.70	22.76	23.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	22.72	22.80	22.72	23.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	22.71	22.83	22.84	23.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.80	22.72	22.78	23.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	22.71	22.70	22.77	23.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	22.81	22.72	22.78	23.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.69			
100	PI/2 BPSK	1	137		20.78		21.7	0.0
100	PI/2 BPSK	1	271		20.77			
100	PI/2 BPSK	135	0		20.72		21.7	0.0
100	PI/2 BPSK	135	69		20.70		21.7	0.0
100	PI/2 BPSK	135	138		20.72		21.7	0.0
100	PI/2 BPSK	270	0		20.76			
100	QPSK	1	1		20.79		21.7	0.0
100	QPSK	1	137		20.74			
100	QPSK	1	271		20.73			
100	QPSK	135	0		20.70		21.7	0.0
100	QPSK	135	69		20.75		21.7	0.0
100	QPSK	135	138		20.70		21.7	0.0
100	QPSK	270	0		20.71			
100	16QAM	1	1		20.69		21.7	0.0
100	64QAM	1	1		20.71		21.7	0.0
100	256QAM	1	1		19.67		20.7	1.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.98	(dBm)	(dB)
90	QPSK	1	1	20.73	20.73	20.66	21.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	20.76	20.73	20.72	21.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	20.74	20.76	20.78	21.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	20.70	20.72	20.76	21.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.71	20.65	20.64	21.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.67	20.65	20.69	21.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	20.77	20.74	20.76	21.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.76	20.70	20.69	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.79			
100	PI/2 BPSK	1	137		22.63		23.7	0.0
100	PI/2 BPSK	1	271		22.80			
100	PI/2 BPSK	135	0		22.72		23.7	0.0
100	PI/2 BPSK	135	69		22.73		23.7	0.0
100	PI/2 BPSK	135	138		22.75		23.7	0.0
100	PI/2 BPSK	270	0		22.71			
100	QPSK	1	1		22.89		23.7	0.0
100	QPSK	1	137		22.59			
100	QPSK	1	271		22.80			
100	QPSK	135	0		22.70		23.7	0.0
100	QPSK	135	69		22.82		23.7	0.0
100	QPSK	135	138		22.78		23.7	0.0
100	QPSK	270	0		22.72			
100	16QAM	1	1		22.54		23.7	0.0
100	64QAM	1	1		21.11		22.2	1.5
100	256QAM	1	1		19.63		20.2	3.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.98	(dBm)	(dB)
90	QPSK	1	1	22.86	22.81	22.79	23.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	22.85	22.77	22.82	23.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	22.89	22.75	22.75	23.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.80	22.80	22.88	23.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	22.78	22.85	22.78	23.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.80	22.83	22.80	23.7	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.88	22.83	22.74	23.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	22.87	22.88	22.74	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.64			
100	PI/2 BPSK	1	137		20.88		21.7	0.0
100	PI/2 BPSK	1	271		20.70			
100	PI/2 BPSK	135	0		20.60		21.7	0.0
100	PI/2 BPSK	135	69		20.65		21.7	0.0
100	PI/2 BPSK	135	138		20.68			
100	PI/2 BPSK	270	0		20.64		21.7	0.0
100	QPSK	1	1		20.72			
100	QPSK	1	137		20.65		21.7	0.0
100	QPSK	1	271		20.62			
100	QPSK	135	0		20.57		21.7	0.0
100	QPSK	135	69		20.61		21.7	0.0
100	QPSK	135	138		20.59		21.7	0.0
100	QPSK	270	0		20.58			
100	16QAM	1	1		20.65		21.7	0.0
100	64QAM	1	1		20.62		21.7	0.0
100	256QAM	1	1		19.64		20.7	1.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	20.57	20.70	20.58	21.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	20.59	20.70	20.60	21.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	20.57	20.57	20.69	21.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	20.71	20.60	20.59	21.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	20.69	20.69	20.68	21.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.67	20.69	20.67	21.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	20.71	20.69	20.66	21.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	20.60	20.64	20.67	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.54			
100	PI/2 BPSK	1	137		22.39		23.7	0.0
100	PI/2 BPSK	1	271		22.58			
100	PI/2 BPSK	135	0		22.37		23.7	0.0
100	PI/2 BPSK	135	69		22.39		23.7	0.0
100	PI/2 BPSK	135	138		22.47		23.7	0.0
100	PI/2 BPSK	270	0		22.48			
100	QPSK	1	1		22.60			
100	QPSK	1	137		22.24		23.7	0.0
100	QPSK	1	271		22.53			
100	QPSK	135	0		22.44		23.7	0.0
100	QPSK	135	69		22.54		23.7	0.0
100	QPSK	135	138		22.52		23.7	0.0
100	QPSK	270	0		22.46			
100	16QAM	1	1		22.19		23.7	0.0
100	64QAM	1	1		20.88		22.2	1.5
100	256QAM	1	1		19.36		20.2	3.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	22.51	22.59	22.49	23.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	22.45	22.46	22.53	23.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.58	22.50	22.47	23.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	22.55	22.58	22.59	23.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	22.56	22.50	22.46	23.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.47	22.46	22.58	23.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	22.51	22.50	22.47	23.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	22.51	22.58	22.50	23.7	0.0

Reduced Power Mode for ECI3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.64	20.79	20.83	22.3	0.0
20	PI/2 BPSK	1	53	20.60	20.77	20.77		
20	PI/2 BPSK	1	104	20.70	20.73	20.78		
20	PI/2 BPSK	50	0	20.69	20.77	20.78	22.3	0.0
20	PI/2 BPSK	50	28	20.69	20.68	20.79	22.3	0.0
20	PI/2 BPSK	50	56	20.65	20.68	20.77	22.3	0.0
20	PI/2 BPSK	100	0	20.69	20.68	20.82		
20	QPSK	1	1	20.74	20.84	20.83	22.3	0.0
20	QPSK	1	53	20.73	20.79	20.78		
20	QPSK	1	104	20.60	20.72	20.82		
20	QPSK	50	0	20.70	20.79	20.72	22.3	0.0
20	QPSK	50	28	20.71	20.81	20.79	22.3	0.0
20	QPSK	50	56	20.63	20.69	20.75	22.3	0.0
20	QPSK	100	0	20.60	20.77	20.75		
20	16QAM	1	1	20.66	20.75	20.75	22.3	0.0
20	64QAM	1	1	19.64	19.72	19.63	21.3	1.0
20	256QAM	1	1	18.15	18.25	18.11	19.3	3.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.59	20.79	20.89	22.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.61	20.78	20.74	22.3	0.0
Channel				370750	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.72	20.80	20.70	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.71	22.80	22.73	23.8	0.0
20	PI/2 BPSK	1	53	22.69	22.73	22.60		
20	PI/2 BPSK	1	104	22.77	22.78	22.71		
20	PI/2 BPSK	50	0	22.11	22.22	22.12	23.3	0.5
20	PI/2 BPSK	50	28	22.60	22.73	22.71	23.8	0.0
20	PI/2 BPSK	50	56	22.13	22.20	22.06	23.3	0.5
20	PI/2 BPSK	100	0	22.19	22.23	22.22		
20	QPSK	1	1	22.76	22.81	22.73	23.8	0.0
20	QPSK	1	53	22.81	22.75	22.63		
20	QPSK	1	104	22.75	22.76	22.61		
20	QPSK	50	0	21.72	21.74	21.71	22.8	1.0
20	QPSK	50	28	22.69	22.72	22.62	23.8	0.0
20	QPSK	50	56	21.64	21.70	21.58	22.8	1.0
20	QPSK	100	0	21.60	21.75	21.60		
20	16QAM	1	1	21.55	21.56	21.54	22.8	1.0
20	64QAM	1	1	20.06	20.14	20.06	21.3	2.5
20	256QAM	1	1	18.55	18.68	18.60	19.3	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.67	22.71	22.62	23.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.75	22.78	22.72	23.8	0.0
Channel				370750	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.67	22.75	22.68	23.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.52	20.53	20.38	21.8	0.0
20	PI/2 BPSK	1	53	20.39	20.46	20.33		
20	PI/2 BPSK	1	104	20.30	20.38	20.38		
20	PI/2 BPSK	50	0	19.39	19.43	19.38	21.3	0.5
20	PI/2 BPSK	50	28	20.39	20.32	20.39	21.8	0.0
20	PI/2 BPSK	50	56	19.39	19.38	19.37	21.3	0.5
20	PI/2 BPSK	100	0	19.34	19.41	19.44		
20	QPSK	1	1	20.57	20.61	20.53	21.8	0.0
20	QPSK	1	53	20.45	20.50	20.40		
20	QPSK	1	104	20.32	20.47	20.45		
20	QPSK	50	0	19.33	19.48	19.42	20.8	1.0
20	QPSK	50	28	20.41	20.46	20.42	21.8	0.0
20	QPSK	50	56	19.31	19.43	19.32	20.8	1.0
20	QPSK	100	0	19.38	19.47	19.36		
20	16QAM	1	1	19.31	19.39	19.30	20.8	1.0
20	64QAM	1	1	17.74	17.85	17.75	19.3	2.5
20	256QAM	1	1	16.33	16.47	16.34	17.3	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.54	20.52	20.38	21.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.53	20.57	20.48	21.8	0.0
Channel				370750	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.42	20.46	20.51	21.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.80	21.76	21.76	23.0	0.0
20	PI/2 BPSK	1	53	21.79	21.86	21.78		
20	PI/2 BPSK	1	104	21.74	21.85	21.86		
20	PI/2 BPSK	50	0	21.75	21.79	21.81	23.0	0.0
20	PI/2 BPSK	50	28	21.76	21.79	21.76	23.0	0.0
20	PI/2 BPSK	50	56	21.72	21.78	21.75	23.0	0.0
20	PI/2 BPSK	100	0	21.66	21.88	21.77		
20	QPSK	1	1	21.81	21.91	21.80	23.0	0.0
20	QPSK	1	53	21.76	21.76	21.82		
20	QPSK	1	104	21.80	21.85	21.78		
20	QPSK	50	0	21.70	21.84	21.80	23.0	0.0
20	QPSK	50	28	21.79	21.87	21.87	23.0	0.0
20	QPSK	50	56	21.83	21.80	21.80	23.0	0.0
20	QPSK	100	0	21.68	21.85	21.80		
20	16QAM	1	1	21.70	21.90	21.85	23.0	0.0
20	64QAM	1	1	21.23	21.30	21.28	22.5	0.5
20	256QAM	1	1	19.82	19.85	19.79	20.5	2.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.74	21.88	21.75	23.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.68	21.78	21.77	23.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.80	21.87	21.84	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.94	22.06	21.91		
20	PI/2 BPSK	1	53	21.87	22.01	21.92	23.5	0.0
20	PI/2 BPSK	1	104	21.96	22.06	21.90		
20	PI/2 BPSK	50	0	21.88	22.07	21.93	23.5	0.0
20	PI/2 BPSK	50	28	21.95	21.98	21.97	23.5	0.0
20	PI/2 BPSK	50	56	21.90	21.98	21.96	23.5	0.0
20	PI/2 BPSK	100	0	21.88	22.04	21.96		
20	QPSK	1	1	22.01	22.09	22.00		
20	QPSK	1	53	21.93	22.08	21.98	23.5	0.0
20	QPSK	1	104	21.89	21.98	21.94		
20	QPSK	50	0	21.93	22.07	21.95	23.5	0.0
20	QPSK	50	28	21.95	22.08	21.98	23.5	0.0
20	QPSK	50	56	21.81	22.06	21.96	23.5	0.0
20	QPSK	100	0	21.93	22.05	21.92		
20	16QAM	1	1	22.00	21.99	21.97	23.5	0.0
20	64QAM	1	1	20.25	20.35	20.32	22.0	1.5
20	256QAM	1	1	18.83	18.92	18.91	20.0	3.5
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	21.96	21.97	21.96	23.5	0.0
Channel				166800	167300	167800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	22.00	21.99	21.90	23.5	0.0
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	21.91	22.01	21.98	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	20.30	20.34	20.29		
40	PI/2 BPSK	1	108	20.22	20.45	20.29	22.0	0.0
40	PI/2 BPSK	1	214	20.24	20.47	20.34		
40	PI/2 BPSK	108	0	20.29	20.36	20.24	22.0	0.0
40	PI/2 BPSK	108	54	20.28	20.42	20.29	22.0	0.0
40	PI/2 BPSK	108	108	20.19	20.45	20.24		
40	PI/2 BPSK	216	0	20.21	20.43	20.34	22.0	0.0
40	QPSK	1	1	20.33	20.49	20.37		
40	QPSK	1	108	20.30	20.36	20.29	22.0	0.0
40	QPSK	1	214	20.18	20.42	20.30		
40	QPSK	108	0	20.21	20.34	20.23	22.0	0.0
40	QPSK	108	54	20.28	20.47	20.29	22.0	0.0
40	QPSK	108	108	20.16	20.46	20.22	22.0	0.0
40	QPSK	216	0	20.21	20.41	20.23		
40	16QAM	1	1	20.27	20.40	20.34	22.0	0.0
40	64QAM	1	1	20.32	20.43	20.36	22.0	0.0
40	256QAM	1	1	19.12	19.15	19.11	20.5	1.5
Channel				503600	507000	510400	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	20.23	20.34	20.35	22.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	20.22	20.36	20.27	22.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	1	20.26	20.45	20.31	22.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	20.30	20.46	20.35	22.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	20.32	20.40	20.35	22.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	20.24	20.35	20.23	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.14	22.21	22.13		
40	PI/2 BPSK	1	108	22.23	22.27	22.07	23.5	0.0
40	PI/2 BPSK	1	214	22.26	22.31	22.17		
40	PI/2 BPSK	108	0	22.17	22.25	22.16	23.5	0.0
40	PI/2 BPSK	108	54	22.12	22.28	22.15	23.5	0.0
40	PI/2 BPSK	108	108	22.13	22.24	22.10	23.5	0.0
40	PI/2 BPSK	216	0	22.25	22.21	22.16		
40	QPSK	1	1	22.27	22.33	22.16		
40	QPSK	1	108	22.16	22.25	22.10	23.5	0.0
40	QPSK	1	214	22.23	22.22	22.13		
40	QPSK	108	0	22.18	22.19	22.11	23.5	0.0
40	QPSK	108	54	22.23	22.28	22.18	23.5	0.0
40	QPSK	108	108	22.16	22.18	22.11		
40	QPSK	216	0	22.19	22.24	22.09	23.5	0.0
40	16QAM	1	1	22.23	22.20	22.07	23.5	0.0
40	64QAM	1	1	20.96	21.05	20.98	22.5	1.0
40	256QAM	1	1	19.59	19.62	19.52	20.5	3.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	22.19	22.28	22.09	23.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	22.17	22.27	22.12	23.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	1	22.25	22.18	22.05	23.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	22.20	22.25	22.17	23.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	22.19	22.28	22.13	23.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	22.14	22.27	22.08	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	20.70	20.83	20.62		
40	PI/2 BPSK	1	108	20.69	20.73	20.69	22.0	0.0
40	PI/2 BPSK	1	214	20.73	20.75	20.73		
40	PI/2 BPSK	108	0	20.24	20.34	20.31	21.5	0.5
40	PI/2 BPSK	108	54	20.77	20.78	20.63	22.0	0.0
40	PI/2 BPSK	108	108	20.23	20.26	20.18	21.5	0.5
40	PI/2 BPSK	216	0	20.14	20.29	20.27		
40	QPSK	1	1	20.93	20.94	20.78		
40	QPSK	1	108	20.56	20.70	20.68	22.0	0.0
40	QPSK	1	214	20.71	20.73	20.68		
40	QPSK	108	0	19.77	19.82	19.70	21.0	1.0
40	QPSK	108	54	20.64	20.76	20.68	22.0	0.0
40	QPSK	108	108	19.66	19.73	19.60	21.0	1.0
40	QPSK	216	0	19.72	19.77	19.73		
40	16QAM	1	1	19.45	19.60	19.56	21.0	1.0
40	64QAM	1	1	18.13	18.16	18.08	19.5	2.5
40	256QAM	1	1	16.70	16.72	16.69	17.5	4.5
Channel				503600	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	20.82	20.75	20.76	22.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	20.88	20.81	20.68	22.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	1	20.92	20.74	20.65	22.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	20.84	20.70	20.65	22.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	20.81	20.81	20.72	22.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	20.89	20.69	20.66	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.82	22.93	22.81	23.8	0.0
15	PI/2 BPSK	1	40	22.87	22.92	22.91		
15	PI/2 BPSK	1	77	22.72	22.88	22.75		
15	PI/2 BPSK	36	0	22.43	22.45	22.42	23.3	0.5
15	PI/2 BPSK	36	22	22.92	22.95	22.82	23.8	0.0
15	PI/2 BPSK	36	43	22.35	22.40	22.27	23.3	0.5
15	PI/2 BPSK	75	0	22.42	22.46	22.38		
15	QPSK	1	1	22.95	22.99	22.92	23.8	0.0
15	QPSK	1	40	22.90	22.94	22.85		
15	QPSK	1	77	22.80	22.86	22.76		
15	QPSK	36	0	21.92	21.93	21.90	22.8	1.0
15	QPSK	36	22	22.90	22.97	22.91	23.8	0.0
15	QPSK	36	43	21.79	21.91	21.82	22.8	1.0
15	QPSK	75	0	21.89	21.95	21.86		
15	16QAM	1	1	21.59	21.69	21.68	22.8	1.0
15	64QAM	1	1	20.13	20.23	20.11	21.3	2.5
	256QAM	1	1	18.73	18.81	18.70	19.3	4.5
Channel				140800	141500	142200	Tune-up limit	MPR
Frequency (MHz)				704	707.5	711	(dBm)	(dB)
10	QPSK	1	1	22.86	22.90	22.89	23.8	0.0
Channel				140300	141500	142700	Tune-up limit	MPR
Frequency (MHz)				701.5	707.5	713.5	(dBm)	(dB)
5	QPSK	1	1	22.83	22.91	22.91	23.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.20	22.21	22.18	22.8	0.0
15	PI/2 BPSK	1	40	22.13	22.23	22.14		
15	PI/2 BPSK	1	77	22.08	22.15	22.07		
15	PI/2 BPSK	36	0	21.68	21.78	21.65	22.3	0.5
15	PI/2 BPSK	36	22	22.20	22.26	22.20	22.8	0.0
15	PI/2 BPSK	36	43	21.71	21.74	21.65	22.3	0.5
15	PI/2 BPSK	75	0	21.82	21.77	21.73		
15	QPSK	1	1	22.25	22.29	22.20	22.8	0.0
15	QPSK	1	40	22.17	22.24	22.12		
15	QPSK	1	77	22.05	22.12	21.97		
15	QPSK	36	0	21.21	21.25	21.16	21.8	1.0
15	QPSK	36	22	22.19	22.25	22.19	22.8	0.0
15	QPSK	36	43	21.12	21.23	21.20	21.8	1.0
15	QPSK	75	0	21.16	21.26	21.23		
15	16QAM	1	1	20.84	20.99	20.96	21.8	1.0
15	64QAM	1	1	19.49	19.54	19.50	20.3	2.5
	256QAM	1	1	17.99	18.12	18.05	18.3	4.5
Channel				140800	141500	142200	Tune-up limit	MPR
Frequency (MHz)				704	707.5	711	(dBm)	(dB)
10	QPSK	1	1	22.10	22.18	22.13	22.8	0.0
Channel				140300	141500	142700	Tune-up limit	MPR
Frequency (MHz)				701.5	707.5	713.5	(dBm)	(dB)
5	QPSK	1	1	22.23	22.22	22.14	22.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.73	21.85	21.81	23.0	0.0
20	PI/2 BPSK	1	53	21.84	21.83	21.78		
20	PI/2 BPSK	1	104	21.79	21.86	21.73		
20	PI/2 BPSK	50	0	21.76	21.97	21.73	23.0	0.0
20	PI/2 BPSK	50	28	21.73	21.89	21.79	23.0	0.0
20	PI/2 BPSK	50	56	21.76	21.87	21.77	23.0	0.0
20	PI/2 BPSK	100	0	21.83	21.87	21.72		
20	QPSK	1	1	21.86	21.98	21.83	23.0	0.0
20	QPSK	1	53	21.74	21.83	21.82		
20	QPSK	1	104	21.72	21.97	21.75		
20	QPSK	50	0	21.70	21.78	21.70	23.0	0.0
20	QPSK	50	28	21.83	21.93	21.80	23.0	0.0
20	QPSK	50	56	21.71	21.84	21.73	23.0	0.0
20	QPSK	100	0	21.75	21.86	21.79		
20	16QAM	1	1	21.81	21.89	21.75	23.0	0.0
20	64QAM	1	1	21.26	21.29	21.23	22.5	0.5
20	256QAM	1	1	19.68	19.83	19.89	20.5	2.5
Channel				164300	166300	168300	Tune-up limit	MPR
Frequency (MHz)				821.5	831.5	841.5	(dBm)	(dB)
15	QPSK	1	1	21.71	21.83	21.81	23.0	0.0
Channel				163800	166300	168800	Tune-up limit	MPR
Frequency (MHz)				819	831.5	844	(dBm)	(dB)
10	QPSK	1	1	21.85	21.87	21.70	23.0	0.0
Channel				163300	166300	169300	Tune-up limit	MPR
Frequency (MHz)				816.5	831.5	846.5	(dBm)	(dB)
5	QPSK	1	1	21.81	21.84	21.82	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.86	22.03	21.96	23.5	0.0
20	PI/2 BPSK	1	53	21.81	22.00	22.03		
20	PI/2 BPSK	1	104	21.77	22.02	22.08		
20	PI/2 BPSK	50	0	21.86	21.98	22.08	23.5	0.0
20	PI/2 BPSK	50	28	21.82	22.03	22.08	23.5	0.0
20	PI/2 BPSK	50	56	21.85	21.96	22.06	23.5	0.0
20	PI/2 BPSK	100	0	21.81	22.10	21.99		
20	QPSK	1	1	21.91	22.11	22.10	23.5	0.0
20	QPSK	1	53	21.85	22.04	22.02		
20	QPSK	1	104	21.77	22.00	22.06		
20	QPSK	50	0	21.75	22.02	21.99	23.5	0.0
20	QPSK	50	28	21.89	22.07	22.06	23.5	0.0
20	QPSK	50	56	21.87	21.96	21.82	23.5	0.0
20	QPSK	100	0	21.91	21.96	21.95		
20	16QAM	1	1	21.75	21.76	21.71	23.5	0.0
20	64QAM	1	1	20.31	20.36	20.31	22.0	1.5
20	256QAM	1	1	18.83	18.93	18.88	20.0	3.5
Channel				164300	166300	168300	Tune-up limit	MPR
Frequency (MHz)				821.5	831.5	841.5	(dBm)	(dB)
15	QPSK	1	1	21.78	22.10	21.95	23.5	0.0
Channel				163800	166300	168800	Tune-up limit	MPR
Frequency (MHz)				819	831.5	844	(dBm)	(dB)
10	QPSK	1	1	21.76	21.98	21.98	23.5	0.0
Channel				163300	166300	169300	Tune-up limit	MPR
Frequency (MHz)				816.5	831.5	846.5	(dBm)	(dB)
5	QPSK	1	1	21.80	22.05	22.04	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	21.29	21.48	21.36	23.0	0.0
40	Pi/2 BPSK	1	108	21.27	21.36	21.28		
40	Pi/2 BPSK	1	214	21.35	21.36	21.29		
40	Pi/2 BPSK	108	0	21.38	21.43	21.30	23.0	0.0
40	Pi/2 BPSK	108	54	21.29	21.41	21.26		
40	Pi/2 BPSK	108	108	21.29	21.40	21.28		
40	Pi/2 BPSK	216	0	21.34	21.36	21.37	23.0	0.0
40	QPSK	1	1	21.42	21.51	21.30		
40	QPSK	1	108	21.31	21.47	21.32	23.0	0.0
40	QPSK	1	214	21.33	21.48	21.25		
40	QPSK	108	0	21.28	21.41	21.26	23.0	0.0
40	QPSK	108	54	21.36	21.47	21.36	23.0	0.0
40	QPSK	108	108	21.28	21.46	21.30	23.0	0.0
40	QPSK	216	0	21.29	21.42	21.31		
40	16QAM	1	1	21.40	21.39	21.24	23.0	0.0
40	64QAM	1	1	20.78	20.84	20.76	22.5	0.5
40	256QAM	1	1	19.30	19.42	19.34	20.5	2.5
Channel				345500	346500	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.28	21.38	21.26	23.0	0.0
Channel				344000	346000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.40	21.49	21.31	23.0	0.0
Channel				343500	345000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.35	21.45	21.24	23.0	0.0
Channel				343000	345000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.40	21.42	21.28	23.0	0.0
Channel				342500	345000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.36	21.44	21.37	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	22.26	22.30	22.25	23.5	0.0
40	Pi/2 BPSK	1	108	22.27	22.27	22.18		
40	Pi/2 BPSK	1	214	22.19	22.31	22.23		
40	Pi/2 BPSK	108	0	22.22	22.32	22.20	23.5	0.0
40	Pi/2 BPSK	108	54	22.17	22.23	22.30		
40	Pi/2 BPSK	108	108	22.27	22.29	22.26	23.5	0.0
40	Pi/2 BPSK	216	0	22.29	22.34	22.31		
40	QPSK	1	1	22.30	22.36	22.32		
40	QPSK	1	108	22.29	22.28	22.18	23.5	0.0
40	QPSK	1	214	22.19	22.35	22.26		
40	QPSK	108	0	22.21	22.29	22.27	23.5	0.0
40	QPSK	108	54	22.22	22.34	22.28	23.5	0.0
40	QPSK	108	108	22.19	22.28	22.18		
40	QPSK	216	0	22.18	22.30	22.27	23.5	0.0
40	16QAM	1	1	22.28	22.23	22.26	23.5	0.0
40	64QAM	1	1	21.07	21.14	21.02	22.5	1.0
40	256QAM	1	1	19.62	19.76	19.64	20.5	3.0
Channel				345500	346500	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.26	22.30	22.29	23.5	0.0
Channel				344000	346000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.23	22.28	22.25	23.5	0.0
Channel				343500	345000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.15	22.29	22.20	23.5	0.0
Channel				343000	345000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.26	22.21	22.20	23.5	0.0
Channel				342500	345000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.19	22.23	22.17	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	21.62	21.77	21.66	23.5	0.0
40	Pi/2 BPSK	1	108	21.61	21.66	21.54		
40	Pi/2 BPSK	1	214	21.62	21.74	21.69		
40	Pi/2 BPSK	108	0	21.00	21.14	21.03	23.0	0.5
40	Pi/2 BPSK	108	54	21.55	21.68	21.60	23.5	0.0
40	Pi/2 BPSK	108	108	21.09	21.12	21.02	23.0	0.5
40	Pi/2 BPSK	216	0	21.07	21.14	21.11		
40	QPSK	1	1	21.80	21.86	21.82		
40	QPSK	1	108	21.58	21.66	21.53	23.5	0.0
40	QPSK	1	214	21.59	21.72	21.70		
40	QPSK	108	0	20.59	20.63	20.62	22.5	1.0
40	QPSK	108	54	21.62	21.68	21.64	23.5	0.0
40	QPSK	108	108	20.57	20.71	20.70	22.5	1.0
40	QPSK	216	0	20.66	20.72	20.59		
40	16QAM	1	1	20.52	20.62	20.52	22.5	1.0
40	64QAM	1	1	19.07	19.20	19.13	21.0	2.5
40	256QAM	1	1	17.75	17.79	17.78	19.0	4.5
Channel				345500	346500	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.74	21.81	21.69	23.5	0.0
Channel				344000	346000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.68	21.82	21.74	23.5	0.0
Channel				343500	345000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.74	21.85	21.77	23.5	0.0
Channel				343000	345000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.66	21.80	21.70	23.5	0.0
Channel				342500	345000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.75	21.78	21.67	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.46	20.48	20.42	22.0	0.0
40	PI/2 BPSK	1	53	20.34	20.50	20.43		
40	PI/2 BPSK	1	104	20.43	20.53	20.40		
40	PI/2 BPSK	50	0	20.46	20.42	20.35	22.0	0.0
40	PI/2 BPSK	50	28	20.33	20.41	20.35	22.0	0.0
40	PI/2 BPSK	50	56	20.35	20.41	20.35		
40	PI/2 BPSK	100	0	20.43	20.53	20.37	22.0	0.0
40	QPSK	1	1	20.47	20.54	20.45	22.0	0.0
40	QPSK	1	53	20.42	20.45	20.38		
40	QPSK	1	104	20.35	20.47	20.39		
40	QPSK	50	0	20.45	20.44	20.36	22.0	0.0
40	QPSK	50	28	20.48	20.48	20.37	22.0	0.0
40	QPSK	50	56	20.36	20.35	20.29	22.0	0.0
40	QPSK	100	0	20.41	20.42	20.33		
40	16QAM	1	1	20.37	20.50	20.35	22.0	0.0
40	64QAM	1	1	20.41	20.40	20.42	22.0	0.0
40	256QAM	1	1	19.32	19.37	19.22	20.5	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.32	20.49	20.42	22.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.38	20.40	20.43	22.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.44	20.41	20.35	22.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.46	20.51	20.35	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.16	22.40	22.36	23.5	0.0
40	PI/2 BPSK	1	53	22.18	22.41	22.30		
40	PI/2 BPSK	1	104	22.19	22.29	22.30		
40	PI/2 BPSK	50	0	22.21	22.33	22.33	23.5	0.0
40	PI/2 BPSK	50	28	22.14	22.28	22.26	23.5	0.0
40	PI/2 BPSK	50	56	22.18	22.36	22.24		
40	PI/2 BPSK	100	0	22.18	22.28	22.30	23.5	0.0
40	QPSK	1	1	22.24	22.43	22.39	23.5	0.0
40	QPSK	1	53	22.09	22.28	22.24		
40	QPSK	1	104	22.17	22.42	22.30		
40	QPSK	50	0	22.21	22.25	22.19	23.5	0.0
40	QPSK	50	28	22.22	22.36	22.33	23.5	0.0
40	QPSK	50	56	22.08	22.22	22.31		
40	QPSK	100	0	22.16	22.34	22.25	23.5	0.0
40	16QAM	1	1	22.20	22.42	22.32	23.5	0.0
40	64QAM	1	1	21.06	21.15	21.14	22.5	1.0
40	256QAM	1	1	19.64	19.71	19.58	20.5	3.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.23	22.35	22.31	23.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.10	22.37	22.33	23.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.22	22.38	22.37	23.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.11	22.42	22.32	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.67	20.68	20.58	22.0	0.0
40	PI/2 BPSK	1	53	20.44	20.56	20.52		
40	PI/2 BPSK	1	104	20.45	20.50	20.49		
40	PI/2 BPSK	50	0	20.03	20.04	19.95	21.5	0.5
40	PI/2 BPSK	50	28	20.39	20.49	20.40	22.0	0.0
40	PI/2 BPSK	50	56	19.94	19.92	19.78	21.5	0.5
40	PI/2 BPSK	100	0	19.89	19.97	19.89		
40	QPSK	1	1	20.60	20.69	20.59	22.0	0.0
40	QPSK	1	53	20.35	20.41	20.30		
40	QPSK	1	104	20.32	20.46	20.32		
40	QPSK	50	0	19.40	19.50	19.49	21.0	1.0
40	QPSK	50	28	20.37	20.45	20.38	22.0	0.0
40	QPSK	50	56	19.34	19.38	19.36	21.0	1.0
40	QPSK	100	0	19.35	19.45	19.36		
40	16QAM	1	1	19.23	19.38	19.24	21.0	1.0
40	64QAM	1	1	17.92	17.94	17.80	19.5	2.5
40	256QAM	1	1	16.47	16.48	16.38	17.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.47	20.53	20.54	22.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.57	20.48	20.48	22.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.55	20.53	20.46	22.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.51	20.46	20.53	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.65	20.78	20.71		
100	PI/2 BPSK	1	137	20.63	20.78	20.59	22.2	0.0
100	PI/2 BPSK	1	271	20.56	20.73	20.71		
100	PI/2 BPSK	135	0	20.64	20.72	20.73	22.2	0.0
100	PI/2 BPSK	135	69	20.66	20.69	20.68	22.2	0.0
100	PI/2 BPSK	135	138	20.64	20.76	20.73	22.2	0.0
100	PI/2 BPSK	270	0	20.63	20.73	20.72		
100	QPSK	1	1	20.69	20.79	20.74		
100	QPSK	1	137	20.55	20.77	20.59	22.2	0.0
100	QPSK	1	271	20.58	20.69	20.67		
100	QPSK	135	0	20.54	20.60	20.60	22.2	0.0
100	QPSK	135	69	20.63	20.74	20.66	22.2	0.0
100	QPSK	135	138	20.50	20.65	20.63	22.2	0.0
100	QPSK	270	0	20.62	20.69	20.65		
100	16QAM	1	1	20.63	20.73	20.64	22.2	0.0
100	64QAM	1	1	20.54	20.66	20.62	22.2	0.0
100	256QAM	1	1	20.56	20.74	20.65	22.2	0.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	20.65	20.66	20.60	22.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	20.58	20.64	20.71	22.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	20.64	20.69	20.65	22.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2528	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	20.58	20.75	20.68	22.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	20.54	20.73	20.70	22.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	20.68	20.64	20.60	22.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	20.65	20.68	20.63	22.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	20.54	20.78	20.72	22.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.65	20.78	20.71		
100	PI/2 BPSK	1	137	20.63	20.78	20.59	22.2	0.0
100	PI/2 BPSK	1	271	20.56	20.73	20.71		
100	PI/2 BPSK	135	0	20.64	20.72	20.73	22.2	0.0
100	PI/2 BPSK	135	69	20.66	20.69	20.68	22.2	0.0
100	PI/2 BPSK	135	138	20.64	20.76	20.73	22.2	0.0
100	PI/2 BPSK	270	0	20.63	20.73	20.72		
100	QPSK	1	1	20.69	20.79	20.74		
100	QPSK	1	137	20.55	20.77	20.59	22.2	0.0
100	QPSK	1	271	20.58	20.69	20.67		
100	QPSK	135	0	20.54	20.60	20.60	22.2	0.0
100	QPSK	135	69	20.63	20.74	20.66	22.2	0.0
100	QPSK	135	138	20.50	20.65	20.63	22.2	0.0
100	QPSK	270	0	20.62	20.69	20.65		
100	16QAM	1	1	20.63	20.73	20.64	22.2	0.0
100	64QAM	1	1	20.54	20.66	20.62	22.2	0.0
100	256QAM	1	1	20.56	20.74	20.65	22.2	0.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	20.65	20.66	20.60	22.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	20.58	20.64	20.71	22.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	20.64	20.69	20.65	22.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2528	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	20.58	20.75	20.68	22.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	20.54	20.73	20.70	22.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	20.68	20.64	20.60	22.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	20.65	20.68	20.63	22.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	20.54	20.78	20.72	22.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.69	22.71	22.69		
100	PI/2 BPSK	1	137	22.73	22.80	22.77	23.7	0.0
100	PI/2 BPSK	1	271	22.62	22.73	22.69		
100	PI/2 BPSK	135	0	22.64	22.74	22.64	23.7	0.0
100	PI/2 BPSK	135	69	22.61	22.72	22.65	23.7	0.0
100	PI/2 BPSK	135	138	22.70	22.77	22.75	23.7	0.0
100	PI/2 BPSK	270	0	22.59	22.70	22.78		
100	QPSK	1	1	22.74	22.82	22.79		
100	QPSK	1	137	22.62	22.67	22.71	23.7	0.0
100	QPSK	1	271	22.61	22.74	22.67		
100	QPSK	135	0	22.67	22.75	22.63	23.7	0.0
100	QPSK	135	69	22.69	22.78	22.73	23.7	0.0
100	QPSK	135	138	22.55	22.64	22.67	23.7	0.0
100	QPSK	270	0	22.64	22.73	22.72		
100	16QAM	1	1	22.63	22.78	22.76	23.7	0.0
100	64QAM	1	1	22.66	22.75	22.70	23.7	0.0
100	256QAM	1	1	21.86	21.94	21.87	22.7	1.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	22.64	22.72	22.73	23.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	22.69	22.68	22.67	23.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	22.72	22.77	22.75	23.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2528	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	22.67	22.74	22.66	23.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	22.60	22.78	22.67	23.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	22.67	22.81	22.72	23.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	22.69	22.70	22.76	23.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	22.60	22.76	22.67	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.69	22.71	22.69		
100	PI/2 BPSK	1	137	22.73	22.80	22.77	23.7	0.0
100	PI/2 BPSK	1	271	22.62	22.73	22.69		
100	PI/2 BPSK	135	0	22.64	22.74	22.64	23.7	0.0
100	PI/2 BPSK	135	69	22.61	22.72	22.65	23.7	0.0
100	PI/2 BPSK	135	138	22.70	22.77	22.75	23.7	0.0
100	PI/2 BPSK	270	0	22.59	22.70	22.78		
100	QPSK	1	1	22.74	22.82	22.79		
100	QPSK	1	137	22.62	22.67	22.71	23.7	0.0
100	QPSK	1	271	22.61	22.74	22.67		
100	QPSK	135	0	22.67	22.75	22.63	23.7	0.0
100	QPSK	135	69	22.69	22.78	22.73	23.7	0.0
100	QPSK	135	138	22.55	22.64	22.67	23.7	0.0
100	QPSK	270	0	22.64	22.73	22.72		
100	16QAM	1	1	22.63	22.78	22.76	23.7	0.0
100	64QAM	1	1	22.66	22.75	22.70	23.7	0.0
100	256QAM	1	1	21.86	21.94	21.87	22.7	1.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	22.64	22.72	22.73	23.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	22.69	22.68	22.67	23.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	22.72	22.77	22.75	23.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2528	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	22.67	22.74	22.66	23.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	22.60	22.78	22.67	23.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	22.67	22.81	22.72	23.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	22.69	22.70	22.76	23.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	22.60	22.76	22.67	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	20.15	20.09	19.94		
100	Pi/2 BPSK	1	137	20.33	20.10	20.18	21.2	0.0
100	Pi/2 BPSK	1	271	20.31	20.14	20.12		
100	Pi/2 BPSK	135	0	20.30	20.13	20.07	21.2	0.0
100	Pi/2 BPSK	135	69	20.06	19.82	19.74	21.2	0.0
100	Pi/2 BPSK	135	138	20.29	20.15	20.16	21.2	0.0
100	Pi/2 BPSK	270	0	20.27	20.22	20.05		
100	QPSK	1	1	20.30	20.39	20.16		
100	QPSK	1	137	20.28	20.10	20.15	21.2	0.0
100	QPSK	1	271	20.29	20.19	20.09		
100	QPSK	135	0	20.26	20.18	20.07	21.2	0.0
100	QPSK	135	69	20.31	20.35	20.16	21.2	0.0
100	QPSK	135	138	20.21	20.18	20.15	21.2	0.0
100	QPSK	270	0	20.23	20.25	20.11		
100	16QAM	1	1	20.20	20.10	20.20	21.2	0.0
100	64QAM	1	1	20.21	20.23	20.01	21.2	0.0
100	256QAM	1	1	18.92	18.83	18.76	19.7	1.5
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	20.23	20.24	20.02	21.2	0.0
Channel				507204	518598	529992	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	20.28	20.32	20.12	21.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	20.16	20.28	20.02	21.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	20.17	20.33	20.09	21.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	20.28	20.37	20.03	21.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	20.29	20.32	20.12	21.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	20.18	20.24	20.13	21.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	20.23	20.34	20.03	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	22.83	22.83	22.74		
100	Pi/2 BPSK	1	137	22.94	22.82	22.81	23.7	0.0
100	Pi/2 BPSK	1	271	22.79	22.86	22.81		
100	Pi/2 BPSK	135	0	22.50	22.42	22.38	23.7	0.0
100	Pi/2 BPSK	135	69	22.83	22.93	22.77	23.7	0.0
100	Pi/2 BPSK	135	138	22.27	22.19	22.08	23.7	0.0
100	Pi/2 BPSK	270	0	22.33	22.28	22.19		
100	QPSK	1	1	22.91	22.95	22.83		
100	QPSK	1	137	22.81	22.74	22.81	23.7	0.0
100	QPSK	1	271	22.87	22.75	22.73		
100	QPSK	135	0	22.00	21.87	21.86	23.2	0.5
100	QPSK	135	69	22.89	22.89	22.72	23.7	0.0
100	QPSK	135	138	21.71	21.62	21.61	23.2	0.5
100	QPSK	270	0	21.84	21.85	21.57		
100	16QAM	1	1	21.91	21.82	21.69	23.2	0.5
100	64QAM	1	1	20.31	20.25	20.19	21.7	2.0
100	256QAM	1	1	18.92	18.83	18.76	19.7	4.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	22.84	22.86	22.85	23.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	22.76	22.84	22.87	23.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	22.83	22.94	22.77	23.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	22.83	22.92	22.82	23.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	22.86	22.85	22.87	23.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	22.80	22.86	22.77	23.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	22.78	22.82	22.76	23.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	22.81	22.81	22.76	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		17.67			
100	Pi/2 BPSK	1	137		17.75		19.2	0.0
100	Pi/2 BPSK	1	271		17.75			
100	Pi/2 BPSK	135	0		17.75		19.2	0.0
100	Pi/2 BPSK	135	69		17.63		19.2	0.0
100	Pi/2 BPSK	135	138		17.67		19.2	0.0
100	Pi/2 BPSK	270	0		17.75			
100	QPSK	1	1		17.78			
100	QPSK	1	137		17.76		19.2	0.0
100	QPSK	1	271		17.76			
100	QPSK	135	0		17.62		19.2	0.0
100	QPSK	135	69		17.73		19.2	0.0
100	QPSK	135	138		17.68		19.2	0.0
100	QPSK	270	0		17.68			
100	16QAM	1	1		17.70		19.2	0.0
100	64QAM	1	1		17.63		19.2	0.0
100	256QAM	1	1		17.71		19.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	17.64	17.72	17.66	19.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.65	17.74	17.63	19.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.73	17.64	17.70	19.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.96	(dBm)	(dB)
60	QPSK	1	1	17.65	17.70	17.63	19.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.65	17.68	17.75	19.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.72	17.69	17.74	19.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.74	17.66	17.75	19.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	17.70	17.72	17.64	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	Pi/2 BPSK	1	1	17.45	17.48	17.27		
100	Pi/2 BPSK	1	137	17.47	17.55	17.39	19.2	0.0
100	Pi/2 BPSK	1	271	17.46	17.55	17.37		
100	Pi/2 BPSK	135	0	17.57	17.57	17.38	19.2	0.0
100	Pi/2 BPSK	135	69	17.48	17.56	17.32	19.2	0.0
100	Pi/2 BPSK	135	138	17.52	17.53	17.26	19.2	0.0
100	Pi/2 BPSK	270	0	17.53	17.53	17.38		
100	QPSK	1	1	17.58	17.59	17.40		
100	QPSK	1	137	17.49	17.44	17.38	19.2	0.0
100	QPSK	1	271	17.44	17.52	17.37		
100	QPSK	135	0	17.50	17.48	17.31	19.2	0.0
100	QPSK	135	69	17.53	17.57	17.33	19.2	0.0
100	QPSK	135	138	17.50	17.45	17.24	19.2	0.0
100	QPSK	270	0	17.48	17.52	17.35		
100	16QAM	1	1	17.49	17.58	17.35	19.2	0.0
100	64QAM	1	1	17.43	17.56	17.39	19.2	0.0
100	256QAM	1	1	17.43	17.44	17.36	19.2	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	17.43	17.49	17.25	19.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	17.55	17.49	17.35	19.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	17.54	17.44	17.30	19.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	17.54	17.54	17.38	19.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	17.55	17.50	17.33	19.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	17.48	17.52	17.31	19.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	17.56	17.53	17.27	19.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	17.46	17.55	17.25	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		19.06			
100	Pi/2 BPSK	1	137		19.06		20.7	0.0
100	Pi/2 BPSK	1	271		19.05			
100	Pi/2 BPSK	135	0		19.00		20.7	0.0
100	Pi/2 BPSK	135	69		18.96		20.7	0.0
100	Pi/2 BPSK	135	138		18.94		20.7	0.0
100	Pi/2 BPSK	270	0		19.00			
100	QPSK	1	1		19.09			
100	QPSK	1	137		19.05		20.7	0.0
100	QPSK	1	271		19.01			
100	QPSK	135	0		18.91		20.7	0.0
100	QPSK	135	69		19.03		20.7	0.0
100	QPSK	135	138		18.91		20.7	0.0
100	QPSK	270	0		19.02			
100	16QAM	1	1		18.98		20.7	0.0
100	64QAM	1	1		18.99		20.7	0.0
100	256QAM	1	1		17.94		19.2	1.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.96	19.07	18.95	20.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3493.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.99	18.95	18.96	20.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3488.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.97	19.04	19.04	20.7	0.0
Channel				632000	633332	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.98	(dBm)	(dB)
60	QPSK	1	1	19.01	18.99	19.04	20.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	19.05	19.00	19.00	20.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	19.05	18.97	18.95	20.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.97	19.06	19.07	20.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	19.03	18.94	19.06	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	Pi/2 BPSK	1	1	19.15	19.21	19.13		
100	Pi/2 BPSK	1	137	19.08	19.20	19.12	20.7	0.0
100	Pi/2 BPSK	1	271	19.09	19.09	19.22		
100	Pi/2 BPSK	135	0	19.15	19.19	19.18	20.7	0.0
100	Pi/2 BPSK	135	69	19.09	19.19	19.08	20.7	0.0
100	Pi/2 BPSK	135	138	19.15	19.16	19.10	20.7	0.0
100	Pi/2 BPSK	270	0	19.08	19.21	19.15		
100	QPSK	1	1	19.16	19.24	19.23		
100	QPSK	1	137	19.14	19.09	19.16	20.7	0.0
100	QPSK	1	271	19.02	19.18	19.19		
100	QPSK	135	0	19.06	19.06	19.14	20.7	0.0
100	QPSK	135	69	19.14	19.20	19.15	20.7	0.0
100	QPSK	135	138	19.02	19.12	19.11	20.7	0.0
100	QPSK	270	0	19.07	19.17	19.13		
100	16QAM	1	1	19.03	19.15	19.13	20.7	0.0
100	64QAM	1	1	19.13	19.11	19.15	20.7	0.0
100	256QAM	1	1	18.12	18.06	18.04	19.2	1.5
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	19.06	19.20	19.09	20.7	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	19.04	19.18	19.11	20.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	19.14	19.23	19.17	20.7	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	19.09	19.12	19.10	20.7	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	19.07	19.14	19.11	20.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	19.14	19.14	19.22	20.7	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	19.09	19.10	19.16	20.7	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	19.07	19.16	19.09	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		17.00			
100	Pi/2 BPSK	1	137		17.00		17.7	0.0
100	Pi/2 BPSK	1	271		17.02			
100	Pi/2 BPSK	135	0		17.07		17.7	0.0
100	Pi/2 BPSK	135	69		17.10		17.7	0.0
100	Pi/2 BPSK	135	138		17.08		17.7	0.0
100	Pi/2 BPSK	270	0		17.08			
100	QPSK	1	1		17.14			
100	QPSK	1	137		17.12		17.7	0.0
100	QPSK	1	271		17.03			
100	QPSK	135	0		17.02		17.7	0.0
100	QPSK	135	69		17.08		17.7	0.0
100	QPSK	135	138		17.00		17.7	0.0
100	QPSK	270	0		17.04			
100	16QAM	1	1		17.08		17.7	0.0
100	64QAM	1	1		16.80		17.7	0.0
100	256QAM	1	1		15.42		15.7	2.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	17.03	17.11	17.06	17.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3493.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.00	17.04	17.08	17.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3488.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.07	17.06	17.10	17.7	0.0
Channel				632000	633332	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.98	(dBm)	(dB)
60	QPSK	1	1	17.07	17.03	17.00	17.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.01	17.10	17.13	17.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.04	17.08	17.12	17.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.06	17.06	17.13	17.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	17.08	17.09	17.08	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	Pi/2 BPSK	1	1	17.18	17.38	16.88		
100	Pi/2 BPSK	1	137	17.21	17.39	16.81	17.7	0.0
100	Pi/2 BPSK	1	271	17.30	17.32	16.75		
100	Pi/2 BPSK	135	0	17.28	17.37	16.89	17.7	0.0
100	Pi/2 BPSK	135	69	17.18	17.42	16.81	17.7	0.0
100	Pi/2 BPSK	135	138	17.25	17.31	16.88	17.7	0.0
100	Pi/2 BPSK	270	0	17.28	17.38	16.87		
100	QPSK	1	1	17.31	17.44	16.99		
100	QPSK	1	137	17.27	17.40	16.81	17.7	0.0
100	QPSK	1	271	17.29	17.41	16.89		
100	QPSK	135	0	17.23	17.31	16.75	17.7	0.0
100	QPSK	135	69	17.24	17.41	16.83	17.7	0.0
100	QPSK	135	138	17.12	17.31	16.69	17.7	0.0
100	QPSK	270	0	17.18	17.34	16.81		
100	16QAM	1	1	17.20	17.40	16.79	17.7	0.0
100	64QAM	1	1	16.87	16.89	16.81	17.7	0.0
100	256QAM	1	1	15.48	15.60	15.27	15.7	2.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	17.25	17.37	16.75	17.7	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	17.21	17.40	16.88	17.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	17.30	17.37	16.78	17.7	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	17.19	17.39	16.76	17.7	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	17.21	17.33	16.88	17.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	17.22	17.29	16.81	17.7	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	17.27	17.42	16.75	17.7	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	17.22	17.35	16.76	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.15			
100	PI/2 BPSK	1	137		18.12		19.2	0.0
100	PI/2 BPSK	1	271		18.12			
100	PI/2 BPSK	135	0		18.26		19.2	0.0
100	PI/2 BPSK	135	69		18.23		19.2	0.0
100	PI/2 BPSK	135	138		18.22		19.2	0.0
100	PI/2 BPSK	270	0		18.14			
100	QPSK	1	1		18.27			
100	QPSK	1	137		18.23		19.2	0.0
100	QPSK	1	271		18.21			
100	QPSK	135	0		18.15		19.2	0.0
100	QPSK	135	69		18.22		19.2	0.0
100	QPSK	135	138		18.12		19.2	0.0
100	QPSK	270	0		18.19			
100	16QAM	1	1		18.22		19.2	0.0
100	64QAM	1	1		18.01		19.2	0.0
100	256QAM	1	1		16.81		17.2	2.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.12	18.15	18.15	19.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.17	18.14	18.24	19.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.21	18.22	18.26	19.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.21	18.17	18.18	19.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.22	18.16	18.26	19.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.15	18.14	18.16	19.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.13	18.26	18.16	19.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.15	18.22	18.16	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.97	18.03	17.42		
100	PI/2 BPSK	1	137	18.00	18.03	17.28	19.2	0.0
100	PI/2 BPSK	1	271	18.02	17.95	17.38		
100	PI/2 BPSK	135	0	18.05	18.06	17.30	19.2	0.0
100	PI/2 BPSK	135	69	18.04	17.96	17.40	19.2	0.0
100	PI/2 BPSK	135	138	18.06	18.04	17.28	19.2	0.0
100	PI/2 BPSK	270	0	18.04	18.08	17.30		
100	QPSK	1	1	18.08	18.10	17.43		
100	QPSK	1	137	18.02	18.03	17.28	19.2	0.0
100	QPSK	1	271	17.94	17.99	17.39		
100	QPSK	135	0	17.85	17.99	17.28	19.2	0.0
100	QPSK	135	69	18.00	18.03	17.42	19.2	0.0
100	QPSK	135	138	17.93	17.96	17.41	19.2	0.0
100	QPSK	270	0	17.99	18.01	17.39		
100	16QAM	1	1	17.96	18.09	17.33	19.2	0.0
100	64QAM	1	1	17.61	17.67	17.40	19.2	0.0
100	256QAM	1	1	16.34	16.35	15.91	17.2	2.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	18.04	18.00	17.28	19.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	17.96	18.03	17.33	19.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.05	17.98	17.40	19.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	17.93	18.04	17.36	19.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	18.07	17.98	17.25	19.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	17.94	18.02	17.41	19.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.03	18.09	17.30	19.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	17.96	18.01	17.41	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.75			
100	PI/2 BPSK	1	137		17.70		19.2	0.0
100	PI/2 BPSK	1	271		17.66			
100	PI/2 BPSK	135	0		17.76		19.2	0.0
100	PI/2 BPSK	135	69		17.73		19.2	0.0
100	PI/2 BPSK	135	138		17.70		19.2	0.0
100	PI/2 BPSK	270	0		17.70			
100	QPSK	1	1		17.77			
100	QPSK	1	137		17.67		19.2	0.0
100	QPSK	1	271		17.73			
100	QPSK	135	0		17.61		19.2	0.0
100	QPSK	135	69		17.73		19.2	0.0
100	QPSK	135	138		17.68		19.2	0.0
100	QPSK	270	0		17.67			
100	16QAM	1	1		17.74		19.2	0.0
100	64QAM	1	1		17.64		19.2	0.0
100	256QAM	1	1		17.67		19.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	17.75	17.62	17.76	19.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.69	17.70	17.63	19.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.64	17.73	17.65	19.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.73	17.76	17.73	19.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.64	17.69	17.72	19.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.67	17.63	17.68	19.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.64	17.69	17.66	19.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	17.74	17.73	17.70	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.75			
100	PI/2 BPSK	1	137		17.70		19.2	0.0
100	PI/2 BPSK	1	271		17.66			
100	PI/2 BPSK	135	0		17.76		19.2	0.0
100	PI/2 BPSK	135	69		17.73		19.2	0.0
100	PI/2 BPSK	135	138		17.70		19.2	0.0
100	PI/2 BPSK	270	0		17.70			
100	QPSK	1	1		17.77			
100	QPSK	1	137		17.67		19.2	0.0
100	QPSK	1	271		17.73			
100	QPSK	135	0		17.61		19.2	0.0
100	QPSK	135	69		17.73		19.2	0.0
100	QPSK	135	138		17.68		19.2	0.0
100	QPSK	270	0		17.67			
100	16QAM	1	1		17.74		19.2	0.0
100	64QAM	1	1		17.64		19.2	0.0
100	256QAM	1	1		17.67		19.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	17.75	17.62	17.76	19.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.69	17.70	17.63	19.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.64	17.73	17.65	19.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.73	17.76	17.73	19.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.64	17.69	17.72	19.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.67	17.63	17.68	19.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.64	17.69	17.66	19.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	17.74	17.73	17.70	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		17.38			
100	Pi/2 BPSK	1	137		17.48		19.2	0.0
100	Pi/2 BPSK	1	271		17.38			
100	Pi/2 BPSK	135	0		17.46		19.2	0.0
100	Pi/2 BPSK	135	69		17.48		19.2	0.0
100	Pi/2 BPSK	135	138		17.43		19.2	0.0
100	Pi/2 BPSK	270	0		17.38			
100	QPSK	1	1		17.51			
100	QPSK	1	137		17.47		19.2	0.0
100	QPSK	1	271		17.41			
100	QPSK	135	0		17.44		19.2	0.0
100	QPSK	135	69		17.49		19.2	0.0
100	QPSK	135	138		17.46		19.2	0.0
100	QPSK	270	0		17.48			
100	16QAM	1	1		17.38		19.2	0.0
100	64QAM	1	1		17.37		19.2	0.0
100	256QAM	1	1		17.41		19.2	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	17.39	17.40	17.36	19.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	17.45	17.50	17.44	19.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3736	3750	3765	(dBm)	(dB)
70	QPSK	1	1	17.48	17.49	17.42	19.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	17.45	17.48	17.45	19.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	17.42	17.40	17.37	19.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.43	17.43	17.46	19.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	17.46	17.49	17.49	19.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	17.36	17.39	17.46	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		17.38			
100	Pi/2 BPSK	1	137		17.48		19.2	0.0
100	Pi/2 BPSK	1	271		17.38			
100	Pi/2 BPSK	135	0		17.46		19.2	0.0
100	Pi/2 BPSK	135	69		17.48		19.2	0.0
100	Pi/2 BPSK	135	138		17.43		19.2	0.0
100	Pi/2 BPSK	270	0		17.38			
100	QPSK	1	1		17.51			
100	QPSK	1	137		17.47		19.2	0.0
100	QPSK	1	271		17.41			
100	QPSK	135	0		17.44		19.2	0.0
100	QPSK	135	69		17.49		19.2	0.0
100	QPSK	135	138		17.46		19.2	0.0
100	QPSK	270	0		17.48			
100	16QAM	1	1		17.38		19.2	0.0
100	64QAM	1	1		17.37		19.2	0.0
100	256QAM	1	1		17.41		19.2	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	17.39	17.40	17.36	19.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	17.45	17.50	17.44	19.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3736	3750	3765	(dBm)	(dB)
70	QPSK	1	1	17.48	17.49	17.42	19.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	17.45	17.48	17.45	19.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	17.42	17.40	17.37	19.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.43	17.43	17.46	19.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	17.46	17.49	17.49	19.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	17.36	17.39	17.46	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		19.01			
100	Pi/2 BPSK	1	137		19.05		20.7	0.0
100	Pi/2 BPSK	1	271		19.04			
100	Pi/2 BPSK	135	0		19.07		20.7	0.0
100	Pi/2 BPSK	135	69		18.98		20.7	0.0
100	Pi/2 BPSK	135	138		19.05		20.7	0.0
100	Pi/2 BPSK	270	0		19.05			
100	QPSK	1	1		19.08			
100	QPSK	1	137		18.96		20.7	0.0
100	QPSK	1	271		18.99			
100	QPSK	135	0		18.96		20.7	0.0
100	QPSK	135	69		19.00		20.7	0.0
100	QPSK	135	138		18.97		20.7	0.0
100	QPSK	270	0		18.95			
100	16QAM	1	1		19.07		20.7	0.0
100	64QAM	1	1		19.00		20.7	0.0
100	256QAM	1	1		18.95		20.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	19.01	19.00	19.05	20.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.94	19.03	19.01	20.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	19.04	18.97	19.00	20.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	19.04	18.94	18.96	20.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	19.00	19.07	18.99	20.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	19.02	18.96	19.08	20.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.99	19.01	18.93	20.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.98	18.99	18.94	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		19.01			
100	Pi/2 BPSK	1	137		19.05		20.7	0.0
100	Pi/2 BPSK	1	271		19.04			
100	Pi/2 BPSK	135	0		19.07		20.7	0.0
100	Pi/2 BPSK	135	69		18.98		20.7	0.0
100	Pi/2 BPSK	135	138		19.05		20.7	0.0
100	Pi/2 BPSK	270	0		19.06			
100	QPSK	1	1		19.08			
100	QPSK	1	137		18.96		20.7	0.0
100	QPSK	1	271		18.99			
100	QPSK	135	0		18.96		20.7	0.0
100	QPSK	135	69		19.00		20.7	0.0
100	QPSK	135	138		18.97		20.7	0.0
100	QPSK	270	0		18.95			
100	16QAM	1	1		19.07		20.7	0.0
100	64QAM	1	1		19.00		20.7	0.0
100	256QAM	1	1		18.95		20.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	19.01	19.00	19.05	20.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.94	19.03	19.01	20.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	19.04	18.97	19.00	20.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	19.04	18.94	18.96	20.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	19.00	19.07	18.99	20.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	19.02	18.96	19.08	20.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.99	19.01	18.93	20.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.98	18.99	18.94	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		19.13			
100	Pi/2 BPSK	1	137		19.11		20.7	0.0
100	Pi/2 BPSK	1	271		19.09			
100	Pi/2 BPSK	135	0		19.09		20.7	0.0
100	Pi/2 BPSK	135	69		19.13		20.7	0.0
100	Pi/2 BPSK	135	138		19.13		20.7	0.0
100	Pi/2 BPSK	270	0		19.14			
100	QPSK	1	1		19.22		20.7	0.0
100	QPSK	1	137		19.17			
100	QPSK	1	271		19.13			
100	QPSK	135	0		19.07		20.7	0.0
100	QPSK	135	69		19.14		20.7	0.0
100	QPSK	135	138		19.10		20.7	0.0
100	QPSK	270	0		19.08			
100	16QAM	1	1		19.13		20.7	0.0
100	64QAM	1	1		19.16		20.7	0.0
100	256QAM	1	1		19.14		20.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	19.13	19.16	19.07	20.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	19.19	19.21	19.08	20.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3736	3750	3765	(dBm)	(dB)
70	QPSK	1	1	19.20	19.07	19.09	20.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	19.18	19.13	19.12	20.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	19.17	19.08	19.09	20.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	19.08	19.14	19.12	20.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	19.11	19.17	19.09	20.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	19.21	19.09	19.19	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		19.13			
100	Pi/2 BPSK	1	137		19.11		20.7	0.0
100	Pi/2 BPSK	1	271		19.09			
100	Pi/2 BPSK	135	0		19.09		20.7	0.0
100	Pi/2 BPSK	135	69		19.13		20.7	0.0
100	Pi/2 BPSK	135	138		19.13		20.7	0.0
100	Pi/2 BPSK	270	0		19.14			
100	QPSK	1	1		19.22		20.7	0.0
100	QPSK	1	137		19.17			
100	QPSK	1	271		19.13			
100	QPSK	135	0		19.07		20.7	0.0
100	QPSK	135	69		19.14		20.7	0.0
100	QPSK	135	138		19.10		20.7	0.0
100	QPSK	270	0		19.08			
100	16QAM	1	1		19.13		20.7	0.0
100	64QAM	1	1		19.16		20.7	0.0
100	256QAM	1	1		19.14		20.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	19.13	19.16	19.07	20.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	19.19	19.21	19.08	20.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	19.20	19.07	19.09	20.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	19.18	19.13	19.12	20.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	19.17	19.08	19.09	20.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	19.08	19.14	19.12	20.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	19.11	19.17	19.09	20.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	19.21	19.09	19.19	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		16.96			
100	Pi/2 BPSK	1	137		17.03		17.7	0.0
100	Pi/2 BPSK	1	271		17.06			
100	Pi/2 BPSK	135	0		16.98		17.7	0.0
100	Pi/2 BPSK	135	69		16.99		17.7	0.0
100	Pi/2 BPSK	135	138		16.95		17.7	0.0
100	Pi/2 BPSK	270	0		16.94			
100	QPSK	1	1		17.09		17.7	0.0
100	QPSK	1	137		16.98			
100	QPSK	1	271		16.98			
100	QPSK	135	0		17.02		17.7	0.0
100	QPSK	135	69		17.07		17.7	0.0
100	QPSK	135	138		16.94		17.7	0.0
100	QPSK	270	0		17.05			
100	16QAM	1	1		16.97		17.7	0.0
100	64QAM	1	1		17.02		17.7	0.0
100	256QAM	1	1		16.96		17.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.95	17.01	16.98	17.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.06	16.98	17.07	17.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	16.95	17.03	17.04	17.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.06	16.99	17.01	17.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.07	16.99	17.05	17.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.98	17.05	17.04	17.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.94	16.99	17.05	17.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	17.04	17.07	16.96	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		16.96			
100	Pi/2 BPSK	1	137		17.03		17.7	0.0
100	Pi/2 BPSK	1	271		17.06			
100	Pi/2 BPSK	135	0		16.98		17.7	0.0
100	Pi/2 BPSK	135	69		16.99		17.7	0.0
100	Pi/2 BPSK	135	138		16.95		17.7	0.0
100	Pi/2 BPSK	270	0		16.94			
100	QPSK	1	1		17.09		17.7	0.0
100	QPSK	1	137		16.98			
100	QPSK	1	271		16.98			
100	QPSK	135	0		17.02		17.7	0.0
100	QPSK	135	69		17.07		17.7	0.0
100	QPSK	135	138		16.94		17.7	0.0
100	QPSK	270	0		17.05			
100	16QAM	1	1		16.97		17.7	0.0
100	64QAM	1	1		17.02		17.7	0.0
100	256QAM	1	1		16.96		17.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.95	17.01	16.98	17.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.06	16.98	17.07	17.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	16.95	17.03	17.04	17.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.06	16.99	17.01	17.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.07	16.99	17.05	17.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.98	17.05	17.04	17.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.94	16.99	17.05	17.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	17.04	17.07	16.96	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.28			
100	PI/2 BPSK	1	137		17.27		17.7	0.0
100	PI/2 BPSK	1	271		17.21			
100	PI/2 BPSK	135	0		17.31		17.7	0.0
100	PI/2 BPSK	135	69		17.30		17.7	0.0
100	PI/2 BPSK	135	138		17.24		17.7	0.0
100	PI/2 BPSK	270	0		17.24			
100	QPSK	1	1		17.35		17.7	0.0
100	QPSK	1	137		17.27			
100	QPSK	1	271		17.33			
100	QPSK	135	0		17.23		17.7	0.0
100	QPSK	135	69		17.34		17.7	0.0
100	QPSK	135	138		17.27		17.7	0.0
100	QPSK	270	0		17.27			
100	16QAM	1	1		17.23		17.7	0.0
100	64QAM	1	1		17.32		17.7	0.0
100	256QAM	1	1		17.22		17.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	17.24	17.21	17.32	17.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	17.34	17.26	17.32	17.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	17.32	17.32	17.30	17.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	17.28	17.22	17.32	17.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	17.27	17.26	17.32	17.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.22	17.27	17.20	17.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	17.25	17.25	17.23	17.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	17.29	17.23	17.34	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.28			
100	PI/2 BPSK	1	137		17.27		17.7	0.0
100	PI/2 BPSK	1	271		17.21			
100	PI/2 BPSK	135	0		17.31		17.7	0.0
100	PI/2 BPSK	135	69		17.30		17.7	0.0
100	PI/2 BPSK	135	138		17.24		17.7	0.0
100	PI/2 BPSK	270	0		17.24			
100	QPSK	1	1		17.35		17.7	0.0
100	QPSK	1	137		17.27			
100	QPSK	1	271		17.33			
100	QPSK	135	0		17.23		17.7	0.0
100	QPSK	135	69		17.34		17.7	0.0
100	QPSK	135	138		17.27		17.7	0.0
100	QPSK	270	0		17.27			
100	16QAM	1	1		17.23		17.7	0.0
100	64QAM	1	1		17.32		17.7	0.0
100	256QAM	1	1		17.22		17.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	17.24	17.21	17.32	17.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	17.34	17.26	17.32	17.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	17.32	17.32	17.30	17.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	17.28	17.22	17.32	17.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	17.27	17.26	17.32	17.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.22	17.27	17.20	17.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	17.25	17.25	17.21	17.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	17.29	17.23	17.34	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.32			
100	PI/2 BPSK	1	137		17.27		18.2	0.0
100	PI/2 BPSK	1	271		17.26			
100	PI/2 BPSK	135	0		17.20		18.2	0.0
100	PI/2 BPSK	135	69		17.31		18.2	0.0
100	PI/2 BPSK	135	138		17.20		18.2	0.0
100	PI/2 BPSK	270	0		17.30			
100	QPSK	1	1		17.33		18.2	0.0
100	QPSK	1	137		17.19			
100	QPSK	1	271		17.18			
100	QPSK	135	0		17.11		18.2	0.0
100	QPSK	135	69		17.25		18.2	0.0
100	QPSK	135	138		17.22		18.2	0.0
100	QPSK	270	0		17.22			
100	16QAM	1	1		17.21		18.2	0.0
100	64QAM	1	1		17.23		18.2	0.0
100	256QAM	1	1		17.32		18.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	17.21	17.23	17.20	18.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.30	17.29	17.21	18.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.29	17.24	17.26	18.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.29	17.22	17.32	18.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.32	17.27	17.28	18.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.20	17.18	17.29	18.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.22	17.29	17.30	18.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	17.23	17.26	17.22	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.32			
100	PI/2 BPSK	1	137		17.27		18.2	0.0
100	PI/2 BPSK	1	271		17.28			
100	PI/2 BPSK	135	0		17.20		18.2	0.0
100	PI/2 BPSK	135	69		17.31		18.2	0.0
100	PI/2 BPSK	135	138		17.20		18.2	0.0
100	PI/2 BPSK	270	0		17.30			
100	QPSK	1	1		17.33		18.2	0.0
100	QPSK	1	137		17.19			
100	QPSK	1	271		17.18			
100	QPSK	135	0		17.11		18.2	0.0
100	QPSK	135	69		17.25		18.2	0.0
100	QPSK	135	138		17.22		18.2	0.0
100	QPSK	270	0		17.22			
100	16QAM	1	1		17.21		18.2	0.0
100	64QAM	1	1		17.23		18.2	0.0
100	256QAM	1	1		17.32		18.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	17.21	17.23	17.20	18.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.30	17.29	17.21	18.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.29	17.24	17.26	18.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.29	17.22	17.32	18.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.32	17.27	17.28	18.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.20	17.18	17.29	18.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.22	17.29	17.30	18.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	17.23	17.26	17.22	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		16.90			
100	Pi/2 BPSK	1	137		16.89		18.2	0.0
100	Pi/2 BPSK	1	271		17.01			
100	Pi/2 BPSK	135	0		16.90		18.2	0.0
100	Pi/2 BPSK	135	69		16.93		18.2	0.0
100	Pi/2 BPSK	135	138		16.98		18.2	0.0
100	Pi/2 BPSK	270	0		16.95			
100	QPSK	1	1		17.04			
100	QPSK	1	137		17.00		18.2	0.0
100	QPSK	1	271		16.99			
100	QPSK	135	0		16.96		18.2	0.0
100	QPSK	135	69		17.01		18.2	0.0
100	QPSK	135	138		17.00		18.2	0.0
100	QPSK	270	0		16.99			
100	16QAM	1	1		16.90		18.2	0.0
100	64QAM	1	1		16.99		18.2	0.0
100	256QAM	1	1		16.93		18.2	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	17.00	16.98	16.97	18.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	16.92	17.01	16.97	18.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	16.90	17.00	17.02	18.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	17.00	16.89	16.92	18.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	16.91	17.01	17.00	18.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	16.97	16.92	16.95	18.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	16.90	16.98	16.96	18.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	16.96	16.99	16.93	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		16.90			
100	Pi/2 BPSK	1	137		16.89		18.2	0.0
100	Pi/2 BPSK	1	271		17.01			
100	Pi/2 BPSK	135	0		16.90		18.2	0.0
100	Pi/2 BPSK	135	69		16.93		18.2	0.0
100	Pi/2 BPSK	135	138		16.98		18.2	0.0
100	Pi/2 BPSK	270	0		16.95			
100	QPSK	1	1		17.04			
100	QPSK	1	137		17.00		18.2	0.0
100	QPSK	1	271		16.99			
100	QPSK	135	0		16.96		18.2	0.0
100	QPSK	135	69		17.01		18.2	0.0
100	QPSK	135	138		17.00		18.2	0.0
100	QPSK	270	0		16.99			
100	16QAM	1	1		16.90		18.2	0.0
100	64QAM	1	1		16.99		18.2	0.0
100	256QAM	1	1		16.93		18.2	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	17.00	16.98	16.97	18.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	16.92	17.01	16.97	18.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	16.90	17.00	17.02	18.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	17.00	16.89	16.92	18.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	16.91	17.01	17.00	18.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	16.97	16.92	16.95	18.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	16.90	16.98	16.96	18.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	16.96	16.99	16.93	18.2	0.0

Reduced Power Mode for ECI5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.26	22.32	22.19	23.8	0.0
20	PI/2 BPSK	1	53	22.23	22.27	22.18		
20	PI/2 BPSK	1	104	22.16	22.29	22.21		
20	PI/2 BPSK	50	0	21.78	21.81	21.70	23.3	0.5
20	PI/2 BPSK	50	28	22.24	22.29	22.20		
20	PI/2 BPSK	50	56	21.63	21.75	21.65		
20	PI/2 BPSK	100	0	21.78	21.79	21.78		
20	QPSK	1	1	22.33	22.38	22.32	23.8	0.0
20	QPSK	1	53	22.27	22.32	22.31		
20	QPSK	1	104	22.23	22.26	22.13		
20	QPSK	50	0	21.16	21.27	21.19	22.8	1.0
20	QPSK	50	28	22.18	22.27	22.21	23.8	0.0
20	QPSK	50	56	21.16	21.27	21.22	22.8	1.0
20	QPSK	100	0	21.20	21.26	21.23		
20	16QAM	1	1	20.95	21.10	21.01	22.8	1.0
20	64QAM	1	1	19.64	19.72	19.63	21.3	2.5
20	256QAM	1	1	18.15	18.25	18.11	19.3	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.32	22.23	22.20	23.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.31	22.28	22.22	23.8	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.20	22.37	22.30	23.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.70	18.76	18.55	19.8	0.0
20	PI/2 BPSK	1	53	18.67	18.74	18.63		
20	PI/2 BPSK	1	104	18.69	18.71	18.59		
20	PI/2 BPSK	50	0	18.60	18.75	18.55	19.8	0.0
20	PI/2 BPSK	50	28	18.73	18.70	18.59		
20	PI/2 BPSK	50	56	18.64	18.76	18.60		
20	PI/2 BPSK	100	0	18.60	18.68	18.65		
20	QPSK	1	1	18.74	18.78	18.69	19.8	0.0
20	QPSK	1	53	18.68	18.70	18.56		
20	QPSK	1	104	18.70	18.65	18.60		
20	QPSK	50	0	18.61	18.67	18.57	19.8	0.0
20	QPSK	50	28	18.69	18.75	18.67	19.8	0.0
20	QPSK	50	56	18.67	18.73	18.59	19.8	0.0
20	QPSK	100	0	18.60	18.72	18.61		
20	16QAM	1	1	18.70	18.74	18.67	19.8	0.0
20	64QAM	1	1	18.69	18.63	18.66	19.8	0.0
20	256QAM	1	1	18.55	18.68	18.60	19.3	0.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.60	18.77	18.58	19.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.61	18.76	18.62	19.8	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.64	18.70	18.63	19.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.57	19.57	19.47	20.8	0.0
20	PI/2 BPSK	1	53	19.49	19.59	19.43		
20	PI/2 BPSK	1	104	19.48	19.62	19.51		
20	PI/2 BPSK	50	0	19.46	19.53	19.50	20.8	0.0
20	PI/2 BPSK	50	28	19.47	19.63	19.43		
20	PI/2 BPSK	50	56	19.60	19.61	19.51	20.8	0.0
20	PI/2 BPSK	100	0	19.59	19.53	19.53		
20	QPSK	1	1	19.61	19.65	19.54	20.8	0.0
20	QPSK	1	53	19.55	19.53	19.48		
20	QPSK	1	104	19.52	19.57	19.46		
20	QPSK	50	0	19.48	19.60	19.45	20.8	0.0
20	QPSK	50	28	19.57	19.64	19.53	20.8	0.0
20	QPSK	50	56	19.53	19.51	19.43	20.8	0.0
20	QPSK	100	0	19.51	19.61	19.50		
20	16QAM	1	1	19.59	19.54	19.43	20.8	0.0
20	64QAM	1	1	17.74	17.85	17.75	19.3	1.5
20	256QAM	1	1	16.33	16.47	16.34	17.3	3.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.48	19.51	19.39	20.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.57	19.60	19.49	20.8	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.57	19.63	19.40	20.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.34	22.44	22.35	23.5	0.0
20	PI/2 BPSK	1	53	22.30	22.34	22.39		
20	PI/2 BPSK	1	104	22.41	22.40	22.37		
20	PI/2 BPSK	50	0	22.40	22.41	22.31	23.5	0.0
20	PI/2 BPSK	50	28	22.29	22.43	22.35		
20	PI/2 BPSK	50	56	22.34	22.33	22.28		
20	PI/2 BPSK	100	0	22.29	22.35	22.30		
20	QPSK	1	1	22.43	22.47	22.43	23.5	0.0
20	QPSK	1	53	22.41	22.42	22.39		
20	QPSK	1	104	22.35	22.46	22.41		
20	QPSK	50	0	22.31	22.35	22.29	23.5	0.0
20	QPSK	50	28	22.41	22.42	22.38	23.5	0.0
20	QPSK	50	56	22.36	22.28	22.26	23.5	0.0
20	QPSK	100	0	22.37	22.39	22.35		
20	16QAM	1	1	22.30	22.43	22.39	23.5	0.0
20	64QAM	1	1	21.23	21.30	21.28	22.5	1.0
20	256QAM	1	1	19.82	19.85	19.78	20.5	3.0
Channel				165355	167150	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.33	22.34	22.34	23.5	0.0
Channel				165855	167150	168450	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.41	22.45	22.33	23.5	0.0
Channel				165355	167150	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.32	22.33	22.32	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.94	22.06	21.91		
20	PI/2 BPSK	1	53	21.87	22.01	21.92	23.5	0.0
20	PI/2 BPSK	1	104	21.96	22.06	21.90		
20	PI/2 BPSK	50	0	21.88	22.07	21.93	23.5	0.0
20	PI/2 BPSK	50	28	21.95	21.98	21.97	23.5	0.0
20	PI/2 BPSK	50	56	21.90	21.98	21.96	23.5	0.0
20	PI/2 BPSK	100	0	21.88	22.04	21.96		
20	QPSK	1	1	22.01	22.09	22.00		
20	QPSK	1	53	21.93	22.08	21.98	23.5	0.0
20	QPSK	1	104	21.89	21.98	21.94		
20	QPSK	50	0	21.93	22.07	21.95	23.5	0.0
20	QPSK	50	28	21.95	22.08	21.98	23.5	0.0
20	QPSK	50	56	21.81	22.06	21.96	23.5	0.0
20	QPSK	100	0	21.93	22.05	21.92		
20	16QAM	1	1	22.00	21.99	21.97	23.5	0.0
20	64QAM	1	1	20.25	20.35	20.32	22.0	1.5
20	256QAM	1	1	18.83	18.92	18.91	20.0	3.5
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.96	21.97	21.96	23.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.00	21.99	21.90	23.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.91	22.01	21.98	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.34	23.39	23.32		
40	PI/2 BPSK	1	108	23.26	23.40	23.38	25.0	0.0
40	PI/2 BPSK	1	214	23.27	23.31	23.21		
40	PI/2 BPSK	108	0	22.90	22.94	22.86	24.5	0.5
40	PI/2 BPSK	108	54	23.30	23.34	23.23	25.0	0.0
40	PI/2 BPSK	108	108	22.82	22.90	22.83	24.5	0.5
40	PI/2 BPSK	216	0	22.91	22.93	22.91		
40	QPSK	1	1	23.32	23.40	23.41		
40	QPSK	1	108	23.27	23.33	23.18	25.0	0.0
40	QPSK	1	214	23.29	23.36	23.22		
40	QPSK	108	0	22.33	22.38	22.34	24.0	1.0
40	QPSK	108	54	23.31	23.40	23.38	25.0	0.0
40	QPSK	108	108	22.21	22.36	22.34	24.0	1.0
40	QPSK	216	0	22.37	22.39	22.33		
40	16QAM	1	1	22.13	22.15	22.00	24.0	1.0
40	64QAM	1	1	20.65	20.69	20.63	22.5	2.5
40	256QAM	1	1	19.12	19.15	19.11	20.5	4.5
Channel				503600	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	23.35	23.31	23.30	25.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	23.28	23.36	23.40	25.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	1	23.27	23.37	23.29	25.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	23.24	23.32	23.40	25.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	23.36	23.45	23.39	25.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	23.31	23.42	23.33	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	17.69	17.74	17.69		
40	PI/2 BPSK	1	108	17.63	17.79	17.68	19.0	0.0
40	PI/2 BPSK	1	214	17.65	17.71	17.59		
40	PI/2 BPSK	108	0	17.64	17.69	17.66	19.0	0.0
40	PI/2 BPSK	108	54	17.62	17.73	17.63	19.0	0.0
40	PI/2 BPSK	108	108	17.62	17.72	17.70	19.0	0.0
40	PI/2 BPSK	216	0	17.63	17.80	17.59		
40	QPSK	1	1	17.76	17.81	17.72		
40	QPSK	1	108	17.73	17.80	17.68	19.0	0.0
40	QPSK	1	214	17.71	17.74	17.59		
40	QPSK	108	0	17.61	17.71	17.69	19.0	0.0
40	QPSK	108	54	17.72	17.75	17.71	19.0	0.0
40	QPSK	108	108	17.62	17.61	17.68	19.0	0.0
40	QPSK	216	0	17.67	17.73	17.69		
40	16QAM	1	1	17.61	17.72	17.63	19.0	0.0
40	64QAM	1	1	17.63	17.80	17.70	19.0	0.0
40	256QAM	1	1	17.70	17.67	17.67	19.0	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	17.75	17.74	17.63	19.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	17.73	17.69	17.57	19.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	1	17.64	17.79	17.60	19.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	17.74	17.75	17.71	19.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	17.72	17.71	17.58	19.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	17.71	17.67	17.67	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.78	19.83	19.70		
40	PI/2 BPSK	1	108	19.72	19.87	19.75	21.0	0.0
40	PI/2 BPSK	1	214	19.72	19.77	19.72		
40	PI/2 BPSK	108	0	19.85	19.89	19.71	21.0	0.0
40	PI/2 BPSK	108	54	19.73	19.86	19.79	21.0	0.0
40	PI/2 BPSK	108	108	19.85	19.87	19.77	21.0	0.0
40	PI/2 BPSK	216	0	19.74	19.85	19.69		
40	QPSK	1	1	19.87	19.91	19.81		
40	QPSK	1	108	19.83	19.90	19.78	21.0	0.0
40	QPSK	1	214	19.83	19.90	19.73		
40	QPSK	108	0	19.70	19.76	19.71	21.0	0.0
40	QPSK	108	54	19.82	19.88	19.75	21.0	0.0
40	QPSK	108	108	19.79	19.77	19.62	21.0	0.0
40	QPSK	216	0	19.72	19.77	19.73		
40	16QAM	1	1	19.45	19.60	19.56	21.0	0.0
40	64QAM	1	1	18.13	18.16	18.08	19.5	1.5
40	256QAM	1	1	16.70	16.72	16.69	17.5	3.5
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	19.81	19.83	19.69	21.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	19.82	19.90	19.78	21.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	1	19.82	19.81	19.78	21.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	19.86	19.84	19.67	21.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	19.77	19.82	19.71	21.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	19.81	19.77	19.72	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.82	22.93	22.81		
15	PI/2 BPSK	1	40	22.87	22.92	22.91	23.8	0.0
15	PI/2 BPSK	1	77	22.72	22.88	22.75		
15	PI/2 BPSK	36	0	22.43	22.45	22.42	23.3	0.5
15	PI/2 BPSK	36	22	22.92	22.95	22.82	23.8	0.0
15	PI/2 BPSK	36	43	22.35	22.40	22.27	23.3	0.5
15	PI/2 BPSK	75	0	22.42	22.46	22.38		
15	QPSK	1	1	22.95	22.99	22.92		
15	QPSK	1	40	22.90	22.94	22.85	23.8	0.0
15	QPSK	1	77	22.80	22.86	22.76		
15	QPSK	36	0	21.92	21.93	21.90	22.8	1.0
15	QPSK	36	22	22.90	22.97	22.91	23.8	0.0
15	QPSK	36	43	21.79	21.91	21.82	22.8	1.0
15	QPSK	75	0	21.89	21.95	21.86		
15	16QAM	1	1	21.59	21.69	21.68	22.8	1.0
15	64QAM	1	1	20.13	20.23	20.11	21.3	2.5
	256QAM	1	1	18.73	18.81	18.70	19.3	4.5
Channel				140800	141500	142200	Tune-up limit	MPR
Frequency (MHz)				704	707.5	711	(dBm)	(dB)
10	QPSK	1	1	22.86	22.90	22.89	23.8	0.0
Channel				140300	141500	142700	Tune-up limit	MPR
Frequency (MHz)				701.5	707.5	713.5	(dBm)	(dB)
5	QPSK	1	1	22.83	22.91	22.91	23.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.20	22.21	22.18		
15	PI/2 BPSK	1	40	22.13	22.23	22.14	22.8	0.0
15	PI/2 BPSK	1	77	22.08	22.15	22.07		
15	PI/2 BPSK	36	0	21.68	21.78	21.65	22.3	0.5
15	PI/2 BPSK	36	22	22.20	22.26	22.20	22.8	0.0
15	PI/2 BPSK	36	43	21.71	21.74	21.65	22.3	0.5
15	PI/2 BPSK	75	0	21.82	21.77	21.73		
15	QPSK	1	1	22.25	22.29	22.20		
15	QPSK	1	40	22.17	22.24	22.12	22.8	0.0
15	QPSK	1	77	22.05	22.12	21.97		
15	QPSK	36	0	21.21	21.25	21.16	21.8	1.0
15	QPSK	36	22	22.19	22.25	22.19	22.8	0.0
15	QPSK	36	43	21.12	21.23	21.20	21.8	1.0
15	QPSK	75	0	21.16	21.26	21.23		
15	16QAM	1	1	20.84	20.99	20.96	21.8	1.0
15	64QAM	1	1	19.49	19.54	19.50	20.3	2.5
	256QAM	1	1	17.99	18.12	18.05	18.3	4.5
Channel				140800	141500	142200	Tune-up limit	MPR
Frequency (MHz)				704	707.5	711	(dBm)	(dB)
10	QPSK	1	1	22.10	22.18	22.13	22.8	0.0
Channel				140300	141500	142700	Tune-up limit	MPR
Frequency (MHz)				701.5	707.5	713.5	(dBm)	(dB)
5	QPSK	1	1	22.23	22.22	22.14	22.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.73	21.85	21.81		
20	PI/2 BPSK	1	53	21.84	21.83	21.78	23.0	0.0
20	PI/2 BPSK	1	104	21.79	21.86	21.73		
20	PI/2 BPSK	50	0	21.76	21.97	21.73	23.0	0.0
20	PI/2 BPSK	50	28	21.73	21.89	21.79	23.0	0.0
20	PI/2 BPSK	50	56	21.76	21.87	21.77	23.0	0.0
20	PI/2 BPSK	100	0	21.83	21.87	21.72		
20	QPSK	1	1	21.86	21.98	21.83		
20	QPSK	1	53	21.74	21.83	21.82	23.0	0.0
20	QPSK	1	104	21.72	21.97	21.75		
20	QPSK	50	0	21.70	21.78	21.70	23.0	0.0
20	QPSK	50	28	21.83	21.93	21.80	23.0	0.0
20	QPSK	50	56	21.71	21.84	21.73	23.0	0.0
20	QPSK	100	0	21.75	21.85	21.79		
20	16QAM	1	1	21.81	21.89	21.75	23.0	0.0
20	64QAM	1	1	21.26	21.29	21.23	22.5	0.5
20	256QAM	1	1	19.68	19.83	19.89	20.5	2.5
Channel				164300	166300	168300	Tune-up limit	MPR
Frequency (MHz)				821.5	831.5	841.5	(dBm)	(dB)
15	QPSK	1	1	21.71	21.83	21.81	23.0	0.0
Channel				163800	166300	168800	Tune-up limit	MPR
Frequency (MHz)				819	831.5	844	(dBm)	(dB)
10	QPSK	1	1	21.85	21.87	21.70	23.0	0.0
Channel				163300	166300	169300	Tune-up limit	MPR
Frequency (MHz)				816.5	831.5	846.5	(dBm)	(dB)
5	QPSK	1	1	21.81	21.84	21.82	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.86	22.03	21.96		
20	PI/2 BPSK	1	53	21.81	22.00	22.03	23.5	0.0
20	PI/2 BPSK	1	104	21.77	22.02	22.08		
20	PI/2 BPSK	50	0	21.86	21.98	22.08	23.5	0.0
20	PI/2 BPSK	50	28	21.82	22.03	22.08	23.5	0.0
20	PI/2 BPSK	50	56	21.85	21.96	22.06	23.5	0.0
20	PI/2 BPSK	100	0	21.81	22.10	21.99		
20	QPSK	1	1	21.91	22.11	22.10		
20	QPSK	1	53	21.85	22.04	22.02	23.5	0.0
20	QPSK	1	104	21.77	22.00	22.06		
20	QPSK	50	0	21.75	22.02	21.99	23.5	0.0
20	QPSK	50	28	21.89	22.07	22.06	23.5	0.0
20	QPSK	50	56	21.87	21.96	21.82	23.5	0.0
20	QPSK	100	0	21.91	22.05	21.95		
20	16QAM	1	1	21.75	21.76	21.71	23.5	0.0
20	64QAM	1	1	20.31	20.36	20.31	22.0	1.5
20	256QAM	1	1	18.83	18.93	18.88	20.0	3.5
Channel				164300	166300	168300	Tune-up limit	MPR
Frequency (MHz)				821.5	831.5	841.5	(dBm)	(dB)
15	QPSK	1	1	21.78	22.10	21.95	23.5	0.0
Channel				163800	166300	168800	Tune-up limit	MPR
Frequency (MHz)				819	831.5	844	(dBm)	(dB)
10	QPSK	1	1	21.76	21.98	21.98	23.5	0.0
Channel				163300	166300	169300	Tune-up limit	MPR
Frequency (MHz)				816.5	831.5	846.5	(dBm)	(dB)
5	QPSK	1	1	21.80	22.05	22.04	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	23.33	23.45	23.40	25.0	0.0
40	Pi/2 BPSK	1	108	23.38	23.41	23.38		
40	Pi/2 BPSK	1	214	23.24	23.37	23.24		
40	Pi/2 BPSK	108	0	22.86	22.90	22.84	24.5	0.5
40	Pi/2 BPSK	108	54	23.37	23.44	23.33	25.0	0.0
40	Pi/2 BPSK	108	108	22.78	22.88	22.86	24.5	0.5
40	Pi/2 BPSK	216	0	22.91	22.92	22.90		
40	QPSK	1	1	23.40	23.49	23.47	25.0	0.0
40	QPSK	1	108	23.26	23.37	23.36		
40	QPSK	1	214	23.33	23.45	23.30		
40	QPSK	108	0	22.31	22.38	22.37	24.0	1.0
40	QPSK	108	54	23.41	23.44	23.42	25.0	0.0
40	QPSK	108	108	22.36	22.38	22.27	24.0	1.0
40	QPSK	216	0	22.35	22.41	22.31		
40	16QAM	1	1	22.25	22.27	22.13	24.0	1.0
40	64QAM	1	1	20.78	20.84	20.76	22.5	2.5
40	256QAM	1	1	19.30	19.42	19.34	20.5	4.5
Channel				345500	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.43	23.48	23.37	25.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.36	23.34	23.36	25.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.45	23.44	23.36	25.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.32	23.37	23.32	25.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.38	23.44	23.45	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	17.69	17.79	17.71	19.0	0.0
40	Pi/2 BPSK	1	108	17.70	17.75	17.73		
40	Pi/2 BPSK	1	214	17.77	17.68	17.64		
40	Pi/2 BPSK	108	0	17.80	17.80	17.68	19.0	0.0
40	Pi/2 BPSK	108	54	17.73	17.76	17.65		
40	Pi/2 BPSK	108	108	17.68	17.68	17.68	19.0	0.0
40	Pi/2 BPSK	216	0	17.74	17.78	17.76		
40	QPSK	1	1	17.81	17.83	17.79	19.0	0.0
40	QPSK	1	108	17.78	17.72	17.71		
40	QPSK	1	214	17.78	17.82	17.66		
40	QPSK	108	0	17.77	17.74	17.65	19.0	0.0
40	QPSK	108	54	17.78	17.80	17.70		
40	QPSK	108	108	17.71	17.68	17.58	19.0	0.0
40	QPSK	216	0	17.75	17.76	17.66		
40	16QAM	1	1	17.80	17.70	17.71	19.0	0.0
40	64QAM	1	1	17.72	17.77	17.69	19.0	0.0
40	256QAM	1	1	17.66	17.76	17.71	19.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.71	17.80	17.75	19.0	0.0
Channel				344500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.67	17.80	17.72	19.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.79	17.68	17.75	19.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.73	17.76	17.71	19.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.66	17.68	17.76	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	21.62	21.77	21.66	23.5	0.0
40	Pi/2 BPSK	1	108	21.61	21.66	21.54		
40	Pi/2 BPSK	1	214	21.62	21.74	21.69		
40	Pi/2 BPSK	108	0	21.00	21.14	21.03	23.0	0.5
40	Pi/2 BPSK	108	54	21.55	21.68	21.60	23.5	0.0
40	Pi/2 BPSK	108	108	21.09	21.12	21.02	23.0	0.5
40	Pi/2 BPSK	216	0	21.07	21.14	21.11		
40	QPSK	1	1	21.80	21.86	21.82	23.5	0.0
40	QPSK	1	108	21.58	21.66	21.53		
40	QPSK	1	214	21.59	21.72	21.70		
40	QPSK	108	0	20.59	20.63	20.62	22.5	1.0
40	QPSK	108	54	21.62	21.68	21.64	23.5	0.0
40	QPSK	108	108	20.57	20.71	20.70	22.5	1.0
40	QPSK	216	0	20.68	20.72	20.59		
40	16QAM	1	1	20.52	20.62	20.52	22.5	1.0
40	64QAM	1	1	19.07	19.20	19.13	21.0	2.5
40	256QAM	1	1	17.75	17.79	17.78	19.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.74	21.81	21.69	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.68	21.82	21.74	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.74	21.85	21.77	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.66	21.80	21.70	23.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.75	21.78	21.67	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.43	23.50	23.39		
40	PI/2 BPSK	1	53	23.36	23.46	23.41	25.0	0.0
40	PI/2 BPSK	1	104	23.36	23.43	23.42		
40	PI/2 BPSK	50	0	22.83	22.92	22.83	24.5	0.5
40	PI/2 BPSK	50	28	23.34	23.45	23.38	25.0	0.0
40	PI/2 BPSK	50	56	22.87	22.91	22.88	24.5	0.5
40	PI/2 BPSK	100	0	22.86	22.92	22.88		
40	QPSK	1	1	23.44	23.52	23.50	25.0	0.0
40	QPSK	1	53	23.29	23.43	23.28		
40	QPSK	1	104	23.40	23.47	23.41		
40	QPSK	50	0	22.41	22.43	22.36	24.0	1.0
40	QPSK	50	28	23.40	23.42	23.38	25.0	0.0
40	QPSK	50	56	22.38	22.40	22.25	24.0	1.0
40	QPSK	100	0	22.38	22.41	22.29		
40	16QAM	1	1	22.24	22.25	22.20	24.0	1.0
40	64QAM	1	1	20.69	20.81	20.76	22.5	2.5
40	256QAM	1	1	19.32	19.37	19.22	20.5	4.5
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	23.37	23.37	23.46	25.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	23.41	23.47	23.43	25.0	0.0
Channel				515502	519000	522498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	23.29	23.43	23.38	25.0	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	23.35	23.41	23.45	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.55	18.62	18.55		
40	PI/2 BPSK	1	53	18.47	18.49	18.53	19.5	0.0
40	PI/2 BPSK	1	104	18.47	18.53	18.57		
40	PI/2 BPSK	50	0	18.47	18.49	18.55	19.5	0.0
40	PI/2 BPSK	50	28	18.53	18.55	18.56	19.5	0.0
40	PI/2 BPSK	50	56	18.55	18.49	18.56	19.5	0.0
40	PI/2 BPSK	100	0	18.54	18.61	18.45		
40	QPSK	1	1	18.57	18.64	18.58		
40	QPSK	1	53	18.47	18.53	18.49	19.5	0.0
40	QPSK	1	104	18.45	18.63	18.43		
40	QPSK	50	0	18.49	18.47	18.41	19.5	0.0
40	QPSK	50	28	18.51	18.60	18.56	19.5	0.0
40	QPSK	50	56	18.36	18.46	18.47	19.5	0.0
40	QPSK	100	0	18.46	18.53	18.53		
40	16QAM	1	1	18.49	18.61	18.56	19.5	0.0
40	64QAM	1	1	18.53	18.50	18.46	19.5	0.0
40	256QAM	1	1	18.49	18.62	18.52	19.5	0.0
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	18.47	18.60	18.45	19.5	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	18.54	18.51	18.51	19.5	0.0
Channel				515502	519000	522498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	18.56	18.60	18.44	19.5	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	18.46	18.56	18.56	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.46	19.58	19.51		
40	PI/2 BPSK	1	53	19.49	19.62	19.51	21.0	0.0
40	PI/2 BPSK	1	104	19.37	19.65	19.46		
40	PI/2 BPSK	50	0	19.45	19.61	19.60	21.0	0.0
40	PI/2 BPSK	50	28	19.43	19.55	19.53	21.0	0.0
40	PI/2 BPSK	50	56	19.46	19.53	19.53	21.0	0.0
40	PI/2 BPSK	100	0	19.47	19.61	19.60		
40	QPSK	1	1	19.51	19.68	19.61		
40	QPSK	1	53	19.41	19.55	19.47	21.0	0.0
40	QPSK	1	104	19.48	19.63	19.57		
40	QPSK	50	0	19.40	19.50	19.49	21.0	0.0
40	QPSK	50	28	19.47	19.63	19.54	21.0	0.0
40	QPSK	50	56	19.34	19.38	19.36	21.0	0.0
40	QPSK	100	0	19.35	19.45	19.36		
40	16QAM	1	1	19.23	19.38	19.24	21.0	0.0
40	64QAM	1	1	17.92	17.94	17.80	19.5	1.5
40	256QAM	1	1	16.47	16.48	16.38	17.5	3.5
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	19.39	19.55	19.51	21.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	19.50	19.56	19.47	21.0	0.0
Channel				515502	519000	522498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	19.42	19.62	19.60	21.0	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	19.47	19.67	19.53	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.69	22.74	22.64		
100	PI/2 BPSK	1	137	22.63	22.73	22.66	24.2	0.0
100	PI/2 BPSK	1	271	22.63	22.60	22.70		
100	PI/2 BPSK	135	0	22.60	22.72	22.65	24.2	0.0
100	PI/2 BPSK	135	69	22.70	22.63	22.60	24.2	0.0
100	PI/2 BPSK	135	138	22.60	22.64	22.60	24.2	0.0
100	PI/2 BPSK	270	0	22.61	22.64	22.65		
100	QPSK	1	1	22.80	22.88	22.76		
100	QPSK	1	137	22.68	22.62	22.66	24.2	0.0
100	QPSK	1	271	22.72	22.68	22.67		
100	QPSK	135	0	22.63	22.63	22.69	24.2	0.0
100	QPSK	135	69	22.70	22.73	22.70	24.2	0.0
100	QPSK	135	138	22.67	22.66	22.62		
100	QPSK	270	0	22.66	22.68	22.60	24.2	0.0
100	16QAM	1	1	22.63	22.63	22.72	24.2	0.0
100	64QAM	1	1	22.66	22.60	22.66	24.2	0.0
100	256QAM	1	1	21.50	21.52	21.46	22.7	1.5
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	22.79	22.74	22.79	24.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	22.76	22.79	22.61	24.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	22.72	22.79	22.72	24.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	22.22	22.81	22.71	24.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	22.68	22.79	22.61	24.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	22.76	22.84	22.73	24.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	22.76	22.85	22.70	24.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	22.77	22.80	22.61	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.65	25.76	25.62		
100	PI/2 BPSK	1	137	25.64	25.74	25.68	27.2	0.0
100	PI/2 BPSK	1	271	25.53	25.67	25.54		
100	PI/2 BPSK	135	0	25.18	25.32	25.22	26.7	0.5
100	PI/2 BPSK	135	69	25.71	25.74	25.69	27.2	0.0
100	PI/2 BPSK	135	138	25.18	25.27	25.13	26.7	0.5
100	PI/2 BPSK	270	0	25.30	25.31	25.18		
100	QPSK	1	1	25.78	25.80	25.76		
100	QPSK	1	137	25.70	25.70	25.70	27.2	0.0
100	QPSK	1	271	25.74	25.74	25.74		
100	QPSK	135	0	24.79	24.79	24.79	26.2	1.0
100	QPSK	135	69	25.75	25.78	25.71	27.2	0.0
100	QPSK	135	138	24.66	24.71	24.68	26.2	1.0
100	QPSK	270	0	24.74	24.77	24.66		
100	16QAM	1	1	24.42	24.57	24.56	26.2	1.0
100	64QAM	1	1	23.00	23.03	22.88	24.7	2.5
100	256QAM	1	1	21.55	21.59	21.53	22.7	4.5
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	25.75	25.71	25.76	27.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	25.66	25.67	25.73	27.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	25.72	25.78	25.72	27.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	25.76	25.69	25.65	27.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	25.73	25.66	25.74	27.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	25.71	25.73	25.64	27.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	25.67	25.69	25.61	27.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	25.66	25.76	25.75	27.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.19	18.21	18.19		
100	PI/2 BPSK	1	137	18.10	18.33	18.10	19.2	0.0
100	PI/2 BPSK	1	271	18.17	18.21	18.14		
100	PI/2 BPSK	135	0	18.15	18.31	18.18	19.2	0.0
100	PI/2 BPSK	135	69	18.22	18.35	18.19	19.2	0.0
100	PI/2 BPSK	135	138	18.12	18.24	18.18	19.2	0.0
100	PI/2 BPSK	270	0	18.19	18.21	18.14		
100	QPSK	1	1	18.23	18.36	18.25		
100	QPSK	1	137	18.17	18.24	18.17	19.2	0.0
100	QPSK	1	271	18.09	18.25	18.19		
100	QPSK	135	0	18.12	18.21	18.12	19.2	0.0
100	QPSK	135	69	18.21	18.34	18.21	19.2	0.0
100	QPSK	135	138	18.08	18.27	18.16	19.2	0.0
100	QPSK	270	0	18.15	18.26	18.17		
100	16QAM	1	1	18.12	18.30	18.10	19.2	0.0
100	64QAM	1	1	18.10	18.28	18.10	19.2	0.0
100	256QAM	1	1	18.08	18.23	18.19	19.2	0.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	18.17	18.22	18.16	19.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	18.17	18.21	18.21	19.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	18.16	18.25	18.19	19.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	18.15	18.27	18.15	19.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	18.15	18.26	18.24	19.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	18.16	18.25	18.10	19.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	18.16	18.25	18.19	19.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	18.18	18.25	18.11	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.19	18.21	18.19		
100	PI/2 BPSK	1	137	18.10	18.33	18.10	19.2	0.0
100	PI/2 BPSK	1	271	18.17	18.21	18.14		
100	PI/2 BPSK	135	0	18.15	18.31	18.18	19.2	0.0
100	PI/2 BPSK	135	69	18.22	18.35	18.19	19.2	0.0
100	PI/2 BPSK	135	138	18.12	18.24	18.18	19.2	0.0
100	PI/2 BPSK	270	0	18.19	18.21	18.14		
100	QPSK	1	1	18.23	18.36	18.25		
100	QPSK	1	137	18.17	18.24	18.17	19.2	0.0
100	QPSK	1	271	18.09	18.25	18.19		
100	QPSK	135	0	18.12	18.21	18.12	19.2	0.0
100	QPSK	135	69	18.21	18.34	18.21	19.2	0.0
100	QPSK	135	138	18.08	18.27	18.16	19.2	0.0
100	QPSK	270	0	18.15	18.26	18.17		
100	16QAM	1	1	18.12	18.30	18.10	19.2	0.0
100	64QAM	1	1	18.10	18.28	18.10	19.2	0.0
100	256QAM	1	1	18.08	18.23	18.19	19.2	0.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	18.17	18.22	18.16	19.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	18.17	18.21	18.21	19.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	18.16	18.25	18.19	19.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	18.15	18.27	18.15	19.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	18.15	18.26	18.24	19.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	18.16	18.25	18.10	19.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	18.16	18.25	18.19	19.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	18.18	18.25	18.11	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2548.01	2592.99	2640		
100	Pi/2 BPSK	1	1	19.71	19.73	19.70		
100	Pi/2 BPSK	1	137	19.73	19.69	19.73	20.7	0.0
100	Pi/2 BPSK	1	271	19.75	19.73	19.69		
100	Pi/2 BPSK	135	0	19.75	19.70	19.69	20.7	0.0
100	Pi/2 BPSK	135	69	19.70	19.76	19.73	20.7	0.0
100	Pi/2 BPSK	135	138	19.70	19.73	19.61	20.7	0.0
100	Pi/2 BPSK	270	0	19.80	19.75	19.73		
100	QPSK	1	1	19.82	19.83	19.74		
100	QPSK	1	137	19.73	19.76	19.64	20.7	0.0
100	QPSK	1	271	19.71	19.70	19.70		
100	QPSK	135	0	19.74	19.64	19.70	20.7	0.0
100	QPSK	135	69	19.78	19.79	19.71	20.7	0.0
100	QPSK	135	138	19.75	19.70	19.58	20.7	0.0
100	QPSK	270	0	19.72	19.74	19.70		
100	16QAM	1	1	19.81	19.71	19.67	20.7	0.0
100	64QAM	1	1	19.75	19.75	19.67	20.7	0.0
100	256QAM	1	1	18.92	18.83	18.76	19.7	1.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	19.74	19.74	19.72	20.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	19.79	19.80	19.65	20.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	19.70	19.68	19.70	20.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	19.72	19.74	19.60	20.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	19.76	19.72	19.71	20.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	19.73	19.82	19.68	20.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	19.78	19.78	19.70	20.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	19.72	19.76	19.60	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2548.01	2592.99	2640		
100	Pi/2 BPSK	1	1	19.71	19.73	19.70		
100	Pi/2 BPSK	1	137	19.73	19.69	19.73	20.7	0.0
100	Pi/2 BPSK	1	271	19.75	19.73	19.69		
100	Pi/2 BPSK	135	0	19.75	19.70	19.69	20.7	0.0
100	Pi/2 BPSK	135	69	19.70	19.76	19.73	20.7	0.0
100	Pi/2 BPSK	135	138	19.70	19.73	19.61	20.7	0.0
100	Pi/2 BPSK	270	0	19.80	19.75	19.73		
100	QPSK	1	1	19.82	19.83	19.74		
100	QPSK	1	137	19.73	19.76	19.64	20.7	0.0
100	QPSK	1	271	19.71	19.70	19.70		
100	QPSK	135	0	19.74	19.64	19.70	20.7	0.0
100	QPSK	135	69	19.78	19.79	19.71	20.7	0.0
100	QPSK	135	138	19.75	19.70	19.58	20.7	0.0
100	QPSK	270	0	19.72	19.74	19.70		
100	16QAM	1	1	19.81	19.71	19.67	20.7	0.0
100	64QAM	1	1	19.75	19.75	19.67	20.7	0.0
100	256QAM	1	1	18.92	18.83	18.76	19.7	1.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	19.74	19.74	19.72	20.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	19.79	19.80	19.65	20.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	19.70	19.68	19.70	20.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	19.72	19.74	19.60	20.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	19.76	19.72	19.71	20.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	19.73	19.82	19.68	20.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	19.78	19.78	19.70	20.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	19.72	19.76	19.60	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		15.15			
100	Pi/2 BPSK	1	137		15.14		16.7	0.0
100	Pi/2 BPSK	1	271		15.20			
100	Pi/2 BPSK	135	0		15.20		16.7	0.0
100	Pi/2 BPSK	135	69		15.24		16.7	0.0
100	Pi/2 BPSK	135	138		15.13		16.7	0.0
100	Pi/2 BPSK	270	0		15.13			
100	QPSK	1	1		15.27			
100	QPSK	1	137		15.26		16.7	0.0
100	QPSK	1	271		15.12			
100	QPSK	135	0		15.09		16.7	0.0
100	QPSK	135	69		15.20		16.7	0.0
100	QPSK	135	138		15.15		16.7	0.0
100	QPSK	270	0		15.19			
100	16QAM	1	1		15.13		16.7	0.0
100	64QAM	1	1		15.25		16.7	0.0
100	256QAM	1	1		15.20		16.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	15.13	15.13	15.16	16.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.13	15.23	15.12	16.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.18	15.18	15.18	16.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.18	15.17	15.25	16.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	15.20	15.25	15.12	16.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.14	15.24	15.24	16.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.21	15.19	15.17	16.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.16	15.13	15.15	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3250	3940	3930		
100	Pi/2 BPSK	1	1	15.00	15.10	14.81		
100	Pi/2 BPSK	1	137	14.98	15.11	14.91	16.7	0.0
100	Pi/2 BPSK	1	271	15.03	15.11	14.82		
100	Pi/2 BPSK	135	0	14.95	15.12	14.79	16.7	0.0
100	Pi/2 BPSK	135	69	15.01	15.11	14.84	16.7	0.0
100	Pi/2 BPSK	135	138	14.99	15.15	14.84	16.7	0.0
100	Pi/2 BPSK	270	0	14.97	15.05	14.81		
100	QPSK	1	1	15.09	15.17	14.93		
100	QPSK	1	137	14.98	15.06	14.86	16.7	0.0
100	QPSK	1	271	15.00	15.16	14.78		
100	QPSK	135	0	14.86	15.05	14.77	16.7	0.0
100	QPSK	135	69	15.01	15.11	14.86	16.7	0.0
100	QPSK	135	138	14.87	15.06	14.78	16.7	0.0
100	QPSK	270	0	14.95	15.04	14.84		
100	16QAM	1	1	15.07	15.09	14.79	16.7	0.0
100	64QAM	1	1	15.03	15.07	14.87	16.7	0.0
100	256QAM	1	1	14.95	15.14	14.86	16.7	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	14.95	15.06	14.83	16.7	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	15.03	15.10	14.90	16.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	15.05	15.09	14.88	16.7	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	15.04	15.05	14.87	16.7	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	14.97	15.11	14.84	16.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	15.03	15.10	14.84	16.7	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	15.08	15.06	14.85	16.7	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	14.96	15.07	14.82	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		16.90			
100	Pi/2 BPSK	1	137		16.93		18.7	0.0
100	Pi/2 BPSK	1	271		16.98			
100	Pi/2 BPSK	135	0		16.97		18.7	0.0
100	Pi/2 BPSK	135	69		16.88		18.7	0.0
100	Pi/2 BPSK	135	138		16.97		18.7	0.0
100	Pi/2 BPSK	270	0		16.98			
100	QPSK	1	1		17.02			
100	QPSK	1	137		16.92		18.7	0.0
100	QPSK	1	271		16.97			
100	QPSK	135	0		16.91		18.7	0.0
100	QPSK	135	69		16.97		18.7	0.0
100	QPSK	135	138		16.93		18.7	0.0
100	QPSK	270	0		16.93			
100	16QAM	1	1		16.96		18.7	0.0
100	64QAM	1	1		16.99		18.7	0.0
100	256QAM	1	1		17.00		18.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.87	17.00	16.94	18.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	16.94	16.92	16.92	18.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	16.96	16.91	16.94	18.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	16.87	16.95	16.89	18.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.89	16.97	16.97	18.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.95	16.88	16.88	18.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.93	17.00	17.01	18.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.89	17.01	16.93	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	Pi/2 BPSK	1	1	17.02	17.20	17.03		
100	Pi/2 BPSK	1	137	17.01	17.30	17.03	18.7	0.0
100	Pi/2 BPSK	1	271	17.08	17.23	17.08		
100	Pi/2 BPSK	135	0	17.02	17.24	17.01	18.7	0.0
100	Pi/2 BPSK	135	69	17.10	17.29	17.06	18.7	0.0
100	Pi/2 BPSK	135	138	17.04	17.29	17.12	18.7	0.0
100	Pi/2 BPSK	270	0	17.05	17.16	17.01		
100	QPSK	1	1	17.15	17.31	17.16		
100	QPSK	1	137	17.05	17.17	17.09	18.7	0.0
100	QPSK	1	271	17.00	17.19	17.02		
100	QPSK	135	0	17.07	17.14	17.14	18.7	0.0
100	QPSK	135	69	17.10	17.23	17.15	18.7	0.0
100	QPSK	135	138	17.06	17.10	17.06	18.7	0.0
100	QPSK	270	0	17.04	17.19	17.14		
100	16QAM	1	1	17.08	17.30	17.06	18.7	0.0
100	64QAM	1	1	17.01	17.16	17.14	18.7	0.0
100	256QAM	1	1	17.03	17.20	17.09	18.7	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	17.05	17.30	17.02	18.7	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	17.03	17.18	17.01	18.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	17.13	17.30	17.04	18.7	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	17.11	17.16	17.06	18.7	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	17.12	17.30	17.09	18.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	17.00	17.19	17.06	18.7	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	17.04	17.16	17.01	18.7	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	17.06	17.17	17.15	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		16.12			
100	Pi/2 BPSK	1	137		16.03		16.7	0.0
100	Pi/2 BPSK	1	271		16.11			
100	Pi/2 BPSK	135	0		16.04		16.7	0.0
100	Pi/2 BPSK	135	69		16.06		16.7	0.0
100	Pi/2 BPSK	135	138		16.10		16.7	0.0
100	Pi/2 BPSK	270	0		16.08			
100	QPSK	1	1		16.16			
100	QPSK	1	137		16.05		16.7	0.0
100	QPSK	1	271		16.09			
100	QPSK	135	0		16.07		16.7	0.0
100	QPSK	135	69		16.15		16.7	0.0
100	QPSK	135	138		16.10		16.7	0.0
100	QPSK	270	0		16.11			
100	16QAM	1	1		16.07		16.7	0.0
100	64QAM	1	1		16.05		16.7	0.0
100	256QAM	1	1		15.42		15.7	1.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.07	16.02	16.05	16.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	16.08	16.07	16.10	16.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	16.09	16.05	16.11	16.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	16.07	16.08	16.15	16.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.03	16.10	16.02	16.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.04	16.12	16.09	16.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.13	16.15	16.07	16.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.05	16.10	16.13	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	Pi/2 BPSK	1	1	16.21	16.32	15.80		
100	Pi/2 BPSK	1	137	16.27	16.37	15.70	16.7	0.0
100	Pi/2 BPSK	1	271	16.28	16.32	15.82		
100	Pi/2 BPSK	135	0	16.26	16.30	15.80	16.7	0.0
100	Pi/2 BPSK	135	69	16.19	16.36	15.77	16.7	0.0
100	Pi/2 BPSK	135	138	16.25	16.29	15.71	16.7	0.0
100	Pi/2 BPSK	270	0	16.22	16.38	15.77		
100	QPSK	1	1	16.33	16.44	15.83		
100	QPSK	1	137	16.22	16.37	15.74	16.7	0.0
100	QPSK	1	271	16.30	16.37	15.72		
100	QPSK	135	0	16.26	16.38	15.74	16.7	0.0
100	QPSK	135	69	16.27	16.40	15.79	16.7	0.0
100	QPSK	135	138	16.16	16.28	15.68	16.7	0.0
100	QPSK	270	0	16.19	16.32	15.72		
100	16QAM	1	1	16.22	16.29	15.78	16.7	0.0
100	64QAM	1	1	16.32	16.31	15.78	16.7	0.0
100	256QAM	1	1	15.48	15.60	15.27	15.7	1.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	16.23	16.43	15.78	16.7	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	16.27	16.37	15.69	16.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	16.27	16.36	15.78	16.7	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	16.27	16.39	15.73	16.7	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	16.30	16.34	15.76	16.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	16.27	16.29	15.79	16.7	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	16.18	16.38	15.78	16.7	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	16.31	16.39	15.77	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		16.36			
100	Pi/2 BPSK	1	137		16.29		17.2	0.0
100	Pi/2 BPSK	1	271		16.33			
100	Pi/2 BPSK	135	0		16.34		17.2	0.0
100	Pi/2 BPSK	135	69		16.38		17.2	0.0
100	Pi/2 BPSK	135	138		16.29		17.2	0.0
100	Pi/2 BPSK	270	0		16.34			
100	QPSK	1	1		16.39			
100	QPSK	1	137		16.30		17.2	0.0
100	QPSK	1	271		16.38			
100	QPSK	135	0		16.27		17.2	0.0
100	QPSK	135	69		16.36		17.2	0.0
100	QPSK	135	138		16.25		17.2	0.0
100	QPSK	270	0		16.30			
100	16QAM	1	1		16.27		17.2	0.0
100	64QAM	1	1		16.32		17.2	0.0
100	256QAM	1	1		16.38		17.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.26	16.26	16.25	17.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	16.31	16.24	16.25	17.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	16.25	16.38	16.29	17.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	16.31	16.35	16.37	17.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.28	16.34	16.29	17.2	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.37	16.35	16.36	17.2	0.0
Channel				631000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.31	16.38	16.34	17.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.29	16.35	16.33	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3760	3840	3920		
100	Pi/2 BPSK	1	1	15.91	15.89	15.42		
100	Pi/2 BPSK	1	137	15.91	15.89	15.43	17.2	0.0
100	Pi/2 BPSK	1	271	15.84	15.87	15.44		
100	Pi/2 BPSK	135	0	15.92	15.99	15.42	17.2	0.0
100	Pi/2 BPSK	135	69	15.87	15.92	15.42	17.2	0.0
100	Pi/2 BPSK	135	138	15.88	15.96	15.44	17.2	0.0
100	Pi/2 BPSK	270	0	15.96	16.01	15.37		
100	QPSK	1	1	15.97	16.02	15.49		
100	QPSK	1	137	15.93	16.01	15.47	17.2	0.0
100	QPSK	1	271	15.93	15.95	15.48		
100	QPSK	135	0	15.80	15.97	15.44	17.2	0.0
100	QPSK	135	69	15.91	15.99	15.47	17.2	0.0
100	QPSK	135	138	15.76	15.86	15.41	17.2	0.0
100	QPSK	270	0	15.87	15.96	15.43		
100	16QAM	1	1	15.93	16.00	15.47	17.2	0.0
100	64QAM	1	1	15.87	15.89	15.38	17.2	0.0
100	256QAM	1	1	15.85	15.90	15.38	17.2	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.52	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	15.85	15.96	15.45	17.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.37	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	15.84	15.94	15.34	17.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	15.85	15.88	15.48	17.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	15.88	16.01	15.47	17.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	15.82	16.00	15.34	17.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	15.83	16.00	15.38	17.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	15.89	15.93	15.48	17.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	15.89	15.96	15.43	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		15.13			
100	Pi/2 BPSK	1	137		15.16		16.7	0.0
100	Pi/2 BPSK	1	271		15.24			
100	Pi/2 BPSK	135	0		15.23		16.7	0.0
100	Pi/2 BPSK	135	69		15.14		16.7	0.0
100	Pi/2 BPSK	135	138		15.19		16.7	0.0
100	Pi/2 BPSK	270	0		15.17			
100	QPSK	1	1		15.28			
100	QPSK	1	137		15.14		16.7	0.0
100	QPSK	1	271		15.21			
100	QPSK	135	0		15.21		16.7	0.0
100	QPSK	135	69		15.23		16.7	0.0
100	QPSK	135	138		15.12		16.7	0.0
100	QPSK	270	0		15.20			
100	16QAM	1	1		15.27		16.7	0.0
100	64QAM	1	1		15.13		16.7	0.0
100	256QAM	1	1		15.24		16.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	15.14	15.16	15.22	16.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.23	15.17	15.18	16.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.21	15.15	15.18	16.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.21	15.23	15.23	16.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	15.14	15.27	15.20	16.7	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.13	15.21	15.24	16.7	0.0
Channel				631000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.16	15.15	15.21	16.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.17	15.13	15.24	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		15.13			
100	Pi/2 BPSK	1	137		15.16		16.7	0.0
100	Pi/2 BPSK	1	271		15.24			
100	Pi/2 BPSK	135	0		15.23		16.7	0.0
100	Pi/2 BPSK	135	69		15.14		16.7	0.0
100	Pi/2 BPSK	135	138		15.19		16.7	0.0
100	Pi/2 BPSK	270	0		15.17			
100	QPSK	1	1		15.28			
100	QPSK	1	137		15.14		16.7	0.0
100	QPSK	1	271		15.21			
100	QPSK	135	0		15.21		16.7	0.0
100	QPSK	135	69		15.23		16.7	0.0
100	QPSK	135	138		15.12		16.7	0.0
100	QPSK	270	0		15.20			
100	16QAM	1	1		15.27		16.7	0.0
100	64QAM	1	1		15.13		16.7	0.0
100	256QAM	1	1		15.24		16.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	15.14	15.16	15.22	16.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.23	15.17	15.18	16.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.21	15.15	15.18	16.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.21	15.23	15.23	16.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	15.14	15.27	15.20	16.7	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.13	15.21	15.24	16.7	0.0
Channel				631000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.16	15.15	15.21	16.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.17	15.13	15.24	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		14.99			
100	Pi/2 BPSK	1	137		15.04		16.7	0.0
100	Pi/2 BPSK	1	271		15.04			
100	Pi/2 BPSK	135	0		15.01		16.7	0.0
100	Pi/2 BPSK	135	69		14.96		16.7	0.0
100	Pi/2 BPSK	135	138		15.02		16.7	0.0
100	Pi/2 BPSK	270	0		14.98			
100	QPSK	1	1		15.09			
100	QPSK	1	137		15.02		16.7	0.0
100	QPSK	1	271		15.07			
100	QPSK	135	0		15.02		16.7	0.0
100	QPSK	135	69		15.08		16.7	0.0
100	QPSK	135	138		14.95		16.7	0.0
100	QPSK	270	0		15.04			
100	16QAM	1	1		15.02		16.7	0.0
100	64QAM	1	1		14.99		16.7	0.0
100	256QAM	1	1		14.99		16.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	15.07	15.01	15.05	16.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	15.06	15.07	15.01	16.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	14.99	14.99	14.96	16.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	15.06	14.99	15.02	16.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	15.04	14.96	15.05	16.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	15.02	15.02	14.94	16.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	15.05	15.00	14.97	16.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	14.99	15.00	14.99	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		14.99			
100	Pi/2 BPSK	1	137		15.04		16.7	0.0
100	Pi/2 BPSK	1	271		15.04			
100	Pi/2 BPSK	135	0		15.01		16.7	0.0
100	Pi/2 BPSK	135	69		14.96		16.7	0.0
100	Pi/2 BPSK	135	138		15.02		16.7	0.0
100	Pi/2 BPSK	270	0		14.98			
100	QPSK	1	1		15.09			
100	QPSK	1	137		15.02		16.7	0.0
100	QPSK	1	271		15.07			
100	QPSK	135	0		15.02		16.7	0.0
100	QPSK	135	69		15.08		16.7	0.0
100	QPSK	135	138		14.95		16.7	0.0
100	QPSK	270	0		15.04			
100	16QAM	1	1		15.02		16.7	0.0
100	64QAM	1	1		14.99		16.7	0.0
100	256QAM	1	1		14.99		16.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	15.07	15.01	15.05	16.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	15.06	15.07	15.01	16.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	14.99	14.99	14.96	16.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	15.06	14.99	15.02	16.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	15.04	14.96	15.05	16.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	15.02	15.02	14.94	16.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	15.05	15.00	14.97	16.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	14.99	15.00	14.99	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		16.96			
100	Pi/2 BPSK	1	137		16.97		18.7	0.0
100	Pi/2 BPSK	1	271		17.06			
100	Pi/2 BPSK	135	0		17.04		18.7	0.0
100	Pi/2 BPSK	135	69		17.03		18.7	0.0
100	Pi/2 BPSK	135	138		16.93		18.7	0.0
100	Pi/2 BPSK	270	0		16.92			
100	QPSK	1	1		17.07			
100	QPSK	1	137		17.05		18.7	0.0
100	QPSK	1	271		17.04			
100	QPSK	135	0		16.89		18.7	0.0
100	QPSK	135	69		17.03		18.7	0.0
100	QPSK	135	138		17.02		18.7	0.0
100	QPSK	270	0		16.99			
100	16QAM	1	1		17.03		18.7	0.0
100	64QAM	1	1		17.06		18.7	0.0
100	256QAM	1	1		16.93		18.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.97	17.04	17.06	18.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.04	17.00	16.98	18.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.01	17.06	17.04	18.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.02	17.03	16.95	18.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.99	16.93	17.00	18.7	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.98	16.99	17.02	18.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.99	16.95	16.99	18.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.99	17.04	17.02	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		16.96			
100	Pi/2 BPSK	1	137		16.97		18.7	0.0
100	Pi/2 BPSK	1	271		17.06			
100	Pi/2 BPSK	135	0		17.04		18.7	0.0
100	Pi/2 BPSK	135	69		17.03		18.7	0.0
100	Pi/2 BPSK	135	138		16.93		18.7	0.0
100	Pi/2 BPSK	270	0		16.92			
100	QPSK	1	1		17.07			
100	QPSK	1	137		17.05		18.7	0.0
100	QPSK	1	271		17.04			
100	QPSK	135	0		16.89		18.7	0.0
100	QPSK	135	69		17.03		18.7	0.0
100	QPSK	135	138		17.02		18.7	0.0
100	QPSK	270	0		16.99			
100	16QAM	1	1		17.03		18.7	0.0
100	64QAM	1	1		17.06		18.7	0.0
100	256QAM	1	1		16.93		18.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.97	17.04	17.06	18.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.04	17.00	16.98	18.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.01	17.06	17.04	18.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.02	17.03	16.95	18.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.99	16.93	17.00	18.7	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.98	16.99	17.02	18.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.99	16.95	16.99	18.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.99	17.04	17.02	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		17.01			
100	Pi/2 BPSK	1	137		17.03		18.7	0.0
100	Pi/2 BPSK	1	271		17.05			
100	Pi/2 BPSK	135	0		17.10		18.7	0.0
100	Pi/2 BPSK	135	69		17.06		18.7	0.0
100	Pi/2 BPSK	135	138		17.07		18.7	0.0
100	Pi/2 BPSK	270	0		17.08			
100	QPSK	1	1		17.14			
100	QPSK	1	137		17.13		18.7	0.0
100	QPSK	1	271		17.00			
100	QPSK	135	0		16.99		18.7	0.0
100	QPSK	135	69		17.13		18.7	0.0
100	QPSK	135	138		17.03		18.7	0.0
100	QPSK	270	0		17.07			
100	16QAM	1	1		17.02		18.7	0.0
100	64QAM	1	1		17.12		18.7	0.0
100	256QAM	1	1		17.08		18.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	17.02	17.04	16.99	18.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	17.09	17.12	17.06	18.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	17.12	16.99	17.06	18.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	17.05	17.01	17.11	18.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	17.00	17.07	17.00	18.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.04	17.10	17.00	18.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	17.08	17.12	17.09	18.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	17.06	17.00	17.07	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		17.01			
100	Pi/2 BPSK	1	137		17.03		18.7	0.0
100	Pi/2 BPSK	1	271		17.05			
100	Pi/2 BPSK	135	0		17.10		18.7	0.0
100	Pi/2 BPSK	135	69		17.06		18.7	0.0
100	Pi/2 BPSK	135	138		17.07		18.7	0.0
100	Pi/2 BPSK	270	0		17.08			
100	QPSK	1	1		17.14			
100	QPSK	1	137		17.13		18.7	0.0
100	QPSK	1	271		17.00			
100	QPSK	135	0		16.99		18.7	0.0
100	QPSK	135	69		17.13		18.7	0.0
100	QPSK	135	138		17.03		18.7	0.0
100	QPSK	270	0		17.07			
100	16QAM	1	1		17.02		18.7	0.0
100	64QAM	1	1		17.12		18.7	0.0
100	256QAM	1	1		17.08		18.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	17.02	17.04	16.99	18.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	17.09	17.12	17.06	18.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	17.12	16.99	17.06	18.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	17.05	17.01	17.11	18.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	17.00	17.07	17.00	18.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.04	17.10	17.00	18.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	17.08	17.12	17.09	18.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	17.06	17.00	17.07	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		16.02			
100	Pi/2 BPSK	1	137		16.05		16.7	0.0
100	Pi/2 BPSK	1	271		16.08			
100	Pi/2 BPSK	135	0		16.02		16.7	0.0
100	Pi/2 BPSK	135	69		16.05		16.7	0.0
100	Pi/2 BPSK	135	138		16.03		16.7	0.0
100	Pi/2 BPSK	270	0		16.12			
100	QPSK	1	1		16.15			
100	QPSK	1	137		16.08		16.7	0.0
100	QPSK	1	271		16.02			
100	QPSK	135	0		16.03		16.7	0.0
100	QPSK	135	69		16.14		16.7	0.0
100	QPSK	135	138		16.01		16.7	0.0
100	QPSK	270	0		16.09			
100	16QAM	1	1		16.03		16.7	0.0
100	64QAM	1	1		16.09		16.7	0.0
100	256QAM	1	1		16.10		16.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.14	16.03	16.09	16.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	16.13	16.10	16.11	16.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	16.01	16.06	16.12	16.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	16.09	16.00	16.12	16.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.12	16.14	16.02	16.7	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.14	16.11	16.04	16.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.04	16.09	16.00	16.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.10	16.13	16.07	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		16.00			
100	Pi/2 BPSK	1	137		16.05		16.7	0.0
100	Pi/2 BPSK	1	271		16.08			
100	Pi/2 BPSK	135	0		16.02		16.7	0.0
100	Pi/2 BPSK	135	69		16.05		16.7	0.0
100	Pi/2 BPSK	135	138		16.03		16.7	0.0
100	Pi/2 BPSK	270	0		16.12			
100	QPSK	1	1		16.15			
100	QPSK	1	137		16.08		16.7	0.0
100	QPSK	1	271		16.02			
100	QPSK	135	0		16.03		16.7	0.0
100	QPSK	135	69		16.14		16.7	0.0
100	QPSK	135	138		16.01		16.7	0.0
100	QPSK	270	0		16.09			
100	16QAM	1	1		16.03		16.7	0.0
100	64QAM	1	1		16.09		16.7	0.0
100	256QAM	1	1		16.10		16.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.14	16.03	16.09	16.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	16.13	16.10	16.11	16.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	16.01	16.06	16.12	16.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	16.09	16.00	16.12	16.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.12	16.14	16.02	16.7	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.14	16.11	16.04	16.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.04	16.09	16.00	16.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.10	16.13	16.07	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.15			
100	PI/2 BPSK	1	137		16.22		16.7	0.0
100	PI/2 BPSK	1	271		16.15			
100	PI/2 BPSK	135	0		16.19		16.7	0.0
100	PI/2 BPSK	135	69		16.16		16.7	0.0
100	PI/2 BPSK	135	138		16.18		16.7	0.0
100	PI/2 BPSK	270	0		16.20			
100	QPSK	1	1		16.28			
100	QPSK	1	137		16.22		16.7	0.0
100	QPSK	1	271		16.16			
100	QPSK	135	0		16.16		16.7	0.0
100	QPSK	135	69		16.25		16.7	0.0
100	QPSK	135	138		16.19		16.7	0.0
100	QPSK	270	0		16.22			
100	16QAM	1	1		16.19		16.7	0.0
100	64QAM	1	1		16.27		16.7	0.0
100	256QAM	1	1		16.20		16.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	16.26	16.26	16.15	16.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	16.20	16.18	16.24	16.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	16.22	16.18	16.21	16.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3735.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	16.18	16.17	16.14	16.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	16.23	16.23	16.26	16.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	16.16	16.16	16.26	16.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	16.13	16.26	16.27	16.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	16.24	16.17	16.27	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.15			
100	PI/2 BPSK	1	137		16.22		16.7	0.0
100	PI/2 BPSK	1	271		16.15			
100	PI/2 BPSK	135	0		16.19		16.7	0.0
100	PI/2 BPSK	135	69		16.16		16.7	0.0
100	PI/2 BPSK	135	138		16.18		16.7	0.0
100	PI/2 BPSK	270	0		16.20			
100	QPSK	1	1		16.28			
100	QPSK	1	137		16.22		16.7	0.0
100	QPSK	1	271		16.16			
100	QPSK	135	0		16.16		16.7	0.0
100	QPSK	135	69		16.25		16.7	0.0
100	QPSK	135	138		16.19		16.7	0.0
100	QPSK	270	0		16.22			
100	16QAM	1	1		16.19		16.7	0.0
100	64QAM	1	1		16.27		16.7	0.0
100	256QAM	1	1		16.20		16.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	16.26	16.26	16.15	16.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	16.20	16.18	16.24	16.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	16.22	16.18	16.21	16.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	16.18	16.17	16.14	16.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	16.23	16.23	16.26	16.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	16.16	16.16	16.26	16.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	16.13	16.26	16.27	16.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	16.24	16.17	16.27	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.65			
100	PI/2 BPSK	1	137		14.71		15.7	0.0
100	PI/2 BPSK	1	271		14.71			
100	PI/2 BPSK	135	0		14.70		15.7	0.0
100	PI/2 BPSK	135	69		14.67		15.7	0.0
100	PI/2 BPSK	135	138		14.78		15.7	0.0
100	PI/2 BPSK	270	0		14.76			
100	QPSK	1	1		14.80			
100	QPSK	1	137		14.79		15.7	0.0
100	QPSK	1	271		14.71			
100	QPSK	135	0		14.82		15.7	0.0
100	QPSK	135	69		14.76		15.7	0.0
100	QPSK	135	138		14.69		15.7	0.0
100	QPSK	270	0		14.73			
100	16QAM	1	1		14.74		15.7	0.0
100	64QAM	1	1		14.66		15.7	0.0
100	256QAM	1	1		14.67		15.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	14.76	14.72	14.76	15.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	14.67	14.72	14.69	15.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	14.73	14.72	14.68	15.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	14.79	14.66	14.68	15.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	14.76	14.76	14.74	15.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	14.75	14.78	14.69	15.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	14.69	14.70	14.67	15.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	14.75	14.69	14.65	15.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.65			
100	PI/2 BPSK	1	137		14.71		15.7	0.0
100	PI/2 BPSK	1	271		14.71			
100	PI/2 BPSK	135	0		14.70		15.7	0.0
100	PI/2 BPSK	135	69		14.67		15.7	0.0
100	PI/2 BPSK	135	138		14.78		15.7	0.0
100	PI/2 BPSK	270	0		14.78			
100	QPSK	1	1		14.80			
100	QPSK	1	137		14.79		15.7	0.0
100	QPSK	1	271		14.71			
100	QPSK	135	0		14.62		15.7	0.0
100	QPSK	135	69		14.76		15.7	0.0
100	QPSK	135	138		14.69		15.7	0.0
100	QPSK	270	0		14.73			
100	16QAM	1	1		14.74		15.7	0.0
100	64QAM	1	1		14.66		15.7	0.0
100	256QAM	1	1		14.67		15.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	14.76	14.72	14.76	15.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	14.67	14.72	14.69	15.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	14.73	14.72	14.68	15.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	14.79	14.66	14.68	15.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	14.76	14.76	14.74	15.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	14.75	14.78	14.69	15.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	14.69	14.70	14.67	15.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	14.75	14.69	14.65	15.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.54			
100	PI/2 BPSK	1	137		14.46		15.7	0.0
100	PI/2 BPSK	1	271		14.55			
100	PI/2 BPSK	135	0		14.57		15.7	0.0
100	PI/2 BPSK	135	69		14.48		15.7	0.0
100	PI/2 BPSK	135	138		14.48		15.7	0.0
100	PI/2 BPSK	270	0		14.54			
100	QPSK	1	1		14.61			
100	QPSK	1	137		14.55		15.7	0.0
100	QPSK	1	271		14.58			
100	QPSK	135	0		14.53		15.7	0.0
100	QPSK	135	69		14.54		15.7	0.0
100	QPSK	135	138		14.45		15.7	0.0
100	QPSK	270	0		14.46			
100	16QAM	1	1		14.54		15.7	0.0
100	64QAM	1	1		14.55		15.7	0.0
100	256QAM	1	1		14.52		15.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	14.54	14.47	14.48	15.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	14.54	14.55	14.55	15.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	14.57	14.46	14.60	15.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	14.49	14.52	14.48	15.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	14.48	14.47	14.58	15.7	0.0
Channel				648002	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	14.51	14.54	14.46	15.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	14.53	14.54	14.58	15.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	14.51	14.53	14.60	15.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.54			
100	PI/2 BPSK	1	137		14.46		15.7	0.0
100	PI/2 BPSK	1	271		14.55			
100	PI/2 BPSK	135	0		14.57		15.7	0.0
100	PI/2 BPSK	135	69		14.48		15.7	0.0
100	PI/2 BPSK	135	138		14.48		15.7	0.0
100	PI/2 BPSK	270	0		14.54			
100	QPSK	1	1		14.61			
100	QPSK	1	137		14.55		15.7	0.0
100	QPSK	1	271		14.58			
100	QPSK	135	0		14.53		15.7	0.0
100	QPSK	135	69		14.54		15.7	0.0
100	QPSK	135	138		14.45		15.7	0.0
100	QPSK	270	0		14.46			
100	16QAM	1	1		14.54		15.7	0.0
100	64QAM	1	1		14.55		15.7	0.0
100	256QAM	1	1		14.52		15.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	14.54	14.47	14.48	15.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	14.54	14.55	14.55	15.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	14.57	14.46	14.60	15.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	14.49	14.52	14.48	15.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	14.48	14.47	14.58	15.7	0.0
Channel				648002	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	14.51	14.54	14.46	15.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	14.53	14.54	14.58	15.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	14.51	14.53	14.60	15.7	0.0

Reduced Power Mode for ECI8

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.83	19.74	19.69		
20	PI/2 BPSK	1	53	19.83	19.79	19.75	21.3	0.0
20	PI/2 BPSK	1	104	19.76	19.81	19.76		
20	PI/2 BPSK	50	0	19.76	19.78	19.65	21.3	0.0
20	PI/2 BPSK	50	28	19.73	19.85	19.64	21.3	0.0
20	PI/2 BPSK	50	56	19.76	19.79	19.68		
20	PI/2 BPSK	100	0	19.74	19.79	19.68	21.3	0.0
20	QPSK	1	1	19.87	19.89	19.79		
20	QPSK	1	53	19.74	19.76	19.74	21.3	0.0
20	QPSK	1	104	19.80	19.75	19.78		
20	QPSK	50	0	19.79	19.81	19.74	21.3	0.0
20	QPSK	50	28	19.83	19.87	19.76	21.3	0.0
20	QPSK	50	56	19.81	19.83	19.74	21.3	0.0
20	QPSK	100	0	19.78	19.83	19.65		
20	16QAM	1	1	19.75	19.80	19.77	21.3	0.0
20	64QAM	1	1	19.84	19.79	19.71	21.3	0.0
20	256QAM	1	1	18.15	18.25	18.11	19.3	2.0
Channel				371500	376000	380500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	1	19.72	19.79	19.76	21.3	0.0
Channel				371000	376000	381000	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	1	19.73	19.78	19.68	21.3	0.0
Channel				370500	376000	381500	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	1	19.72	19.74	19.72	21.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.69	21.73	21.57		
20	PI/2 BPSK	1	53	21.65	21.68	21.60	22.8	0.0
20	PI/2 BPSK	1	104	21.79	21.67	21.54		
20	PI/2 BPSK	50	0	21.65	21.70	21.62	22.8	0.0
20	PI/2 BPSK	50	28	21.69	21.72	21.63	22.8	0.0
20	PI/2 BPSK	50	56	21.69	21.67	21.59	22.8	0.0
20	PI/2 BPSK	100	0	21.67	21.77	21.59		
20	QPSK	1	1	21.76	21.80	21.66		
20	QPSK	1	53	21.68	21.68	21.59	22.8	0.0
20	QPSK	1	104	21.71	21.74	21.63		
20	QPSK	50	0	21.68	21.65	21.43	22.8	0.0
20	QPSK	50	28	21.72	21.76	21.58	22.8	0.0
20	QPSK	50	56	21.69	21.62	21.55	22.8	0.0
20	QPSK	100	0	21.66	21.74	21.63		
20	16QAM	1	1	21.66	21.69	21.61	22.8	0.0
20	64QAM	1	1	20.06	20.14	20.06	21.3	1.5
20	256QAM	1	1	18.55	18.68	18.60	19.3	3.5
Channel				371500	376000	380500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	1	21.67	21.67	21.64	22.8	0.0
Channel				371000	376000	381000	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	1	21.71	21.77	21.51	22.8	0.0
Channel				370500	376000	381500	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	1	21.77	21.74	21.56	22.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.57	19.57	19.47		
20	PI/2 BPSK	1	53	19.49	19.59	19.43	20.8	0.0
20	PI/2 BPSK	1	104	19.48	19.62	19.51		
20	PI/2 BPSK	50	0	19.46	19.53	19.50	20.8	0.0
20	PI/2 BPSK	50	28	19.47	19.63	19.43	20.8	0.0
20	PI/2 BPSK	50	56	19.60	19.61	19.51	20.8	0.0
20	PI/2 BPSK	100	0	19.59	19.53	19.53		
20	QPSK	1	1	19.61	19.65	19.54		
20	QPSK	1	53	19.55	19.53	19.48	20.8	0.0
20	QPSK	1	104	19.52	19.57	19.46		
20	QPSK	50	0	19.48	19.60	19.45	20.8	0.0
20	QPSK	50	28	19.57	19.64	19.53	20.8	0.0
20	QPSK	50	56	19.53	19.51	19.43	20.8	0.0
20	QPSK	100	0	19.51	19.61	19.50		
20	16QAM	1	1	19.59	19.54	19.43	20.8	0.0
20	64QAM	1	1	17.74	17.85	17.75	19.3	1.5
20	256QAM	1	1	16.33	16.47	16.34	17.3	3.5
Channel				371500	376000	380500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	1	19.48	19.51	19.39	20.8	0.0
Channel				371000	376000	381000	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	1	19.57	19.60	19.49	20.8	0.0
Channel				370500	376000	381500	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	1	19.57	19.63	19.40	20.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.34	21.46	21.35		
20	PI/2 BPSK	1	53	21.29	21.44	21.35	22.5	0.0
20	PI/2 BPSK	1	104	21.31	21.38	21.35		
20	PI/2 BPSK	50	0	21.32	21.38	21.34	22.5	0.0
20	PI/2 BPSK	50	28	21.23	21.47	21.41	22.5	0.0
20	PI/2 BPSK	50	56	21.35	21.47	21.32	22.5	0.0
20	PI/2 BPSK	100	0	21.24	21.47	21.41		
20	QPSK	1	1	21.38	21.50	21.47		
20	QPSK	1	53	21.25	21.44	21.39	22.5	0.0
20	QPSK	1	104	21.27	21.44	21.36		
20	QPSK	50	0	21.25	21.43	21.42	22.5	0.0
20	QPSK	50	28	21.32	21.46	21.44	22.5	0.0
20	QPSK	50	56	21.26	21.35	21.39	22.5	0.0
20	QPSK	100	0	21.30	21.44	21.43		
20	16QAM	1	1	21.33	21.49	21.35	22.5	0.0
20	64QAM	1	1	21.23	21.38	21.39	22.5	0.0
20	256QAM	1	1	19.82	19.85	19.78	20.5	2.0
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	21.23	21.45	21.34	22.5	0.0
Channel				165800	167300	168800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	21.23	21.46	21.32	22.5	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	21.30	21.47	21.44	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				824	836.5	849		
20	Pi/2 BPSK	1	1	21.37	21.37	21.36		
20	Pi/2 BPSK	1	53	21.43	21.48	21.32	23.0	0.0
20	Pi/2 BPSK	1	104	21.38	21.42	21.35		
20	Pi/2 BPSK	50	0	21.46	21.37	21.27	23.0	0.0
20	Pi/2 BPSK	50	28	21.50	21.46	21.36	23.0	0.0
20	Pi/2 BPSK	50	56	21.44	21.40	21.26		
20	Pi/2 BPSK	100	0	21.42	21.41	21.28		
20	QPSK	1	1	21.51	21.52	21.41		
20	QPSK	1	53	21.42	21.44	21.31	23.0	0.0
20	QPSK	1	104	21.36	21.42	21.35		
20	QPSK	50	0	21.44	21.45	21.32	23.0	0.0
20	QPSK	50	28	21.45	21.50	21.35	23.0	0.0
20	QPSK	50	56	21.38	21.38	21.29	23.0	0.0
20	QPSK	100	0	21.40	21.49	21.29		
20	16QAM	1	1	21.50	21.41	21.35	23.0	0.0
20	64QAM	1	1	20.25	20.35	20.32	22.0	1.0
20	256QAM	1	1	18.83	18.92	18.91	20.0	3.0
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	21.40	21.37	21.26	23.0	0.0
Channel				165800	167300	168800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	21.40	21.51	21.26	23.0	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	21.48	21.45	21.38	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	Pi/2 BPSK	1	1	18.87	18.83	18.85		
40	Pi/2 BPSK	1	108	18.82	18.78	18.78	20.5	0.0
40	Pi/2 BPSK	1	214	18.83	18.85	18.80		
40	Pi/2 BPSK	108	0	18.84	18.91	18.85	20.5	0.0
40	Pi/2 BPSK	108	54	18.79	18.88	18.83	20.5	0.0
40	Pi/2 BPSK	108	108	18.86	18.92	18.87	20.5	0.0
40	Pi/2 BPSK	216	0	18.79	18.89	18.78		
40	QPSK	1	1	18.89	18.93	18.90		
40	QPSK	1	108	18.88	18.83	18.83	20.5	0.0
40	QPSK	1	214	18.76	18.84	18.76		
40	QPSK	108	0	18.76	18.88	18.78	20.5	0.0
40	QPSK	108	54	18.84	18.89	18.87	20.5	0.0
40	QPSK	108	108	18.78	18.80	18.81	20.5	0.0
40	QPSK	216	0	18.78	18.84	18.79		
40	16QAM	1	1	18.78	18.82	18.78	20.5	0.0
40	64QAM	1	1	18.74	18.89	18.86	20.5	0.0
40	256QAM	1	1	18.82	18.80	18.84	20.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	18.88	18.84	18.88	20.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	18.79	18.88	18.82	20.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	1	18.81	18.84	18.77	20.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	18.84	18.81	18.84	20.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	18.79	18.81	18.84	20.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	18.83	18.80	18.77	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	Pi/2 BPSK	1	1	20.15	20.19	20.07		
40	Pi/2 BPSK	1	108	20.25	20.17	20.07	21.5	0.0
40	Pi/2 BPSK	1	214	20.19	20.23	20.12		
40	Pi/2 BPSK	108	0	20.19	20.24	20.05	21.5	0.0
40	Pi/2 BPSK	108	54	20.22	20.26	20.05	21.5	0.0
40	Pi/2 BPSK	108	108	20.20	20.17	20.13	21.5	0.0
40	Pi/2 BPSK	216	0	20.24	20.22	20.14		
40	QPSK	1	1	20.28	20.32	20.15		
40	QPSK	1	108	20.27	20.17	20.06	21.5	0.0
40	QPSK	1	214	20.23	20.26	20.02		
40	QPSK	108	0	20.14	20.30	20.02	21.5	0.0
40	QPSK	108	54	20.24	20.31	20.13	21.5	0.0
40	QPSK	108	108	20.13	20.26	20.11	21.5	0.0
40	QPSK	216	0	20.22	20.27	20.08		
40	16QAM	1	1	20.22	20.25	20.00	21.5	0.0
40	64QAM	1	1	20.21	20.22	20.13	21.5	0.0
40	256QAM	1	1	19.59	19.62	19.52	20.5	1.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	20.27	20.17	20.00	21.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	20.14	20.23	20.11	21.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	1	20.25	20.19	20.04	21.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	20.26	20.30	20.10	21.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	20.13	20.18	20.08	21.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	20.13	20.20	20.00	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	Pi/2 BPSK	1	1	19.78	19.83	19.70		
40	Pi/2 BPSK	1	108	19.72	19.87	19.75	21.0	0.0
40	Pi/2 BPSK	1	214	19.72	19.77	19.72		
40	Pi/2 BPSK	108	0	19.85	19.89	19.71	21.0	0.0
40	Pi/2 BPSK	108	54	19.73	19.86	19.79	21.0	0.0
40	Pi/2 BPSK	108	108	19.85	19.87	19.77	21.0	0.0
40	Pi/2 BPSK	216	0	19.74	19.85	19.69		
40	QPSK	1	1	19.87	19.91	19.81		
40	QPSK	1	108	19.83	19.90	19.78	21.0	0.0
40	QPSK	1	214	19.83	19.90	19.73		
40	QPSK	108	0	19.70	19.76	19.71	21.0	0.0
40	QPSK	108	54	19.82	19.88	19.75	21.0	0.0
40	QPSK	108	108	19.79	19.77	19.82	21.0	0.0
40	QPSK	216	0	19.72	19.77	19.73		
40	16QAM	1	1	19.45	19.60	19.56	21.0	0.0
40	64QAM	1	1	18.13	18.16	18.08	19.5	1.5
40	256QAM	1	1	16.70	16.72	16.69	17.5	3.5
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	19.81	19.83	19.69	21.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	19.82	19.90	19.78	21.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	1	19.82	19.81	19.78	21.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	19.86	19.84	19.67	21.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	19.77	19.82	19.71	21.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	19.81	19.77	19.72	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141500	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	Pi/2 BPSK	1	1	21.41	21.40	21.29	22.3	0.0
15	Pi/2 BPSK	1	40	21.34	21.36	21.34		
15	Pi/2 BPSK	1	77	21.40	21.39	21.33		
15	Pi/2 BPSK	36	0	21.32	21.41	21.30	22.3	0.0
15	Pi/2 BPSK	36	22	21.34	21.38	21.22	22.3	0.0
15	Pi/2 BPSK	36	43	21.44	21.37	21.23	22.3	0.0
15	Pi/2 BPSK	75	0	21.40	21.39	21.27		
15	QPSK	1	1	21.47	21.50	21.37	22.3	0.0
15	QPSK	1	40	21.42	21.42	21.27		
15	QPSK	1	77	21.37	21.37	21.23		
15	QPSK	36	0	21.31	21.35	21.23	22.3	0.0
15	QPSK	36	22	21.43	21.47	21.33	22.3	0.0
15	QPSK	36	43	21.34	21.42	21.28	22.3	0.0
15	QPSK	75	0	21.42	21.43	21.25		
15	16QAM	1	1	21.36	21.41	21.28	22.3	0.0
15	64QAM	1	1	20.13	20.23	20.11	21.3	1.0
15	256QAM	1	1	18.73	18.81	18.70	19.3	3.0
Channel				140800	141500	142200	Tune-up limit	MPR
Frequency (MHz)				704	707.5	711	(dBm)	(dB)
10	QPSK	1	1	21.45	21.42	21.32	22.3	0.0
Channel				140300	141500	142700	Tune-up limit	MPR
Frequency (MHz)				701.5	707.5	713.5	(dBm)	(dB)
5	QPSK	1	1	21.45	21.49	21.22	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	Pi/2 BPSK	1	1	22.20	22.21	22.18	22.8	0.0
15	Pi/2 BPSK	1	40	22.13	22.23	22.14		
15	Pi/2 BPSK	1	77	22.06	22.15	22.07		
15	Pi/2 BPSK	36	0	21.68	21.78	21.65	22.3	0.5
15	Pi/2 BPSK	36	22	22.20	22.26	22.20	22.8	0.0
15	Pi/2 BPSK	36	43	21.71	21.74	21.65	22.3	0.5
15	Pi/2 BPSK	75	0	21.62	21.77	21.73		
15	QPSK	1	1	22.25	22.29	22.20	22.8	0.0
15	QPSK	1	40	22.17	22.24	22.12		
15	QPSK	1	77	22.05	22.12	21.97		
15	QPSK	36	0	21.21	21.25	21.16	21.8	1.0
15	QPSK	36	22	22.19	22.25	22.19	22.8	0.0
15	QPSK	36	43	21.12	21.23	21.20	21.8	1.0
15	QPSK	75	0	21.16	21.26	21.23		
15	16QAM	1	1	20.84	20.99	20.96	21.8	1.0
15	64QAM	1	1	19.49	19.54	19.50	20.3	2.5
15	256QAM	1	1	17.99	18.12	18.05	18.3	4.5
Channel				140900	141500	142200	Tune-up limit	MPR
Frequency (MHz)				704	707.5	711	(dBm)	(dB)
10	QPSK	1	1	22.10	22.18	22.13	22.8	0.0
Channel				140300	141500	142700	Tune-up limit	MPR
Frequency (MHz)				701.5	707.5	713.5	(dBm)	(dB)
5	QPSK	1	1	22.23	22.22	22.14	22.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	Pi/2 BPSK	1	1	21.38	21.41	21.27	22.5	0.0
20	Pi/2 BPSK	1	53	21.35	21.44	21.32		
20	Pi/2 BPSK	1	104	21.28	21.37	21.30		
20	Pi/2 BPSK	50	0	21.27	21.41	21.32	22.5	0.0
20	Pi/2 BPSK	50	28	21.36	21.51	21.25	22.5	0.0
20	Pi/2 BPSK	50	56	21.24	21.43	21.34	22.5	0.0
20	Pi/2 BPSK	100	0	21.35	21.50	21.28		
20	QPSK	1	1	21.39	21.52	21.38	22.5	0.0
20	QPSK	1	53	21.26	21.41	21.33		
20	QPSK	1	104	21.25	21.50	21.24		
20	QPSK	50	0	21.23	21.40	21.20	22.5	0.0
20	QPSK	50	28	21.34	21.46	21.30	22.5	0.0
20	QPSK	50	56	21.27	21.31	21.20	22.5	0.0
20	QPSK	100	0	21.27	21.41	21.27		
20	16QAM	1	1	21.28	21.49	21.23	22.5	0.0
20	64QAM	1	1	21.32	21.44	21.37	22.5	0.0
20	256QAM	1	1	19.68	19.83	19.69	20.5	2.0
Channel				164300	166300	168300	Tune-up limit	MPR
Frequency (MHz)				821.5	831.5	841.5	(dBm)	(dB)
15	QPSK	1	1	21.29	21.40	21.33	22.5	0.0
Channel				163800	166300	168800	Tune-up limit	MPR
Frequency (MHz)				819	831.5	844	(dBm)	(dB)
10	QPSK	1	1	21.35	21.46	21.25	22.5	0.0
Channel				163300	166300	169300	Tune-up limit	MPR
Frequency (MHz)				816.5	831.5	846.5	(dBm)	(dB)
5	QPSK	1	1	21.34	21.39	21.23	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	Pi/2 BPSK	1	1	21.32	21.57	21.42	23.0	0.0
20	Pi/2 BPSK	1	53	21.32	21.56	21.41		
20	Pi/2 BPSK	1	104	21.36	21.46	21.36		
20	Pi/2 BPSK	50	0	21.40	21.49	21.35	23.0	0.0
20	Pi/2 BPSK	50	28	21.37	21.57	21.39	23.0	0.0
20	Pi/2 BPSK	50	56	21.32	21.49	21.45	23.0	0.0
20	Pi/2 BPSK	100	0	21.36	21.46	21.42		
20	QPSK	1	1	21.46	21.58	21.48	23.0	0.0
20	QPSK	1	53	21.39	21.54	21.45		
20	QPSK	1	104	21.45	21.51	21.41		
20	QPSK	50	0	21.36	21.46	21.38	23.0	0.0
20	QPSK	50	28	21.39	21.54	21.41	23.0	0.0
20	QPSK	50	56	21.36	21.48	21.33	23.0	0.0
20	QPSK	100	0	21.31	21.52	21.40		
20	16QAM	1	1	21.43	21.48	21.44	23.0	0.0
20	64QAM	1	1	20.31	20.36	20.31	22.0	1.0
20	256QAM	1	1	18.83	18.93	18.88	20.0	3.0
Channel				164300	166300	168300	Tune-up limit	MPR
Frequency (MHz)				821.5	831.5	841.5	(dBm)	(dB)
15	QPSK	1	1	21.43	21.45	21.38	23.0	0.0
Channel				163800	166300	168800	Tune-up limit	MPR
Frequency (MHz)				819	831.5	844	(dBm)	(dB)
10	QPSK	1	1	21.34	21.50	21.44	23.0	0.0
Channel				163300	166300	169300	Tune-up limit	MPR
Frequency (MHz)				816.5	831.5	846.5	(dBm)	(dB)
5	QPSK	1	1	21.37	21.57	21.35	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.24	19.30	19.37	21.0	0.0
40	PI/2 BPSK	1	108	19.27	19.34	19.38		
40	PI/2 BPSK	1	214	19.36	19.33	19.32		
40	PI/2 BPSK	108	0	19.26	19.36	19.25	21.0	0.0
40	PI/2 BPSK	108	54	19.26	19.38	19.32	21.0	0.0
40	PI/2 BPSK	108	108	19.30	19.33	19.29	21.0	0.0
40	PI/2 BPSK	216	0	19.25	19.39	19.37		
40	QPSK	1	1	19.37	19.44	19.40	21.0	0.0
40	QPSK	1	108	19.25	19.39	19.38		
40	QPSK	1	214	19.24	19.40	19.30		
40	QPSK	108	0	19.24	19.39	19.25	21.0	0.0
40	QPSK	108	54	19.34	19.43	19.36	21.0	0.0
40	QPSK	108	108	19.24	19.29	19.25	21.0	0.0
40	QPSK	216	0	19.27	19.40	19.33		
40	16QAM	1	1	19.25	19.30	19.38	21.0	0.0
40	64QAM	1	1	19.31	19.36	19.34	21.0	0.0
40	256QAM	1	1	19.30	19.42	19.34	20.5	0.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.24	19.40	19.26	21.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.29	19.35	19.34	21.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.29	19.40	19.39	21.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.24	19.29	19.28	21.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.27	19.37	19.29	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.73	20.76	20.79	22.0	0.0
40	PI/2 BPSK	1	108	20.72	20.79	20.71		
40	PI/2 BPSK	1	214	20.72	20.77	20.73		
40	PI/2 BPSK	108	0	20.63	20.84	20.78	22.0	0.0
40	PI/2 BPSK	108	54	20.75	20.76	20.68	22.0	0.0
40	PI/2 BPSK	108	108	20.76	20.79	20.71	22.0	0.0
40	PI/2 BPSK	216	0	20.71	20.71	20.72		
40	QPSK	1	1	20.78	20.86	20.81	22.0	0.0
40	QPSK	1	108	20.67	20.79	20.76		
40	QPSK	1	214	20.76	20.75	20.71		
40	QPSK	108	0	20.62	20.75	20.77	22.0	0.0
40	QPSK	108	54	20.73	20.84	20.80	22.0	0.0
40	QPSK	108	108	20.61	20.79	20.74	22.0	0.0
40	QPSK	216	0	20.67	20.78	20.78		
40	16QAM	1	1	20.74	20.81	20.72	22.0	0.0
40	64QAM	1	1	20.75	20.85	20.69	22.0	0.0
40	256QAM	1	1	19.62	19.76	19.64	20.5	1.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.63	20.79	20.73	22.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.74	20.82	20.76	22.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.63	20.81	20.72	22.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.69	20.82	20.76	22.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.74	20.83	20.78	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.68	20.77	20.80	22.5	0.0
40	PI/2 BPSK	1	108	20.76	20.84	20.79		
40	PI/2 BPSK	1	214	20.75	20.89	20.78		
40	PI/2 BPSK	108	0	20.80	20.81	20.66	22.5	0.0
40	PI/2 BPSK	108	54	20.81	20.82	20.77	22.5	0.0
40	PI/2 BPSK	108	108	20.76	20.87	20.67	22.5	0.0
40	PI/2 BPSK	216	0	20.82	20.82	20.80		
40	QPSK	1	1	20.83	20.90	20.81	22.5	0.0
40	QPSK	1	108	20.71	20.77	20.74		
40	QPSK	1	214	20.69	20.87	20.74		
40	QPSK	108	0	20.74	20.81	20.64	22.5	0.0
40	QPSK	108	54	20.79	20.82	20.77	22.5	0.0
40	QPSK	108	108	20.66	20.69	20.66	22.5	0.0
40	QPSK	216	0	20.66	20.72	20.59		
40	16QAM	1	1	20.52	20.62	20.52	22.5	0.0
40	64QAM	1	1	19.07	19.20	19.13	21.0	1.5
40	256QAM	1	1	17.75	17.79	17.78	19.0	3.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.68	20.78	20.77	22.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.69	20.83	20.70	22.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.78	20.78	20.72	22.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.72	20.80	20.77	22.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.82	20.75	20.75	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	Pi/2 BPSK	1	1	19.38	19.49	19.39		
40	Pi/2 BPSK	1	53	19.31	19.48	19.40	21.0	0.0
40	Pi/2 BPSK	1	104	19.37	19.48	19.30		
40	Pi/2 BPSK	50	0	19.40	19.39	19.35	21.0	0.0
40	Pi/2 BPSK	50	28	19.36	19.38	19.35	21.0	0.0
40	Pi/2 BPSK	50	56	19.40	19.38	19.35	21.0	0.0
40	Pi/2 BPSK	100	0	19.34	19.50	19.41		
40	QPSK	1	1	19.42	19.51	19.44		
40	QPSK	1	53	19.29	19.36	19.36	21.0	0.0
40	QPSK	1	104	19.39	19.45	19.29		
40	QPSK	50	0	19.25	19.34	19.28	21.0	0.0
40	QPSK	50	28	19.40	19.49	19.37	21.0	0.0
40	QPSK	50	56	19.36	19.36	19.31	21.0	0.0
40	QPSK	100	0	19.32	19.45	19.33		
40	16QAM	1	1	19.30	19.36	19.43	21.0	0.0
40	64QAM	1	1	19.36	19.49	19.37	21.0	0.0
40	256QAM	1	1	19.32	19.37	19.22	20.5	0.5
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	19.37	19.41	19.31	21.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	19.32	19.47	19.39	21.0	0.0
Channel				515502	519000	522498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	19.37	19.36	19.33	21.0	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	19.27	19.41	19.34	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	Pi/2 BPSK	1	1	20.73	20.86	20.78		
40	Pi/2 BPSK	1	53	20.64	20.76	20.82	22.0	0.0
40	Pi/2 BPSK	1	104	20.68	20.84	20.68		
40	Pi/2 BPSK	50	0	20.68	20.77	20.80	22.0	0.0
40	Pi/2 BPSK	50	28	20.59	20.80	20.71	22.0	0.0
40	Pi/2 BPSK	50	56	20.61	20.83	20.82	22.0	0.0
40	Pi/2 BPSK	100	0	20.64	20.88	20.69		
40	QPSK	1	1	20.74	20.88	20.83		
40	QPSK	1	53	20.66	20.74	20.76	22.0	0.0
40	QPSK	1	104	20.69	20.80	20.69		
40	QPSK	50	0	20.67	20.76	20.62	22.0	0.0
40	QPSK	50	28	20.71	20.82	20.75	22.0	0.0
40	QPSK	50	56	20.59	20.72	20.74	22.0	0.0
40	QPSK	100	0	20.67	20.80	20.71		
40	16QAM	1	1	20.64	20.81	20.78	22.0	0.0
40	64QAM	1	1	20.61	20.87	20.78	22.0	0.0
40	256QAM	1	1	19.64	19.71	19.58	20.5	1.5
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	20.71	20.82	20.74	22.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	20.73	20.75	20.78	22.0	0.0
Channel				515502	519000	522498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	20.68	20.86	20.82	22.0	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	20.65	20.84	20.81	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	Pi/2 BPSK	1	1	20.67	20.68	20.58		
40	Pi/2 BPSK	1	53	20.44	20.56	20.52	22.0	0.0
40	Pi/2 BPSK	1	104	20.45	20.50	20.49		
40	Pi/2 BPSK	50	0	20.03	20.04	19.95	21.5	0.5
40	Pi/2 BPSK	50	28	20.39	20.49	20.40	22.0	0.0
40	Pi/2 BPSK	50	56	19.84	19.92	19.78	21.5	0.5
40	Pi/2 BPSK	100	0	19.89	19.97	19.89		
40	QPSK	1	1	20.60	20.69	20.59		
40	QPSK	1	53	20.35	20.41	20.30	22.0	0.0
40	QPSK	1	104	20.32	20.46	20.32		
40	QPSK	50	0	19.40	19.50	19.49	21.0	1.0
40	QPSK	50	28	20.37	20.45	20.38	22.0	0.0
40	QPSK	50	56	19.34	19.38	19.36	21.0	1.0
40	QPSK	100	0	19.35	19.45	19.36		
40	16QAM	1	1	19.23	19.38	19.24	21.0	1.0
40	64QAM	1	1	17.92	17.94	17.80	19.5	2.5
40	256QAM	1	1	16.47	16.48	16.38	17.5	4.5
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	20.47	20.53	20.54	22.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	20.57	20.48	20.48	22.0	0.0
Channel				515502	519000	522498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	20.55	20.53	20.49	22.0	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	20.51	20.46	20.53	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.13	19.25	19.17		
100	PI/2 BPSK	1	137	19.15	19.16	19.21	20.7	0.0
100	PI/2 BPSK	1	271	19.15	19.18	19.14		
100	PI/2 BPSK	135	0	19.15	19.23	19.15	20.7	0.0
100	PI/2 BPSK	135	69	19.18	19.27	19.18	20.7	0.0
100	PI/2 BPSK	135	138	19.06	19.17	19.15	20.7	0.0
100	PI/2 BPSK	270	0	19.15	19.19	19.20		
100	QPSK	1	1	19.19	19.30	19.24		
100	QPSK	1	137	19.17	19.20	19.15	20.7	0.0
100	QPSK	1	271	19.14	19.25	19.19		
100	QPSK	135	0	19.07	19.16	19.15	20.7	0.0
100	QPSK	135	69	19.14	19.24	19.21	20.7	0.0
100	QPSK	135	138	19.13	19.14	19.11	20.7	0.0
100	QPSK	270	0	19.06	19.23	19.18		
100	16QAM	1	1	19.14	19.17	19.14	20.7	0.0
100	64QAM	1	1	19.08	19.16	19.22	20.7	0.0
100	256QAM	1	1	19.06	19.29	19.11	20.7	0.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	19.16	19.29	19.22	20.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2538.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	19.13	19.16	19.23	20.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	19.09	19.15	19.13	20.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2528	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	19.12	19.27	19.13	20.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	19.10	19.20	19.18	20.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	19.07	19.18	19.18	20.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	19.16	19.20	19.14	20.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2508.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	19.04	19.24	19.16	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.13	19.25	19.17		
100	PI/2 BPSK	1	137	19.15	19.16	19.21	20.7	0.0
100	PI/2 BPSK	1	271	19.15	19.18	19.14		
100	PI/2 BPSK	135	0	19.15	19.23	19.15	20.7	0.0
100	PI/2 BPSK	135	69	19.18	19.27	19.18	20.7	0.0
100	PI/2 BPSK	135	138	19.06	19.17	19.15	20.7	0.0
100	PI/2 BPSK	270	0	19.15	19.19	19.20		
100	QPSK	1	1	19.19	19.30	19.24		
100	QPSK	1	137	19.17	19.20	19.15	20.7	0.0
100	QPSK	1	271	19.14	19.25	19.19		
100	QPSK	135	0	19.07	19.16	19.15	20.7	0.0
100	QPSK	135	69	19.14	19.24	19.21	20.7	0.0
100	QPSK	135	138	19.13	19.14	19.11	20.7	0.0
100	QPSK	270	0	19.06	19.23	19.18		
100	16QAM	1	1	19.14	19.17	19.14	20.7	0.0
100	64QAM	1	1	19.08	19.16	19.22	20.7	0.0
100	256QAM	1	1	19.06	19.29	19.11	20.7	0.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	19.16	19.29	19.22	20.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2538.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	19.13	19.16	19.23	20.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	19.09	19.15	19.13	20.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2528	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	19.12	19.27	19.13	20.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	19.10	19.20	19.18	20.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	19.07	19.18	19.18	20.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	19.16	19.20	19.14	20.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2508.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	19.04	19.24	19.16	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.58	20.73	20.60		
100	PI/2 BPSK	1	137	20.62	20.76	20.66	21.7	0.0
100	PI/2 BPSK	1	271	20.64	20.79	20.61		
100	PI/2 BPSK	135	0	20.65	20.77	20.60	21.7	0.0
100	PI/2 BPSK	135	69	20.64	20.73	20.60	21.7	0.0
100	PI/2 BPSK	135	138	20.67	20.69	20.71	21.7	0.0
100	PI/2 BPSK	270	0	20.58	20.79	20.61		
100	QPSK	1	1	20.68	20.83	20.73		
100	QPSK	1	137	20.53	20.82	20.69	21.7	0.0
100	QPSK	1	271	20.55	20.74	20.72		
100	QPSK	135	0	20.61	20.73	20.68	21.7	0.0
100	QPSK	135	69	20.65	20.81	20.72	21.7	0.0
100	QPSK	135	138	20.53	20.66	20.71	21.7	0.0
100	QPSK	270	0	20.60	20.79	20.71		
100	16QAM	1	1	20.53	20.76	20.71	21.7	0.0
100	64QAM	1	1	20.53	20.74	20.66	21.7	0.0
100	256QAM	1	1	20.55	20.75	20.69	21.7	0.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	20.58	20.77	20.70	21.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2538.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	20.61	20.79	20.67	21.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	20.67	20.77	20.59	21.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2528	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	20.67	20.74	20.70	21.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	20.58	20.71	20.67	21.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	20.55	20.69	20.64	21.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	20.60	20.72	20.67	21.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2508.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	20.57	20.71	20.69	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.58	20.73	20.60		
100	PI/2 BPSK	1	137	20.62	20.76	20.66	21.7	0.0
100	PI/2 BPSK	1	271	20.64	20.79	20.61		
100	PI/2 BPSK	135	0	20.65	20.77	20.60	21.7	0.0
100	PI/2 BPSK	135	69	20.64	20.73	20.60	21.7	0.0
100	PI/2 BPSK	135	138	20.67	20.69	20.71	21.7	0.0
100	PI/2 BPSK	270	0	20.58	20.79	20.61		
100	QPSK	1	1	20.68	20.83	20.73		
100	QPSK	1	137	20.53	20.82	20.69	21.7	0.0
100	QPSK	1	271	20.55	20.74	20.72		
100	QPSK	135	0	20.61	20.73	20.68	21.7	0.0
100	QPSK	135	69	20.65	20.81	20.72	21.7	0.0
100	QPSK	135	138	20.53	20.66	20.71	21.7	0.0
100	QPSK	270	0	20.60	20.79	20.71		
100	16QAM	1	1	20.53	20.76	20.71	21.7	0.0
100	64QAM	1	1	20.53	20.74	20.66	21.7	0.0
100	256QAM	1	1	20.55	20.75	20.69	21.7	0.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	20.58	20.77	20.70	21.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2538.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	20.61	20.79	20.67	21.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	20.67	20.77	20.59	21.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2528	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	20.67	20.74	20.70	21.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	20.58	20.71	20.67	21.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	20.55	20.69	20.64	21.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	20.60	20.72	20.67	21.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2508.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	20.57	20.71	20.69	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.15	20.09	19.94		
100	PI/2 BPSK	1	137	20.33	20.10	20.18	21.2	0.0
100	PI/2 BPSK	1	271	20.31	20.14	20.12		
100	PI/2 BPSK	135	0	20.30	20.13	20.07	21.2	0.0
100	PI/2 BPSK	135	69	20.06	19.82	19.74	21.2	0.0
100	PI/2 BPSK	135	138	20.29	20.15	20.16	21.2	0.0
100	PI/2 BPSK	270	0	20.27	20.22	20.05		
100	QPSK	1	1	20.30	20.39	20.18		
100	QPSK	1	137	20.26	20.10	20.15	21.2	0.0
100	QPSK	1	271	20.29	20.19	20.09		
100	QPSK	135	0	20.26	20.18	20.07	21.2	0.0
100	QPSK	135	69	20.31	20.35	20.16	21.2	0.0
100	QPSK	135	138	20.21	20.18	20.15	21.2	0.0
100	QPSK	270	0	20.23	20.25	20.11		
100	16QAM	1	1	20.20	20.10	20.20	21.2	0.0
100	64QAM	1	1	20.21	20.23	20.01	21.2	0.0
100	256QAM	1	1	18.92	18.83	18.76	19.7	1.5
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	20.23	20.24	20.02	21.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	20.28	20.32	20.12	21.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	20.16	20.28	20.02	21.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	20.17	20.33	20.09	21.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	20.28	20.37	20.03	21.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	20.29	20.32	20.12	21.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	20.18	20.24	20.13	21.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	20.23	20.34	20.03	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.62	20.78	20.74		
100	PI/2 BPSK	1	137	20.62	20.82	20.75	21.7	0.0
100	PI/2 BPSK	1	271	20.72	20.75	20.73		
100	PI/2 BPSK	135	0	20.63	20.78	20.81	21.7	0.0
100	PI/2 BPSK	135	69	20.67	20.79	20.70	21.7	0.0
100	PI/2 BPSK	135	138	20.67	20.73	20.72	21.7	0.0
100	PI/2 BPSK	270	0	20.70	20.72	20.75		
100	QPSK	1	1	20.77	20.86	20.83		
100	QPSK	1	137	20.71	20.83	20.78	21.7	0.0
100	QPSK	1	271	20.70	20.73	20.78		
100	QPSK	135	0	20.62	20.77	20.76	21.7	0.0
100	QPSK	135	69	20.70	20.81	20.80	21.7	0.0
100	QPSK	135	138	20.57	20.78	20.69	21.7	0.0
100	QPSK	270	0	20.68	20.80	20.75		
100	16QAM	1	1	20.64	20.82	20.77	21.7	0.0
100	64QAM	1	1	20.31	20.25	20.19	21.7	0.0
100	256QAM	1	1	18.92	18.83	18.76	19.7	2.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	20.63	20.73	20.75	21.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	20.67	20.77	20.76	21.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	20.67	20.82	20.82	21.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	20.70	20.74	20.81	21.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	20.63	20.77	20.78	21.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	20.74	20.71	20.71	21.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	20.69	20.80	20.71	21.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	20.65	20.75	20.79	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.75			
100	PI/2 BPSK	1	137		15.75		17.2	0.0
100	PI/2 BPSK	1	271		15.80			
100	PI/2 BPSK	135	0		15.80		17.2	0.0
100	PI/2 BPSK	135	69		15.71		17.2	0.0
100	PI/2 BPSK	135	138		15.71		17.2	0.0
100	PI/2 BPSK	270	0		15.69			
100	QPSK	1	1		15.82			
100	QPSK	1	137		15.79		17.2	0.0
100	QPSK	1	271		15.69			
100	QPSK	135	0		15.64		17.2	0.0
100	QPSK	135	69		15.75		17.2	0.0
100	QPSK	135	138		15.64		17.2	0.0
100	QPSK	270	0		15.72			
100	16QAM	1	1		15.75		17.2	0.0
100	64QAM	1	1		15.80		17.2	0.0
100	256QAM	1	1		15.75		17.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3405	3499.98	3594.99	(dBm)	(dB)
90	QPSK	1	1	15.80	15.74	15.68	17.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3400.02	3499.98	3600	(dBm)	(dB)
80	QPSK	1	1	15.70	15.74	15.67	17.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3400.01	3499.98	3614.98	(dBm)	(dB)
70	QPSK	1	1	15.81	15.72	15.69	17.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3400	3499.98	3619.98	(dBm)	(dB)
60	QPSK	1	1	15.75	15.67	15.73	17.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3625	(dBm)	(dB)
50	QPSK	1	1	15.77	15.76	15.79	17.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3629.98	(dBm)	(dB)
40	QPSK	1	1	15.67	15.77	15.79	17.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3634.98	(dBm)	(dB)
30	QPSK	1	1	15.67	15.78	15.76	17.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3640	(dBm)	(dB)
20	QPSK	1	1	15.71	15.67	15.78	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3940	3930		
100	PI/2 BPSK	1	1	15.57	15.61	15.25		
100	PI/2 BPSK	1	137	15.58	15.67	15.32	17.2	0.0
100	PI/2 BPSK	1	271	15.64	15.62	15.25		
100	PI/2 BPSK	135	0	15.65	15.62	15.33	17.2	0.0
100	PI/2 BPSK	135	69	15.61	15.63	15.28	17.2	0.0
100	PI/2 BPSK	135	138	15.66	15.70	15.21	17.2	0.0
100	PI/2 BPSK	270	0	15.61	15.63	15.21		
100	QPSK	1	1	15.67	15.71	15.36		
100	QPSK	1	137	15.57	15.59	15.30	17.2	0.0
100	QPSK	1	271	15.65	15.67	15.21		
100	QPSK	135	0	15.47	15.50	15.21	17.2	0.0
100	QPSK	135	69	15.59	15.65	15.33	17.2	0.0
100	QPSK	135	138	15.55	15.64	15.27	17.2	0.0
100	QPSK	270	0	15.55	15.58	15.29		
100	16QAM	1	1	15.55	15.64	15.28	17.2	0.0
100	64QAM	1	1	15.61	15.68	15.34	17.2	0.0
100	256QAM	1	1	15.54	15.62	15.24	17.2	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3940	3934.98	(dBm)	(dB)
90	QPSK	1	1	15.54	15.66	15.23	17.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3940	3939.99	(dBm)	(dB)
80	QPSK	1	1	15.57	15.69	15.29	17.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3940	3945	(dBm)	(dB)
70	QPSK	1	1	15.57	15.60	15.23	17.2	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3940	3940.98	(dBm)	(dB)
60	QPSK	1	1	15.54	15.65	15.21	17.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3940	3954.99	(dBm)	(dB)
50	QPSK	1	1	15.61	15.61	15.30	17.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3720	3940	3960	(dBm)	(dB)
40	QPSK	1	1	15.65	15.66	15.35	17.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3940	3964.98	(dBm)	(dB)
30	QPSK	1	1	15.57	15.59	15.35	17.2	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3940	3969.99	(dBm)	(dB)
20	QPSK	1	1	15.60	15.62	15.31	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.99			
100	PI/2 BPSK	1	137		16.93		18.7	0.0
100	PI/2 BPSK	1	271		16.98			
100	PI/2 BPSK	135	0		16.97		18.7	0.0
100	PI/2 BPSK	135	69		16.88		18.7	0.0
100	PI/2 BPSK	135	138		16.97		18.7	0.0
100	PI/2 BPSK	270	0		16.98			
100	QPSK	1	1		17.02		18.7	0.0
100	QPSK	1	137		16.92			
100	QPSK	1	271		16.97			
100	QPSK	135	0		16.91		18.7	0.0
100	QPSK	135	69		16.97		18.7	0.0
100	QPSK	135	138		16.93		18.7	0.0
100	QPSK	270	0		16.93			
100	16QAM	1	1		16.96		18.7	0.0
100	64QAM	1	1		16.99		18.7	0.0
100	256QAM	1	1		17.00		18.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.87	17.00	16.94	18.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3493.02	3499.98	3507	(dBm)	(dB)
80	QPSK	1	1	16.94	16.92	16.92	18.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	16.96	16.91	16.94	18.7	0.0
Channel				632000	633332	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	16.87	16.95	16.89	18.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.89	16.97	16.97	18.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.95	16.88	16.89	18.7	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.93	17.00	17.01	18.7	0.0
Channel				630668	633332	636002	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.89	17.01	16.93	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.02	17.20	17.03		
100	PI/2 BPSK	1	137	17.01	17.30	17.03	18.7	0.0
100	PI/2 BPSK	1	271	17.08	17.23	17.08		
100	PI/2 BPSK	135	0	17.02	17.24	17.01	18.7	0.0
100	PI/2 BPSK	135	69	17.10	17.29	17.06	18.7	0.0
100	PI/2 BPSK	135	138	17.04	17.29	17.12	18.7	0.0
100	PI/2 BPSK	270	0	17.05	17.16	17.01		
100	QPSK	1	1	17.15	17.31	17.18		
100	QPSK	1	137	17.05	17.17	17.09	18.7	0.0
100	QPSK	1	271	17.00	17.19	17.02		
100	QPSK	135	0	17.07	17.14	17.14	18.7	0.0
100	QPSK	135	69	17.10	17.23	17.15	18.7	0.0
100	QPSK	135	138	17.06	17.10	17.06	18.7	0.0
100	QPSK	270	0	17.04	17.19	17.14		
100	16QAM	1	1	17.08	17.30	17.06	18.7	0.0
100	64QAM	1	1	17.01	17.16	17.14	18.7	0.0
100	256QAM	1	1	17.03	17.20	17.09	18.7	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	17.05	17.30	17.02	18.7	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	17.03	17.18	17.01	18.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	17.13	17.30	17.04	18.7	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	17.11	17.16	17.06	18.7	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	17.12	17.30	17.09	18.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	17.00	17.19	17.06	18.7	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	17.04	17.16	17.01	18.7	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	17.06	17.17	17.15	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.03			
100	PI/2 BPSK	1	137		15.02		15.7	0.0
100	PI/2 BPSK	1	271		14.95			
100	PI/2 BPSK	135	0		14.98		15.7	0.0
100	PI/2 BPSK	135	69		14.97		15.7	0.0
100	PI/2 BPSK	135	138		14.91		15.7	0.0
100	PI/2 BPSK	270	0		15.01			
100	QPSK	1	1		15.06		15.7	0.0
100	QPSK	1	137		14.92			
100	QPSK	1	271		15.04			
100	QPSK	135	0		14.89		15.7	0.0
100	QPSK	135	69		15.00		15.7	0.0
100	QPSK	135	138		14.90		15.7	0.0
100	QPSK	270	0		14.96			
100	16QAM	1	1		14.96		15.7	0.0
100	64QAM	1	1		15.05		15.7	0.0
100	256QAM	1	1		14.92		15.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	15.01	15.00	15.01	15.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3493.02	3499.98	3507	(dBm)	(dB)
80	QPSK	1	1	14.91	14.97	14.98	15.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	14.97	14.96	14.96	15.7	0.0
Channel				632000	633332	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	14.93	15.03	14.94	15.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	15.05	14.98	14.92	15.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.00	15.03	14.97	15.7	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	14.95	14.99	14.95	15.7	0.0
Channel				630668	633332	636002	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	14.96	14.91	15.01	15.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.37	15.41	14.77		
100	PI/2 BPSK	1	137	15.40	15.39	14.80	15.7	0.0
100	PI/2 BPSK	1	271	15.35	15.28	14.73		
100	PI/2 BPSK	135	0	15.31	15.31	14.84	15.7	0.0
100	PI/2 BPSK	135	69	15.33	15.35	14.80	15.7	0.0
100	PI/2 BPSK	135	138	15.35	15.31	14.85	15.7	0.0
100	PI/2 BPSK	270	0	15.30	15.39	14.72		
100	QPSK	1	1	15.41	15.42	14.87		
100	QPSK	1	137	15.31	15.28	14.77	15.7	0.0
100	QPSK	1	271	15.26	15.31	14.86		
100	QPSK	135	0	15.24	15.27	14.71	15.7	0.0
100	QPSK	135	69	15.33	15.37	14.84	15.7	0.0
100	QPSK	135	138	15.29	15.31	14.80	15.7	0.0
100	QPSK	270	0	15.25	15.35	14.79		
100	16QAM	1	1	15.36	15.32	14.76	15.7	0.0
100	64QAM	1	1	15.39	15.31	14.76	15.7	0.0
100	256QAM	1	1	15.32	15.35	14.81	15.7	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	15.28	15.38	14.78	15.7	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	15.30	15.40	14.86	15.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	15.35	15.41	14.86	15.7	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	15.37	15.40	14.77	15.7	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	15.29	15.36	14.83	15.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	15.32	15.39	14.81	15.7	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	15.38	15.27	14.84	15.7	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	15.27	15.34	14.79	15.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.38			
100	PI/2 BPSK	1	137		16.29		17.2	0.0
100	PI/2 BPSK	1	271		16.33			
100	PI/2 BPSK	135	0		16.34		17.2	0.0
100	PI/2 BPSK	135	69		16.38		17.2	0.0
100	PI/2 BPSK	135	138		16.29		17.2	0.0
100	PI/2 BPSK	270	0		16.34			
100	QPSK	1	1		16.39			
100	QPSK	1	137		16.30		17.2	0.0
100	QPSK	1	271		16.38			
100	QPSK	135	0		16.27		17.2	0.0
100	QPSK	135	69		16.36		17.2	0.0
100	QPSK	135	138		16.25		17.2	0.0
100	QPSK	270	0		16.30			
100	16QAM	1	1		16.27		17.2	0.0
100	64QAM	1	1		16.32		17.2	0.0
100	256QAM	1	1		16.38		17.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.26	16.28	16.25	17.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	16.31	16.24	16.25	17.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	16.25	16.36	16.28	17.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	16.31	16.35	16.37	17.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.28	16.34	16.29	17.2	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.37	16.35	16.36	17.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.31	16.38	16.34	17.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.29	16.35	16.33	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3940	3930		
100	PI/2 BPSK	1	1	15.91	15.89	15.42		
100	PI/2 BPSK	1	137	15.91	15.89	15.43	17.2	0.0
100	PI/2 BPSK	1	271	15.84	15.87	15.44		
100	PI/2 BPSK	135	0	15.92	15.99	15.42	17.2	0.0
100	PI/2 BPSK	135	69	15.87	15.92	15.42	17.2	0.0
100	PI/2 BPSK	135	138	15.88	15.96	15.44	17.2	0.0
100	PI/2 BPSK	270	0	15.96	16.01	15.37		
100	QPSK	1	1	15.97	16.02	15.49		
100	QPSK	1	137	15.93	16.01	15.47	17.2	0.0
100	QPSK	1	271	15.93	15.95	15.48		
100	QPSK	135	0	15.80	15.97	15.44	17.2	0.0
100	QPSK	135	69	15.91	15.99	15.47	17.2	0.0
100	QPSK	135	138	15.76	15.86	15.41	17.2	0.0
100	QPSK	270	0	15.87	15.96	15.43		
100	16QAM	1	1	15.93	16.00	15.47	17.2	0.0
100	64QAM	1	1	15.87	15.89	15.38	17.2	0.0
100	256QAM	1	1	15.85	15.90	15.38	17.2	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3940	3934.98	(dBm)	(dB)
90	QPSK	1	1	15.85	15.96	15.45	17.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3940	3939.99	(dBm)	(dB)
80	QPSK	1	1	15.84	15.94	15.34	17.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3940	3945	(dBm)	(dB)
70	QPSK	1	1	15.85	15.88	15.48	17.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3940	3949.98	(dBm)	(dB)
60	QPSK	1	1	15.88	16.01	15.47	17.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3940	3954.99	(dBm)	(dB)
50	QPSK	1	1	15.82	16.00	15.54	17.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3940	3960	(dBm)	(dB)
40	QPSK	1	1	15.83	16.00	15.38	17.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3940	3964.98	(dBm)	(dB)
30	QPSK	1	1	15.89	15.93	15.48	17.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3940	3969.99	(dBm)	(dB)
20	QPSK	1	1	15.89	15.96	15.43	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.49			
100	PI/2 BPSK	1	137		15.60		17.2	0.0
100	PI/2 BPSK	1	271		15.52			
100	PI/2 BPSK	135	0		15.63		17.2	0.0
100	PI/2 BPSK	135	69		15.54		17.2	0.0
100	PI/2 BPSK	135	138		15.56		17.2	0.0
100	PI/2 BPSK	270	0		15.60			
100	QPSK	1	1		15.64			
100	QPSK	1	137		15.56		17.2	0.0
100	QPSK	1	271		15.52			
100	QPSK	135	0		15.43		17.2	0.0
100	QPSK	135	69		15.58		17.2	0.0
100	QPSK	135	138		15.45		17.2	0.0
100	QPSK	270	0		15.51			
100	16QAM	1	1		15.51		17.2	0.0
100	64QAM	1	1		15.57		17.2	0.0
100	256QAM	1	1		15.63		17.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	15.61	15.54	15.49	17.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.63	15.59	15.62	17.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.49	15.60	15.58	17.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.52	15.52	15.58	17.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	15.50	15.50	15.54	17.2	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.58	15.53	15.59	17.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.61	15.52	15.62	17.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.59	15.62	15.49	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.49			
100	PI/2 BPSK	1	137		15.60		17.2	0.0
100	PI/2 BPSK	1	271		15.52			
100	PI/2 BPSK	135	0		15.63		17.2	0.0
100	PI/2 BPSK	135	69		15.54		17.2	0.0
100	PI/2 BPSK	135	138		15.56		17.2	0.0
100	PI/2 BPSK	270	0		15.60			
100	QPSK	1	1		15.64			
100	QPSK	1	137		15.56		17.2	0.0
100	QPSK	1	271		15.52			
100	QPSK	135	0		15.43		17.2	0.0
100	QPSK	135	69		15.58		17.2	0.0
100	QPSK	135	138		15.45		17.2	0.0
100	QPSK	270	0		15.51			
100	16QAM	1	1		15.51		17.2	0.0
100	64QAM	1	1		15.57		17.2	0.0
100	256QAM	1	1		15.63		17.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	15.61	15.54	15.49	17.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.63	15.59	15.62	17.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.49	15.60	15.58	17.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.52	15.52	15.58	17.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	15.50	15.50	15.54	17.2	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.58	15.53	15.59	17.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.61	15.52	15.62	17.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.59	15.62	15.49	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.49			
100	PI/2 BPSK	1	137		15.58		17.2	0.0
100	PI/2 BPSK	1	271		15.52			
100	PI/2 BPSK	135	0		15.60		17.2	0.0
100	PI/2 BPSK	135	69		15.57		17.2	0.0
100	PI/2 BPSK	135	138		15.62		17.2	0.0
100	PI/2 BPSK	270	0		15.62			
100	QPSK	1	1		15.63			
100	QPSK	1	137		15.53		17.2	0.0
100	QPSK	1	271		15.53			
100	QPSK	135	0		15.50		17.2	0.0
100	QPSK	135	69		15.59		17.2	0.0
100	QPSK	135	138		15.48		17.2	0.0
100	QPSK	270	0		15.57			
100	16QAM	1	1		15.48		17.2	0.0
100	64QAM	1	1		15.55		17.2	0.0
100	256QAM	1	1		15.50		17.2	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	15.56	15.58	15.53	17.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	15.62	15.59	15.61	17.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	15.59	15.55	15.58	17.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	15.49	15.60	15.55	17.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	15.58	15.49	15.52	17.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	15.51	15.55	15.58	17.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	15.59	15.55	15.48	17.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	15.49	15.61	15.61	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.49			
100	PI/2 BPSK	1	137		15.58		17.2	0.0
100	PI/2 BPSK	1	271		15.52			
100	PI/2 BPSK	135	0		15.60		17.2	0.0
100	PI/2 BPSK	135	69		15.57		17.2	0.0
100	PI/2 BPSK	135	138		15.62		17.2	0.0
100	PI/2 BPSK	270	0		15.62			
100	QPSK	1	1		15.63			
100	QPSK	1	137		15.53		17.2	0.0
100	QPSK	1	271		15.53			
100	QPSK	135	0		15.50		17.2	0.0
100	QPSK	135	69		15.59		17.2	0.0
100	QPSK	135	138		15.48		17.2	0.0
100	QPSK	270	0		15.57			
100	16QAM	1	1		15.48		17.2	0.0
100	64QAM	1	1		15.55		17.2	0.0
100	256QAM	1	1		15.50		17.2	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	15.56	15.56	15.53	17.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	15.62	15.59	15.61	17.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	15.59	15.55	15.58	17.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	15.49	15.60	15.55	17.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	15.58	15.49	15.52	17.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	15.51	15.55	15.58	17.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	15.59	15.55	15.48	17.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	15.49	15.61	15.61	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.96			
100	PI/2 BPSK	1	137		16.97		18.7	0.0
100	PI/2 BPSK	1	271		17.06			
100	PI/2 BPSK	135	0		17.04		18.7	0.0
100	PI/2 BPSK	135	69		17.03		18.7	0.0
100	PI/2 BPSK	135	138		16.93		18.7	0.0
100	PI/2 BPSK	270	0		16.92			
100	QPSK	1	1		17.07			
100	QPSK	1	137		17.05		18.7	0.0
100	QPSK	1	271		17.04			
100	QPSK	135	0		16.89		18.7	0.0
100	QPSK	135	69		17.01		18.7	0.0
100	QPSK	135	138		17.02		18.7	0.0
100	QPSK	270	0		16.99			
100	16QAM	1	1		17.03		18.7	0.0
100	64QAM	1	1		17.06		18.7	0.0
100	256QAM	1	1		16.93		18.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.97	17.04	17.06	18.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.04	17.00	16.96	18.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.01	17.06	17.04	18.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.02	17.03	16.95	18.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.99	16.93	17.00	18.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.98	16.99	17.02	18.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.99	16.95	16.99	18.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.99	17.04	17.02	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.96			
100	PI/2 BPSK	1	137		16.97		18.7	0.0
100	PI/2 BPSK	1	271		17.06			
100	PI/2 BPSK	135	0		17.04		18.7	0.0
100	PI/2 BPSK	135	69		17.03		18.7	0.0
100	PI/2 BPSK	135	138		16.93		18.7	0.0
100	PI/2 BPSK	270	0		16.92			
100	QPSK	1	1		17.07			
100	QPSK	1	137		17.05		18.7	0.0
100	QPSK	1	271		17.04			
100	QPSK	135	0		16.89		18.7	0.0
100	QPSK	135	69		17.03		18.7	0.0
100	QPSK	135	138		17.02		18.7	0.0
100	QPSK	270	0		16.99			
100	16QAM	1	1		17.03		18.7	0.0
100	64QAM	1	1		17.06		18.7	0.0
100	256QAM	1	1		16.93		18.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.97	17.04	17.06	18.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.04	17.00	16.96	18.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.01	17.06	17.04	18.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.02	17.03	16.95	18.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.99	16.93	17.00	18.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.98	16.99	17.02	18.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.99	16.95	16.99	18.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.99	17.04	17.02	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.01			
100	PI/2 BPSK	1	137		17.03		18.7	0.0
100	PI/2 BPSK	1	271		17.05			
100	PI/2 BPSK	135	0		17.10		18.7	0.0
100	PI/2 BPSK	135	69		17.06		18.7	0.0
100	PI/2 BPSK	135	138		17.07		18.7	0.0
100	PI/2 BPSK	270	0		17.08			
100	QPSK	1	1		17.14			
100	QPSK	1	137		17.13		18.7	0.0
100	QPSK	1	271		17.00			
100	QPSK	135	0		16.99		18.7	0.0
100	QPSK	135	69		17.13		18.7	0.0
100	QPSK	135	138		17.03		18.7	0.0
100	QPSK	270	0		17.07			
100	16QAM	1	1		17.02		18.7	0.0
100	64QAM	1	1		17.12		18.7	0.0
100	256QAM	1	1		17.08		18.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	17.02	17.04	16.99	18.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	17.09	17.12	17.06	18.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3730	3750	3770	(dBm)	(dB)
70	QPSK	1	1	17.12	16.99	17.06	18.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	17.05	17.01	17.11	18.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	17.00	17.07	17.00	18.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.04	17.10	17.00	18.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	17.08	17.12	17.09	18.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	17.06	17.00	17.07	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.01			
100	PI/2 BPSK	1	137		17.03		18.7	0.0
100	PI/2 BPSK	1	271		17.05			
100	PI/2 BPSK	135	0		17.10		18.7	0.0
100	PI/2 BPSK	135	69		17.06		18.7	0.0
100	PI/2 BPSK	135	138		17.07		18.7	0.0
100	PI/2 BPSK	270	0		17.08			
100	QPSK	1	1		17.14			
100	QPSK	1	137		17.13		18.7	0.0
100	QPSK	1	271		17.00			
100	QPSK	135	0		16.99		18.7	0.0
100	QPSK	135	69		17.13		18.7	0.0
100	QPSK	135	138		17.03		18.7	0.0
100	QPSK	270	0		17.07			
100	16QAM	1	1		17.02		18.7	0.0
100	64QAM	1	1		17.12		18.7	0.0
100	256QAM	1	1		17.08		18.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	17.02	17.04	16.99	18.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	17.09	17.12	17.06	18.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3730	3750	3770	(dBm)	(dB)
70	QPSK	1	1	17.12	16.99	17.06	18.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	17.05	17.01	17.11	18.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	17.00	17.07	17.00	18.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.04	17.10	17.00	18.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	17.08	17.12	17.09	18.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	17.06	17.00	17.07	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.96			
100	PI/2 BPSK	1	137		15.03		15.7	0.0
100	PI/2 BPSK	1	271		15.04			
100	PI/2 BPSK	135	0		14.90		15.7	0.0
100	PI/2 BPSK	135	69		14.90		15.7	0.0
100	PI/2 BPSK	135	138		14.93		15.7	0.0
100	PI/2 BPSK	270	0		15.03			
100	QPSK	1	1		15.05			
100	QPSK	1	137		15.04		15.7	0.0
100	QPSK	1	271		14.91			
100	QPSK	135	0		14.96		15.7	0.0
100	QPSK	135	69		15.00		15.7	0.0
100	QPSK	135	138		14.90		15.7	0.0
100	QPSK	270	0		14.93			
100	16QAM	1	1		15.02		15.7	0.0
100	64QAM	1	1		15.02		15.7	0.0
100	256QAM	1	1		15.04		15.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	15.04	14.95	15.00	15.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.04	14.98	14.94	15.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.02	14.92	15.02	15.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	14.93	15.03	14.97	15.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	14.96	14.97	14.99	15.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	14.98	14.96	15.03	15.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.04	14.95	14.94	15.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.02	14.92	14.98	15.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.96			
100	PI/2 BPSK	1	137		15.03		15.7	0.0
100	PI/2 BPSK	1	271		15.04			
100	PI/2 BPSK	135	0		14.90		15.7	0.0
100	PI/2 BPSK	135	69		14.90		15.7	0.0
100	PI/2 BPSK	135	138		14.93		15.7	0.0
100	PI/2 BPSK	270	0		15.03			
100	QPSK	1	1		15.05			
100	QPSK	1	137		15.04		15.7	0.0
100	QPSK	1	271		14.91			
100	QPSK	135	0		14.96		15.7	0.0
100	QPSK	135	69		15.00		15.7	0.0
100	QPSK	135	138		14.90		15.7	0.0
100	QPSK	270	0		14.93			
100	16QAM	1	1		15.02		15.7	0.0
100	64QAM	1	1		15.02		15.7	0.0
100	256QAM	1	1		15.04		15.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	15.04	14.95	15.00	15.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.04	14.98	14.94	15.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.02	14.92	15.02	15.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	14.93	15.03	14.97	15.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	14.96	14.97	14.99	15.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	14.98	14.96	15.03	15.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.04	14.95	14.94	15.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.02	14.92	14.98	15.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.29			
100	PI/2 BPSK	1	137		15.34		15.7	0.0
100	PI/2 BPSK	1	271		15.33			
100	PI/2 BPSK	135	0		15.23		15.7	0.0
100	PI/2 BPSK	135	69		15.34		15.7	0.0
100	PI/2 BPSK	135	138		15.33		15.7	0.0
100	PI/2 BPSK	270	0		15.22			
100	QPSK	1	1		15.37			
100	QPSK	1	137		15.34		15.7	0.0
100	QPSK	1	271		15.22			
100	QPSK	135	0		15.28		15.7	0.0
100	QPSK	135	69		15.35		15.7	0.0
100	QPSK	135	138		15.30			
100	QPSK	270	0		15.31		15.7	0.0
100	16QAM	1	1		15.25		15.7	0.0
100	64QAM	1	1		15.33		15.7	0.0
100	256QAM	1	1		15.33		15.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	15.29	15.30	15.34	15.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	15.26	15.31	15.32	15.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	15.25	15.23	15.26	15.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	15.34	15.25	15.29	15.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3726.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	15.25	15.28	15.24	15.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	15.34	15.35	15.31	15.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	15.24	15.23	15.26	15.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	15.22	15.23	15.32	15.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.29			
100	PI/2 BPSK	1	137		15.34		15.7	0.0
100	PI/2 BPSK	1	271		15.33			
100	PI/2 BPSK	135	0		15.23		15.7	0.0
100	PI/2 BPSK	135	69		15.34		15.7	0.0
100	PI/2 BPSK	135	138		15.33		15.7	0.0
100	PI/2 BPSK	270	0		15.22			
100	QPSK	1	1		15.37			
100	QPSK	1	137		15.34		15.7	0.0
100	QPSK	1	271		15.22			
100	QPSK	135	0		15.28		15.7	0.0
100	QPSK	135	69		15.35		15.7	0.0
100	QPSK	135	138		15.30			
100	QPSK	270	0		15.31		15.7	0.0
100	16QAM	1	1		15.25		15.7	0.0
100	64QAM	1	1		15.33		15.7	0.0
100	256QAM	1	1		15.33		15.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	15.29	15.30	15.34	15.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	15.26	15.31	15.32	15.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	15.25	15.23	15.26	15.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	15.34	15.25	15.29	15.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	15.25	15.28	15.24	15.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	15.34	15.35	15.31	15.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	15.24	15.23	15.26	15.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	15.22	15.23	15.32	15.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.42			
100	PI/2 BPSK	1	137		15.37		16.2	0.0
100	PI/2 BPSK	1	271		15.41			
100	PI/2 BPSK	135	0		15.28		16.2	0.0
100	PI/2 BPSK	135	69		15.32		16.2	0.0
100	PI/2 BPSK	135	138		15.40		16.2	0.0
100	PI/2 BPSK	270	0		15.30			
100	QPSK	1	1		15.43			
100	QPSK	1	137		15.42		16.2	0.0
100	QPSK	1	271		15.30			
100	QPSK	135	0		15.26		16.2	0.0
100	QPSK	135	69		15.37		16.2	0.0
100	QPSK	135	138		15.29		16.2	0.0
100	QPSK	270	0		15.32			
100	16QAM	1	1		15.30		16.2	0.0
100	64QAM	1	1		15.33		16.2	0.0
100	256QAM	1	1		15.30		16.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	15.35	15.37	15.36	16.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.28	15.32	15.34	16.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.40	15.35	15.32	16.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.36	15.40	15.39	16.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	15.39	15.32	15.41	16.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.31	15.39	15.31	16.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.39	15.32	15.31	16.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.33	15.32	15.29	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.42			
100	PI/2 BPSK	1	137		15.37		16.2	0.0
100	PI/2 BPSK	1	271		15.41			
100	PI/2 BPSK	135	0		15.26		16.2	0.0
100	PI/2 BPSK	135	69		15.32		16.2	0.0
100	PI/2 BPSK	135	138		15.40		16.2	0.0
100	PI/2 BPSK	270	0		15.30			
100	QPSK	1	1		15.43			
100	QPSK	1	137		15.42		16.2	0.0
100	QPSK	1	271		15.30			
100	QPSK	135	0		15.26		16.2	0.0
100	QPSK	135	69		15.37		16.2	0.0
100	QPSK	135	138		15.29		16.2	0.0
100	QPSK	270	0		15.32			
100	16QAM	1	1		15.30		16.2	0.0
100	64QAM	1	1		15.33		16.2	0.0
100	256QAM	1	1		15.30		16.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	15.35	15.37	15.36	16.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.28	15.32	15.34	16.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.40	15.35	15.32	16.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.36	15.40	15.39	16.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	15.39	15.30	15.41	16.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.31	15.39	15.31	16.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.39	15.32	15.31	16.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.33	15.32	15.29	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		14.99			
100	Pi/2 BPSK	1	137		15.03		16.2	0.0
100	Pi/2 BPSK	1	271		14.98			
100	Pi/2 BPSK	135	0		14.97		16.2	0.0
100	Pi/2 BPSK	135	69		14.96		16.2	0.0
100	Pi/2 BPSK	135	138		15.04		16.2	0.0
100	Pi/2 BPSK	270	0		14.97			
100	QPSK	1	1		15.11			
100	QPSK	1	137		15.08		16.2	0.0
100	QPSK	1	271		15.02			
100	QPSK	135	0		15.00		16.2	0.0
100	QPSK	135	69		15.08		16.2	0.0
100	QPSK	135	138		14.94		16.2	0.0
100	QPSK	270	0		15.03			
100	16QAM	1	1		15.07		16.2	0.0
100	64QAM	1	1		14.99		16.2	0.0
100	256QAM	1	1		15.05		16.2	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	15.07	15.03	15.10	16.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.99		
80	QPSK	1	1	15.02	15.03	14.98	16.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.96	15.09	15.07	16.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	14.97	14.98	15.06	16.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	15.09	15.06	15.10	16.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.08	15.04	14.98	16.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	15.06	14.98	15.07	16.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	15.10	15.10	15.03	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		14.99			
100	Pi/2 BPSK	1	137		15.03		16.2	0.0
100	Pi/2 BPSK	1	271		14.98			
100	Pi/2 BPSK	135	0		14.97		16.2	0.0
100	Pi/2 BPSK	135	69		14.96		16.2	0.0
100	Pi/2 BPSK	135	138		15.04		16.2	0.0
100	Pi/2 BPSK	270	0		14.97			
100	QPSK	1	1		15.11			
100	QPSK	1	137		15.08		16.2	0.0
100	QPSK	1	271		15.02			
100	QPSK	135	0		15.00		16.2	0.0
100	QPSK	135	69		15.08		16.2	0.0
100	QPSK	135	138		14.94		16.2	0.0
100	QPSK	270	0		15.03			
100	16QAM	1	1		15.07		16.2	0.0
100	64QAM	1	1		14.99		16.2	0.0
100	256QAM	1	1		15.05		16.2	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	15.07	15.03	15.10	16.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.99		
80	QPSK	1	1	15.02	15.03	14.98	16.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.96	15.09	15.07	16.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	14.97	14.98	15.06	16.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	15.09	15.06	15.10	16.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.08	15.04	14.98	16.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	15.06	14.98	15.07	16.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	15.10	15.10	15.03	16.2	0.0

Reduced Power Mode for ECI10

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.26	22.32	22.19	23.8	0.0
20	PI/2 BPSK	1	53	22.23	22.27	22.18		
20	PI/2 BPSK	1	104	22.16	22.29	22.21		
20	PI/2 BPSK	50	0	21.78	21.81	21.70	23.3	0.5
20	PI/2 BPSK	50	28	22.24	22.29	22.20	23.8	0.0
20	PI/2 BPSK	50	56	21.83	21.75	21.65	23.3	0.5
20	PI/2 BPSK	100	0	21.78	21.79	21.78		
20	QPSK	1	1	22.33	22.38	22.32	23.8	0.0
20	QPSK	1	53	22.27	22.32	22.31		
20	QPSK	1	104	22.23	22.26	22.13		
20	QPSK	50	0	21.16	21.27	21.19	22.8	1.0
20	QPSK	50	28	22.15	22.27	22.21	23.8	0.0
20	QPSK	50	56	21.16	21.27	21.22	22.8	1.0
20	QPSK	100	0	21.20	21.26	21.23		
20	16QAM	1	1	20.95	21.10	21.01	22.8	1.0
20	64QAM	1	1	19.64	19.72	19.63	21.3	2.5
20	256QAM	1	1	18.15	18.25	18.11	19.3	4.5
Channel				371500	376000	380500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	1	22.32	22.23	22.20	23.8	0.0
Channel				371000	376000	381000	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	1	22.31	22.28	22.22	23.8	0.0
Channel				370750	376000	381250	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	1	22.20	22.37	22.30	23.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.13	18.27	18.01	19.3	0.0
20	PI/2 BPSK	1	53	18.10	18.21	18.08		
20	PI/2 BPSK	1	104	18.10	18.25	18.10		
20	PI/2 BPSK	50	0	18.04	18.23	18.00	19.3	0.0
20	PI/2 BPSK	50	28	18.11	18.25	18.12	19.3	0.0
20	PI/2 BPSK	50	56	18.04	18.27	17.99	19.3	0.0
20	PI/2 BPSK	100	0	18.06	18.21	18.10		
20	QPSK	1	1	18.18	18.33	18.14	19.3	0.0
20	QPSK	1	53	18.09	18.32	18.13		
20	QPSK	1	104	18.12	18.18	18.10		
20	QPSK	50	0	18.02	18.27	17.97	19.3	0.0
20	QPSK	50	28	18.14	18.31	18.09	19.3	0.0
20	QPSK	50	56	18.10	18.28	18.00	19.3	0.0
20	QPSK	100	0	18.05	18.27	18.03		
20	16QAM	1	1	18.07	18.23	18.08	19.3	0.0
20	64QAM	1	1	18.17	18.30	18.11	19.3	0.0
20	256QAM	1	1	18.04	18.30	18.01	19.3	0.0
Channel				371500	376000	380500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	1	18.07	18.31	18.08	19.3	0.0
Channel				371000	376000	381000	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	1	18.09	18.20	18.05	19.3	0.0
Channel				370750	376000	381250	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	1	18.06	18.19	18.00	19.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.01	19.06	18.99	20.3	0.0
20	PI/2 BPSK	1	53	19.01	19.07	18.96		
20	PI/2 BPSK	1	104	18.94	19.14	18.98		
20	PI/2 BPSK	50	0	18.99	19.04	18.90	20.3	0.0
20	PI/2 BPSK	50	28	18.90	19.05	19.02	20.3	0.0
20	PI/2 BPSK	50	56	18.96	19.11	18.92	20.3	0.0
20	PI/2 BPSK	100	0	18.92	19.10	18.97		
20	QPSK	1	1	19.05	19.15	19.04	20.3	0.0
20	QPSK	1	53	19.04	19.05	18.95		
20	QPSK	1	104	18.94	19.05	19.02		
20	QPSK	50	0	18.96	18.99	18.83	20.3	0.0
20	QPSK	50	28	18.88	19.09	18.98	20.3	0.0
20	QPSK	50	56	18.88	19.07	18.87	20.3	0.0
20	QPSK	100	0	18.97	19.05	18.92		
20	16QAM	1	1	18.90	19.05	19.00	20.3	0.0
20	64QAM	1	1	17.74	17.85	17.75	19.3	1.0
20	256QAM	1	1	16.33	16.47	16.34	17.3	3.0
Channel				371500	376000	380500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	1	19.01	19.06	18.97	20.3	0.0
Channel				371000	376000	381000	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	1	19.04	19.01	18.90	20.3	0.0
Channel				370750	376000	381250	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	1	18.96	19.07	18.97	20.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.80	21.76	21.76	23.0	0.0
20	PI/2 BPSK	1	53	21.79	21.86	21.78		
20	PI/2 BPSK	1	104	21.74	21.85	21.86		
20	PI/2 BPSK	50	0	21.75	21.79	21.81	23.0	0.0
20	PI/2 BPSK	50	28	21.76	21.79	21.76	23.0	0.0
20	PI/2 BPSK	50	56	21.72	21.76	21.75	23.0	0.0
20	PI/2 BPSK	100	0	21.66	21.86	21.77		
20	QPSK	1	1	21.81	21.91	21.89	23.0	0.0
20	QPSK	1	53	21.76	21.76	21.82		
20	QPSK	1	104	21.80	21.85	21.78		
20	QPSK	50	0	21.70	21.94	21.80	23.0	0.0
20	QPSK	50	28	21.76	21.87	21.87	23.0	0.0
20	QPSK	50	56	21.63	21.80	21.80	23.0	0.0
20	QPSK	100	0	21.68	21.90	21.80		
20	16QAM	1	1	21.70	21.90	21.85	23.0	0.0
20	64QAM	1	1	21.23	21.30	21.28	22.5	0.5
20	256QAM	1	1	19.82	19.85	19.78	20.5	2.5
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	21.74	21.88	21.75	23.0	0.0
Channel				165800	167300	168800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	21.68	21.78	21.77	23.0	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	21.80	21.87	21.84	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	Pi/2 BPSK	1	1	21.94	22.06	21.91	23.5	0.0
20	Pi/2 BPSK	1	53	21.87	22.01	21.92		
20	Pi/2 BPSK	1	104	21.96	22.06	21.90		
20	Pi/2 BPSK	50	0	21.88	22.07	21.93	23.5	0.0
20	Pi/2 BPSK	50	28	21.95	21.98	21.97	23.5	0.0
20	Pi/2 BPSK	50	56	21.90	21.98	21.96	23.5	0.0
20	Pi/2 BPSK	100	0	21.88	22.04	21.96		
20	QPSK	1	1	22.01	22.09	22.00		
20	QPSK	1	53	21.93	22.08	21.98	23.5	0.0
20	QPSK	1	104	21.89	21.98	21.94		
20	QPSK	50	0	21.93	22.07	21.95	23.5	0.0
20	QPSK	50	28	21.95	22.08	21.98	23.5	0.0
20	QPSK	50	56	21.81	22.06	21.96	23.5	0.0
20	QPSK	100	0	21.93	22.05	21.92		
20	16QAM	1	1	22.00	21.99	21.97	23.5	0.0
20	64QAM	1	1	20.25	20.35	20.32	22.0	1.5
20	256QAM	1	1	18.83	18.92	18.91	20.0	3.5
Channel				165200	167300	169400	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	21.98	21.97	21.96	23.5	0.0
Channel				165200	167100	168800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	22.00	21.99	21.90	23.5	0.0
Channel				165200	167100	168800	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	21.91	22.01	21.98	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	Pi/2 BPSK	1	1	23.34	23.39	23.32	25.0	0.0
40	Pi/2 BPSK	1	108	23.26	23.40	23.38		
40	Pi/2 BPSK	1	214	23.27	23.31	23.21		
40	Pi/2 BPSK	108	0	22.90	22.94	22.86	24.5	0.5
40	Pi/2 BPSK	108	54	23.30	23.34	23.23	25.0	0.0
40	Pi/2 BPSK	108	108	22.82	22.90	22.83	24.5	0.5
40	Pi/2 BPSK	216	0	22.91	22.93	22.91		
40	QPSK	1	1	23.39	23.46	23.41		
40	QPSK	1	108	23.27	23.33	23.18	25.0	0.0
40	QPSK	1	214	23.29	23.36	23.22		
40	QPSK	108	0	22.33	22.38	22.34	24.0	1.0
40	QPSK	108	54	23.31	23.40	23.38	25.0	0.0
40	QPSK	108	108	22.21	22.36	22.34	24.0	1.0
40	QPSK	216	0	22.37	22.39	22.33		
40	16QAM	1	1	22.13	22.15	22.06	24.0	1.0
40	64QAM	1	1	20.65	20.69	20.63	22.5	2.5
40	256QAM	1	1	19.12	19.15	19.11	20.5	4.5
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	23.35	23.31	23.30	25.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	23.26	23.36	23.40	25.0	0.0
Channel				502500	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	1	23.27	23.37	23.29	25.0	0.0
Channel				501750	507000	512250	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	23.24	23.32	23.40	25.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	23.36	23.45	23.39	25.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	23.31	23.42	23.33	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	Pi/2 BPSK	1	1	17.18	17.24	17.10	18.5	0.0
40	Pi/2 BPSK	1	108	17.24	17.20	17.13		
40	Pi/2 BPSK	1	214	17.26	17.20	17.01		
40	Pi/2 BPSK	108	0	17.22	17.30	17.08	18.5	0.0
40	Pi/2 BPSK	108	54	17.12	17.19	17.05	18.5	0.0
40	Pi/2 BPSK	108	108	17.12	17.23	17.07	18.5	0.0
40	Pi/2 BPSK	216	0	17.14	17.21	17.05		
40	QPSK	1	1	17.27	17.31	17.16		
40	QPSK	1	108	17.13	17.27	17.07	18.5	0.0
40	QPSK	1	214	17.17	17.22	17.10		
40	QPSK	108	0	17.09	17.17	17.07	18.5	0.0
40	QPSK	108	54	17.21	17.26	17.13	18.5	0.0
40	QPSK	108	108	17.11	17.11	17.06	18.5	0.0
40	QPSK	216	0	17.14	17.23	17.11		
40	16QAM	1	1	17.22	17.21	17.13	18.5	0.0
40	64QAM	1	1	17.16	17.30	17.02	18.5	0.0
40	256QAM	1	1	17.12	17.25	17.12	18.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	17.14	17.24	17.10	18.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	17.21	17.21	17.10	18.5	0.0
Channel				502500	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	1	17.24	17.20	17.10	18.5	0.0
Channel				501750	507000	512250	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	17.20	17.21	17.14	18.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	17.17	17.30	17.08	18.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	17.20	17.22	17.07	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	Pi/2 BPSK	1	1	19.31	19.40	19.15	20.5	0.0
40	Pi/2 BPSK	1	108	19.34	19.26	19.09		
40	Pi/2 BPSK	1	214	19.35	19.35	19.10		
40	Pi/2 BPSK	108	0	19.25	19.29	19.15	20.5	0.0
40	Pi/2 BPSK	108	54	19.23	19.35	19.14	20.5	0.0
40	Pi/2 BPSK	108	108	19.34	19.30	19.21	20.5	0.0
40	Pi/2 BPSK	216	0	19.32	19.35	19.22		
40	QPSK	1	1	19.38	19.41	19.23		
40	QPSK	1	108	19.35	19.33	19.17	20.5	0.0
40	QPSK	1	214	19.25	19.27	19.10		
40	QPSK	108	0	19.24	19.28	19.13	20.5	0.0
40	QPSK	108	54	19.31	19.35	19.19	20.5	0.0
40	QPSK	108	108	19.28	19.22	19.06	20.5	0.0
40	QPSK	216	0	19.26	19.30	19.13		
40	16QAM	1	1	19.25	19.38	19.22	20.5	0.0
40	64QAM	1	1	18.13	18.16	18.08	19.5	1.0
40	256QAM	1	1	16.70	16.72	16.69	17.5	3.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	19.28	19.26	19.18	20.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	19.31	19.26	19.17	20.5	0.0
Channel				502500	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	1	19.23	19.30	19.22	20.5	0.0
Channel				501750	507000	512250	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	19.27	19.39	19.19	20.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	19.32	19.32	19.21	20.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	19.26	19.32	19.11	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.82	22.93	22.81	23.8	0.0
15	PI/2 BPSK	1	40	22.87	22.92	22.91		
15	PI/2 BPSK	1	77	22.72	22.86	22.75		
15	PI/2 BPSK	36	0	22.43	22.45	22.42	23.3	0.5
15	PI/2 BPSK	36	22	22.92	22.95	22.82	23.8	0.0
15	PI/2 BPSK	36	43	22.35	22.40	22.27	23.3	0.5
15	PI/2 BPSK	75	0	22.42	22.46	22.38		
15	QPSK	1	1	22.95	22.99	22.92	23.8	0.0
15	QPSK	1	40	22.90	22.94	22.85		
15	QPSK	1	77	22.80	22.86	22.76		
15	QPSK	36	0	21.92	21.93	21.90	22.8	1.0
15	QPSK	36	22	22.90	22.97	22.91	23.8	0.0
15	QPSK	36	43	21.79	21.91	21.82	22.8	1.0
15	QPSK	75	0	21.89	21.95	21.86		
15	16QAM	1	1	21.59	21.69	21.66	22.8	1.0
15	64QAM	1	1	20.13	20.23	20.11	21.3	2.5
	256QAM	1	1	18.73	18.81	18.70	19.3	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.86	22.90	22.89	23.8	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.83	22.91	22.91	23.8	0.0

n12_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				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.20	22.21	22.18	22.8	0.0
15	PI/2 BPSK	1	40	22.13	22.23	22.14		
15	PI/2 BPSK	1	77	22.06	22.15	22.07		
15	PI/2 BPSK	36	0	21.68	21.78	21.65	22.3	0.5
15	PI/2 BPSK	36	22	22.20	22.26	22.20	22.8	0.0
15	PI/2 BPSK	36	43	21.71	21.74	21.65	22.3	0.5
15	PI/2 BPSK	75	0	21.62	21.77	21.73		
15	QPSK	1	1	22.25	22.29	22.20	22.8	0.0
15	QPSK	1	40	22.17	22.24	22.12		
15	QPSK	1	77	22.05	22.12	21.97		
15	QPSK	36	0	21.21	21.25	21.16	21.8	1.0
15	QPSK	36	22	22.19	22.25	22.19	22.8	0.0
15	QPSK	36	43	21.12	21.23	21.20	21.8	1.0
15	QPSK	75	0	21.16	21.26	21.23		
15	16QAM	1	1	20.84	20.99	20.98	21.8	1.0
15	64QAM	1	1	19.49	19.54	19.50	20.3	2.5
	256QAM	1	1	17.99	18.12	18.05	18.3	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.10	22.18	22.13	22.8	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.23	22.22	22.14	22.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.73	21.85	21.81	23.0	0.0
20	PI/2 BPSK	1	53	21.84	21.83	21.78		
20	PI/2 BPSK	1	104	21.79	21.86	21.73		
20	PI/2 BPSK	50	0	21.76	21.97	21.73	23.0	0.0
20	PI/2 BPSK	50	28	21.73	21.89	21.79	23.0	0.0
20	PI/2 BPSK	50	56	21.76	21.87	21.77	23.0	0.0
20	PI/2 BPSK	100	0	21.83	21.87	21.72		
20	QPSK	1	1	21.86	21.96	21.83	23.0	0.0
20	QPSK	1	53	21.74	21.83	21.82		
20	QPSK	1	104	21.72	21.97	21.75		
20	QPSK	50	0	21.70	21.76	21.70	23.0	0.0
20	QPSK	50	28	21.83	21.93	21.80	23.0	0.0
20	QPSK	50	56	21.71	21.84	21.73	23.0	0.0
20	QPSK	100	0	21.75	21.86	21.79		
20	16QAM	1	1	21.81	21.89	21.75	23.0	0.0
20	64QAM	1	1	21.26	21.29	21.23	22.5	0.5
20	256QAM	1	1	19.68	19.83	19.69	20.5	2.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.71	21.83	21.81	23.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.85	21.87	21.70	23.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.81	21.84	21.82	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.86	22.03	21.98	23.5	0.0
20	PI/2 BPSK	1	53	21.81	22.00	22.03		
20	PI/2 BPSK	1	104	21.77	22.02	22.08		
20	PI/2 BPSK	50	0	21.86	21.98	22.08	23.5	0.0
20	PI/2 BPSK	50	28	21.82	22.03	22.08	23.5	0.0
20	PI/2 BPSK	50	56	21.85	21.96	22.06	23.5	0.0
20	PI/2 BPSK	100	0	21.81	22.10	21.99		
20	QPSK	1	1	21.91	22.11	22.15	23.5	0.0
20	QPSK	1	53	21.85	22.04	22.02		
20	QPSK	1	104	21.77	22.00	22.06		
20	QPSK	50	0	21.75	22.02	21.99	23.5	0.0
20	QPSK	50	28	21.88	22.07	22.05	23.5	0.0
20	QPSK	50	56	21.87	21.96	21.82	23.5	0.0
20	QPSK	100	0	21.91	22.06	21.95		
20	16QAM	1	1	21.75	21.76	21.71	23.5	0.0
20	64QAM	1	1	20.31	20.36	20.31	22.0	1.5
20	256QAM	1	1	18.83	18.93	18.88	20.0	3.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.78	22.10	21.95	23.5	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.76	21.98	21.98	23.5	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.80	22.05	22.04	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	23.33	23.45	23.40	25.0	0.0
40	Pi/2 BPSK	1	108	23.38	23.41	23.38		
40	Pi/2 BPSK	1	214	23.24	23.37	23.24		
40	Pi/2 BPSK	108	0	22.86	22.90	22.84	24.5	0.5
40	Pi/2 BPSK	108	54	23.37	23.44	23.33	25.0	0.0
40	Pi/2 BPSK	108	108	22.78	22.88	22.86	24.5	0.5
40	Pi/2 BPSK	216	0	22.91	22.92	22.90		
40	QPSK	1	1	23.46	23.49	23.47	25.0	0.0
40	QPSK	1	108	23.26	23.37	23.36		
40	QPSK	1	214	23.33	23.45	23.30		
40	QPSK	108	0	22.31	22.38	22.37	24.0	1.0
40	QPSK	108	54	23.41	23.44	23.42	25.0	0.0
40	QPSK	108	108	22.36	22.38	22.27	24.0	1.0
40	QPSK	216	0	22.35	22.41	22.31		
40	16QAM	1	1	22.25	22.27	22.13	24.0	1.0
40	64QAM	1	1	20.78	20.84	20.76	22.5	2.5
40	256QAM	1	1	19.30	19.42	19.34	20.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.43	23.48	23.37	25.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.36	23.34	23.36	25.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.45	23.44	23.36	25.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.32	23.37	23.32	25.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.38	23.44	23.45	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	17.19	17.32	17.15	18.5	0.0
40	Pi/2 BPSK	1	108	17.28	17.37	17.21		
40	Pi/2 BPSK	1	214	17.23	17.33	17.18		
40	Pi/2 BPSK	108	0	17.28	17.36	17.28	18.5	0.0
40	Pi/2 BPSK	108	54	17.31	17.33	17.28	18.5	0.0
40	Pi/2 BPSK	108	108	17.24	17.26	17.19	18.5	0.0
40	Pi/2 BPSK	216	0	17.28	17.39	17.25		
40	QPSK	1	1	17.34	17.41	17.29	18.5	0.0
40	QPSK	1	108	17.22	17.28	17.18		
40	QPSK	1	214	17.27	17.31	17.21		
40	QPSK	108	0	17.17	17.20	17.12	18.5	0.0
40	QPSK	108	54	17.28	17.35	17.23	18.5	0.0
40	QPSK	108	108	17.18	17.30	17.14	18.5	0.0
40	QPSK	216	0	17.23	17.34	17.15		
40	16QAM	1	1	17.32	17.33	17.15	18.5	0.0
40	64QAM	1	1	17.25	17.38	17.17	18.5	0.0
40	256QAM	1	1	17.24	17.28	17.17	18.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.26	17.39	17.21	18.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.29	17.38	17.28	18.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.32	17.26	17.19	18.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.23	17.36	17.27	18.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.19	17.38	17.21	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	21.62	21.77	21.66	23.5	0.0
40	Pi/2 BPSK	1	108	21.61	21.66	21.54		
40	Pi/2 BPSK	1	214	21.62	21.74	21.69		
40	Pi/2 BPSK	108	0	21.00	21.14	21.03	23.0	0.5
40	Pi/2 BPSK	108	54	21.55	21.68	21.60	23.5	0.0
40	Pi/2 BPSK	108	108	21.09	21.12	21.02	23.0	0.5
40	Pi/2 BPSK	216	0	21.07	21.14	21.11		
40	QPSK	1	1	21.80	21.86	21.82	23.5	0.0
40	QPSK	1	108	21.58	21.66	21.53		
40	QPSK	1	214	21.59	21.72	21.70		
40	QPSK	108	0	20.59	20.63	20.62	22.5	1.0
40	QPSK	108	54	21.82	21.88	21.84	23.5	0.0
40	QPSK	108	108	20.57	20.71	20.70	22.5	1.0
40	QPSK	216	0	20.66	20.72	20.59		
40	16QAM	1	1	20.52	20.62	20.52	22.5	1.0
40	64QAM	1	1	19.07	19.20	19.13	21.0	2.5
40	256QAM	1	1	17.75	17.79	17.78	19.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.74	21.81	21.69	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.68	21.82	21.74	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.74	21.85	21.77	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.66	21.80	21.70	23.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.75	21.78	21.67	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.43	23.59	23.39	25.0	0.0
40	PI/2 BPSK	1	53	23.36	23.46	23.41		
40	PI/2 BPSK	1	104	23.36	23.43	23.42		
40	PI/2 BPSK	50	0	22.83	22.92	22.83	24.5	0.5
40	PI/2 BPSK	50	28	23.34	23.45	23.38	25.0	0.0
40	PI/2 BPSK	50	56	22.87	22.91	22.88	24.5	0.5
40	PI/2 BPSK	100	0	22.86	22.92	22.88		
40	QPSK	1	1	23.44	23.52	23.50	25.0	0.0
40	QPSK	1	53	23.29	23.43	23.28		
40	QPSK	1	104	23.40	23.47	23.41		
40	QPSK	50	0	22.41	22.43	22.38	24.0	1.0
40	QPSK	50	28	23.40	23.42	23.35	25.0	0.0
40	QPSK	50	56	22.38	22.40	22.25	24.0	1.0
40	QPSK	100	0	22.38	22.41	22.29		
40	16QAM	1	1	22.24	22.25	22.20	24.0	1.0
40	64QAM	1	1	20.69	20.81	20.78	22.5	2.5
40	256QAM	1	1	19.32	19.37	19.22	20.5	4.5
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	23.37	23.37	23.46	25.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	23.41	23.47	23.43	25.0	0.0
Channel				515502	519000	522498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	23.39	23.43	23.38	25.0	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	23.35	23.41	23.45	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.68	17.77	17.78	19.0	0.0
40	PI/2 BPSK	1	53	17.78	17.82	17.82		
40	PI/2 BPSK	1	104	17.75	17.90	17.74		
40	PI/2 BPSK	50	0	17.78	17.78	17.75	19.0	0.0
40	PI/2 BPSK	50	28	17.76	17.87	17.77	19.0	0.0
40	PI/2 BPSK	50	56	17.76	17.91	17.73		
40	PI/2 BPSK	100	0	17.81	17.86	17.79		
40	QPSK	1	1	17.82	17.92	17.84	19.0	0.0
40	QPSK	1	53	17.67	17.87	17.74		
40	QPSK	1	104	17.68	17.80	17.71		
40	QPSK	50	0	17.75	17.83	17.80	19.0	0.0
40	QPSK	50	28	17.76	17.90	17.81	19.0	0.0
40	QPSK	50	56	17.69	17.79	17.70		
40	QPSK	100	0	17.73	17.83	17.73		
40	16QAM	1	1	17.68	17.78	17.75	19.0	0.0
40	64QAM	1	1	17.71	17.79	17.78	19.0	0.0
40	256QAM	1	1	17.80	17.85	17.75	19.0	0.0
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	17.80	17.85	17.79	19.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	17.75	17.81	17.72	19.0	0.0
Channel				515502	519000	522498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	17.73	17.85	17.73	19.0	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	17.72	17.77	17.74	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.46	19.58	19.51	21.0	0.0
40	PI/2 BPSK	1	53	19.49	19.62	19.51		
40	PI/2 BPSK	1	104	19.37	19.65	19.46		
40	PI/2 BPSK	50	0	19.45	19.61	19.60	21.0	0.0
40	PI/2 BPSK	50	28	19.43	19.55	19.53	21.0	0.0
40	PI/2 BPSK	50	56	19.46	19.53	19.53		
40	PI/2 BPSK	100	0	19.47	19.61	19.60		
40	QPSK	1	1	19.51	19.68	19.61	21.0	0.0
40	QPSK	1	53	19.41	19.55	19.47		
40	QPSK	1	104	19.48	19.63	19.57		
40	QPSK	50	0	19.40	19.50	19.49	21.0	0.0
40	QPSK	50	28	19.47	19.63	19.54	21.0	0.0
40	QPSK	50	56	19.34	19.38	19.36		
40	QPSK	100	0	19.35	19.45	19.36		
40	16QAM	1	1	19.23	19.38	19.24	21.0	0.0
40	64QAM	1	1	17.92	17.94	17.80	19.5	1.5
40	256QAM	1	1	16.47	16.48	16.38	17.5	3.5
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	19.39	19.55	19.51	21.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	19.50	19.56	19.47	21.0	0.0
Channel				515502	519000	522498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	19.42	19.62	19.60	21.0	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	19.47	19.67	19.53	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.69	22.74	22.64		
100	PI/2 BPSK	1	137	22.63	22.73	22.66	24.2	0.0
100	PI/2 BPSK	1	271	22.63	22.60	22.70		
100	PI/2 BPSK	135	0	22.60	22.72	22.65	24.2	0.0
100	PI/2 BPSK	135	69	22.70	22.63	22.60	24.2	0.0
100	PI/2 BPSK	135	138	22.60	22.64	22.60	24.2	0.0
100	PI/2 BPSK	270	0	22.61	22.64	22.65		
100	QPSK	1	1	22.80	22.88	22.76		
100	QPSK	1	137	22.68	22.62	22.66	24.2	0.0
100	QPSK	1	271	22.72	22.68	22.67		
100	QPSK	135	0	22.83	22.63	22.69	24.2	0.0
100	QPSK	135	69	22.70	22.73	22.70	24.2	0.0
100	QPSK	135	138	22.67	22.66	22.62	24.2	0.0
100	QPSK	270	0	22.66	22.68	22.60		
100	16QAM	1	1	22.63	22.63	22.72	24.2	0.0
100	64QAM	1	1	22.68	22.60	22.66	24.2	0.0
100	256QAM	1	1	21.50	21.52	21.46	22.7	1.5
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	22.79	22.74	22.70	24.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2538.02	2592.99	2648.99	(dBm)	(dB)
80	QPSK	1	1	22.76	22.79	22.61	24.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	22.72	22.79	22.72	24.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	22.72	22.81	22.71	24.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	22.68	22.79	22.61	24.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	22.78	22.84	22.73	24.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	22.76	22.85	22.70	24.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2508.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	22.77	22.80	22.61	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.65	25.76	25.62		
100	PI/2 BPSK	1	137	25.64	25.74	25.68	27.2	0.0
100	PI/2 BPSK	1	271	25.53	25.67	25.54		
100	PI/2 BPSK	135	0	25.58	25.32	25.22	26.7	0.5
100	PI/2 BPSK	135	69	25.71	25.74	25.69	27.2	0.0
100	PI/2 BPSK	135	138	25.18	25.27	25.13	26.7	0.5
100	PI/2 BPSK	270	0	25.30	25.31	25.18		
100	QPSK	1	1	25.78	25.80	25.76		
100	QPSK	1	137	25.70	25.70	25.70	27.2	0.0
100	QPSK	1	271	25.74	25.74	25.74		
100	QPSK	135	0	24.79	24.79	24.79	26.2	1.0
100	QPSK	135	69	25.75	25.78	25.71	27.2	0.0
100	QPSK	135	138	24.66	24.71	24.66	26.2	1.0
100	QPSK	270	0	24.74	24.77	24.66		
100	16QAM	1	1	24.42	24.57	24.56	26.2	1.0
100	64QAM	1	1	23.00	23.03	22.88	24.7	2.5
100	256QAM	1	1	21.55	21.59	21.53	22.7	4.5
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	25.75	25.71	25.70	27.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2538.02	2592.99	2648.99	(dBm)	(dB)
80	QPSK	1	1	25.66	25.67	25.73	27.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	25.72	25.78	25.72	27.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	25.76	25.69	25.65	27.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	25.73	25.66	25.74	27.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	25.71	25.73	25.64	27.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	25.67	25.69	25.61	27.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2508.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	25.66	25.76	25.75	27.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.19	18.21	18.19		
100	PI/2 BPSK	1	137	18.10	18.33	18.10	19.2	0.0
100	PI/2 BPSK	1	271	18.17	18.21	18.14		
100	PI/2 BPSK	135	0	18.15	18.31	18.18	19.2	0.0
100	PI/2 BPSK	135	69	18.22	18.35	18.19	19.2	0.0
100	PI/2 BPSK	135	138	18.12	18.24	18.18	19.2	0.0
100	PI/2 BPSK	270	0	18.19	18.21	18.14		
100	QPSK	1	1	18.23	18.36	18.25		
100	QPSK	1	137	18.17	18.24	18.17	19.2	0.0
100	QPSK	1	271	18.09	18.25	18.19		
100	QPSK	135	0	18.12	18.21	18.12	19.2	0.0
100	QPSK	135	69	18.21	18.34	18.21	19.2	0.0
100	QPSK	135	138	18.08	18.27	18.16	19.2	0.0
100	QPSK	270	0	18.15	18.26	18.17		
100	16QAM	1	1	18.12	18.30	18.10	19.2	0.0
100	64QAM	1	1	18.10	18.28	18.10	19.2	0.0
100	256QAM	1	1	18.08	18.23	18.19	19.2	0.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	18.17	18.22	18.16	19.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2538.02	2592.99	2648.99	(dBm)	(dB)
80	QPSK	1	1	18.17	18.21	18.21	19.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	18.16	18.25	18.19	19.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	18.15	18.27	18.15	19.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	18.15	18.26	18.24	19.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	18.16	18.25	18.19	19.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	18.16	18.25	18.19	19.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2508.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	18.18	18.25	18.11	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.19	18.21	18.19		
100	PI/2 BPSK	1	137	18.10	18.33	18.10	19.2	0.0
100	PI/2 BPSK	1	271	18.17	18.21	18.14		
100	PI/2 BPSK	135	0	18.15	18.31	18.18	19.2	0.0
100	PI/2 BPSK	135	69	18.22	18.35	18.19	19.2	0.0
100	PI/2 BPSK	135	138	18.12	18.24	18.18	19.2	0.0
100	PI/2 BPSK	270	0	18.19	18.21	18.14		
100	QPSK	1	1	18.23	18.36	18.25		
100	QPSK	1	137	18.17	18.24	18.17	19.2	0.0
100	QPSK	1	271	18.09	18.25	18.19		
100	QPSK	135	0	18.12	18.21	18.12	19.2	0.0
100	QPSK	135	69	18.21	18.34	18.21	19.2	0.0
100	QPSK	135	138	18.08	18.27	18.16	19.2	0.0
100	QPSK	270	0	18.15	18.26	18.17		
100	16QAM	1	1	18.12	18.30	18.10	19.2	0.0
100	64QAM	1	1	18.10	18.28	18.10	19.2	0.0
100	256QAM	1	1	18.08	18.23	18.19	19.2	0.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	18.17	18.22	18.16	19.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2538.02	2592.99	2648.99	(dBm)	(dB)
80	QPSK	1	1	18.17	18.21	18.21	19.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	18.16	18.25	18.19	19.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	18.15	18.27	18.15	19.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	18.15	18.26	18.24	19.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	18.16	18.25	18.19	19.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	18.16	18.25	18.19	19.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2508.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	18.18	18.25	18.11	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.24	19.42	19.27		
100	PI/2 BPSK	1	137	19.25	19.35	19.25	20.2	0.0
100	PI/2 BPSK	1	271	19.23	19.30	19.13		
100	PI/2 BPSK	135	0	19.30	19.30	19.22	20.2	0.0
100	PI/2 BPSK	135	69	19.28	19.40	19.24	20.2	0.0
100	PI/2 BPSK	135	138	19.18	19.30	19.13	20.2	0.0
100	PI/2 BPSK	270	0	19.28	19.30	19.18		
100	QPSK	1	1	19.32	19.44	19.28		
100	QPSK	1	137	19.17	19.33	19.13	20.2	0.0
100	QPSK	1	271	19.30	19.37	19.14		
100	QPSK	135	0	19.22	19.35	19.06	20.2	0.0
100	QPSK	135	69	19.26	19.39	19.20	20.2	0.0
100	QPSK	135	138	19.21	19.26	19.05	20.2	0.0
100	QPSK	270	0	19.24	19.34	19.12		
100	16QAM	1	1	19.17	19.33	19.15	20.2	0.0
100	64QAM	1	1	19.28	19.40	19.16	20.2	0.0
100	256QAM	1	1	18.92	18.83	18.76	19.7	0.5
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	19.26	19.32	19.17	20.2	0.0
Channel				507204	518598	529992	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	19.30	19.37	19.25	20.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	19.31	19.40	19.20	20.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	19.23	19.36	19.24	20.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	19.29	19.38	19.19	20.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	19.28	19.29	19.27	20.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	19.28	19.34	19.22	20.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	19.17	19.37	19.20	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.24	19.42	19.27		
100	PI/2 BPSK	1	137	19.25	19.35	19.25	20.2	0.0
100	PI/2 BPSK	1	271	19.23	19.30	19.13		
100	PI/2 BPSK	135	0	19.30	19.30	19.22	20.2	0.0
100	PI/2 BPSK	135	69	19.28	19.40	19.24	20.2	0.0
100	PI/2 BPSK	135	138	19.18	19.30	19.13	20.2	0.0
100	PI/2 BPSK	270	0	19.28	19.30	19.18		
100	QPSK	1	1	19.32	19.44	19.28		
100	QPSK	1	137	19.17	19.33	19.13	20.2	0.0
100	QPSK	1	271	19.30	19.37	19.14		
100	QPSK	135	0	19.22	19.35	19.06	20.2	0.0
100	QPSK	135	69	19.26	19.39	19.20	20.2	0.0
100	QPSK	135	138	19.21	19.26	19.05	20.2	0.0
100	QPSK	270	0	19.24	19.34	19.12		
100	16QAM	1	1	19.17	19.33	19.15	20.2	0.0
100	64QAM	1	1	19.28	19.40	19.16	20.2	0.0
100	256QAM	1	1	18.92	18.83	18.76	19.7	0.5
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	19.26	19.32	19.17	20.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	19.30	19.37	19.25	20.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	19.31	19.40	19.20	20.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	19.23	19.36	19.24	20.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	19.29	19.38	19.19	20.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	19.28	19.29	19.27	20.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	19.28	19.34	19.22	20.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	19.17	19.37	19.20	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.76			
100	PI/2 BPSK	1	137		14.70		16.2	0.0
100	PI/2 BPSK	1	271		14.76			
100	PI/2 BPSK	135	0		14.75		16.2	0.0
100	PI/2 BPSK	135	69		14.76		16.2	0.0
100	PI/2 BPSK	135	138		14.82		16.2	0.0
100	PI/2 BPSK	270	0		14.69			
100	QPSK	1	1		14.83			
100	QPSK	1	137		14.76		16.2	0.0
100	QPSK	1	271		14.77			
100	QPSK	135	0		14.74		16.2	0.0
100	QPSK	135	69		14.81		16.2	0.0
100	QPSK	135	138		14.69		16.2	0.0
100	QPSK	270	0		14.76			
100	16QAM	1	1		14.76		16.2	0.0
100	64QAM	1	1		14.76		16.2	0.0
100	256QAM	1	1		14.80		16.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	14.74	14.82	14.71	16.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	14.82	14.68	14.72	16.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	14.72	14.74	14.80	16.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	14.78	14.74	14.76	16.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	14.77	14.78	14.75	16.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	14.72	14.75	14.78	16.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	14.75	14.82	14.76	16.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	14.77	14.78	14.72	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.65	14.60	14.38		
100	PI/2 BPSK	1	137	14.62	14.68	14.39	16.2	0.0
100	PI/2 BPSK	1	271	14.59	14.65	14.38		
100	PI/2 BPSK	135	0	14.64	14.70	14.32	16.2	0.0
100	PI/2 BPSK	135	69	14.69	14.64	14.31	16.2	0.0
100	PI/2 BPSK	135	138	14.56	14.69	14.33	16.2	0.0
100	PI/2 BPSK	270	0	14.64	14.60	14.41		
100	QPSK	1	1	14.71	14.75	14.45		
100	QPSK	1	137	14.60	14.61	14.45	16.2	0.0
100	QPSK	1	271	14.67	14.66	14.43		
100	QPSK	135	0	14.55	14.58	14.36	16.2	0.0
100	QPSK	135	69	14.65	14.67	14.42	16.2	0.0
100	QPSK	135	138	14.60	14.62	14.27	16.2	0.0
100	QPSK	270	0	14.57	14.63	14.41		
100	16QAM	1	1	14.67	14.60	14.41	16.2	0.0
100	64QAM	1	1	14.63	14.74	14.37	16.2	0.0
100	256QAM	1	1	14.61	14.74	14.40	16.2	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	14.60	14.64	14.40	16.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	14.62	14.65	14.40	16.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	14.59	14.74	14.34	16.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	14.63	14.68	14.32	16.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	14.60	14.67	14.39	16.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	14.65	14.61	14.39	16.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	14.68	14.71	14.38	16.2	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	14.67	14.62	14.39	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.62			
100	PI/2 BPSK	1	137		16.59		18.2	0.0
100	PI/2 BPSK	1	271		16.62			
100	PI/2 BPSK	135	0		16.60		18.2	0.0
100	PI/2 BPSK	135	69		16.54		18.2	0.0
100	PI/2 BPSK	135	138		16.59		18.2	0.0
100	PI/2 BPSK	270	0		16.57			
100	QPSK	1	1		16.63			
100	QPSK	1	137		16.54		18.2	0.0
100	QPSK	1	271		16.61			
100	QPSK	135	0		16.41		18.2	0.0
100	QPSK	135	69		16.56		18.2	0.0
100	QPSK	135	138		16.55		18.2	0.0
100	QPSK	270	0		16.50			
100	16QAM	1	1		16.50		18.2	0.0
100	64QAM	1	1		16.56		18.2	0.0
100	256QAM	1	1		16.48		18.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.49	16.58	16.60	18.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3492.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	16.51	16.55	16.54	18.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	16.59	16.61	16.61	18.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	16.57	16.48	16.61	18.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.50	16.62	16.51	18.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.57	16.51	16.49	18.2	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.54	16.60	16.62	18.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.48	16.57	16.54	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3940	3930		
100	PI/2 BPSK	1	1	16.58	16.58	16.63		
100	PI/2 BPSK	1	137	16.64	16.57	16.67	18.2	0.0
100	PI/2 BPSK	1	271	16.62	16.67	16.63		
100	PI/2 BPSK	135	0	16.56	16.62	16.55	18.2	0.0
100	PI/2 BPSK	135	69	16.63	16.60	16.57	18.2	0.0
100	PI/2 BPSK	135	138	16.55	16.57	16.55	18.2	0.0
100	PI/2 BPSK	270	0	16.63	16.57	16.67		
100	QPSK	1	1	16.65	16.71	16.70		
100	QPSK	1	137	16.52	16.58	16.65	18.2	0.0
100	QPSK	1	271	16.63	16.68	16.69		
100	QPSK	135	0	16.51	16.58	16.62	18.2	0.0
100	QPSK	135	69	16.59	16.68	16.63	18.2	0.0
100	QPSK	135	138	16.46	16.67	16.56	18.2	0.0
100	QPSK	270	0	16.57	16.63	16.61		
100	16QAM	1	1	16.50	16.63	16.68	18.2	0.0
100	64QAM	1	1	16.53	16.62	16.63	18.2	0.0
100	256QAM	1	1	16.52	16.58	16.59	18.2	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3940	3934.98	(dBm)	(dB)
90	QPSK	1	1	16.64	16.57	16.56	18.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3940	3939.99	(dBm)	(dB)
80	QPSK	1	1	16.60	16.63	16.60	18.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3730	3940	3945	(dBm)	(dB)
70	QPSK	1	1	16.53	16.58	16.59	18.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3940	3949.98	(dBm)	(dB)
60	QPSK	1	1	16.61	16.60	16.56	18.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3940	3954.99	(dBm)	(dB)
50	QPSK	1	1	16.51	16.61	16.63	18.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3940	3960	(dBm)	(dB)
40	QPSK	1	1	16.56	16.59	16.57	18.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3940	3964.98	(dBm)	(dB)
30	QPSK	1	1	16.53	16.67	16.59	18.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3940	3969.99	(dBm)	(dB)
20	QPSK	1	1	16.52	16.59	16.66	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.57			
100	PI/2 BPSK	1	137		15.61		16.2	0.0
100	PI/2 BPSK	1	271		15.51			
100	PI/2 BPSK	135	0		15.65		16.2	0.0
100	PI/2 BPSK	135	69		15.51		16.2	0.0
100	PI/2 BPSK	135	138		15.62		16.2	0.0
100	PI/2 BPSK	270	0		15.52			
100	QPSK	1	1		15.66			
100	QPSK	1	137		15.56		16.2	0.0
100	QPSK	1	271		15.52			
100	QPSK	135	0		15.51		16.2	0.0
100	QPSK	135	69		15.59		16.2	0.0
100	QPSK	135	138		15.49		16.2	0.0
100	QPSK	270	0		15.55			
100	16QAM	1	1		15.61		16.2	0.0
100	64QAM	1	1		15.52		16.2	0.0
100	256QAM	1	1		15.42		15.7	0.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	15.51	15.63	15.61	16.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3492.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.61	15.63	15.65	16.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.63	15.63	15.61	16.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.57	15.51	15.61	16.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	15.53	15.62	15.51	16.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.54	15.65	15.62	16.2	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.55	15.58	15.53	16.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.54	15.60	15.52	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3940	3930		
100	PI/2 BPSK	1	1	15.78	15.78	15.22		
100	PI/2 BPSK	1	137	15.71	15.82	15.28	16.2	0.0
100	PI/2 BPSK	1	271	15.81	15.76	15.27		
100	PI/2 BPSK	135	0	15.84	15.82	15.29	16.2	0.0
100	PI/2 BPSK	135	69	15.82	15.81	15.22	16.2	0.0
100	PI/2 BPSK	135	138	15.85	15.84	15.30	16.2	0.0
100	PI/2 BPSK	270	0	15.74	15.81	15.27		
100	QPSK	1	1	15.86	15.89	15.33		
100	QPSK	1	137	15.77	15.74	15.24	16.2	0.0
100	QPSK	1	271	15.71	15.75	15.22		
100	QPSK	135	0	15.69	15.74	15.23	16.2	0.0
100	QPSK	135	69	15.82	15.86	15.27	16.2	0.0
100	QPSK	135	138	15.68	15.81	15.12	16.2	0.0
100	QPSK	270	0	15.76	15.80	15.22		
100	16QAM	1	1	15.76	15.84	15.32	16.2	0.0
100	64QAM	1	1	15.79	15.80	15.24	16.2	0.0
100	256QAM	1	1	15.48	15.60	15.27	15.7	0.5
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3940	3934.98	(dBm)	(dB)
90	QPSK	1	1	15.77	15.84	15.30	16.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3940	3939.99	(dBm)	(dB)
80	QPSK	1	1	15.75	15.87	15.20	16.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3730	3940	3945	(dBm)	(dB)
70	QPSK	1	1	15.73	15.83	15.18	16.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3940	3949.98	(dBm)	(dB)
60	QPSK	1	1	15.80	15.74	15.28	16.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3940	3954.99	(dBm)	(dB)
50	QPSK	1	1	15.73	15.78	15.28	16.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3940	3960	(dBm)	(dB)
40	QPSK	1	1	15.82	15.85	15.22	16.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3940	3964.98	(dBm)	(dB)
30	QPSK	1	1	15.82	15.85	15.21	16.2	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3940	3969.99	(dBm)	(dB)
20	QPSK	1	1	15.72	15.76	15.23	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.84			
100	PI/2 BPSK	1	137		15.77		16.7	0.0
100	PI/2 BPSK	1	271		15.79			
100	PI/2 BPSK	135	0		15.79		16.7	0.0
100	PI/2 BPSK	135	69		15.78		16.7	0.0
100	PI/2 BPSK	135	138		15.73		16.7	0.0
100	PI/2 BPSK	270	0		15.78			
100	QPSK	1	1		15.87		16.7	0.0
100	QPSK	1	137		15.79			
100	QPSK	1	271		15.84		16.7	0.0
100	QPSK	135	0		15.74		16.7	0.0
100	QPSK	135	69		15.82		16.7	0.0
100	QPSK	135	138		15.67		16.7	0.0
100	QPSK	270	0		15.80			
100	16QAM	1	1		15.80		16.7	0.0
100	64QAM	1	1		15.76		16.7	0.0
100	256QAM	1	1		15.84		16.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	15.76	15.72	15.79	16.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.84	15.72	15.79	16.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.73	15.83	15.72	16.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.83	15.77	15.77	16.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	15.85	15.77	15.79	16.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.83	15.78	15.85	16.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.76	15.75	15.81	16.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.79	15.84	15.78	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3940	3930		
100	PI/2 BPSK	1	1	15.31	15.37	14.88		
100	PI/2 BPSK	1	137	15.28	15.51	14.76	16.7	0.0
100	PI/2 BPSK	1	271	15.24	15.39	14.81		
100	PI/2 BPSK	135	0	15.23	15.50	14.83	16.7	0.0
100	PI/2 BPSK	135	69	15.27	15.45	14.79	16.7	0.0
100	PI/2 BPSK	135	138	15.36	15.44	14.89	16.7	0.0
100	PI/2 BPSK	270	0	15.34	15.37	14.86		
100	QPSK	1	1	15.38	15.52	14.91		
100	QPSK	1	137	15.29	15.51	14.87	16.7	0.0
100	QPSK	1	271	15.29	15.41	14.85		
100	QPSK	135	0	15.30	15.44	14.76	16.7	0.0
100	QPSK	135	69	15.37	15.49	14.85	16.7	0.0
100	QPSK	135	138	15.31	15.45	14.82		
100	QPSK	270	0	15.30	15.41	14.80	16.7	0.0
100	16QAM	1	1	15.30	15.47	14.82	16.7	0.0
100	64QAM	1	1	15.25	15.37	14.88	16.7	0.0
100	256QAM	1	1	15.35	15.43	14.86	16.7	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3940	3934.98	(dBm)	(dB)
90	QPSK	1	1	15.49	15.42	15.45	16.7	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3940	3939.99	(dBm)	(dB)
80	QPSK	1	1	15.42	15.45	15.39	16.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3940	3945	(dBm)	(dB)
70	QPSK	1	1	15.45	15.42	15.38	16.7	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3940	3949.98	(dBm)	(dB)
60	QPSK	1	1	15.41	15.50	15.51	16.7	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3940	3954.99	(dBm)	(dB)
50	QPSK	1	1	15.45	15.40	15.51	16.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3940	3960	(dBm)	(dB)
40	QPSK	1	1	15.39	15.51	15.40	16.7	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3940	3964.98	(dBm)	(dB)
30	QPSK	1	1	15.48	15.42	15.47	16.7	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3940	3969.99	(dBm)	(dB)
20	QPSK	1	1	15.48	15.51	15.37	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.72			
100	PI/2 BPSK	1	137		14.72		16.2	0.0
100	PI/2 BPSK	1	271		14.68			
100	PI/2 BPSK	135	0		14.77		16.2	0.0
100	PI/2 BPSK	135	69		14.74		16.2	0.0
100	PI/2 BPSK	135	138		14.71		16.2	0.0
100	PI/2 BPSK	270	0		14.71			
100	QPSK	1	1		14.81		16.2	0.0
100	QPSK	1	137		14.67			
100	QPSK	1	271		14.75		16.2	0.0
100	QPSK	135	0		14.69		16.2	0.0
100	QPSK	135	69		14.73		16.2	0.0
100	QPSK	135	138		14.66		16.2	0.0
100	QPSK	270	0		14.66			
100	16QAM	1	1		14.79		16.2	0.0
100	64QAM	1	1		14.71		16.2	0.0
100	256QAM	1	1		14.72		16.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	14.67	14.75	14.77	16.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	14.78	14.79	14.78	16.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	14.68	14.80	14.77	16.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	14.66	14.73	14.73	16.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	14.68	14.67	14.68	16.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	14.69	14.76	14.80	16.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	14.70	14.72	14.69	16.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	14.74	14.76	14.68	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.72			
100	PI/2 BPSK	1	137		14.72		16.2	0.0
100	PI/2 BPSK	1	271		14.68			
100	PI/2 BPSK	135	0		14.77		16.2	0.0
100	PI/2 BPSK	135	69		14.74		16.2	0.0
100	PI/2 BPSK	135	138		14.71		16.2	0.0
100	PI/2 BPSK	270	0		14.71			
100	QPSK	1	1		14.81		16.2	0.0
100	QPSK	1	137		14.67			
100	QPSK	1	271		14.75		16.2	0.0
100	QPSK	135	0		14.69		16.2	0.0
100	QPSK	135	69		14.73		16.2	0.0
100	QPSK	135	138		14.66		16.2	0.0
100	QPSK	270	0		14.66			
100	16QAM	1	1		14.79		16.2	0.0
100	64QAM	1	1		14.71		16.2	0.0
100	256QAM	1	1		14.72		16.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	14.67	14.75	14.77	16.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	14.78	14.79	14.78	16.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	14.68	14.80	14.77	16.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	14.66	14.73	14.73	16.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	14.68	14.67	14.68	16.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	14.69	14.76	14.80	16.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	14.70	14.72	14.69	16.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	14.74	14.76	14.68	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.48			
100	PI/2 BPSK	1	137		14.43		16.2	0.0
100	PI/2 BPSK	1	271		14.47			
100	PI/2 BPSK	135	0		14.38		16.2	0.0
100	PI/2 BPSK	135	69		14.35		16.2	0.0
100	PI/2 BPSK	135	138		14.47		16.2	0.0
100	PI/2 BPSK	270	0		14.48			
100	QPSK	1	1		14.50			
100	QPSK	1	137		14.45		16.2	0.0
100	QPSK	1	271		14.36			
100	QPSK	135	0		14.41		16.2	0.0
100	QPSK	135	69		14.46		16.2	0.0
100	QPSK	135	138		14.44		16.2	0.0
100	QPSK	270	0		14.42			
100	16QAM	1	1		14.48		16.2	0.0
100	64QAM	1	1		14.41		16.2	0.0
100	256QAM	1	1		14.47		16.2	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	14.38	14.49	14.48	16.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	14.41	14.38	14.46	16.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	14.44	14.35	14.37	16.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	14.49	14.49	14.39	16.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	14.49	14.49	14.35	16.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	14.40	14.42	14.42	16.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	14.38	14.43	14.36	16.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	14.36	14.49	14.42	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.48			
100	PI/2 BPSK	1	137		14.43		16.2	0.0
100	PI/2 BPSK	1	271		14.47			
100	PI/2 BPSK	135	0		14.38		16.2	0.0
100	PI/2 BPSK	135	69		14.35		16.2	0.0
100	PI/2 BPSK	135	138		14.47		16.2	0.0
100	PI/2 BPSK	270	0		14.48			
100	QPSK	1	1		14.50			
100	QPSK	1	137		14.45		16.2	0.0
100	QPSK	1	271		14.36			
100	QPSK	135	0		14.41		16.2	0.0
100	QPSK	135	69		14.46		16.2	0.0
100	QPSK	135	138		14.44		16.2	0.0
100	QPSK	270	0		14.42			
100	16QAM	1	1		14.48		16.2	0.0
100	64QAM	1	1		14.41		16.2	0.0
100	256QAM	1	1		14.47		16.2	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	14.38	14.49	14.48	16.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	14.41	14.38	14.46	16.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	14.44	14.35	14.37	16.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	14.49	14.49	14.39	16.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	14.49	14.49	14.35	16.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	14.40	14.42	14.42	16.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	14.38	14.43	14.36	16.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	14.36	14.49	14.42	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.47			
100	PI/2 BPSK	1	137		16.48		18.2	0.0
100	PI/2 BPSK	1	271		16.45			
100	PI/2 BPSK	135	0		16.44		18.2	0.0
100	PI/2 BPSK	135	69		16.40		18.2	0.0
100	PI/2 BPSK	135	138		16.43		18.2	0.0
100	PI/2 BPSK	270	0		16.48			
100	QPSK	1	1		16.53			
100	QPSK	1	137		16.43		18.2	0.0
100	QPSK	1	271		16.50			
100	QPSK	135	0		16.39		18.2	0.0
100	QPSK	135	69		16.50		18.2	0.0
100	QPSK	135	138		16.39		18.2	0.0
100	QPSK	270	0		16.42			
100	16QAM	1	1		16.50		18.2	0.0
100	64QAM	1	1		16.49		18.2	0.0
100	256QAM	1	1		16.40		18.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.51	16.49	16.41	18.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	16.43	16.42	16.50	18.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	16.41	16.39	16.43	18.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3483	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	16.41	16.51	16.46	18.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.46	16.41	16.44	18.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.38	16.44	16.44	18.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.48	16.52	16.48	18.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.48	16.41	16.47	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.47			
100	PI/2 BPSK	1	137		16.48		18.2	0.0
100	PI/2 BPSK	1	271		16.45			
100	PI/2 BPSK	135	0		16.44		18.2	0.0
100	PI/2 BPSK	135	69		16.40		18.2	0.0
100	PI/2 BPSK	135	138		16.43		18.2	0.0
100	PI/2 BPSK	270	0		16.48			
100	QPSK	1	1		16.53			
100	QPSK	1	137		16.43		18.2	0.0
100	QPSK	1	271		16.50			
100	QPSK	135	0		16.39		18.2	0.0
100	QPSK	135	69		16.50		18.2	0.0
100	QPSK	135	138		16.39		18.2	0.0
100	QPSK	270	0		16.42			
100	16QAM	1	1		16.50		18.2	0.0
100	64QAM	1	1		16.49		18.2	0.0
100	256QAM	1	1		16.40		18.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.51	16.49	16.41	18.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	16.43	16.42	16.50	18.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	16.41	16.39	16.43	18.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	16.41	16.51	16.46	18.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.46	16.41	16.44	18.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.38	16.44	16.44	18.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.48	16.52	16.48	18.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.48	16.41	16.47	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.53			
100	PI/2 BPSK	1	137		16.59		18.2	0.0
100	PI/2 BPSK	1	271		16.51			
100	PI/2 BPSK	135	0		16.54		18.2	0.0
100	PI/2 BPSK	135	69		16.45		18.2	0.0
100	PI/2 BPSK	135	138		16.56		18.2	0.0
100	PI/2 BPSK	270	0		16.50			
100	QPSK	1	1		16.60			
100	QPSK	1	137		16.59		18.2	0.0
100	QPSK	1	271		16.57			
100	QPSK	135	0		16.37		18.2	0.0
100	QPSK	135	69		16.52		18.2	0.0
100	QPSK	135	138		16.45		18.2	0.0
100	QPSK	270	0		16.45			
100	16QAM	1	1		16.53		18.2	0.0
100	64QAM	1	1		16.57		18.2	0.0
100	256QAM	1	1		16.47		18.2	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	16.47	16.51	16.56	18.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	16.50	16.48	16.58	18.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	16.55	16.47	16.57	18.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	16.45	16.50	16.59	18.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	16.58	16.58	16.55	18.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	16.46	16.49	16.46	18.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	16.48	16.53	16.49	18.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	16.49	16.52	16.47	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.53			
100	PI/2 BPSK	1	137		16.59		18.2	0.0
100	PI/2 BPSK	1	271		16.51			
100	PI/2 BPSK	135	0		16.54		18.2	0.0
100	PI/2 BPSK	135	69		16.45		18.2	0.0
100	PI/2 BPSK	135	138		16.56		18.2	0.0
100	PI/2 BPSK	270	0		16.50			
100	QPSK	1	1		16.60			
100	QPSK	1	137		16.59		18.2	0.0
100	QPSK	1	271		16.57			
100	QPSK	135	0		16.37		18.2	0.0
100	QPSK	135	69		16.52		18.2	0.0
100	QPSK	135	138		16.45		18.2	0.0
100	QPSK	270	0		16.45			
100	16QAM	1	1		16.53		18.2	0.0
100	64QAM	1	1		16.57		18.2	0.0
100	256QAM	1	1		16.47		18.2	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	16.47	16.51	16.56	18.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	16.50	16.48	16.58	18.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	16.55	16.47	16.57	18.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	16.45	16.50	16.59	18.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	16.58	16.58	16.55	18.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	16.46	16.49	16.46	18.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	16.48	16.53	16.49	18.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	16.49	16.52	16.47	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.00			
100	PI/2 BPSK	1	137		16.05		16.7	0.0
100	PI/2 BPSK	1	271		16.08			
100	PI/2 BPSK	135	0		16.02		16.7	0.0
100	PI/2 BPSK	135	69		16.05		16.7	0.0
100	PI/2 BPSK	135	138		16.03		16.7	0.0
100	PI/2 BPSK	270	0		16.12			
100	QPSK	1	1		16.15			
100	QPSK	1	137		16.08		16.7	0.0
100	QPSK	1	271		16.02			
100	QPSK	135	0		16.03		16.7	0.0
100	QPSK	135	69		16.14		16.7	0.0
100	QPSK	135	138		16.01		16.7	0.0
100	QPSK	270	0		16.09			
100	16QAM	1	1		16.03		16.7	0.0
100	64QAM	1	1		16.09		16.7	0.0
100	256QAM	1	1		16.10		16.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.14	16.03	16.09	16.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	16.13	16.10	16.11	16.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	16.01	16.06	16.12	16.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	16.09	16.00	16.12	16.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.12	16.14	16.02	16.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.14	16.11	16.04	16.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.04	16.09	16.00	16.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.10	16.13	16.07	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.00			
100	PI/2 BPSK	1	137		16.05		16.7	0.0
100	PI/2 BPSK	1	271		16.08			
100	PI/2 BPSK	135	0		16.02		16.7	0.0
100	PI/2 BPSK	135	69		16.05		16.7	0.0
100	PI/2 BPSK	135	138		16.03		16.7	0.0
100	PI/2 BPSK	270	0		16.12			
100	QPSK	1	1		16.15			
100	QPSK	1	137		16.08		16.7	0.0
100	QPSK	1	271		16.02			
100	QPSK	135	0		16.03		16.7	0.0
100	QPSK	135	69		16.14		16.7	0.0
100	QPSK	135	138		16.01		16.7	0.0
100	QPSK	270	0		16.09			
100	16QAM	1	1		16.03		16.7	0.0
100	64QAM	1	1		16.09		16.7	0.0
100	256QAM	1	1		16.10		16.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.14	16.03	16.09	16.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	16.13	16.10	16.11	16.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	16.01	16.06	16.12	16.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	16.09	16.00	16.12	16.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.12	16.14	16.02	16.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.14	16.11	16.04	16.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.04	16.09	16.00	16.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.10	16.13	16.07	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.15			
100	PI/2 BPSK	1	137		16.22		16.7	0.0
100	PI/2 BPSK	1	271		16.15			
100	PI/2 BPSK	135	0		16.19		16.7	0.0
100	PI/2 BPSK	135	69		16.16		16.7	0.0
100	PI/2 BPSK	135	138		16.18		16.7	0.0
100	PI/2 BPSK	270	0		16.20			
100	QPSK	1	1		16.28			
100	QPSK	1	137		16.22		16.7	0.0
100	QPSK	1	271		16.16			
100	QPSK	135	0		16.16		16.7	0.0
100	QPSK	135	69		16.25		16.7	0.0
100	QPSK	135	138		16.19		16.7	0.0
100	QPSK	270	0		16.22			
100	16QAM	1	1		16.19		16.7	0.0
100	64QAM	1	1		16.27		16.7	0.0
100	256QAM	1	1		16.20		16.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	16.26	16.28	16.15	16.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	16.20	16.18	16.24	16.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	16.22	16.18	16.21	16.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	16.18	16.17	16.14	16.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	16.23	16.23	16.26	16.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	16.16	16.16	16.26	16.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	16.13	16.26	16.27	16.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	16.24	16.17	16.27	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.15			
100	PI/2 BPSK	1	137		16.22		16.7	0.0
100	PI/2 BPSK	1	271		16.15			
100	PI/2 BPSK	135	0		16.19		16.7	0.0
100	PI/2 BPSK	135	69		16.16		16.7	0.0
100	PI/2 BPSK	135	138		16.18		16.7	0.0
100	PI/2 BPSK	270	0		16.20			
100	QPSK	1	1		16.28			
100	QPSK	1	137		16.22		16.7	0.0
100	QPSK	1	271		16.16			
100	QPSK	135	0		16.16		16.7	0.0
100	QPSK	135	69		16.25		16.7	0.0
100	QPSK	135	138		16.19		16.7	0.0
100	QPSK	270	0		16.22			
100	16QAM	1	1		16.19		16.7	0.0
100	64QAM	1	1		16.27		16.7	0.0
100	256QAM	1	1		16.20		16.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	16.26	16.26	16.15	16.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	16.20	16.18	16.24	16.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	16.22	16.18	16.21	16.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	16.18	16.17	16.14	16.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	16.23	16.23	16.26	16.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	16.16	16.16	16.26	16.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	16.13	16.26	16.27	16.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	16.24	16.17	16.27	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.65			
100	PI/2 BPSK	1	137		14.71		15.7	0.0
100	PI/2 BPSK	1	271		14.71			
100	PI/2 BPSK	135	0		14.70		15.7	0.0
100	PI/2 BPSK	135	69		14.67		15.7	0.0
100	PI/2 BPSK	135	138		14.78		15.7	0.0
100	PI/2 BPSK	270	0		14.78			
100	QPSK	1	1		14.80			
100	QPSK	1	137		14.79		15.7	0.0
100	QPSK	1	271		14.71			
100	QPSK	135	0		14.62		15.7	0.0
100	QPSK	135	69		14.76		15.7	0.0
100	QPSK	135	138		14.69		15.7	0.0
100	QPSK	270	0		14.73			
100	16QAM	1	1		14.74		15.7	0.0
100	64QAM	1	1		14.66		15.7	0.0
100	256QAM	1	1		14.67		15.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	14.76	14.72	14.76	15.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	14.67	14.72	14.69	15.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	14.73	14.72	14.69	15.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	14.79	14.66	14.68	15.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	14.76	14.76	14.74	15.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	14.75	14.78	14.69	15.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	14.69	14.70	14.67	15.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	14.75	14.69	14.65	15.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.65			
100	PI/2 BPSK	1	137		14.71		15.7	0.0
100	PI/2 BPSK	1	271		14.71			
100	PI/2 BPSK	135	0		14.70		15.7	0.0
100	PI/2 BPSK	135	69		14.67		15.7	0.0
100	PI/2 BPSK	135	138		14.78		15.7	0.0
100	PI/2 BPSK	270	0		14.78			
100	QPSK	1	1		14.80			
100	QPSK	1	137		14.79		15.7	0.0
100	QPSK	1	271		14.71			
100	QPSK	135	0		14.62		15.7	0.0
100	QPSK	135	69		14.76		15.7	0.0
100	QPSK	135	138		14.69		15.7	0.0
100	QPSK	270	0		14.73			
100	16QAM	1	1		14.74		15.7	0.0
100	64QAM	1	1		14.66		15.7	0.0
100	256QAM	1	1		14.67		15.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	14.76	14.72	14.76	15.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	14.67	14.72	14.69	15.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	14.73	14.72	14.66	15.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	14.79	14.66	14.68	15.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	14.76	14.76	14.74	15.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	14.75	14.78	14.69	15.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	14.69	14.70	14.67	15.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	14.75	14.69	14.65	15.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		14.54			
100	Pi/2 BPSK	1	137		14.46		15.7	0.0
100	Pi/2 BPSK	1	271		14.55			
100	Pi/2 BPSK	135	0		14.57		15.7	0.0
100	Pi/2 BPSK	135	69		14.48		15.7	0.0
100	Pi/2 BPSK	135	138		14.48		15.7	0.0
100	Pi/2 BPSK	270	0		14.54			
100	QPSK	1	1		14.61			
100	QPSK	1	137		14.55		15.7	0.0
100	QPSK	1	271		14.58			
100	QPSK	135	0		14.53		15.7	0.0
100	QPSK	135	69		14.54		15.7	0.0
100	QPSK	135	138		14.45		15.7	0.0
100	QPSK	270	0		14.46			
100	16QAM	1	1		14.54		15.7	0.0
100	64QAM	1	1		14.55		15.7	0.0
100	256QAM	1	1		14.52		15.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	14.54	14.47	14.48	15.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.99	(dBm)	(dB)
80	QPSK	1	1	14.54	14.55	14.55	15.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	14.57	14.46	14.60	15.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	14.49	14.52	14.48	15.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	14.48	14.47	14.58	15.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	14.51	14.54	14.46	15.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	14.53	14.54	14.58	15.7	0.0
Channel				647334	650006	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	14.51	14.53	14.60	15.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		14.54			
100	Pi/2 BPSK	1	137		14.46		15.7	0.0
100	Pi/2 BPSK	1	271		14.55			
100	Pi/2 BPSK	135	0		14.57		15.7	0.0
100	Pi/2 BPSK	135	69		14.48		15.7	0.0
100	Pi/2 BPSK	135	138		14.48		15.7	0.0
100	Pi/2 BPSK	270	0		14.54			
100	QPSK	1	1		14.61			
100	QPSK	1	137		14.55		15.7	0.0
100	QPSK	1	271		14.58			
100	QPSK	135	0		14.53		15.7	0.0
100	QPSK	135	69		14.54		15.7	0.0
100	QPSK	135	138		14.45		15.7	0.0
100	QPSK	270	0		14.46			
100	16QAM	1	1		14.54		15.7	0.0
100	64QAM	1	1		14.55		15.7	0.0
100	256QAM	1	1		14.52		15.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	14.54	14.47	14.48	15.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.99	(dBm)	(dB)
80	QPSK	1	1	14.54	14.55	14.55	15.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	14.57	14.46	14.60	15.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	14.49	14.52	14.48	15.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	14.48	14.47	14.58	15.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	14.51	14.54	14.46	15.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	14.53	14.54	14.58	15.7	0.0
Channel				647334	650006	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	14.51	14.53	14.60	15.7	0.0

Reduced Power Mode for ECI13

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.70	18.76	18.73		
20	PI/2 BPSK	1	53	18.66	18.76	18.72	20.3	0.0
20	PI/2 BPSK	1	104	18.76	18.85	18.79		
20	PI/2 BPSK	50	0	18.67	18.79	18.78	20.3	0.0
20	PI/2 BPSK	50	28	18.66	18.82	18.76	20.3	0.0
20	PI/2 BPSK	50	56	18.63	18.85	18.73		
20	PI/2 BPSK	100	0	18.69	18.81	18.80	20.3	0.0
20	QPSK	1	1	18.77	18.90	18.86		
20	QPSK	1	53	18.71	18.79	18.80	20.3	0.0
20	QPSK	1	104	18.72	18.89	18.72		
20	QPSK	50	0	18.69	18.78	18.71	20.3	0.0
20	QPSK	50	28	18.73	18.86	18.82	20.3	0.0
20	QPSK	50	56	18.66	18.83	18.75	20.3	0.0
20	QPSK	100	0	18.67	18.83	18.80		
20	16QAM	1	1	18.76	18.82	18.77	20.3	0.0
20	64QAM	1	1	18.78	18.80	18.81	20.3	0.0
20	256QAM	1	1	18.15	18.25	18.11	19.3	1.0
Channel				371500	376000	380500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	1	18.76	18.78	18.78	20.3	0.0
Channel				371000	376000	381000	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	1	18.70	18.76	18.81	20.3	0.0
Channel				370500	376000	381500	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	1	18.66	18.84	18.74	20.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.66	20.79	20.57		
20	PI/2 BPSK	1	53	20.71	20.71	20.62	21.8	0.0
20	PI/2 BPSK	1	104	20.66	20.75	20.63		
20	PI/2 BPSK	50	0	20.74	20.78	20.65	21.8	0.0
20	PI/2 BPSK	50	28	20.68	20.72	20.57	21.8	0.0
20	PI/2 BPSK	50	56	20.74	20.72	20.63		
20	PI/2 BPSK	100	0	20.71	20.78	20.67	21.8	0.0
20	QPSK	1	1	20.81	20.84	20.72		
20	QPSK	1	53	20.66	20.79	20.61	21.8	0.0
20	QPSK	1	104	20.76	20.69	20.66		
20	QPSK	50	0	20.77	20.78	20.68	21.8	0.0
20	QPSK	50	28	20.78	20.80	20.70	21.8	0.0
20	QPSK	50	56	20.71	20.71	20.58	21.8	0.0
20	QPSK	100	0	20.72	20.73	20.66		
20	16QAM	1	1	20.78	20.80	20.67	21.8	0.0
20	64QAM	1	1	20.08	20.14	20.06	21.3	0.5
20	256QAM	1	1	18.55	18.68	18.60	19.3	2.5
Channel				371500	376000	380500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	1	20.73	20.77	20.58	21.8	0.0
Channel				371000	376000	381000	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	1	20.73	20.82	20.71	21.8	0.0
Channel				370500	376000	381500	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	1	20.66	20.83	20.60	21.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.57	19.57	19.47		
20	PI/2 BPSK	1	53	19.49	19.59	19.43	20.8	0.0
20	PI/2 BPSK	1	104	19.48	19.62	19.51		
20	PI/2 BPSK	50	0	19.46	19.53	19.50	20.8	0.0
20	PI/2 BPSK	50	28	19.47	19.63	19.43	20.8	0.0
20	PI/2 BPSK	50	56	19.60	19.61	19.51		
20	PI/2 BPSK	100	0	19.59	19.53	19.53	20.8	0.0
20	QPSK	1	1	19.61	19.65	19.54		
20	QPSK	1	53	19.55	19.53	19.48	20.8	0.0
20	QPSK	1	104	19.52	19.57	19.46		
20	QPSK	50	0	19.48	19.60	19.45	20.8	0.0
20	QPSK	50	28	19.57	19.64	19.53	20.8	0.0
20	QPSK	50	56	19.53	19.51	19.43	20.8	0.0
20	QPSK	100	0	19.51	19.61	19.50		
20	16QAM	1	1	19.59	19.54	19.43	20.8	0.0
20	64QAM	1	1	17.74	17.85	17.75	19.3	1.5
20	256QAM	1	1	16.33	16.47	16.34	17.3	3.5
Channel				371500	376000	380500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	1	19.48	19.51	19.39	20.8	0.0
Channel				371000	376000	381000	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	1	19.57	19.60	19.49	20.8	0.0
Channel				370500	376000	381500	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	1	19.57	19.63	19.40	20.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	19.82	19.93	19.77		
20	PI/2 BPSK	1	53	19.78	19.93	19.77	21.0	0.0
20	PI/2 BPSK	1	104	19.83	19.92	19.78		
20	PI/2 BPSK	50	0	19.83	19.92	19.83	21.0	0.0
20	PI/2 BPSK	50	28	19.94	19.82	19.86	21.0	0.0
20	PI/2 BPSK	50	56	19.81	19.83	19.76		
20	PI/2 BPSK	100	0	19.86	19.85	19.74	21.0	0.0
20	QPSK	1	1	19.91	19.96	19.88		
20	QPSK	1	53	19.80	19.93	19.81	21.0	0.0
20	QPSK	1	104	19.94	19.94	19.82		
20	QPSK	50	0	19.79	19.92	19.68	21.0	0.0
20	QPSK	50	28	19.88	19.93	19.80	21.0	0.0
20	QPSK	50	56	19.78	19.82	19.74	21.0	0.0
20	QPSK	100	0	19.87	19.88	19.79		
20	16QAM	1	1	19.83	19.93	19.86	21.0	0.0
20	64QAM	1	1	19.85	19.92	19.83	21.0	0.0
20	256QAM	1	1	19.82	19.85	19.78	20.5	0.5
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	19.76	19.83	19.87	21.0	0.0
Channel				165800	167300	168800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	19.90	19.95	19.78	21.0	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				824.5	836.5	848.5	(dBm)	(dB)
5	QPSK	1	1	19.88	19.83	19.76	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				824	836.5	839		
20	Pi/2 BPSK	1	1	19.84	19.96	19.86		
20	Pi/2 BPSK	1	53	19.89	19.92	19.79	21.5	0.0
20	Pi/2 BPSK	1	104	19.79	19.96	19.90		
20	Pi/2 BPSK	50	0	19.82	19.95	19.82	21.5	0.0
20	Pi/2 BPSK	50	28	19.87	19.87	19.86	21.5	0.0
20	Pi/2 BPSK	50	56	19.75	19.87	19.78		
20	Pi/2 BPSK	100	0	19.80	19.84	19.83	21.5	0.0
20	QPSK	1	1	19.90	19.98	19.93		
20	QPSK	1	53	19.75	19.92	19.91	21.5	0.0
20	QPSK	1	104	19.89	19.89	19.78		
20	QPSK	50	0	19.81	19.90	19.76	21.5	0.0
20	QPSK	50	28	19.85	19.92	19.85	21.5	0.0
20	QPSK	50	56	19.70	19.84	19.79	21.5	0.0
20	QPSK	100	0	19.77	19.88	19.84		
20	16QAM	1	1	19.86	19.89	19.82	21.5	0.0
20	64QAM	1	1	19.89	19.96	19.91	21.5	0.0
20	256QAM	1	1	18.83	18.92	18.91	20.0	1.5
Channel				165300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	19.84	19.96	19.78	21.5	0.0
Channel				165800	167300	168800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	19.88	19.89	19.91	21.5	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	19.81	19.84	19.86	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	Pi/2 BPSK	1	1	18.25	18.44	18.32		
40	Pi/2 BPSK	1	108	18.25	18.44	18.38	20.0	0.0
40	Pi/2 BPSK	1	214	18.28	18.48	18.26		
40	Pi/2 BPSK	108	0	18.24	18.42	18.29	20.0	0.0
40	Pi/2 BPSK	108	54	18.26	18.45	18.37	20.0	0.0
40	Pi/2 BPSK	108	108	18.16	18.36	18.33		
40	Pi/2 BPSK	216	0	18.30	18.47	18.38	20.0	0.0
40	QPSK	1	1	18.31	18.50	18.41		
40	QPSK	1	108	18.18	18.44	18.27	20.0	0.0
40	QPSK	1	214	18.25	18.43	18.40		
40	QPSK	108	0	18.18	18.39	18.27	20.0	0.0
40	QPSK	108	54	18.26	18.43	18.36	20.0	0.0
40	QPSK	108	108	18.25	18.37	18.21	20.0	0.0
40	QPSK	216	0	18.20	18.40	18.31		
40	16QAM	1	1	18.30	18.42	18.33	20.0	0.0
40	64QAM	1	1	18.23	18.43	18.40	20.0	0.0
40	256QAM	1	1	18.21	18.47	18.32	20.0	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	18.23	18.38	18.29	20.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	18.19	18.44	18.37	20.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	1	18.29	18.40	18.36	20.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	18.17	18.38	18.36	20.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	18.24	18.35	18.39	20.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	18.22	18.38	18.29	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	Pi/2 BPSK	1	1	20.15	20.19	20.07		
40	Pi/2 BPSK	1	108	20.25	20.17	20.07	21.5	0.0
40	Pi/2 BPSK	1	214	20.19	20.23	20.12		
40	Pi/2 BPSK	108	0	20.19	20.24	20.05	21.5	0.0
40	Pi/2 BPSK	108	54	20.22	20.26	20.05	21.5	0.0
40	Pi/2 BPSK	108	108	20.20	20.17	20.13		
40	Pi/2 BPSK	216	0	20.24	20.22	20.14	21.5	0.0
40	QPSK	1	1	20.28	20.32	20.15		
40	QPSK	1	108	20.27	20.17	20.06	21.5	0.0
40	QPSK	1	214	20.23	20.26	20.02		
40	QPSK	108	0	20.14	20.30	20.02	21.5	0.0
40	QPSK	108	54	20.24	20.31	20.13	21.5	0.0
40	QPSK	108	108	20.13	20.26	20.11	21.5	0.0
40	QPSK	216	0	20.22	20.27	20.08		
40	16QAM	1	1	20.22	20.25	20.00	21.5	0.0
40	64QAM	1	1	20.21	20.22	20.13	21.5	0.0
40	256QAM	1	1	19.59	19.62	19.52	20.5	1.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	20.27	20.17	20.00	21.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	20.14	20.23	20.11	21.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	1	20.25	20.19	20.04	21.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	20.26	20.30	20.10	21.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	20.13	20.18	20.08	21.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	20.13	20.20	20.00	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	Pi/2 BPSK	1	1	19.78	19.83	19.70		
40	Pi/2 BPSK	1	108	19.72	19.87	19.75	21.0	0.0
40	Pi/2 BPSK	1	214	19.72	19.77	19.72		
40	Pi/2 BPSK	108	0	19.85	19.89	19.71	21.0	0.0
40	Pi/2 BPSK	108	54	19.73	19.96	19.79	21.0	0.0
40	Pi/2 BPSK	108	108	19.85	19.87	19.77		
40	Pi/2 BPSK	216	0	19.74	19.85	19.69	21.0	0.0
40	QPSK	1	1	19.87	19.91	19.81		
40	QPSK	1	108	19.83	19.90	19.78	21.0	0.0
40	QPSK	1	214	19.83	19.90	19.73		
40	QPSK	108	0	19.70	19.76	19.71	21.0	0.0
40	QPSK	108	54	19.82	19.88	19.73	21.0	0.0
40	QPSK	108	108	19.79	19.77	19.62	21.0	0.0
40	QPSK	216	0	19.72	19.77	19.73		
40	16QAM	1	1	19.45	19.60	19.56	21.0	0.0
40	64QAM	1	1	18.13	18.16	18.08	19.5	1.5
40	256QAM	1	1	16.70	16.72	16.69	17.5	3.5
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	19.81	19.83	19.69	21.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	19.82	19.90	19.78	21.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	1	19.82	19.81	19.78	21.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	19.86	19.84	19.67	21.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	19.77	19.82	19.71	21.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	19.81	19.77	19.72	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	Pi/2 BPSK	1	1	21.41	21.40	21.29		
15	Pi/2 BPSK	1	40	21.34	21.36	21.34	22.3	0.0
15	Pi/2 BPSK	1	77	21.40	21.39	21.33		
15	Pi/2 BPSK	36	0	21.32	21.41	21.30	22.3	0.0
15	Pi/2 BPSK	36	22	21.34	21.38	21.22	22.3	0.0
15	Pi/2 BPSK	36	43	21.44	21.37	21.23		
15	Pi/2 BPSK	75	0	21.40	21.36	21.27	22.3	0.0
15	QPSK	1	1	21.47	21.50	21.37		
15	QPSK	1	40	21.42	21.42	21.27	22.3	0.0
15	QPSK	1	77	21.37	21.37	21.23		
15	QPSK	36	0	21.31	21.35	21.23	22.3	0.0
15	QPSK	36	22	21.43	21.47	21.33	22.3	0.0
15	QPSK	36	43	21.34	21.42	21.28	22.3	0.0
15	QPSK	75	0	21.42	21.43	21.25		
15	16QAM	1	1	21.36	21.41	21.28	22.3	0.0
15	64QAM	1	1	20.13	20.23	20.11	21.3	1.0
	256QAM	1	1	18.73	18.81	18.70	19.3	3.0
Channel				140800	141500	142200	Tune-up limit	MPR
Frequency (MHz)				704	707.5	711	(dBm)	(dB)
10	QPSK	1	1	21.45	21.42	21.32	22.3	0.0
Channel				140300	141500	142700	Tune-up limit	MPR
Frequency (MHz)				701.5	707.5	713.5	(dBm)	(dB)
5	QPSK	1	1	21.45	21.49	21.22	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	Pi/2 BPSK	1	1	21.73	21.80	21.58		
15	Pi/2 BPSK	1	40	21.78	21.83	21.61	22.3	0.0
15	Pi/2 BPSK	1	77	21.72	21.79	21.54		
15	Pi/2 BPSK	36	0	21.75	21.79	21.62	22.3	0.0
15	Pi/2 BPSK	36	22	21.72	21.76	21.55	22.3	0.0
15	Pi/2 BPSK	36	43	21.73	21.81	21.64		
15	Pi/2 BPSK	75	0	21.77	21.82	21.65	22.3	0.0
15	QPSK	1	1	21.79	21.84	21.66		
15	QPSK	1	40	21.76	21.79	21.62	22.3	0.0
15	QPSK	1	77	21.69	21.69	21.51		
15	QPSK	36	0	21.21	21.25	21.16	21.8	0.5
15	QPSK	36	22	21.74	21.82	21.65	22.3	0.0
15	QPSK	36	43	21.12	21.23	21.20	21.8	0.5
15	QPSK	75	0	21.16	21.26	21.23		
15	16QAM	1	1	20.84	20.99	20.96	21.8	0.5
15	64QAM	1	1	19.49	19.54	19.50	20.3	2.0
	256QAM	1	1	17.99	18.12	18.05	18.3	4.0
Channel				140600	141500	142200	Tune-up limit	MPR
Frequency (MHz)				704	707.5	711	(dBm)	(dB)
10	QPSK	1	1	21.65	21.73	21.58	22.3	0.0
Channel				140300	141500	142700	Tune-up limit	MPR
Frequency (MHz)				701.5	707.5	713.5	(dBm)	(dB)
5	QPSK	1	1	21.66	21.69	21.59	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	Pi/2 BPSK	1	1	19.73	19.94	19.84		
20	Pi/2 BPSK	1	53	19.76	19.94	19.87	21.0	0.0
20	Pi/2 BPSK	1	104	19.80	19.95	19.90		
20	Pi/2 BPSK	50	0	19.68	19.91	19.85	21.0	0.0
20	Pi/2 BPSK	50	28	19.68	19.96	19.90	21.0	0.0
20	Pi/2 BPSK	50	56	19.74	19.91	19.87		
20	Pi/2 BPSK	100	0	19.79	19.87	19.88	21.0	0.0
20	QPSK	1	1	19.81	20.00	19.92		
20	QPSK	1	53	19.76	19.97	19.81	21.0	0.0
20	QPSK	1	104	19.76	19.97	19.77		
20	QPSK	50	0	19.60	19.82	19.79	21.0	0.0
20	QPSK	50	28	19.75	19.93	19.85	21.0	0.0
20	QPSK	50	56	19.67	19.91	19.76	21.0	0.0
20	QPSK	100	0	19.73	19.88	19.78		
20	16QAM	1	1	19.67	19.87	19.80	21.0	0.0
20	64QAM	1	1	19.68	19.87	19.81	21.0	0.0
20	256QAM	1	1	19.68	19.83	19.69	20.5	0.5
Channel				164300	166300	168300	Tune-up limit	MPR
Frequency (MHz)				821.5	831.5	841.5	(dBm)	(dB)
15	QPSK	1	1	19.66	19.95	19.90	21.0	0.0
Channel				163800	166300	168800	Tune-up limit	MPR
Frequency (MHz)				819	831.5	844	(dBm)	(dB)
10	QPSK	1	1	19.72	19.87	19.82	21.0	0.0
Channel				163300	166300	169300	Tune-up limit	MPR
Frequency (MHz)				816.5	831.5	846.5	(dBm)	(dB)
5	QPSK	1	1	19.76	19.87	19.83	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	Pi/2 BPSK	1	1	19.94	19.95	19.85		
20	Pi/2 BPSK	1	53	19.87	19.93	19.89	21.5	0.0
20	Pi/2 BPSK	1	104	19.90	19.91	19.96		
20	Pi/2 BPSK	50	0	19.95	19.87	19.94	21.5	0.0
20	Pi/2 BPSK	50	28	19.87	19.94	19.93	21.5	0.0
20	Pi/2 BPSK	50	56	19.96	19.94	19.88		
20	Pi/2 BPSK	100	0	19.88	19.99	19.91	21.5	0.0
20	QPSK	1	1	19.99	20.01	19.97		
20	QPSK	1	53	19.94	19.90	19.94	21.5	0.0
20	QPSK	1	104	19.86	19.98	19.95		
20	QPSK	50	0	19.83	19.84	19.88	21.5	0.0
20	QPSK	50	28	19.97	19.99	19.89	21.5	0.0
20	QPSK	50	56	19.94	19.90	19.85	21.5	0.0
20	QPSK	100	0	19.90	19.91	19.83		
20	16QAM	1	1	19.93	19.90	19.89	21.5	0.0
20	64QAM	1	1	19.87	19.98	19.88	21.5	0.0
20	256QAM	1	1	18.83	18.93	18.88	20.0	1.5
Channel				164300	166300	168300	Tune-up limit	MPR
Frequency (MHz)				821.5	831.5	841.5	(dBm)	(dB)
15	QPSK	1	1	19.98	19.86	19.86	21.5	0.0
Channel				163800	166300	168800	Tune-up limit	MPR
Frequency (MHz)				819	831.5	844	(dBm)	(dB)
10	QPSK	1	1	19.90	19.89	19.92	21.5	0.0
Channel				163300	166300	169300	Tune-up limit	MPR
Frequency (MHz)				816.5	831.5	846.5	(dBm)	(dB)
5	QPSK	1	1	19.94	19.92	19.87	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				349000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.24	19.30	19.37		
40	PI/2 BPSK	1	108	19.27	19.34	19.38	21.0	0.0
40	PI/2 BPSK	1	214	19.36	19.33	19.32		
40	PI/2 BPSK	108	0	19.26	19.38	19.25	21.0	0.0
40	PI/2 BPSK	108	54	19.26	19.38	19.32	21.0	0.0
40	PI/2 BPSK	108	108	19.30	19.33	19.29		
40	PI/2 BPSK	216	0	19.25	19.39	19.37	21.0	0.0
40	QPSK	1	1	19.37	19.44	19.40		
40	QPSK	1	108	19.25	19.39	19.38		
40	QPSK	1	214	19.24	19.40	19.30		
40	QPSK	108	0	19.24	19.39	19.25	21.0	0.0
40	QPSK	108	54	19.34	19.43	19.36	21.0	0.0
40	QPSK	108	108	19.24	19.29	19.25	21.0	0.0
40	QPSK	216	0	19.27	19.40	19.33		
40	16QAM	1	1	19.25	19.30	19.38	21.0	0.0
40	64QAM	1	1	19.31	19.36	19.34	21.0	0.0
40	256QAM	1	1	19.30	19.42	19.34	20.5	0.5
Channel				349000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	19.24	19.40	19.26	21.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	19.29	19.35	19.34	21.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	19.29	19.40	19.39	21.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	19.24	19.29	19.28	21.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	19.27	19.37	19.29	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				348000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.29	20.29	20.20		
40	PI/2 BPSK	1	108	20.17	20.31	20.23	21.5	0.0
40	PI/2 BPSK	1	214	20.29	20.36	20.20		
40	PI/2 BPSK	108	0	20.27	20.30	20.24	21.5	0.0
40	PI/2 BPSK	108	54	20.15	20.29	20.14	21.5	0.0
40	PI/2 BPSK	108	108	20.29	20.36	20.17		
40	PI/2 BPSK	216	0	20.24	20.25	20.21	21.5	0.0
40	QPSK	1	1	20.30	20.37	20.28		
40	QPSK	1	108	20.22	20.24	20.27	21.5	0.0
40	QPSK	1	214	20.23	20.23	20.22		
40	QPSK	108	0	20.25	20.22	20.19	21.5	0.0
40	QPSK	108	54	20.27	20.35	20.21	21.5	0.0
40	QPSK	108	108	20.12	20.30	20.13	21.5	0.0
40	QPSK	216	0	20.23	20.27	20.20		
40	16QAM	1	1	20.26	20.25	20.17	21.5	0.0
40	64QAM	1	1	20.27	20.34	20.14	21.5	0.0
40	256QAM	1	1	19.62	19.76	19.64	20.5	1.0
Channel				349000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	20.18	20.23	20.16	21.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	20.25	20.24	20.16	21.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	20.27	20.29	20.21	21.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	20.19	20.33	20.13	21.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	20.27	20.23	20.13	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				349000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.68	20.77	20.80		
40	PI/2 BPSK	1	108	20.76	20.84	20.79	22.5	0.0
40	PI/2 BPSK	1	214	20.75	20.89	20.78		
40	PI/2 BPSK	108	0	20.80	20.81	20.66	22.5	0.0
40	PI/2 BPSK	108	54	20.81	20.82	20.77	22.5	0.0
40	PI/2 BPSK	108	108	20.76	20.87	20.67		
40	PI/2 BPSK	216	0	20.82	20.82	20.80	22.5	0.0
40	QPSK	1	1	20.83	20.90	20.81		
40	QPSK	1	108	20.71	20.77	20.74		
40	QPSK	1	214	20.69	20.87	20.74		
40	QPSK	108	0	20.74	20.81	20.64	22.5	0.0
40	QPSK	108	54	20.79	20.82	20.77	22.5	0.0
40	QPSK	108	108	20.66	20.69	20.66	22.5	0.0
40	QPSK	216	0	20.66	20.72	20.59		
40	16QAM	1	1	20.52	20.62	20.52	22.5	0.0
40	64QAM	1	1	19.07	19.20	19.13	21.0	1.5
40	256QAM	1	1	17.75	17.79	17.78	19.0	3.5
Channel				349000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	20.68	20.78	20.77	22.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	20.69	20.83	20.70	22.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	20.78	20.78	20.72	22.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	20.72	20.80	20.77	22.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	20.82	20.75	20.75	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	Pi/2 BPSK	1	1	18.32	18.43	18.27		
40	Pi/2 BPSK	1	53	18.38	18.49	18.41	20.0	0.0
40	Pi/2 BPSK	1	104	18.46	18.46	18.37		
40	Pi/2 BPSK	50	0	18.40	18.50	18.31	20.0	0.0
40	Pi/2 BPSK	50	28	18.32	18.43	18.29	20.0	0.0
40	Pi/2 BPSK	50	56	18.43	18.43	18.27	20.0	0.0
40	Pi/2 BPSK	100	0	18.38	18.41	18.33		
40	QPSK	1	1	18.47	18.51	18.42		
40	QPSK	1	53	18.37	18.50	18.41	20.0	0.0
40	QPSK	1	104	18.32	18.50	18.37		
40	QPSK	50	0	18.38	18.39	18.35	20.0	0.0
40	QPSK	50	28	18.43	18.46	18.41	20.0	0.0
40	QPSK	50	56	18.40	18.39	18.36	20.0	0.0
40	QPSK	100	0	18.35	18.43	18.36		
40	16QAM	1	1	18.33	18.37	18.38	20.0	0.0
40	64QAM	1	1	18.37	18.45	18.41	20.0	0.0
40	256QAM	1	1	18.38	18.45	18.40	20.0	0.0
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	18.33	18.42	18.39	20.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	18.39	18.50	18.27	20.0	0.0
Channel				515502	519000	522498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	18.44	18.42	18.29	20.0	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	18.46	18.41	18.38	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	Pi/2 BPSK	1	1	20.73	20.86	20.78		
40	Pi/2 BPSK	1	53	20.64	20.76	20.82	22.0	0.0
40	Pi/2 BPSK	1	104	20.68	20.84	20.68		
40	Pi/2 BPSK	50	0	20.68	20.77	20.80	22.0	0.0
40	Pi/2 BPSK	50	28	20.59	20.80	20.71	22.0	0.0
40	Pi/2 BPSK	50	56	20.61	20.83	20.82	22.0	0.0
40	Pi/2 BPSK	100	0	20.64	20.86	20.69		
40	QPSK	1	1	20.74	20.88	20.83		
40	QPSK	1	53	20.66	20.74	20.76	22.0	0.0
40	QPSK	1	104	20.69	20.80	20.69		
40	QPSK	50	0	20.67	20.76	20.62	22.0	0.0
40	QPSK	50	28	20.71	20.82	20.75	22.0	0.0
40	QPSK	50	56	20.59	20.72	20.74	22.0	0.0
40	QPSK	100	0	20.67	20.80	20.71		
40	16QAM	1	1	20.64	20.81	20.78	22.0	0.0
40	64QAM	1	1	20.61	20.87	20.78	22.0	0.0
40	256QAM	1	1	19.64	19.71	19.58	20.5	1.5
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	20.71	20.82	20.74	22.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	20.73	20.75	20.78	22.0	0.0
Channel				515502	519000	522498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	20.68	20.86	20.82	22.0	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	20.65	20.84	20.81	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	Pi/2 BPSK	1	1	20.67	20.68	20.58		
40	Pi/2 BPSK	1	53	20.44	20.56	20.52	22.0	0.0
40	Pi/2 BPSK	1	104	20.45	20.50	20.49		
40	Pi/2 BPSK	50	0	20.03	20.04	19.95	21.5	0.5
40	Pi/2 BPSK	50	28	20.39	20.49	20.40	22.0	0.0
40	Pi/2 BPSK	50	56	19.84	19.92	19.78		
40	Pi/2 BPSK	100	0	19.89	19.97	19.89	21.5	0.5
40	QPSK	1	1	20.69	20.69	20.59		
40	QPSK	1	53	20.35	20.41	20.30	22.0	0.0
40	QPSK	1	104	20.32	20.46	20.32		
40	QPSK	50	0	19.40	19.50	19.49	21.0	1.0
40	QPSK	50	28	20.37	20.45	20.38	22.0	0.0
40	QPSK	50	56	19.34	19.38	19.36		
40	QPSK	100	0	19.35	19.45	19.36	21.0	1.0
40	16QAM	1	1	19.23	19.38	19.24	21.0	1.0
40	64QAM	1	1	17.92	17.94	17.80	19.5	2.5
40	256QAM	1	1	16.47	16.48	16.38	17.5	4.5
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	20.47	20.53	20.54	22.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	20.57	20.48	20.48	22.0	0.0
Channel				515502	519000	522498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	20.55	20.53	20.45	22.0	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	20.51	20.46	20.53	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.58	18.67	18.55		
100	PI/2 BPSK	1	137	18.62	18.70	18.67	20.2	0.0
100	PI/2 BPSK	1	271	18.57	18.73	18.60		
100	PI/2 BPSK	135	0	18.55	18.73	18.59	20.2	0.0
100	PI/2 BPSK	135	69	18.62	18.73	18.56	20.2	0.0
100	PI/2 BPSK	135	138	18.60	18.67	18.61	20.2	0.0
100	PI/2 BPSK	270	0	18.57	18.67	18.63		
100	QPSK	1	1	18.70	18.77	18.69		
100	QPSK	1	137	18.58	18.73	18.68	20.2	0.0
100	QPSK	1	271	18.59	18.69	18.65		
100	QPSK	135	0	18.61	18.72	18.51	20.2	0.0
100	QPSK	135	69	18.67	18.76	18.65	20.2	0.0
100	QPSK	135	138	18.52	18.63	18.60	20.2	0.0
100	QPSK	270	0	18.64	18.70	18.61		
100	16QAM	1	1	18.56	18.75	18.55	20.2	0.0
100	64QAM	1	1	18.59	18.64	18.55	20.2	0.0
100	256QAM	1	1	18.65	18.67	18.68	20.2	0.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	18.59	18.71	18.55	20.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	18.64	18.63	18.55	20.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	18.58	18.62	18.59	20.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	18.59	18.65	18.63	20.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	18.60	18.68	18.61	20.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	18.55	18.62	18.58	20.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	18.57	18.63	18.60	20.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	18.59	18.75	18.68	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.58	18.67	18.55		
100	PI/2 BPSK	1	137	18.62	18.70	18.67	20.2	0.0
100	PI/2 BPSK	1	271	18.57	18.73	18.60		
100	PI/2 BPSK	135	0	18.55	18.73	18.59	20.2	0.0
100	PI/2 BPSK	135	69	18.62	18.73	18.56	20.2	0.0
100	PI/2 BPSK	135	138	18.60	18.67	18.61	20.2	0.0
100	PI/2 BPSK	270	0	18.57	18.67	18.63		
100	QPSK	1	1	18.70	18.77	18.69		
100	QPSK	1	137	18.58	18.73	18.68	20.2	0.0
100	QPSK	1	271	18.59	18.69	18.65		
100	QPSK	135	0	18.61	18.72	18.51	20.2	0.0
100	QPSK	135	69	18.67	18.76	18.65	20.2	0.0
100	QPSK	135	138	18.52	18.63	18.60	20.2	0.0
100	QPSK	270	0	18.64	18.70	18.61		
100	16QAM	1	1	18.56	18.75	18.55	20.2	0.0
100	64QAM	1	1	18.59	18.64	18.55	20.2	0.0
100	256QAM	1	1	18.65	18.67	18.68	20.2	0.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	18.59	18.71	18.55	20.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	18.64	18.63	18.55	20.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	18.58	18.62	18.59	20.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	18.59	18.65	18.63	20.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	18.60	18.68	18.61	20.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	18.55	18.62	18.58	20.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	18.57	18.63	18.60	20.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	18.59	18.75	18.68	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.58	20.73	20.60		
100	PI/2 BPSK	1	137	20.62	20.76	20.66	21.7	0.0
100	PI/2 BPSK	1	271	20.64	20.79	20.61		
100	PI/2 BPSK	135	0	20.65	20.77	20.60	21.7	0.0
100	PI/2 BPSK	135	69	20.64	20.73	20.60	21.7	0.0
100	PI/2 BPSK	135	138	20.67	20.69	20.71	21.7	0.0
100	PI/2 BPSK	270	0	20.58	20.79	20.61		
100	QPSK	1	1	20.68	20.83	20.73		
100	QPSK	1	137	20.53	20.82	20.69	21.7	0.0
100	QPSK	1	271	20.55	20.74	20.72		
100	QPSK	135	0	20.61	20.73	20.68	21.7	0.0
100	QPSK	135	69	20.65	20.81	20.72	21.7	0.0
100	QPSK	135	138	20.53	20.66	20.71	21.7	0.0
100	QPSK	270	0	20.60	20.79	20.71		
100	16QAM	1	1	20.53	20.76	20.71	21.7	0.0
100	64QAM	1	1	20.53	20.74	20.66	21.7	0.0
100	256QAM	1	1	20.55	20.75	20.69	21.7	0.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	20.58	20.77	20.70	21.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	20.61	20.79	20.67	21.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	20.67	20.77	20.59	21.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	20.67	20.74	20.70	21.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	20.58	20.71	20.67	21.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	20.55	20.69	20.64	21.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	20.60	20.72	20.67	21.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	20.57	20.71	20.69	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.58	20.73	20.60		
100	PI/2 BPSK	1	137	20.62	20.76	20.66	21.7	0.0
100	PI/2 BPSK	1	271	20.64	20.79	20.61		
100	PI/2 BPSK	135	0	20.65	20.77	20.60	21.7	0.0
100	PI/2 BPSK	135	69	20.64	20.73	20.60	21.7	0.0
100	PI/2 BPSK	135	138	20.67	20.69	20.71	21.7	0.0
100	PI/2 BPSK	270	0	20.58	20.79	20.61		
100	QPSK	1	1	20.68	20.83	20.73		
100	QPSK	1	137	20.53	20.82	20.69	21.7	0.0
100	QPSK	1	271	20.55	20.74	20.72		
100	QPSK	135	0	20.61	20.73	20.68	21.7	0.0
100	QPSK	135	69	20.65	20.81	20.72	21.7	0.0
100	QPSK	135	138	20.53	20.66	20.71	21.7	0.0
100	QPSK	270	0	20.60	20.79	20.71		
100	16QAM	1	1	20.53	20.76	20.71	21.7	0.0
100	64QAM	1	1	20.53	20.74	20.66	21.7	0.0
100	256QAM	1	1	20.55	20.75	20.69	21.7	0.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	20.58	20.77	20.70	21.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	20.61	20.79	20.67	21.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	20.67	20.77	20.59	21.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	20.67	20.74	20.70	21.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	20.58	20.71	20.67	21.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	20.55	20.69	20.64	21.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	20.60	20.72	20.67	21.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	20.57	20.71	20.69	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2548.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.15	20.09	19.94		
100	PI/2 BPSK	1	137	20.33	20.10	20.18	21.2	0.0
100	PI/2 BPSK	1	271	20.31	20.14	20.12		
100	PI/2 BPSK	135	0	20.30	20.13	20.07	21.2	0.0
100	PI/2 BPSK	135	69	20.06	19.82	19.74	21.2	0.0
100	PI/2 BPSK	135	138	20.29	20.15	20.16	21.2	0.0
100	PI/2 BPSK	270	0	20.27	20.22	20.05		
100	QPSK	1	1	20.30	20.39	20.16		
100	QPSK	1	137	20.28	20.10	20.15	21.2	0.0
100	QPSK	1	271	20.29	20.19	20.09		
100	QPSK	135	0	20.26	20.18	20.07	21.2	0.0
100	QPSK	135	69	20.31	20.35	20.16	21.2	0.0
100	QPSK	135	138	20.21	20.18	20.15	21.2	0.0
100	QPSK	270	0	20.23	20.25	20.11		
100	16QAM	1	1	20.20	20.10	20.20	21.2	0.0
100	64QAM	1	1	20.21	20.23	20.01	21.2	0.0
100	256QAM	1	1	18.92	18.83	18.76	19.7	1.5
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	20.23	20.24	20.02	21.2	0.0
Channel				507204	518598	529992	Tune-up limit	MPR
Frequency (MHz)				2534.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	20.28	20.32	20.12	21.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	20.16	20.28	20.02	21.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2528	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	20.17	20.33	20.09	21.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	20.28	20.37	20.03	21.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	20.29	20.32	20.12	21.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	20.18	20.24	20.13	21.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	20.23	20.34	20.03	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2548.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.62	20.78	20.74		
100	PI/2 BPSK	1	137	20.62	20.82	20.75	21.7	0.0
100	PI/2 BPSK	1	271	20.72	20.75	20.73		
100	PI/2 BPSK	135	0	20.63	20.78	20.81	21.7	0.0
100	PI/2 BPSK	135	69	20.67	20.79	20.70	21.7	0.0
100	PI/2 BPSK	135	138	20.67	20.73	20.72	21.7	0.0
100	PI/2 BPSK	270	0	20.70	20.72	20.75		
100	QPSK	1	1	20.77	20.86	20.83		
100	QPSK	1	137	20.71	20.83	20.78	21.7	0.0
100	QPSK	1	271	20.70	20.73	20.78		
100	QPSK	135	0	20.62	20.77	20.76	21.7	0.0
100	QPSK	135	69	20.70	20.81	20.80	21.7	0.0
100	QPSK	135	138	20.57	20.78	20.69	21.7	0.0
100	QPSK	270	0	20.68	20.80	20.75		
100	16QAM	1	1	20.64	20.82	20.77	21.7	0.0
100	64QAM	1	1	20.31	20.25	20.19	21.7	0.0
100	256QAM	1	1	18.92	18.83	18.76	19.7	2.0
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	20.63	20.73	20.75	21.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2538.02	2592.99	2647.99	(dBm)	(dB)
80	QPSK	1	1	20.67	20.77	20.76	21.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	20.67	20.82	20.82	21.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2528	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	20.70	20.74	20.81	21.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	20.63	20.77	20.78	21.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	20.74	20.71	20.71	21.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	20.69	20.80	20.71	21.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	20.65	20.75	20.79	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.75			
100	PI/2 BPSK	1	137		15.75		17.2	0.0
100	PI/2 BPSK	1	271		15.80			
100	PI/2 BPSK	135	0		15.80		17.2	0.0
100	PI/2 BPSK	135	69		15.71		17.2	0.0
100	PI/2 BPSK	135	138		15.71		17.2	0.0
100	PI/2 BPSK	270	0		15.69			
100	QPSK	1	1		15.82			
100	QPSK	1	137		15.79		17.2	0.0
100	QPSK	1	271		15.69			
100	QPSK	135	0		15.64		17.2	0.0
100	QPSK	135	69		15.75		17.2	0.0
100	QPSK	135	138		15.64		17.2	0.0
100	QPSK	270	0		15.72			
100	16QAM	1	1		15.75		17.2	0.0
100	64QAM	1	1		15.80		17.2	0.0
100	256QAM	1	1		15.75		17.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	15.80	15.74	15.68	17.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.76	15.74	15.67	17.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.81	15.72	15.69	17.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.75	15.67	15.73	17.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	15.77	15.76	15.79	17.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.67	15.77	15.79	17.2	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.67	15.78	15.78	17.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.71	15.67	15.78	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.57	15.61	15.25		
100	PI/2 BPSK	1	137	15.58	15.67	15.32	17.2	0.0
100	PI/2 BPSK	1	271	15.64	15.62	15.25		
100	PI/2 BPSK	135	0	15.65	15.62	15.33	17.2	0.0
100	PI/2 BPSK	135	69	15.61	15.63	15.28	17.2	0.0
100	PI/2 BPSK	135	138	15.66	15.70	15.21	17.2	0.0
100	PI/2 BPSK	270	0	15.61	15.63	15.21		
100	QPSK	1	1	15.67	15.71	15.36		
100	QPSK	1	137	15.57	15.59	15.30	17.2	0.0
100	QPSK	1	271	15.65	15.67	15.21		
100	QPSK	135	0	15.47	15.50	15.21	17.2	0.0
100	QPSK	135	69	15.59	15.65	15.33	17.2	0.0
100	QPSK	135	138	15.55	15.64	15.27	17.2	0.0
100	QPSK	270	0	15.55	15.58	15.29		
100	16QAM	1	1	15.55	15.64	15.28	17.2	0.0
100	64QAM	1	1	15.61	15.68	15.34	17.2	0.0
100	256QAM	1	1	15.54	15.62	15.24	17.2	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	15.54	15.66	15.23	17.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	15.57	15.69	15.29	17.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	15.57	15.60	15.23	17.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	15.54	15.65	15.21	17.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	15.61	15.61	15.30	17.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	15.65	15.66	15.35	17.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	15.57	15.59	15.35	17.2	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	15.60	15.62	15.31	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.90			
100	PI/2 BPSK	1	137		16.93		18.7	0.0
100	PI/2 BPSK	1	271		16.98			
100	PI/2 BPSK	135	0		16.97		18.7	0.0
100	PI/2 BPSK	135	69		16.88		18.7	0.0
100	PI/2 BPSK	135	138		16.97		18.7	0.0
100	PI/2 BPSK	270	0		16.98			
100	QPSK	1	1		17.02			
100	QPSK	1	137		16.92		18.7	0.0
100	QPSK	1	271		16.97			
100	QPSK	135	0		16.91		18.7	0.0
100	QPSK	135	69		16.97		18.7	0.0
100	QPSK	135	138		16.93		18.7	0.0
100	QPSK	270	0		16.93			
100	16QAM	1	1		16.96		18.7	0.0
100	64QAM	1	1		16.99		18.7	0.0
100	256QAM	1	1		17.00		18.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.87	17.00	16.94	18.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3492.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	16.94	16.92	16.92	18.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	16.96	16.91	16.94	18.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	16.87	16.95	16.89	18.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.89	16.97	16.97	18.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.95	16.88	16.88	18.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.93	17.00	17.01	18.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.89	17.01	16.93	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.02	17.20	17.03		
100	PI/2 BPSK	1	137	17.01	17.30	17.03	18.7	0.0
100	PI/2 BPSK	1	271	17.08	17.23	17.08		
100	PI/2 BPSK	135	0	17.02	17.24	17.01	18.7	0.0
100	PI/2 BPSK	135	69	17.10	17.29	17.06	18.7	0.0
100	PI/2 BPSK	135	134	17.04	17.29	17.12	18.7	0.0
100	PI/2 BPSK	270	0	17.05	17.16	17.01		
100	QPSK	1	1	17.15	17.31	17.16		
100	QPSK	1	137	17.05	17.17	17.09	18.7	0.0
100	QPSK	1	271	17.00	17.19	17.02		
100	QPSK	135	0	17.07	17.14	17.14	18.7	0.0
100	QPSK	135	69	17.10	17.23	17.15	18.7	0.0
100	QPSK	135	138	17.06	17.10	17.06	18.7	0.0
100	QPSK	270	0	17.04	17.19	17.14		
100	16QAM	1	1	17.08	17.30	17.06	18.7	0.0
100	64QAM	1	1	17.01	17.16	17.14	18.7	0.0
100	256QAM	1	1	17.03	17.20	17.09	18.7	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	17.05	17.30	17.02	18.7	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	17.03	17.18	17.01	18.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3730	3840	3945	(dBm)	(dB)
70	QPSK	1	1	17.13	17.30	17.04	18.7	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	17.11	17.16	17.06	18.7	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	17.12	17.30	17.09	18.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	17.00	17.19	17.06	18.7	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	17.04	17.16	17.01	18.7	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	17.06	17.17	17.15	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.03			
100	PI/2 BPSK	1	137		15.02		15.7	0.0
100	PI/2 BPSK	1	271		14.95			
100	PI/2 BPSK	135	0		14.98		15.7	0.0
100	PI/2 BPSK	135	69		14.97		15.7	0.0
100	PI/2 BPSK	135	138		14.91		15.7	0.0
100	PI/2 BPSK	270	0		15.01			
100	QPSK	1	1		15.06			
100	QPSK	1	137		14.92		15.7	0.0
100	QPSK	1	271		15.04			
100	QPSK	135	0		14.89		15.7	0.0
100	QPSK	135	69		15.00		15.7	0.0
100	QPSK	135	138		14.90		15.7	0.0
100	QPSK	270	0		14.96			
100	16QAM	1	1		14.96		15.7	0.0
100	64QAM	1	1		15.05		15.7	0.0
100	256QAM	1	1		14.92		15.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	15.01	15.00	15.01	15.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3492.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	14.91	14.97	14.98	15.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	14.97	14.96	14.96	15.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	14.93	15.03	14.94	15.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	15.05	14.98	14.92	15.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.00	15.03	14.97	15.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	14.95	14.99	14.95	15.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	14.96	14.91	15.01	15.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.37	15.41	14.77		
100	PI/2 BPSK	1	137	15.40	15.39	14.80	15.7	0.0
100	PI/2 BPSK	1	271	15.35	15.28	14.73		
100	PI/2 BPSK	135	0	15.31	15.31	14.84	15.7	0.0
100	PI/2 BPSK	135	69	15.33	15.35	14.80	15.7	0.0
100	PI/2 BPSK	135	138	15.35	15.31	14.85	15.7	0.0
100	PI/2 BPSK	270	0	15.30	15.39	14.72		
100	QPSK	1	1	15.41	15.42	14.87		
100	QPSK	1	137	15.31	15.28	14.77	15.7	0.0
100	QPSK	1	271	15.26	15.31	14.86		
100	QPSK	135	0	15.24	15.27	14.71	15.7	0.0
100	QPSK	135	69	15.33	15.37	14.84	15.7	0.0
100	QPSK	135	138	15.29	15.31	14.80	15.7	0.0
100	QPSK	270	0	15.25	15.35	14.79		
100	16QAM	1	1	15.36	15.32	14.76	15.7	0.0
100	64QAM	1	1	15.39	15.31	14.76	15.7	0.0
100	256QAM	1	1	15.32	15.35	14.81	15.7	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	15.28	15.38	14.78	15.7	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	15.30	15.40	14.86	15.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3730	3840	3945	(dBm)	(dB)
70	QPSK	1	1	15.35	15.41	14.86	15.7	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	15.37	15.40	14.77	15.7	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	15.26	15.36	14.83	15.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	15.32	15.39	14.81	15.7	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	15.38	15.27	14.84	15.7	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	15.27	15.34	14.79	15.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		16.36			
100	PI/2 BPSK	1	137		16.29		17.2	0.0
100	PI/2 BPSK	1	271		16.33			
100	PI/2 BPSK	135	0		16.34		17.2	0.0
100	PI/2 BPSK	135	69		16.38		17.2	0.0
100	PI/2 BPSK	135	138		16.29		17.2	0.0
100	PI/2 BPSK	270	0		16.34			
100	QPSK	1	1		16.39			
100	QPSK	1	137		16.30		17.2	0.0
100	QPSK	1	271		16.38			
100	QPSK	135	0		16.27		17.2	0.0
100	QPSK	135	69		16.36		17.2	0.0
100	QPSK	135	138		16.25		17.2	0.0
100	QPSK	270	0		16.30			
100	16QAM	1	1		16.27		17.2	0.0
100	64QAM	1	1		16.32		17.2	0.0
100	256QAM	1	1		16.38		17.2	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.26	16.29	16.25	17.2	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	16.31	16.24	16.25	17.2	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	16.25	16.38	16.28	17.2	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	16.31	16.35	16.37	17.2	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.28	16.34	16.29	17.2	0.0
	Channel			631334	633332	633332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.37	16.35	16.36	17.2	0.0
	Channel			631000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.31	16.38	16.34	17.2	0.0
	Channel			630668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.29	16.35	16.33	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	656000	662000		
	Frequency (MHz)			3750	3940	3930		
100	PI/2 BPSK	1	1	15.91	15.89	15.42		
100	PI/2 BPSK	1	137	15.91	15.89	15.43	17.2	0.0
100	PI/2 BPSK	1	271	15.84	15.87	15.44		
100	PI/2 BPSK	135	0	15.92	15.99	15.42	17.2	0.0
100	PI/2 BPSK	135	69	15.87	15.92	15.42	17.2	0.0
100	PI/2 BPSK	135	134	15.88	15.96	15.44	17.2	0.0
100	PI/2 BPSK	270	0	15.96	16.01	15.37		
100	QPSK	1	1	15.37	16.02	15.49		
100	QPSK	1	137	15.93	16.01	15.47	17.2	0.0
100	QPSK	1	271	15.93	15.95	15.48		
100	QPSK	135	0	15.80	15.97	15.44	17.2	0.0
100	QPSK	135	69	15.91	15.99	15.47	17.2	0.0
100	QPSK	135	138	15.76	15.86	15.41	17.2	0.0
100	QPSK	270	0	15.87	15.96	15.43		
100	16QAM	1	1	15.93	16.00	15.47	17.2	0.0
100	64QAM	1	1	15.87	15.89	15.38	17.2	0.0
100	256QAM	1	1	15.85	15.90	15.38	17.2	0.0
	Channel			649668	656000	662332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3940	3934.98	(dBm)	(dB)
90	QPSK	1	1	15.85	15.96	15.45	17.2	0.0
	Channel			649334	656000	662666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3940	3939.99	(dBm)	(dB)
80	QPSK	1	1	15.84	15.94	15.34	17.2	0.0
	Channel			649000	656000	663000	Tune-up limit	MPR
	Frequency (MHz)			3735	3940	3945	(dBm)	(dB)
70	QPSK	1	1	15.85	15.88	15.48	17.2	0.0
	Channel			648668	656000	663332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3940	3949.98	(dBm)	(dB)
60	QPSK	1	1	15.88	16.01	15.47	17.2	0.0
	Channel			648334	656000	663666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3940	3954.99	(dBm)	(dB)
50	QPSK	1	1	15.82	16.00	15.34	17.2	0.0
	Channel			648000	656000	664000	Tune-up limit	MPR
	Frequency (MHz)			3720	3940	3960	(dBm)	(dB)
40	QPSK	1	1	15.83	16.00	15.38	17.2	0.0
	Channel			647668	656000	664332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3940	3964.98	(dBm)	(dB)
30	QPSK	1	1	15.89	15.93	15.48	17.2	0.0
	Channel			647334	656000	664668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3940	3969.99	(dBm)	(dB)
20	QPSK	1	1	15.89	15.96	15.43	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		15.49			
100	PI/2 BPSK	1	137		15.60		17.2	0.0
100	PI/2 BPSK	1	271		15.52			
100	PI/2 BPSK	135	0		15.63		17.2	0.0
100	PI/2 BPSK	135	69		15.54		17.2	0.0
100	PI/2 BPSK	135	138		15.56		17.2	0.0
100	PI/2 BPSK	270	0		15.60			
100	QPSK	1	1		15.64			
100	QPSK	1	137		15.56		17.2	0.0
100	QPSK	1	271		15.52			
100	QPSK	135	0		15.43		17.2	0.0
100	QPSK	135	69		15.58		17.2	0.0
100	QPSK	135	138		15.45		17.2	0.0
100	QPSK	270	0		15.51			
100	16QAM	1	1		15.51		17.2	0.0
100	64QAM	1	1		15.57		17.2	0.0
100	256QAM	1	1		15.63		17.2	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	15.61	15.54	15.49	17.2	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.63	15.59	15.62	17.2	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.49	15.60	15.58	17.2	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.52	15.52	15.58	17.2	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	15.50	15.50	15.54	17.2	0.0
	Channel			631334	633332	633332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.58	15.53	15.59	17.2	0.0
	Channel			631000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.61	15.52	15.62	17.2	0.0
	Channel			630668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.59	15.62	15.59	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		15.49			
100	PI/2 BPSK	1	137		15.60		17.2	0.0
100	PI/2 BPSK	1	271		15.52			
100	PI/2 BPSK	135	0		15.63		17.2	0.0
100	PI/2 BPSK	135	69		15.54		17.2	0.0
100	PI/2 BPSK	135	138		15.56		17.2	0.0
100	PI/2 BPSK	270	0		15.60			
100	QPSK	1	1		15.64			
100	QPSK	1	137		15.56		17.2	0.0
100	QPSK	1	271		15.52			
100	QPSK	135	0		15.43		17.2	0.0
100	QPSK	135	69		15.58		17.2	0.0
100	QPSK	135	138		15.45		17.2	0.0
100	QPSK	270	0		15.51			
100	16QAM	1	1		15.51		17.2	0.0
100	64QAM	1	1		15.57		17.2	0.0
100	256QAM	1	1		15.63		17.2	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	15.61	15.54	15.49	17.2	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.63	15.59	15.82	17.2	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.49	15.60	15.58	17.2	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.52	15.52	15.58	17.2	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	15.50	15.50	15.54	17.2	0.0
	Channel			631334	633332	633332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.58	15.53	15.59	17.2	0.0
	Channel			631000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.61	15.52	15.62	17.2	0.0
	Channel			630668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.59	15.62	15.49	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.49			
100	PI/2 BPSK	1	137		15.58		17.2	0.0
100	PI/2 BPSK	1	271		15.52			
100	PI/2 BPSK	135	0		15.60		17.2	0.0
100	PI/2 BPSK	135	69		15.57		17.2	0.0
100	PI/2 BPSK	135	138		15.62		17.2	0.0
100	PI/2 BPSK	270	0		15.62			
100	QPSK	1	1		15.63			
100	QPSK	1	137		15.53		17.2	0.0
100	QPSK	1	271		15.53			
100	QPSK	135	0		15.50		17.2	0.0
100	QPSK	135	69		15.59		17.2	0.0
100	QPSK	135	138		15.48		17.2	0.0
100	QPSK	270	0		15.57			
100	16QAM	1	1		15.48		17.2	0.0
100	64QAM	1	1		15.55		17.2	0.0
100	256QAM	1	1		15.50		17.2	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	15.56	15.58	15.53	17.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.99	(dBm)	(dB)
80	QPSK	1	1	15.62	15.59	15.61	17.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	15.59	15.55	15.58	17.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	15.49	15.60	15.55	17.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	15.56	15.49	15.62	17.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	15.51	15.55	15.58	17.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	15.59	15.55	15.48	17.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	15.49	15.61	15.61	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.49			
100	PI/2 BPSK	1	137		15.58		17.2	0.0
100	PI/2 BPSK	1	271		15.52			
100	PI/2 BPSK	135	0		15.60		17.2	0.0
100	PI/2 BPSK	135	69		15.57		17.2	0.0
100	PI/2 BPSK	135	134		15.62		17.2	0.0
100	PI/2 BPSK	270	0		15.62			
100	QPSK	1	1		15.63			
100	QPSK	1	137		15.53		17.2	0.0
100	QPSK	1	271		15.53			
100	QPSK	135	0		15.50		17.2	0.0
100	QPSK	135	69		15.59		17.2	0.0
100	QPSK	135	138		15.48		17.2	0.0
100	QPSK	270	0		15.57			
100	16QAM	1	1		15.48		17.2	0.0
100	64QAM	1	1		15.55		17.2	0.0
100	256QAM	1	1		15.50		17.2	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	15.56	15.56	15.53	17.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.99	(dBm)	(dB)
80	QPSK	1	1	15.62	15.59	15.61	17.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	15.59	15.55	15.58	17.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	15.49	15.60	15.55	17.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	15.56	15.49	15.62	17.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	15.51	15.55	15.58	17.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	15.59	15.55	15.48	17.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	15.49	15.61	15.61	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.96			
100	PI/2 BPSK	1	137		16.97		18.7	0.0
100	PI/2 BPSK	1	271		17.06			
100	PI/2 BPSK	135	0		17.04		18.7	0.0
100	PI/2 BPSK	135	69		17.03		18.7	0.0
100	PI/2 BPSK	135	138		16.93		18.7	0.0
100	PI/2 BPSK	270	0		16.92			
100	QPSK	1	1		17.07			
100	QPSK	1	137		17.05		18.7	0.0
100	QPSK	1	271		17.04			
100	QPSK	135	0		16.89		18.7	0.0
100	QPSK	135	69		17.01		18.7	0.0
100	QPSK	135	138		17.02		18.7	0.0
100	QPSK	270	0		16.99			
100	16QAM	1	1		17.03		18.7	0.0
100	64QAM	1	1		17.06		18.7	0.0
100	256QAM	1	1		16.93		18.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.97	17.04	17.06	18.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.04	17.00	16.96	18.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.01	17.06	17.04	18.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.02	17.03	16.95	18.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.99	16.93	17.00	18.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.98	16.99	17.02	18.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.99	16.95	16.99	18.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.99	17.04	17.02	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.96			
100	PI/2 BPSK	1	137		16.97		18.7	0.0
100	PI/2 BPSK	1	271		17.06			
100	PI/2 BPSK	135	0		17.04		18.7	0.0
100	PI/2 BPSK	135	69		17.03		18.7	0.0
100	PI/2 BPSK	135	138		16.93		18.7	0.0
100	PI/2 BPSK	270	0		16.92			
100	QPSK	1	1		17.07			
100	QPSK	1	137		17.05		18.7	0.0
100	QPSK	1	271		17.04			
100	QPSK	135	0		16.89		18.7	0.0
100	QPSK	135	69		17.03		18.7	0.0
100	QPSK	135	138		17.02		18.7	0.0
100	QPSK	270	0		16.99			
100	16QAM	1	1		17.03		18.7	0.0
100	64QAM	1	1		17.06		18.7	0.0
100	256QAM	1	1		16.93		18.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.97	17.04	17.06	18.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.04	17.00	16.96	18.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.01	17.06	17.04	18.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.02	17.03	16.95	18.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.99	16.93	17.00	18.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.98	16.99	17.02	18.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.99	16.95	16.99	18.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.99	17.04	17.02	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.01			
100	PI/2 BPSK	1	137		17.03		18.7	0.0
100	PI/2 BPSK	1	271		17.05			
100	PI/2 BPSK	135	0		17.10		18.7	0.0
100	PI/2 BPSK	135	69		17.06		18.7	0.0
100	PI/2 BPSK	135	138		17.07		18.7	0.0
100	PI/2 BPSK	270	0		17.08			
100	QPSK	1	1		17.14			
100	QPSK	1	137		17.13		18.7	0.0
100	QPSK	1	271		17.00			
100	QPSK	135	0		16.99		18.7	0.0
100	QPSK	135	69		17.13		18.7	0.0
100	QPSK	135	138		17.03		18.7	0.0
100	QPSK	270	0		17.07			
100	16QAM	1	1		17.02		18.7	0.0
100	64QAM	1	1		17.12		18.7	0.0
100	256QAM	1	1		17.08		18.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	17.02	17.04	16.99	18.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	17.09	17.12	17.06	18.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3730	3750	3760	(dBm)	(dB)
70	QPSK	1	1	17.12	16.99	17.06	18.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	17.05	17.01	17.11	18.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	17.00	17.07	17.00	18.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.04	17.10	17.00	18.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	17.08	17.12	17.09	18.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	17.06	17.00	17.07	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.01			
100	PI/2 BPSK	1	137		17.03		18.7	0.0
100	PI/2 BPSK	1	271		17.05			
100	PI/2 BPSK	135	0		17.10		18.7	0.0
100	PI/2 BPSK	135	69		17.06		18.7	0.0
100	PI/2 BPSK	135	134		17.07		18.7	0.0
100	PI/2 BPSK	270	0		17.08			
100	QPSK	1	1		17.14			
100	QPSK	1	137		17.13		18.7	0.0
100	QPSK	1	271		17.00			
100	QPSK	135	0		16.99		18.7	0.0
100	QPSK	135	69		17.13		18.7	0.0
100	QPSK	135	138		17.03		18.7	0.0
100	QPSK	270	0		17.07			
100	16QAM	1	1		17.02		18.7	0.0
100	64QAM	1	1		17.12		18.7	0.0
100	256QAM	1	1		17.08		18.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	17.02	17.04	16.99	18.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	17.09	17.12	17.06	18.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3730	3750	3760	(dBm)	(dB)
70	QPSK	1	1	17.12	16.99	17.06	18.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	17.05	17.01	17.11	18.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	17.00	17.07	17.00	18.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.04	17.10	17.00	18.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	17.08	17.12	17.09	18.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	17.06	17.00	17.07	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.96			
100	PI/2 BPSK	1	137		15.03		15.7	0.0
100	PI/2 BPSK	1	271		15.04			
100	PI/2 BPSK	135	0		14.90		15.7	0.0
100	PI/2 BPSK	135	69		14.90		15.7	0.0
100	PI/2 BPSK	135	138		14.93		15.7	0.0
100	PI/2 BPSK	270	0		15.03			
100	QPSK	1	1		15.05			
100	QPSK	1	137		15.04		15.7	0.0
100	QPSK	1	271		14.91			
100	QPSK	135	0		14.96		15.7	0.0
100	QPSK	135	69		15.00		15.7	0.0
100	QPSK	135	138		14.90		15.7	0.0
100	QPSK	270	0		14.93			
100	16QAM	1	1		15.02		15.7	0.0
100	64QAM	1	1		15.02		15.7	0.0
100	256QAM	1	1		15.04		15.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	15.04	14.95	15.00	15.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.04	14.98	14.94	15.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.02	14.92	15.02	15.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	14.93	15.03	14.97	15.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	14.96	14.97	14.99	15.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	14.98	14.96	15.03	15.7	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.04	14.95	14.94	15.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.02	14.92	14.98	15.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.96			
100	PI/2 BPSK	1	137		15.03		15.7	0.0
100	PI/2 BPSK	1	271		15.04			
100	PI/2 BPSK	135	0		14.90		15.7	0.0
100	PI/2 BPSK	135	69		14.90		15.7	0.0
100	PI/2 BPSK	135	138		14.93		15.7	0.0
100	PI/2 BPSK	270	0		15.03			
100	QPSK	1	1		15.05			
100	QPSK	1	137		15.04		15.7	0.0
100	QPSK	1	271		14.91			
100	QPSK	135	0		14.96		15.7	0.0
100	QPSK	135	69		15.00		15.7	0.0
100	QPSK	135	138		14.90		15.7	0.0
100	QPSK	270	0		14.93			
100	16QAM	1	1		15.02		15.7	0.0
100	64QAM	1	1		15.02		15.7	0.0
100	256QAM	1	1		15.04		15.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	15.04	14.95	15.00	15.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.04	14.98	14.94	15.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.02	14.92	15.02	15.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	14.93	15.03	14.97	15.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	14.96	14.97	14.99	15.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	14.98	14.96	15.03	15.7	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.04	14.95	14.94	15.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.02	14.92	14.98	15.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.29			
100	PI/2 BPSK	1	137		15.34		15.7	0.0
100	PI/2 BPSK	1	271		15.33			
100	PI/2 BPSK	135	0		15.23		15.7	0.0
100	PI/2 BPSK	135	69		15.34		15.7	0.0
100	PI/2 BPSK	135	138		15.33		15.7	0.0
100	PI/2 BPSK	270	0		15.22			
100	QPSK	1	1		15.37			
100	QPSK	1	137		15.34		15.7	0.0
100	QPSK	1	271		15.22			
100	QPSK	135	0		15.28		15.7	0.0
100	QPSK	135	69		15.35		15.7	0.0
100	QPSK	135	138		15.30		15.7	0.0
100	QPSK	270	0		15.31			
100	16QAM	1	1		15.25		15.7	0.0
100	64QAM	1	1		15.33		15.7	0.0
100	256QAM	1	1		15.33		15.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	15.29	15.30	15.34	15.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.99	(dBm)	(dB)
80	QPSK	1	1	15.26	15.31	15.32	15.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	15.25	15.23	15.26	15.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	15.34	15.25	15.29	15.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	15.25	15.28	15.24	15.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	15.34	15.35	15.31	15.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	15.24	15.23	15.26	15.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	15.22	15.23	15.32	15.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.29			
100	PI/2 BPSK	1	137		15.34		15.7	0.0
100	PI/2 BPSK	1	271		15.33			
100	PI/2 BPSK	135	0		15.23		15.7	0.0
100	PI/2 BPSK	135	69		15.34		15.7	0.0
100	PI/2 BPSK	135	134		15.33		15.7	0.0
100	PI/2 BPSK	270	0		15.22			
100	QPSK	1	1		15.37			
100	QPSK	1	137		15.34		15.7	0.0
100	QPSK	1	271		15.22			
100	QPSK	135	0		15.28		15.7	0.0
100	QPSK	135	69		15.35		15.7	0.0
100	QPSK	135	138		15.30		15.7	0.0
100	QPSK	270	0		15.31			
100	16QAM	1	1		15.25		15.7	0.0
100	64QAM	1	1		15.33		15.7	0.0
100	256QAM	1	1		15.33		15.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	15.29	15.30	15.34	15.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.99	(dBm)	(dB)
80	QPSK	1	1	15.26	15.31	15.32	15.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	15.25	15.23	15.26	15.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	15.34	15.25	15.29	15.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	15.25	15.28	15.24	15.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	15.34	15.35	15.31	15.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	15.24	15.23	15.26	15.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	15.22	15.23	15.32	15.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.42			
100	PI/2 BPSK	1	137		15.37		16.2	0.0
100	PI/2 BPSK	1	271		15.41			
100	PI/2 BPSK	135	0		15.28		16.2	0.0
100	PI/2 BPSK	135	69		15.32		16.2	0.0
100	PI/2 BPSK	135	138		15.40		16.2	0.0
100	PI/2 BPSK	270	0		15.30			
100	QPSK	1	1		15.43			
100	QPSK	1	137		15.42		16.2	0.0
100	QPSK	1	271		15.30			
100	QPSK	135	0		15.26		16.2	0.0
100	QPSK	135	69		15.37		16.2	0.0
100	QPSK	135	138		15.29		16.2	0.0
100	QPSK	270	0		15.32			
100	16QAM	1	1		15.30		16.2	0.0
100	64QAM	1	1		15.33		16.2	0.0
100	256QAM	1	1		15.30		16.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	15.35	15.37	15.38	16.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.28	15.32	15.34	16.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.40	15.35	15.32	16.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.38	15.40	15.39	16.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	15.39	15.30	15.41	16.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.31	15.39	15.31	16.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.39	15.32	15.31	16.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.33	15.32	15.29	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.42			
100	PI/2 BPSK	1	137		15.37		16.2	0.0
100	PI/2 BPSK	1	271		15.41			
100	PI/2 BPSK	135	0		15.28		16.2	0.0
100	PI/2 BPSK	135	69		15.32		16.2	0.0
100	PI/2 BPSK	135	138		15.40		16.2	0.0
100	PI/2 BPSK	270	0		15.30			
100	QPSK	1	1		15.43			
100	QPSK	1	137		15.42		16.2	0.0
100	QPSK	1	271		15.30			
100	QPSK	135	0		15.26		16.2	0.0
100	QPSK	135	69		15.37		16.2	0.0
100	QPSK	135	138		15.29		16.2	0.0
100	QPSK	270	0		15.32			
100	16QAM	1	1		15.30		16.2	0.0
100	64QAM	1	1		15.33		16.2	0.0
100	256QAM	1	1		15.30		16.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	15.35	15.37	15.38	16.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.28	15.32	15.34	16.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.40	15.35	15.32	16.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.38	15.40	15.39	16.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	15.39	15.30	15.41	16.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.31	15.39	15.31	16.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.39	15.32	15.31	16.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.33	15.32	15.29	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3710			
100	Pi/2 BPSK	1	1		14.99			
100	Pi/2 BPSK	1	137		15.03		16.2	0.0
100	Pi/2 BPSK	1	271		14.98			
100	Pi/2 BPSK	135	0		14.97		16.2	0.0
100	Pi/2 BPSK	135	69		14.96		16.2	0.0
100	Pi/2 BPSK	135	138		15.04		16.2	0.0
100	Pi/2 BPSK	270	0		14.97			
100	QPSK	1	1		15.11		16.2	0.0
100	QPSK	1	137		15.08			
100	QPSK	1	271		15.02			
100	QPSK	135	0		15.00		16.2	0.0
100	QPSK	135	69		15.08		16.2	0.0
100	QPSK	135	138		14.94		16.2	0.0
100	QPSK	270	0		15.03			
100	16QAM	1	1		15.07		16.2	0.0
100	64QAM	1	1		14.99		16.2	0.0
100	256QAM	1	1		15.05		16.2	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	15.07	15.03	15.10	16.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.99	(dBm)	(dB)
80	QPSK	1	1	15.02	15.03	14.98	16.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	14.96	15.09	15.07	16.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	14.97	14.98	15.06	16.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	15.09	15.06	15.10	16.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	15.08	15.04	14.98	16.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	15.06	14.98	15.07	16.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	15.10	15.10	15.03	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		14.99			
100	Pi/2 BPSK	1	137		15.03		16.2	0.0
100	Pi/2 BPSK	1	271		14.98			
100	Pi/2 BPSK	135	0		14.97		16.2	0.0
100	Pi/2 BPSK	135	69		14.96		16.2	0.0
100	Pi/2 BPSK	135	138		15.04		16.2	0.0
100	Pi/2 BPSK	270	0		14.97			
100	QPSK	1	1		15.11		16.2	0.0
100	QPSK	1	137		15.08			
100	QPSK	1	271		15.02			
100	QPSK	135	0		15.00		16.2	0.0
100	QPSK	135	69		15.08		16.2	0.0
100	QPSK	135	138		14.94		16.2	0.0
100	QPSK	270	0		15.03			
100	16QAM	1	1		15.07		16.2	0.0
100	64QAM	1	1		14.99		16.2	0.0
100	256QAM	1	1		15.05		16.2	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	15.07	15.03	15.10	16.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.99	(dBm)	(dB)
80	QPSK	1	1	15.02	15.03	14.98	16.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	14.96	15.09	15.07	16.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	14.97	14.98	15.06	16.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	15.09	15.06	15.10	16.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	15.08	15.04	14.98	16.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	15.06	14.98	15.07	16.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	15.10	15.10	15.03	16.2	0.0

Reduced Power Mode for ECI15

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.26	22.32	22.19	23.8	0.0
20	PI/2 BPSK	1	53	22.23	22.27	22.18		
20	PI/2 BPSK	1	104	22.16	22.29	22.21		
20	PI/2 BPSK	50	0	21.78	21.81	21.70	23.3	0.5
20	PI/2 BPSK	50	28	22.24	22.29	22.20	23.8	0.0
20	PI/2 BPSK	50	56	21.63	21.75	21.65	23.3	0.5
20	PI/2 BPSK	100	0	21.78	21.79	21.78		
20	QPSK	1	1	22.33	22.38	22.32	23.8	0.0
20	QPSK	1	53	22.27	22.32	22.31		
20	QPSK	1	104	22.23	22.26	22.13		
20	QPSK	50	0	21.16	21.27	21.19	22.8	1.0
20	QPSK	50	28	22.18	22.27	22.21	23.8	0.0
20	QPSK	50	56	21.16	21.27	21.22	22.8	1.0
20	QPSK	100	0	21.20	21.26	21.23		
20	16QAM	1	1	20.95	21.10	21.01	22.8	1.0
20	64QAM	1	1	19.84	19.72	19.63	21.3	2.5
20	256QAM	1	1	18.15	18.25	18.11	19.3	4.5
Channel				371500	376000	380500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	1	22.32	22.23	22.20	23.8	0.0
Channel				371000	376000	381000	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	1	22.31	22.28	22.22	23.8	0.0
Channel				370750	376000	381250	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	1	22.20	22.37	22.30	23.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.67	16.68	16.57	17.8	0.0
20	PI/2 BPSK	1	53	16.67	16.78	16.61		
20	PI/2 BPSK	1	104	16.84	16.69	16.63		
20	PI/2 BPSK	50	0	16.76	16.78	16.59	17.8	0.0
20	PI/2 BPSK	50	28	16.66	16.71	16.58	17.8	0.0
20	PI/2 BPSK	50	56	16.85	16.74	16.59	17.8	0.0
20	PI/2 BPSK	100	0	16.76	16.74	16.53		
20	QPSK	1	1	16.73	16.82	16.64	17.8	0.0
20	QPSK	1	53	16.68	16.69	16.57		
20	QPSK	1	104	16.72	16.68	16.58		
20	QPSK	50	0	16.62	16.75	16.48	17.8	0.0
20	QPSK	50	28	16.77	16.81	16.57	17.8	0.0
20	QPSK	50	56	16.68	16.69	16.47	17.8	0.0
20	QPSK	100	0	16.70	16.78	16.53		
20	16QAM	1	1	16.75	16.76	16.55	17.8	0.0
20	64QAM	1	1	16.77	16.70	16.56	17.8	0.0
20	256QAM	1	1	16.72	16.69	16.57	17.8	0.0
Channel				371500	376000	380500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	1	16.73	16.77	16.60	17.8	0.0
Channel				371000	376000	381000	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	1	16.78	16.76	16.50	17.8	0.0
Channel				370750	376000	381250	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	1	16.72	16.80	16.58	17.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	17.39	17.51	17.44	18.8	0.0
20	PI/2 BPSK	1	53	17.40	17.54	17.49		
20	PI/2 BPSK	1	104	17.40	17.51	17.45		
20	PI/2 BPSK	50	0	17.47	17.56	17.46	18.8	0.0
20	PI/2 BPSK	50	28	17.41	17.58	17.49	18.8	0.0
20	PI/2 BPSK	50	56	17.38	17.50	17.50	18.8	0.0
20	PI/2 BPSK	100	0	17.47	17.49	17.38		
20	QPSK	1	1	17.52	17.60	17.53	18.8	0.0
20	QPSK	1	53	17.41	17.46	17.46		
20	QPSK	1	104	17.43	17.48	17.46		
20	QPSK	50	0	17.34	17.53	17.46	18.8	0.0
20	QPSK	50	28	17.49	17.54	17.49	18.8	0.0
20	QPSK	50	56	17.44	17.51	17.43	18.8	0.0
20	QPSK	100	0	17.47	17.48	17.44		
20	16QAM	1	1	17.44	17.46	17.38	18.8	0.0
20	64QAM	1	1	17.40	17.57	17.40	18.8	0.0
20	256QAM	1	1	16.33	16.47	16.34	17.3	1.5
Channel				371500	376000	380500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	1	17.46	17.45	17.42	18.8	0.0
Channel				371000	376000	381000	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	1	17.47	17.53	17.41	18.8	0.0
Channel				370750	376000	381250	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	1	17.38	17.50	17.40	18.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.33	20.44	20.44	21.5	0.0
20	PI/2 BPSK	1	53	20.39	20.43	20.33		
20	PI/2 BPSK	1	104	20.35	20.53	20.34		
20	PI/2 BPSK	50	0	20.36	20.40	20.34	21.5	0.0
20	PI/2 BPSK	50	28	20.32	20.44	20.34	21.5	0.0
20	PI/2 BPSK	50	56	20.41	20.48	20.35	21.5	0.0
20	PI/2 BPSK	100	0	20.33	20.41	20.36		
20	QPSK	1	1	20.47	20.54	20.40	21.5	0.0
20	QPSK	1	53	20.38	20.39	20.42		
20	QPSK	1	104	20.32	20.41	20.32		
20	QPSK	50	0	20.37	20.46	20.31	21.5	0.0
20	QPSK	50	28	20.39	20.52	20.40	21.5	0.0
20	QPSK	50	56	20.28	20.45	20.33	21.5	0.0
20	QPSK	100	0	20.36	20.51	20.32		
20	16QAM	1	1	20.43	20.46	20.39	21.5	0.0
20	64QAM	1	1	20.46	20.52	20.36	21.5	0.0
20	256QAM	1	1	19.82	19.85	19.78	20.5	1.0
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	20.44	20.42	20.39	21.5	0.0
Channel				166050	167300	168550	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	20.44	20.45	20.37	21.5	0.0
Channel				165800	167300	168800	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	20.33	20.43	20.35	21.5	0.0

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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.43	20.40	20.38	22.0	0.0
20	PI/2 BPSK	1	53	20.39	20.52	20.33		
20	PI/2 BPSK	1	104	20.48	20.38	20.33		
20	PI/2 BPSK	50	0	20.48	20.50	20.37	22.0	0.0
20	PI/2 BPSK	50	28	20.41	20.50	20.38	22.0	0.0
20	PI/2 BPSK	50	56	20.40	20.47	20.26	22.0	0.0
20	PI/2 BPSK	100	0	20.46	20.40	20.31		
20	QPSK	1	1	20.46	20.53	20.39	22.0	0.0
20	QPSK	1	53	20.37	20.39	20.33		
20	QPSK	1	104	20.40	20.52	20.28		
20	QPSK	50	0	20.39	20.37	20.32	22.0	0.0
20	QPSK	50	28	20.47	20.50	20.38	22.0	0.0
20	QPSK	50	56	20.36	20.35	20.34	22.0	0.0
20	QPSK	100	0	20.45	20.47	20.31		
20	16QAM	1	1	20.46	20.43	20.38	22.0	0.0
20	64QAM	1	1	20.36	20.50	20.33	22.0	0.0
20	256QAM	1	1	18.83	18.92	18.91	20.0	2.0
Channel				165300	167300	169100	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	20.48	20.40	20.24	22.0	0.0
Channel				165750	167300	168850	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	20.45	20.52	20.37	22.0	0.0
Channel				165324	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	20.43	20.41	20.29	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.34	23.39	23.32	25.0	0.0
40	PI/2 BPSK	1	108	23.26	23.40	23.38		
40	PI/2 BPSK	1	214	23.27	23.31	23.21		
40	PI/2 BPSK	108	0	22.90	22.94	22.86	24.5	0.5
40	PI/2 BPSK	108	54	23.30	23.34	23.23	25.0	0.0
40	PI/2 BPSK	108	108	22.82	22.90	22.83	24.5	0.5
40	PI/2 BPSK	216	0	22.91	22.93	22.91		
40	QPSK	1	1	23.39	23.46	23.41	25.0	0.0
40	QPSK	1	108	23.27	23.33	23.18		
40	QPSK	1	214	23.29	23.36	23.22		
40	QPSK	108	0	22.33	22.38	22.34	24.0	1.0
40	QPSK	108	54	23.31	23.40	23.38	25.0	0.0
40	QPSK	108	108	22.21	22.36	22.34	24.0	1.0
40	QPSK	216	0	22.37	22.39	22.33		
40	16QAM	1	1	22.13	22.15	22.00	24.0	1.0
40	64QAM	1	1	20.85	20.69	20.63	22.5	2.5
40	256QAM	1	1	19.12	19.15	19.11	20.5	4.5
Channel				503500	507000	510500	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	23.35	23.31	23.30	25.0	0.0
Channel				502750	507000	511250	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	23.26	23.36	23.40	25.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	1	23.27	23.37	23.29	25.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	23.24	23.32	23.40	25.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	23.36	23.45	23.39	25.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	23.31	23.42	23.33	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	15.60	15.73	15.73	17.0	0.0
40	PI/2 BPSK	1	108	15.52	15.66	15.64		
40	PI/2 BPSK	1	214	15.55	15.66	15.65		
40	PI/2 BPSK	108	0	15.56	15.73	15.70	17.0	0.0
40	PI/2 BPSK	108	54	15.62	15.71	15.67	17.0	0.0
40	PI/2 BPSK	108	108	15.53	15.69	15.74	17.0	0.0
40	PI/2 BPSK	216	0	15.59	15.75	15.71		
40	QPSK	1	1	15.66	15.80	15.76	17.0	0.0
40	QPSK	1	108	15.58	15.74	15.63		
40	QPSK	1	214	15.62	15.65	15.67		
40	QPSK	108	0	15.58	15.63	15.60	17.0	0.0
40	QPSK	108	54	15.59	15.77	15.73	17.0	0.0
40	QPSK	108	108	15.53	15.63	15.69	17.0	0.0
40	QPSK	216	0	15.58	15.75	15.69		
40	16QAM	1	1	15.65	15.73	15.74	17.0	0.0
40	64QAM	1	1	15.59	15.72	15.71	17.0	0.0
40	256QAM	1	1	15.57	15.73	15.73	17.0	0.0
Channel				503500	507000	510500	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	15.65	15.72	15.68	17.0	0.0
Channel				502750	507000	511250	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	15.60	15.72	15.68	17.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	1	15.57	15.79	15.74	17.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	15.54	15.68	15.73	17.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	15.59	15.75	15.74	17.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	15.61	15.77	15.68	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	17.78	17.90	17.68	19.0	0.0
40	PI/2 BPSK	1	108	17.82	17.87	17.75		
40	PI/2 BPSK	1	214	17.80	17.91	17.73		
40	PI/2 BPSK	108	0	17.83	17.89	17.73	19.0	0.0
40	PI/2 BPSK	108	54	17.81	17.82	17.73	19.0	0.0
40	PI/2 BPSK	108	108	17.79	17.90	17.69	19.0	0.0
40	PI/2 BPSK	216	0	17.84	17.83	17.73		
40	QPSK	1	1	17.87	17.92	17.80	19.0	0.0
40	QPSK	1	108	17.78	17.85	17.68		
40	QPSK	1	214	17.72	17.78	17.73		
40	QPSK	108	0	17.74	17.90	17.73	19.0	0.0
40	QPSK	108	54	17.81	17.91	17.74	19.0	0.0
40	QPSK	108	108	17.67	17.86	17.68	19.0	0.0
40	QPSK	216	0	17.73	17.85	17.69		
40	16QAM	1	1	17.79	17.80	17.67	19.0	0.0
40	64QAM	1	1	17.81	17.87	17.78	19.0	0.0
40	256QAM	1	1	16.70	16.72	16.69	17.5	1.5
Channel				503500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	17.76	17.84	17.68	19.0	0.0
Channel				502750	507000	511250	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	17.81	17.90	17.74	19.0	0.0
Channel				502500	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	1	17.74	17.79	17.71	19.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	17.76	17.91	17.79	19.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	17.83	17.83	17.68	19.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	17.86	17.90	17.69	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.82	22.93	22.81	23.8	0.0
15	PI/2 BPSK	1	40	22.87	22.92	22.91		
15	PI/2 BPSK	1	77	22.72	22.86	22.75		
15	PI/2 BPSK	36	0	22.43	22.45	22.42	23.3	0.5
15	PI/2 BPSK	36	22	22.92	22.95	22.82	23.8	0.0
15	PI/2 BPSK	36	43	22.35	22.40	22.27	23.3	0.5
15	PI/2 BPSK	75	0	22.42	22.46	22.38		
15	QPSK	1	1	22.95	22.99	22.92	23.8	0.0
15	QPSK	1	40	22.90	22.94	22.85		
15	QPSK	1	77	22.80	22.86	22.76		
15	QPSK	36	0	21.92	21.93	21.90	22.8	1.0
15	QPSK	36	22	22.90	22.97	22.91	23.8	0.0
15	QPSK	36	43	21.79	21.91	21.82	22.8	1.0
15	QPSK	75	0	21.89	21.95	21.86		
15	16QAM	1	1	21.59	21.69	21.66	22.8	1.0
15	64QAM	1	1	20.13	20.23	20.11	21.3	2.5
	256QAM	1	1	18.73	18.81	18.70	19.3	4.5
Channel				140900	141500	142100	Tune-up limit	MPR
Frequency (MHz)				704	707.5	711	(dBm)	(dB)
10	QPSK	1	1	22.86	22.90	22.89	23.8	0.0
Channel				140700	141500	142300	Tune-up limit	MPR
Frequency (MHz)				701.5	707.5	713.5	(dBm)	(dB)
5	QPSK	1	1	22.83	22.91	22.91	23.8	0.0

n12_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				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.20	22.21	22.18	22.8	0.0
15	PI/2 BPSK	1	40	22.13	22.23	22.14		
15	PI/2 BPSK	1	77	22.06	22.15	22.07		
15	PI/2 BPSK	36	0	21.68	21.78	21.65	22.3	0.5
15	PI/2 BPSK	36	22	22.20	22.26	22.20	22.8	0.0
15	PI/2 BPSK	36	43	21.71	21.74	21.65	22.3	0.5
15	PI/2 BPSK	75	0	21.62	21.77	21.73		
15	QPSK	1	1	22.25	22.29	22.20	22.8	0.0
15	QPSK	1	40	22.17	22.24	22.12		
15	QPSK	1	77	22.05	22.12	21.97		
15	QPSK	36	0	21.21	21.25	21.16	21.8	1.0
15	QPSK	36	22	22.19	22.25	22.19	22.8	0.0
15	QPSK	36	43	21.12	21.23	21.20	21.8	1.0
15	QPSK	75	0	21.16	21.26	21.23		
15	16QAM	1	1	20.84	20.99	20.96	21.8	1.0
15	64QAM	1	1	19.49	19.54	19.50	20.3	2.5
	256QAM	1	1	17.99	18.12	18.05	18.3	4.5
Channel				140900	141500	142200	Tune-up limit	MPR
Frequency (MHz)				704	707.5	711	(dBm)	(dB)
10	QPSK	1	1	22.10	22.18	22.13	22.8	0.0
Channel				140700	141500	142300	Tune-up limit	MPR
Frequency (MHz)				701.5	707.5	713.5	(dBm)	(dB)
5	QPSK	1	1	22.23	22.22	22.14	22.8	0.0

n26_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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	19.73	19.94	19.84	21.0	0.0
20	PI/2 BPSK	1	53	19.76	19.94	19.87		
20	PI/2 BPSK	1	104	19.80	19.95	19.90		
20	PI/2 BPSK	50	0	19.68	19.91	19.85	21.0	0.0
20	PI/2 BPSK	50	28	19.68	19.96	19.90	21.0	0.0
20	PI/2 BPSK	50	56	19.74	19.91	19.87	21.0	0.0
20	PI/2 BPSK	100	0	19.79	19.87	19.88		
20	QPSK	1	1	19.81	20.00	19.92	21.0	0.0
20	QPSK	1	53	19.76	19.97	19.81		
20	QPSK	1	104	19.76	19.97	19.77		
20	QPSK	50	0	19.60	19.82	19.79	21.0	0.0
20	QPSK	50	28	19.75	19.93	19.85	21.0	0.0
20	QPSK	50	56	19.67	19.91	19.76	21.0	0.0
20	QPSK	100	0	19.73	19.89	19.78		
20	16QAM	1	1	19.67	19.87	19.80	21.0	0.0
20	64QAM	1	1	19.68	19.87	19.81	21.0	0.0
20	256QAM	1	1	19.68	19.83	19.89	20.5	0.5
Channel				164300	166300	168300	Tune-up limit	MPR
Frequency (MHz)				821.5	831.5	841.5	(dBm)	(dB)
15	QPSK	1	1	19.66	19.95	19.90	21.0	0.0
Channel				164200	166300	168400	Tune-up limit	MPR
Frequency (MHz)				819	831.5	844	(dBm)	(dB)
10	QPSK	1	1	19.72	19.87	19.82	21.0	0.0
Channel				164200	166300	168400	Tune-up limit	MPR
Frequency (MHz)				816.5	831.5	846.5	(dBm)	(dB)
5	QPSK	1	1	19.76	19.87	19.83	21.0	0.0

n26_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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	20.45	20.46	20.52	22.0	0.0
20	PI/2 BPSK	1	53	20.38	20.45	20.45		
20	PI/2 BPSK	1	104	20.36	20.57	20.44		
20	PI/2 BPSK	50	0	20.38	20.51	20.46	22.0	0.0
20	PI/2 BPSK	50	28	20.31	20.47	20.53	22.0	0.0
20	PI/2 BPSK	50	56	20.35	20.51	20.42	22.0	0.0
20	PI/2 BPSK	100	0	20.33	20.46	20.53		
20	QPSK	1	1	20.40	20.60	20.54	22.0	0.0
20	QPSK	1	53	20.42	20.58	20.49		
20	QPSK	1	104	20.34	20.56	20.45		
20	QPSK	50	0	20.30	20.48	20.42	22.0	0.0
20	QPSK	50	28	20.40	20.59	20.52	22.0	0.0
20	QPSK	50	56	20.32	20.52	20.48	22.0	0.0
20	QPSK	100	0	20.33	20.55	20.48		
20	16QAM	1	1	20.36	20.50	20.42	22.0	0.0
20	64QAM	1	1	20.31	20.36	20.31	22.0	0.0
20	256QAM	1	1	18.83	18.93	18.88	20.0	2.0
Channel				164300	166300	168300	Tune-up limit	MPR
Frequency (MHz)				821.5	831.5	841.5	(dBm)	(dB)
15	QPSK	1	1	20.37	20.56	20.52	22.0	0.0
Channel				164200	166300	168400	Tune-up limit	MPR
Frequency (MHz)				819	831.5	844	(dBm)	(dB)
10	QPSK	1	1	20.31	20.55	20.39	22.0	0.0
Channel				164200	166300	168400	Tune-up limit	MPR
Frequency (MHz)				816.5	831.5	846.5	(dBm)	(dB)
5	QPSK	1	1	20.39	20.46	20.47	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				348000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.33	23.45	23.40	25.0	0.0
40	PI/2 BPSK	1	108	23.38	23.41	23.38		
40	PI/2 BPSK	1	214	23.24	23.37	23.24		
40	PI/2 BPSK	108	0	22.86	22.90	22.84	24.5	0.5
40	PI/2 BPSK	108	54	23.37	23.44	23.33	25.0	0.0
40	PI/2 BPSK	108	108	22.78	22.88	22.86	24.5	0.5
40	PI/2 BPSK	216	0	22.91	22.92	22.90		
40	QPSK	1	1	23.46	23.49	23.47	25.0	0.0
40	QPSK	1	108	23.36	23.37	23.36		
40	QPSK	1	214	23.33	23.45	23.30		
40	QPSK	108	0	22.31	22.38	22.37	24.0	1.0
40	QPSK	108	54	23.41	23.44	23.42	25.0	0.0
40	QPSK	108	108	22.36	22.38	22.27	24.0	1.0
40	QPSK	216	0	22.35	22.41	22.31		
40	16QAM	1	1	22.25	22.27	22.13	24.0	1.0
40	64QAM	1	1	20.78	20.84	20.78	22.5	2.5
40	256QAM	1	1	19.30	19.42	19.34	20.5	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	23.43	23.48	23.37	25.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	23.36	23.34	23.36	25.0	0.0
Channel				343002	349000	354998	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	23.45	23.44	23.36	25.0	0.0
Channel				343002	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	23.32	23.37	23.32	25.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	23.38	23.44	23.45	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				348000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.76	15.84	15.72	17.0	0.0
40	PI/2 BPSK	1	108	15.82	15.87	15.74		
40	PI/2 BPSK	1	214	15.77	15.77	15.71		
40	PI/2 BPSK	108	0	15.76	15.88	15.68	17.0	0.0
40	PI/2 BPSK	108	54	15.69	15.83	15.76	17.0	0.0
40	PI/2 BPSK	108	108	15.69	15.79	15.68	17.0	0.0
40	PI/2 BPSK	216	0	15.72	15.84	15.78		
40	QPSK	1	1	15.84	15.90	15.82	17.0	0.0
40	QPSK	1	108	15.76	15.79	15.69		
40	QPSK	1	214	15.69	15.88	15.78		
40	QPSK	108	0	15.70	15.73	15.63	17.0	0.0
40	QPSK	108	54	15.81	15.88	15.76	17.0	0.0
40	QPSK	108	108	15.78	15.73	15.68	17.0	0.0
40	QPSK	216	0	15.75	15.82	15.70		
40	16QAM	1	1	15.81	15.84	15.77	17.0	0.0
40	64QAM	1	1	15.75	15.88	15.72	17.0	0.0
40	256QAM	1	1	15.78	15.79	15.80	17.0	0.0
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	15.75	15.84	15.71	17.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	15.71	15.82	15.81	17.0	0.0
Channel				343002	349000	354998	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	15.80	15.75	15.67	17.0	0.0
Channel				343002	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	15.69	15.83	15.68	17.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	15.71	15.76	15.79	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				348000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.82	21.77	21.66	23.5	0.0
40	PI/2 BPSK	1	108	21.81	21.68	21.54		
40	PI/2 BPSK	1	214	21.62	21.74	21.69		
40	PI/2 BPSK	108	0	21.00	21.14	21.03	23.0	0.5
40	PI/2 BPSK	108	54	21.55	21.68	21.60	23.5	0.0
40	PI/2 BPSK	108	108	21.09	21.12	21.02	23.0	0.5
40	PI/2 BPSK	216	0	21.07	21.14	21.11		
40	QPSK	1	1	21.80	21.86	21.82	23.5	0.0
40	QPSK	1	108	21.58	21.66	21.53		
40	QPSK	1	214	21.59	21.72	21.70		
40	QPSK	108	0	20.59	20.63	20.62	22.5	1.0
40	QPSK	108	54	21.62	21.68	21.64	23.5	0.0
40	QPSK	108	108	20.57	20.71	20.70	22.5	1.0
40	QPSK	216	0	20.66	20.72	20.59		
40	16QAM	1	1	20.52	20.62	20.52	22.5	1.0
40	64QAM	1	1	19.07	19.20	19.13	21.0	2.5
40	256QAM	1	1	17.75	17.79	17.78	19.0	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	21.74	21.81	21.89	23.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	21.68	21.82	21.74	23.5	0.0
Channel				343002	349000	354998	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	21.74	21.85	21.77	23.5	0.0
Channel				343002	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	21.66	21.80	21.70	23.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	21.75	21.78	21.87	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.43	23.59	23.39	25.0	0.0
40	PI/2 BPSK	1	53	23.36	23.46	23.41		
40	PI/2 BPSK	1	104	23.36	23.43	23.42		
40	PI/2 BPSK	50	0	22.83	22.92	22.83	24.5	0.5
40	PI/2 BPSK	50	28	23.34	23.45	23.38	25.0	0.0
40	PI/2 BPSK	50	56	22.87	22.91	22.88	24.5	0.5
40	PI/2 BPSK	100	0	22.86	22.92	22.88		
40	QPSK	1	1	23.44	23.52	23.50	25.0	0.0
40	QPSK	1	53	23.29	23.43	23.28		
40	QPSK	1	104	23.40	23.47	23.41		
40	QPSK	50	0	22.41	22.43	22.38	24.0	1.0
40	QPSK	50	28	23.40	23.42	23.39	25.0	0.0
40	QPSK	50	56	22.38	22.40	22.25	24.0	1.0
40	QPSK	100	0	22.38	22.41	22.29		
40	16QAM	1	1	22.24	22.25	22.20	24.0	1.0
40	64QAM	1	1	20.69	20.81	20.78	22.5	2.5
40	256QAM	1	1	19.32	19.37	19.22	20.5	4.5
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	23.37	23.37	23.46	25.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	23.41	23.47	23.43	25.0	0.0
Channel				515502	519000	522498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	23.39	23.43	23.38	25.0	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	23.35	23.41	23.45	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.21	16.32	16.24	17.5	0.0
40	PI/2 BPSK	1	53	16.31	16.31	16.23		
40	PI/2 BPSK	1	104	16.18	16.38	16.28		
40	PI/2 BPSK	50	0	16.27	16.24	16.26	17.5	0.0
40	PI/2 BPSK	50	28	16.29	16.36	16.24	17.5	0.0
40	PI/2 BPSK	50	56	16.23	16.25	16.21	17.5	0.0
40	PI/2 BPSK	100	0	16.30	16.38	16.29		
40	QPSK	1	1	16.32	16.39	16.34	17.5	0.0
40	QPSK	1	53	16.30	16.36	16.25		
40	QPSK	1	104	16.27	16.25	16.30		
40	QPSK	50	0	16.26	16.30	16.21	17.5	0.0
40	QPSK	50	28	16.31	16.36	16.33	17.5	0.0
40	QPSK	50	56	16.18	16.29	16.26	17.5	0.0
40	QPSK	100	0	16.28	16.34	16.28		
40	16QAM	1	1	16.30	16.33	16.23	17.5	0.0
40	64QAM	1	1	16.21	16.30	16.32	17.5	0.0
40	256QAM	1	1	16.18	16.35	16.22	17.5	0.0
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	16.25	16.24	16.23	17.5	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	16.19	16.37	16.32	17.5	0.0
Channel				515502	519000	522498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	16.29	16.36	16.27	17.5	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	16.26	16.33	16.28	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.56	17.66	17.46	19.0	0.0
40	PI/2 BPSK	1	53	17.53	17.63	17.46		
40	PI/2 BPSK	1	104	17.55	17.61	17.54		
40	PI/2 BPSK	50	0	17.50	17.72	17.50	19.0	0.0
40	PI/2 BPSK	50	28	17.60	17.71	17.59	19.0	0.0
40	PI/2 BPSK	50	56	17.57	17.70	17.59	19.0	0.0
40	PI/2 BPSK	100	0	17.57	17.69	17.58		
40	QPSK	1	1	17.62	17.74	17.60	19.0	0.0
40	QPSK	1	53	17.56	17.60	17.45		
40	QPSK	1	104	17.60	17.64	17.56		
40	QPSK	50	0	17.43	17.66	17.39	19.0	0.0
40	QPSK	50	28	17.58	17.72	17.52	19.0	0.0
40	QPSK	50	56	17.50	17.63	17.42	19.0	0.0
40	QPSK	100	0	17.51	17.67	17.46		
40	16QAM	1	1	17.59	17.62	17.47	19.0	0.0
40	64QAM	1	1	17.60	17.61	17.46	19.0	0.0
40	256QAM	1	1	16.47	16.48	16.38	17.5	1.5
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	17.60	17.73	17.52	19.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	17.56	17.70	17.51	19.0	0.0
Channel				515502	519000	522498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	17.54	17.61	17.56	19.0	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	17.54	17.62	17.47	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2593.99	2640		
100	PI/2 BPSK	1	1	22.69	22.74	22.64	24.2	0.0
100	PI/2 BPSK	1	137	22.63	22.73	22.66		
100	PI/2 BPSK	1	271	22.63	22.60	22.70		
100	PI/2 BPSK	135	0	22.60	22.72	22.65	24.2	0.0
100	PI/2 BPSK	135	69	22.70	22.63	22.60	24.2	0.0
100	PI/2 BPSK	135	138	22.60	22.64	22.60	24.2	0.0
100	PI/2 BPSK	270	0	22.61	22.64	22.65		
100	QPSK	1	1	22.80	22.88	22.76	24.2	0.0
100	QPSK	1	137	22.68	22.62	22.66		
100	QPSK	1	271	22.72	22.68	22.67		
100	QPSK	135	0	22.63	22.63	22.69	24.2	0.0
100	QPSK	135	69	22.70	22.73	22.70	24.2	0.0
100	QPSK	135	138	22.67	22.68	22.62		
100	QPSK	270	0	22.66	22.68	22.60	24.2	0.0
100	16QAM	1	1	22.63	22.63	22.72	24.2	0.0
100	64QAM	1	1	22.68	22.60	22.66	24.2	0.0
100	256QAM	1	1	21.50	21.52	21.46	22.7	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2593.99	2644.98		
90	QPSK	1	1	22.79	22.74	22.70	24.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2593.99	2649.99		
80	QPSK	1	1	22.76	22.79	22.81	24.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.72	22.79	22.72	24.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.72	22.81	22.71	24.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.68	22.79	22.61	24.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.76	22.84	22.73	24.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.76	22.85	22.70	24.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.77	22.80	22.61	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.65	25.76	25.82	27.2	0.0
100	PI/2 BPSK	1	137	25.64	25.74	25.68		
100	PI/2 BPSK	1	271	25.53	25.67	25.54		
100	PI/2 BPSK	135	0	25.18	25.32	25.22	26.7	0.5
100	PI/2 BPSK	135	69	25.71	25.74	25.69	27.2	0.0
100	PI/2 BPSK	135	138	25.18	25.27	25.13	26.7	0.5
100	PI/2 BPSK	270	0	25.30	25.31	25.18		
100	QPSK	1	1	25.75	25.80	25.76	27.2	0.0
100	QPSK	1	137	25.70	25.70	25.70		
100	QPSK	1	271	25.74	25.74	25.74		
100	QPSK	135	0	24.79	24.79	24.79	26.2	1.0
100	QPSK	135	69	25.75	25.78	25.71	27.2	0.0
100	QPSK	135	138	24.66	24.71	24.68	26.2	1.0
100	QPSK	270	0	24.74	24.77	24.66		
100	16QAM	1	1	24.42	24.57	24.56	26.2	1.0
100	64QAM	1	1	23.00	23.03	22.88	24.7	2.5
100	256QAM	1	1	21.55	21.59	21.53	22.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.75	25.71	25.70	27.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	25.66	25.67	25.73	27.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.72	25.78	25.72	27.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.76	25.69	25.65	27.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.73	25.68	25.74	27.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.71	25.73	25.64	27.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.67	25.69	25.61	27.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.66	25.76	25.75	27.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.58	16.78	16.81	17.7	0.0
100	PI/2 BPSK	1	137	16.61	16.76	16.83		
100	PI/2 BPSK	1	271	16.57	16.76	16.78		
100	PI/2 BPSK	135	0	16.63	16.79	16.69	17.7	0.0
100	PI/2 BPSK	135	69	16.60	16.83	16.73	17.7	0.0
100	PI/2 BPSK	135	138	16.66	16.84	16.78	17.7	0.0
100	PI/2 BPSK	270	0	16.62	16.78	16.73		
100	QPSK	1	1	16.69	16.88	16.84	17.7	0.0
100	QPSK	1	137	16.68	16.82	16.73		
100	QPSK	1	271	16.60	16.81	16.81		
100	QPSK	135	0	16.64	16.78	16.63	17.7	0.0
100	QPSK	135	69	16.67	16.85	16.76	17.7	0.0
100	QPSK	135	138	16.54	16.78	16.65	17.7	0.0
100	QPSK	270	0	16.62	16.80	16.68		
100	16QAM	1	1	16.56	16.81	16.75	17.7	0.0
100	64QAM	1	1	16.68	16.85	16.71	17.7	0.0
100	256QAM	1	1	16.56	16.77	16.76	17.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.64	16.78	16.69	17.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	16.56	16.78	16.83	17.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.56	16.83	16.78	17.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.57	16.79	16.69	17.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.61	16.71	16.80	17.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.68	16.81	16.79	17.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.67	16.85	16.78	17.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.65	16.73	16.71	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.56	16.78	16.81	17.7	0.0
100	PI/2 BPSK	1	137	16.61	16.76	16.83		
100	PI/2 BPSK	1	271	16.57	16.76	16.78		
100	PI/2 BPSK	135	0	16.63	16.79	16.69	17.7	0.0
100	PI/2 BPSK	135	69	16.60	16.83	16.73	17.7	0.0
100	PI/2 BPSK	135	138	16.66	16.84	16.78	17.7	0.0
100	PI/2 BPSK	270	0	16.62	16.78	16.73		
100	QPSK	1	1	16.69	16.86	16.84	17.7	0.0
100	QPSK	1	137	16.68	16.82	16.73		
100	QPSK	1	271	16.60	16.81	16.81		
100	QPSK	135	0	16.64	16.78	16.63	17.7	0.0
100	QPSK	135	69	16.67	16.85	16.76	17.7	0.0
100	QPSK	135	138	16.54	16.78	16.65	17.7	0.0
100	QPSK	270	0	16.62	16.80	16.68		
100	16QAM	1	1	16.56	16.81	16.75	17.7	0.0
100	64QAM	1	1	16.68	16.85	16.71	17.7	0.0
100	256QAM	1	1	16.56	16.77	16.76	17.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.64	16.78	16.69	17.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	16.56	16.78	16.83	17.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.56	16.83	16.78	17.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.57	16.79	16.69	17.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.61	16.71	16.80	17.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.68	16.81	16.79	17.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.67	16.85	16.78	17.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.65	16.73	16.71	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.75	17.72	17.75	18.7	0.0
100	PI/2 BPSK	1	137	17.77	17.71	17.65		
100	PI/2 BPSK	1	271	17.70	17.68	17.73		
100	PI/2 BPSK	135	0	17.67	17.68	17.64	18.7	0.0
100	PI/2 BPSK	135	69	17.79	17.74	17.71	18.7	0.0
100	PI/2 BPSK	135	138	17.71	17.76	17.74	18.7	0.0
100	PI/2 BPSK	270	0	17.72	17.72	17.83		
100	QPSK	1	1	17.81	17.82	17.78	18.7	0.0
100	QPSK	1	137	17.74	17.81	17.77		
100	QPSK	1	271	17.73	17.73	17.73		
100	QPSK	135	0	17.71	17.70	17.81	18.7	0.0
100	QPSK	135	69	17.78	17.79	17.74	18.7	0.0
100	QPSK	135	138	17.67	17.65	17.73	18.7	0.0
100	QPSK	270	0	17.71	17.77	17.69		
100	16QAM	1	1	17.69	17.73	17.76	18.7	0.0
100	64QAM	1	1	17.73	17.70	17.71	18.7	0.0
100	256QAM	1	1	17.73	17.71	17.65	18.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.72	17.77	17.65	18.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.78	17.72	17.70	18.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.68	17.75	17.66	18.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.71	17.69	17.74	18.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.80	17.78	17.78	18.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.79	17.78	17.69	18.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.79	17.75	17.64	18.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.70	17.71	17.70	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.75	17.72	17.75	18.7	0.0
100	PI/2 BPSK	1	137	17.77	17.71	17.65		
100	PI/2 BPSK	1	271	17.70	17.68	17.73		
100	PI/2 BPSK	135	0	17.67	17.68	17.64	18.7	0.0
100	PI/2 BPSK	135	69	17.79	17.74	17.71	18.7	0.0
100	PI/2 BPSK	135	138	17.71	17.76	17.74	18.7	0.0
100	PI/2 BPSK	270	0	17.72	17.72	17.83		
100	QPSK	1	1	17.81	17.82	17.78	18.7	0.0
100	QPSK	1	137	17.74	17.81	17.77		
100	QPSK	1	271	17.73	17.73	17.73		
100	QPSK	135	0	17.71	17.70	17.61	18.7	0.0
100	QPSK	135	69	17.78	17.79	17.74	18.7	0.0
100	QPSK	135	138	17.67	17.65	17.73	18.7	0.0
100	QPSK	270	0	17.71	17.77	17.69		
100	16QAM	1	1	17.69	17.73	17.76	18.7	0.0
100	64QAM	1	1	17.73	17.70	17.71	18.7	0.0
100	256QAM	1	1	17.73	17.71	17.65	18.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.72	17.77	17.65	18.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.78	17.72	17.70	18.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.68	17.75	17.66	18.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.71	17.69	17.74	18.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.80	17.78	17.78	18.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.79	17.78	17.69	18.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.79	17.75	17.64	18.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.70	17.71	17.70	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.21		14.7	0.0
100	PI/2 BPSK	1	137		13.29			
100	PI/2 BPSK	1	271		13.28			
100	PI/2 BPSK	135	0		13.25		14.7	0.0
100	PI/2 BPSK	135	69		13.32		14.7	0.0
100	PI/2 BPSK	135	138		13.22		14.7	0.0
100	PI/2 BPSK	270	0		13.22			
100	QPSK	1	1		13.38		14.7	0.0
100	QPSK	1	137		13.33			
100	QPSK	1	271		13.21			
100	QPSK	135	0		13.27		14.7	0.0
100	QPSK	135	69		13.32		14.7	0.0
100	QPSK	135	138		13.17		14.7	0.0
100	QPSK	270	0		13.25			
100	16QAM	1	1		13.33		14.7	0.0
100	64QAM	1	1		13.28		14.7	0.0
100	256QAM	1	1		13.27		14.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	13.27	13.25	13.35	14.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	13.24	13.21	13.34	14.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	13.32	13.28	13.33	14.7	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	13.31	13.31	13.26	14.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	13.27	13.27	13.25	14.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	13.22	13.31	13.29	14.7	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	13.27	13.32	13.26	14.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	13.33	13.32	13.23	14.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	12.99	13.16	12.77	14.7	0.0
100	PI/2 BPSK	1	137	12.96	13.07	12.84		
100	PI/2 BPSK	1	271	12.97	13.13	12.63		
100	PI/2 BPSK	135	0	12.97	13.05	12.76	14.7	0.0
100	PI/2 BPSK	135	69	13.03	13.11	12.82	14.7	0.0
100	PI/2 BPSK	135	138	12.96	13.13	12.82	14.7	0.0
100	PI/2 BPSK	270	0	13.04	13.15	12.89		
100	QPSK	1	1	13.10	13.18	12.99	14.7	0.0
100	QPSK	1	137	13.03	13.06	12.77		
100	QPSK	1	271	12.95	13.07	12.85		
100	QPSK	135	0	12.89	13.02	12.74	14.7	0.0
100	QPSK	135	69	13.03	13.16	12.96	14.7	0.0
100	QPSK	135	138	12.92	13.08	12.81	14.7	0.0
100	QPSK	270	0	12.98	13.12	12.80		
100	16QAM	1	1	12.95	13.08	12.80	14.7	0.0
100	64QAM	1	1	13.04	13.05	12.89	14.7	0.0
100	256QAM	1	1	13.04	13.08	12.84	14.7	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	13.08	13.09	12.76	14.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	13.04	13.11	12.87	14.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	12.96	13.08	12.75	14.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	12.96	13.11	12.87	14.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	13.06	13.15	12.87	14.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.01	13.07	12.81	14.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	13.05	13.09	12.88	14.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	12.95	13.13	12.78	14.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.99		16.7	0.0
100	PI/2 BPSK	1	137		14.96			
100	PI/2 BPSK	1	271		14.95			
100	PI/2 BPSK	135	0		14.92		16.7	0.0
100	PI/2 BPSK	135	69		14.98		16.7	0.0
100	PI/2 BPSK	135	138		14.96		16.7	0.0
100	PI/2 BPSK	270	0		14.94			
100	QPSK	1	1		15.06		16.7	0.0
100	QPSK	1	137		14.95			
100	QPSK	1	271		15.05			
100	QPSK	135	0		14.97		16.7	0.0
100	QPSK	135	69		15.00		16.7	0.0
100	QPSK	135	138		14.91		16.7	0.0
100	QPSK	270	0		14.99			
100	16QAM	1	1		14.93		16.7	0.0
100	64QAM	1	1		15.00		16.7	0.0
100	256QAM	1	1		15.02		16.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	15.03	14.96	14.95	16.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.94	15.00	15.00	16.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.01	14.92	14.92	16.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.01	15.01	14.95	16.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.02	15.00	14.93	16.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.91	14.98	14.94	16.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.05	14.97	14.96	16.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.91	14.95	15.05	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.94	15.08	15.04	16.7	0.0
100	PI/2 BPSK	1	137	14.93	15.09	15.07		
100	PI/2 BPSK	1	271	14.95	15.06	15.08		
100	PI/2 BPSK	135	0	15.04	15.10	15.10	16.7	0.0
100	PI/2 BPSK	135	69	14.99	15.07	15.17	16.7	0.0
100	PI/2 BPSK	135	138	15.01	15.08	15.06	16.7	0.0
100	PI/2 BPSK	270	0	15.01	15.08	15.07		
100	QPSK	1	1	15.07	15.19	15.18	16.7	0.0
100	QPSK	1	137	14.94	15.12	15.17		
100	QPSK	1	271	14.95	15.14	15.08		
100	QPSK	135	0	14.90	15.05	14.99	16.7	0.0
100	QPSK	135	69	15.02	15.17	15.12	16.7	0.0
100	QPSK	135	138	14.93	15.05	15.09	16.7	0.0
100	QPSK	270	0	14.96	15.11	15.09		
100	16QAM	1	1	15.06	15.14	15.12	16.7	0.0
100	64QAM	1	1	15.04	15.18	15.14	16.7	0.0
100	256QAM	1	1	15.03	15.05	15.04	16.7	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	14.94	15.07	15.03	16.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.06	15.10	15.13	16.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.95	15.05	15.15	16.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	15.03	15.05	15.17	16.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	14.98	15.18	15.12	16.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.01	15.06	15.10	16.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	15.01	15.05	15.12	16.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	15.03	15.09	15.06	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.95		14.7	0.0
100	PI/2 BPSK	1	137		13.98			
100	PI/2 BPSK	1	271		13.93			
100	PI/2 BPSK	135	0		14.05		14.7	0.0
100	PI/2 BPSK	135	69		14.01		14.7	0.0
100	PI/2 BPSK	135	138		14.01		14.7	0.0
100	PI/2 BPSK	270	0		13.99			
100	QPSK	1	1		14.08		14.7	0.0
100	QPSK	1	137		13.97			
100	QPSK	1	271		14.03			
100	QPSK	135	0		13.94		14.7	0.0
100	QPSK	135	69		14.03		14.7	0.0
100	QPSK	135	138		13.99		14.7	0.0
100	QPSK	270	0		13.95			
100	16QAM	1	1		13.93		14.7	0.0
100	64QAM	1	1		13.96		14.7	0.0
100	256QAM	1	1		13.98		14.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.03	13.98	13.93	14.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.01	14.01	13.96	14.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	13.99	13.92	13.93	14.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	13.99	13.96	14.05	14.7	0.0
Channel				631668	633332	635005	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.00	14.04	13.95	14.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.02	13.93	14.00	14.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	13.98	14.00	13.92	14.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.01	14.01	13.97	14.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.24	14.29	13.78	14.7	0.0
100	PI/2 BPSK	1	137	14.22	14.36	13.78		
100	PI/2 BPSK	1	271	14.31	14.38	13.91		
100	PI/2 BPSK	135	0	14.20	14.27	13.86	14.7	0.0
100	PI/2 BPSK	135	69	14.22	14.30	13.90	14.7	0.0
100	PI/2 BPSK	135	138	14.30	14.34	13.85	14.7	0.0
100	PI/2 BPSK	270	0	14.21	14.34	13.88		
100	QPSK	1	1	14.35	14.39	13.93	14.7	0.0
100	QPSK	1	137	14.24	14.35	13.85		
100	QPSK	1	271	14.24	14.36	13.90		
100	QPSK	135	0	14.18	14.23	13.78	14.7	0.0
100	QPSK	135	69	14.26	14.37	13.89	14.7	0.0
100	QPSK	135	138	14.21	14.34	13.85		
100	QPSK	270	0	14.24	14.31	13.84		
100	16QAM	1	1	14.25	14.32	13.87	14.7	0.0
100	64QAM	1	1	14.30	14.37	13.89	14.7	0.0
100	256QAM	1	1	14.25	14.30	13.80	14.7	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	14.31	14.29	13.87	14.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	14.26	14.32	13.87	14.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.22	14.37	13.87	14.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	14.29	14.36	13.84	14.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	14.30	14.33	13.79	14.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.29	14.33	13.83	14.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	14.26	14.32	13.92	14.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	14.25	14.26	13.91	14.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.28			
100	PI/2 BPSK	1	137		14.25		15.2	0.0
100	PI/2 BPSK	1	271		14.36			
100	PI/2 BPSK	135	0		14.37		15.2	0.0
100	PI/2 BPSK	135	69		14.34		15.2	0.0
100	PI/2 BPSK	135	138		14.36		15.2	0.0
100	PI/2 BPSK	270	0		14.38			
100	QPSK	1	1		14.39		15.2	0.0
100	QPSK	1	137		14.26			
100	QPSK	1	271		14.35			
100	QPSK	135	0		14.31		15.2	0.0
100	QPSK	135	69		14.34		15.2	0.0
100	QPSK	135	138		14.26		15.2	0.0
100	QPSK	270	0		14.26			
100	16QAM	1	1		14.31		15.2	0.0
100	64QAM	1	1		14.36		15.2	0.0
100	256QAM	1	1		14.38		15.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.34	14.26	14.38	15.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.28	14.33	14.34	15.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.27	14.34	14.36	15.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.30	14.26	14.38	15.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.27	14.30	14.27	15.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.24	14.30	14.37	15.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.30	14.30	14.32	15.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.24	14.32	14.34	15.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.02	13.97	13.44		
100	PI/2 BPSK	1	137	13.93	14.08	13.45	15.2	0.0
100	PI/2 BPSK	1	271	14.02	13.97	13.37		
100	PI/2 BPSK	135	0	13.98	13.99	13.41	15.2	0.0
100	PI/2 BPSK	135	69	13.92	14.02	13.39	15.2	0.0
100	PI/2 BPSK	135	138	13.97	14.00	13.41	15.2	0.0
100	PI/2 BPSK	270	0	14.01	14.03	13.34		
100	QPSK	1	1	14.03	14.10	13.49	15.2	0.0
100	QPSK	1	137	14.00	14.06	13.47		
100	QPSK	1	271	13.96	14.08	13.41		
100	QPSK	135	0	13.89	13.94	13.36	15.2	0.0
100	QPSK	135	69	14.00	14.07	13.44	15.2	0.0
100	QPSK	135	138	13.96	14.01	13.38	15.2	0.0
100	QPSK	270	0	13.99	14.06	13.36		
100	16QAM	1	1	13.94	13.99	13.37	15.2	0.0
100	64QAM	1	1	13.99	14.02	13.47	15.2	0.0
100	256QAM	1	1	13.91	14.07	13.44	15.2	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	13.98	14.09	13.45	15.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	13.98	14.09	13.45	15.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.89	14.09	13.39	15.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	13.93	14.08	13.38	15.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	13.94	14.08	13.35	15.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.00	13.98	13.39	15.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	13.94	13.96	13.39	15.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	13.88	13.99	13.34	15.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		12.99			
100	PI/2 BPSK	1	137		13.07		14.7	0.0
100	PI/2 BPSK	1	271		13.10			
100	PI/2 BPSK	135	0		13.06		14.7	0.0
100	PI/2 BPSK	135	69		13.00		14.7	0.0
100	PI/2 BPSK	135	138		13.02		14.7	0.0
100	PI/2 BPSK	270	0		13.02			
100	QPSK	1	1		13.14		14.7	0.0
100	QPSK	1	137		13.02			
100	QPSK	1	271		13.02			
100	QPSK	135	0		13.02		14.7	0.0
100	QPSK	135	69		13.11		14.7	0.0
100	QPSK	135	138		12.96		14.7	0.0
100	QPSK	270	0		13.03			
100	16QAM	1	1		13.13		14.7	0.0
100	64QAM	1	1		13.09		14.7	0.0
100	256QAM	1	1		13.01		14.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	13.03	13.12	13.11	14.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	13.10	13.08	13.05	14.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	13.05	13.05	13.08	14.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	13.00	13.01	13.00	14.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	13.07	13.07	13.00	14.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	12.99	13.05	13.00	14.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	13.12	13.10	13.07	14.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	13.00	13.02	13.10	14.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		12.99			
100	PI/2 BPSK	1	137		13.07		14.7	0.0
100	PI/2 BPSK	1	271		13.10			
100	PI/2 BPSK	135	0		13.06		14.7	0.0
100	PI/2 BPSK	135	69		13.00		14.7	0.0
100	PI/2 BPSK	135	138		13.02		14.7	0.0
100	PI/2 BPSK	270	0		13.02			
100	QPSK	1	1		13.14		14.7	0.0
100	QPSK	1	137		13.02			
100	QPSK	1	271		13.02			
100	QPSK	135	0		13.02		14.7	0.0
100	QPSK	135	69		13.11		14.7	0.0
100	QPSK	135	138		12.96		14.7	0.0
100	QPSK	270	0		13.03			
100	16QAM	1	1		13.13		14.7	0.0
100	64QAM	1	1		13.09		14.7	0.0
100	256QAM	1	1		13.01		14.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	13.03	13.12	13.11	14.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	13.10	13.08	13.05	14.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	13.05	13.05	13.06	14.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	13.00	13.01	13.00	14.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	13.07	13.07	13.00	14.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	12.99	13.05	13.00	14.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	13.12	13.10	13.07	14.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	13.00	13.02	13.10	14.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.09			
100	PI/2 BPSK	1	137		13.08		14.7	0.0
100	PI/2 BPSK	1	271		13.05			
100	PI/2 BPSK	135	0		13.04		14.7	0.0
100	PI/2 BPSK	135	69		13.05		14.7	0.0
100	PI/2 BPSK	135	138		13.11		14.7	0.0
100	PI/2 BPSK	270	0		13.12			
100	QPSK	1	1		13.13		14.7	0.0
100	QPSK	1	137		13.12			
100	QPSK	1	271		13.09			
100	QPSK	135	0		13.05		14.7	0.0
100	QPSK	135	69		13.12		14.7	0.0
100	QPSK	135	138		12.98		14.7	0.0
100	QPSK	270	0		13.09			
100	16QAM	1	1		13.03		14.7	0.0
100	64QAM	1	1		13.01		14.7	0.0
100	256QAM	1	1		13.01		14.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	13.07	13.09	13.08	14.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	13.04	13.05	12.98	14.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	13.05	13.11	13.09	14.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	12.98	13.09	13.12	14.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	13.04	13.11	13.00	14.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	13.10	13.08	13.09	14.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	13.07	12.98	13.09	14.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	12.98	13.07	13.11	14.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.09			
100	PI/2 BPSK	1	137		13.08		14.7	0.0
100	PI/2 BPSK	1	271		13.05			
100	PI/2 BPSK	135	0		13.04		14.7	0.0
100	PI/2 BPSK	135	69		13.05		14.7	0.0
100	PI/2 BPSK	135	138		13.11		14.7	0.0
100	PI/2 BPSK	270	0		13.12			
100	QPSK	1	1		13.13		14.7	0.0
100	QPSK	1	137		13.12			
100	QPSK	1	271		13.09			
100	QPSK	135	0		13.05		14.7	0.0
100	QPSK	135	69		13.12		14.7	0.0
100	QPSK	135	138		12.98		14.7	0.0
100	QPSK	270	0		13.09			
100	16QAM	1	1		13.03		14.7	0.0
100	64QAM	1	1		13.01		14.7	0.0
100	256QAM	1	1		13.01		14.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	13.07	13.09	13.08	14.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	13.04	13.05	12.98	14.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	13.05	13.11	13.09	14.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	12.98	13.09	13.12	14.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	13.04	13.11	13.00	14.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	13.10	13.08	13.09	14.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	13.07	12.98	13.09	14.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	12.98	13.07	13.11	14.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.04			
100	PI/2 BPSK	1	137		14.99		16.7	0.0
100	PI/2 BPSK	1	271		15.04			
100	PI/2 BPSK	135	0		15.04		16.7	0.0
100	PI/2 BPSK	135	69		15.07		16.7	0.0
100	PI/2 BPSK	135	138		14.97		16.7	0.0
100	PI/2 BPSK	270	0		15.08			
100	QPSK	1	1		15.11		16.7	0.0
100	QPSK	1	137		14.96			
100	QPSK	1	271		15.07			
100	QPSK	135	0		14.97		16.7	0.0
100	QPSK	135	69		15.08		16.7	0.0
100	QPSK	135	138		14.96		16.7	0.0
100	QPSK	270	0		15.00			
100	16QAM	1	1		15.04		16.7	0.0
100	64QAM	1	1		15.09		16.7	0.0
100	256QAM	1	1		14.98		16.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	14.98	15.08	15.03	16.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.10	15.02	15.07	16.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	14.99	14.96	14.98	16.7	0.0
Channel				632000	633332	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.08	14.98	15.04	16.7	0.0
Channel				631668	633332	635005	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3526	(dBm)	(dB)
50	QPSK	1	1	15.09	15.08	15.04	16.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.02	15.04	14.98	16.7	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.01	15.03	14.98	16.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	14.99	15.08	14.97	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.04			
100	PI/2 BPSK	1	137		14.99		16.7	0.0
100	PI/2 BPSK	1	271		15.04			
100	PI/2 BPSK	135	0		15.04		16.7	0.0
100	PI/2 BPSK	135	69		15.07		16.7	0.0
100	PI/2 BPSK	135	138		14.97		16.7	0.0
100	PI/2 BPSK	270	0		15.08			
100	QPSK	1	1		15.11		16.7	0.0
100	QPSK	1	137		14.96			
100	QPSK	1	271		15.07			
100	QPSK	135	0		14.97		16.7	0.0
100	QPSK	135	69		15.08		16.7	0.0
100	QPSK	135	138		14.96		16.7	0.0
100	QPSK	270	0		15.00			
100	16QAM	1	1		15.04		16.7	0.0
100	64QAM	1	1		15.09		16.7	0.0
100	256QAM	1	1		14.98		16.7	0.0
Channel				633000	633332	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	14.98	15.08	15.03	16.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.10	15.02	15.07	16.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	14.99	14.96	14.98	16.7	0.0
Channel				632000	633332	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.08	14.98	15.04	16.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	15.09	15.08	15.04	16.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.02	15.04	14.98	16.7	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.01	15.03	14.98	16.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	14.99	15.08	14.97	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.18			
100	PI/2 BPSK	1	137		15.17		16.7	0.0
100	PI/2 BPSK	1	271		15.15			
100	PI/2 BPSK	135	0		15.15		16.7	0.0
100	PI/2 BPSK	135	69		15.11		16.7	0.0
100	PI/2 BPSK	135	138		15.16		16.7	0.0
100	PI/2 BPSK	270	0		15.19			
100	QPSK	1	1		15.21		16.7	0.0
100	QPSK	1	137		15.12			
100	QPSK	1	271		15.15			
100	QPSK	135	0		15.12		16.7	0.0
100	QPSK	135	69		15.20		16.7	0.0
100	QPSK	135	138		15.06		16.7	0.0
100	QPSK	270	0		15.12			
100	16QAM	1	1		15.06		16.7	0.0
100	64QAM	1	1		15.07		16.7	0.0
100	256QAM	1	1		15.20		16.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	14.97	15.01	14.99	16.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	15.05	15.08	15.10	16.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3750	3760		
70	QPSK	1	1	15.00	14.98	15.02	16.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	14.99	15.04	15.08	16.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	15.09	15.07	15.02	16.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.98	15.03	15.09	16.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	14.99	15.09	15.07	16.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	15.07	15.05	14.97	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.18			
100	PI/2 BPSK	1	137		15.17		16.7	0.0
100	PI/2 BPSK	1	271		15.15			
100	PI/2 BPSK	135	0		15.15		16.7	0.0
100	PI/2 BPSK	135	69		15.11		16.7	0.0
100	PI/2 BPSK	135	138		15.16		16.7	0.0
100	PI/2 BPSK	270	0		15.19			
100	QPSK	1	1		15.21		16.7	0.0
100	QPSK	1	137		15.12			
100	QPSK	1	271		15.15			
100	QPSK	135	0		15.12		16.7	0.0
100	QPSK	135	69		15.20		16.7	0.0
100	QPSK	135	138		15.06		16.7	0.0
100	QPSK	270	0		15.12			
100	16QAM	1	1		15.06		16.7	0.0
100	64QAM	1	1		15.07		16.7	0.0
100	256QAM	1	1		15.20		16.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	14.97	15.01	14.99	16.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	15.05	15.08	15.10	16.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3750	3760		
70	QPSK	1	1	15.00	14.98	15.02	16.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	14.99	15.04	15.08	16.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	15.09	15.07	15.02	16.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.98	15.03	15.09	16.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	14.99	15.09	15.07	16.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	15.07	15.05	14.97	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.97			
100	PI/2 BPSK	1	137		14.00		14.7	0.0
100	PI/2 BPSK	1	271		13.86			
100	PI/2 BPSK	135	0		13.96		14.7	0.0
100	PI/2 BPSK	135	69		13.99		14.7	0.0
100	PI/2 BPSK	135	138		13.97		14.7	0.0
100	PI/2 BPSK	270	0		13.94			
100	QPSK	1	1		14.01		14.7	0.0
100	QPSK	1	137		13.98			
100	QPSK	1	271		13.99			
100	QPSK	135	0		13.89		14.7	0.0
100	QPSK	135	69		13.93		14.7	0.0
100	QPSK	135	138		13.84		14.7	0.0
100	QPSK	270	0		13.88			
100	16QAM	1	1		13.88		14.7	0.0
100	64QAM	1	1		13.95		14.7	0.0
100	256QAM	1	1		13.93		14.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	13.99	13.95	13.92	14.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.00	13.88	13.88	14.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	13.96	13.94	13.95	14.7	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	13.93	13.92	13.86	14.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	13.98	13.95	14.00	14.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	13.86	13.98	13.87	14.7	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.00	13.87	13.90	14.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	13.93	13.86	13.96	14.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.97			
100	PI/2 BPSK	1	137		14.00		14.7	0.0
100	PI/2 BPSK	1	271		13.86			
100	PI/2 BPSK	135	0		13.96		14.7	0.0
100	PI/2 BPSK	135	69		13.99		14.7	0.0
100	PI/2 BPSK	135	138		13.97		14.7	0.0
100	PI/2 BPSK	270	0		13.94			
100	QPSK	1	1		14.01		14.7	0.0
100	QPSK	1	137		13.98			
100	QPSK	1	271		13.99			
100	QPSK	135	0		13.89		14.7	0.0
100	QPSK	135	69		13.93		14.7	0.0
100	QPSK	135	138		13.84		14.7	0.0
100	QPSK	270	0		13.88			
100	16QAM	1	1		13.88		14.7	0.0
100	64QAM	1	1		13.95		14.7	0.0
100	256QAM	1	1		13.93		14.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	13.99	13.95	13.92	14.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.00	13.88	13.88	14.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	13.96	13.94	13.95	14.7	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	13.93	13.92	13.86	14.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	13.98	13.95	14.00	14.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	13.86	13.98	13.87	14.7	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.00	13.87	13.90	14.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	13.93	13.86	13.96	14.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.36			
100	PI/2 BPSK	1	137		14.32		14.7	0.0
100	PI/2 BPSK	1	271		14.34			
100	PI/2 BPSK	135	0		14.30		14.7	0.0
100	PI/2 BPSK	135	69		14.28		14.7	0.0
100	PI/2 BPSK	135	138		14.30		14.7	0.0
100	PI/2 BPSK	270	0		14.33			
100	QPSK	1	1		14.40			
100	QPSK	1	137		14.25		14.7	0.0
100	QPSK	1	271		14.38			
100	QPSK	135	0		14.25		14.7	0.0
100	QPSK	135	69		14.34		14.7	0.0
100	QPSK	135	138		14.24		14.7	0.0
100	QPSK	270	0		14.28			
100	16QAM	1	1		14.39		14.7	0.0
100	64QAM	1	1		14.37		14.7	0.0
100	256QAM	1	1		14.32		14.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	14.28	14.28	14.25	14.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	14.26	14.30	14.31	14.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3750	3760		
70	QPSK	1	1	14.30	14.30	14.28	14.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3760.98		
60	QPSK	1	1	14.32	14.35	14.30	14.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	14.31	14.38	14.27	14.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.28	14.38	14.35	14.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	14.33	14.25	14.30	14.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	14.33	14.36	14.29	14.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.36			
100	PI/2 BPSK	1	137		14.32		14.7	0.0
100	PI/2 BPSK	1	271		14.34			
100	PI/2 BPSK	135	0		14.30		14.7	0.0
100	PI/2 BPSK	135	69		14.28		14.7	0.0
100	PI/2 BPSK	135	138		14.30		14.7	0.0
100	PI/2 BPSK	270	0		14.33			
100	QPSK	1	1		14.40			
100	QPSK	1	137		14.25		14.7	0.0
100	QPSK	1	271		14.38			
100	QPSK	135	0		14.25		14.7	0.0
100	QPSK	135	69		14.34		14.7	0.0
100	QPSK	135	138		14.24		14.7	0.0
100	QPSK	270	0		14.28			
100	16QAM	1	1		14.39		14.7	0.0
100	64QAM	1	1		14.37		14.7	0.0
100	256QAM	1	1		14.32		14.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	14.28	14.28	14.25	14.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	14.26	14.30	14.31	14.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3750	3760		
70	QPSK	1	1	14.30	14.30	14.28	14.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3760.98		
60	QPSK	1	1	14.32	14.35	14.30	14.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	14.31	14.38	14.27	14.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.28	14.38	14.35	14.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	14.33	14.25	14.30	14.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	14.33	14.36	14.29	14.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.32			
100	PI/2 BPSK	1	137		13.24		14.2	0.0
100	PI/2 BPSK	1	271		13.26			
100	PI/2 BPSK	135	0		13.30		14.2	0.0
100	PI/2 BPSK	135	69		13.32		14.2	0.0
100	PI/2 BPSK	135	138		13.31		14.2	0.0
100	PI/2 BPSK	270	0		13.22			
100	QPSK	1	1		13.33			
100	QPSK	1	137		13.32		14.2	0.0
100	QPSK	1	271		13.22			
100	QPSK	135	0		13.22		14.2	0.0
100	QPSK	135	69		13.32		14.2	0.0
100	QPSK	135	138		13.23		14.2	0.0
100	QPSK	270	0		13.26			
100	16QAM	1	1		13.20		14.2	0.0
100	64QAM	1	1		13.18		14.2	0.0
100	256QAM	1	1		13.28		14.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	13.21	13.28	13.30	14.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	13.23	13.31	13.23	14.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	13.20	13.27	13.23	14.2	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	13.21	13.28	13.23	14.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	13.19	13.27	13.20	14.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	13.26	13.25	13.29	14.2	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	13.31	13.30	13.31	14.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	13.27	13.22	13.25	14.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.32			
100	PI/2 BPSK	1	137		13.24		14.2	0.0
100	PI/2 BPSK	1	271		13.26			
100	PI/2 BPSK	135	0		13.30		14.2	0.0
100	PI/2 BPSK	135	69		13.32		14.2	0.0
100	PI/2 BPSK	135	138		13.31		14.2	0.0
100	PI/2 BPSK	270	0		13.22			
100	QPSK	1	1		13.33			
100	QPSK	1	137		13.32		14.2	0.0
100	QPSK	1	271		13.22			
100	QPSK	135	0		13.22		14.2	0.0
100	QPSK	135	69		13.32		14.2	0.0
100	QPSK	135	138		13.23		14.2	0.0
100	QPSK	270	0		13.26			
100	16QAM	1	1		13.20		14.2	0.0
100	64QAM	1	1		13.18		14.2	0.0
100	256QAM	1	1		13.28		14.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	13.21	13.28	13.30	14.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	13.23	13.31	13.23	14.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	13.20	13.27	13.23	14.2	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	13.21	13.28	13.23	14.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	13.19	13.27	13.20	14.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	13.26	13.25	13.29	14.2	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	13.31	13.30	13.31	14.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	13.27	13.22	13.25	14.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.06			
100	PI/2 BPSK	1	137		13.09		14.2	0.0
100	PI/2 BPSK	1	271		13.03			
100	PI/2 BPSK	135	0		13.11		14.2	0.0
100	PI/2 BPSK	135	69		13.08		14.2	0.0
100	PI/2 BPSK	135	138		13.11		14.2	0.0
100	PI/2 BPSK	270	0		13.12			
100	QPSK	1	1		13.15			
100	QPSK	1	137		13.14		14.2	0.0
100	QPSK	1	271		13.13			
100	QPSK	135	0		13.08		14.2	0.0
100	QPSK	135	69		13.08		14.2	0.0
100	QPSK	135	138		12.98		14.2	0.0
100	QPSK	270	0		13.07			
100	16QAM	1	1		13.01		14.2	0.0
100	64QAM	1	1		13.02		14.2	0.0
100	256QAM	1	1		13.12		14.2	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	13.14	13.04	13.03	14.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	13.13	13.12	13.06	14.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	13.14	13.04	13.09	14.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	13.08	13.13	13.02	14.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	13.14	13.09	13.11	14.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	13.09	13.14	13.04	14.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	13.13	13.05	13.02	14.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	13.11	13.01	13.14	14.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.06			
100	PI/2 BPSK	1	137		13.09		14.2	0.0
100	PI/2 BPSK	1	271		13.03			
100	PI/2 BPSK	135	0		13.11		14.2	0.0
100	PI/2 BPSK	135	69		13.08		14.2	0.0
100	PI/2 BPSK	135	138		13.11		14.2	0.0
100	PI/2 BPSK	270	0		13.12			
100	QPSK	1	1		13.15			
100	QPSK	1	137		13.14		14.2	0.0
100	QPSK	1	271		13.13			
100	QPSK	135	0		13.06		14.2	0.0
100	QPSK	135	69		13.08		14.2	0.0
100	QPSK	135	138		12.98		14.2	0.0
100	QPSK	270	0		13.07			
100	16QAM	1	1		13.01		14.2	0.0
100	64QAM	1	1		13.02		14.2	0.0
100	256QAM	1	1		13.12		14.2	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	13.14	13.04	13.03	14.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	13.13	13.12	13.06	14.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	13.14	13.04	13.09	14.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	13.08	13.13	13.02	14.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	13.14	13.09	13.11	14.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	13.09	13.14	13.04	14.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	13.13	13.05	13.02	14.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	13.11	13.01	13.14	14.2	0.0

2.4Ghz WLAN				Full Power		Head Standalone		Head Simultaneous		Body/Extremity Standalone		Body/Extremity Simultaneous&Hotspot		Duty Cycle %
				Ant 8		Ant 8		Ant 8		Ant 8		Ant 8		
	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	
2.4GHz WLAN	802.11b 1Mbps	1	2412	13.50	14.50	13.50	14.50	12.58	13.50	13.50	14.50	13.50	14.50	99.64
		6	2437	13.70	15.00	13.70	15.00	12.08	13.50	13.70	15.00	13.70	15.00	
		11	2462	11.70	12.50	11.70	12.50	11.70	12.50	11.70	12.50	11.70	12.50	
	802.11g 6Mbps	1	2412	13.10	14.00	Not Required	14.00	Not Required	13.50	Not Required	14.00	Not Required	14.00	95.80
		2	2417	17.70	19.00		16.00		13.50		17.50		16.00	
		6	2437	17.30	19.00		16.00		13.50		17.50		16.00	
		11	2462	17.50	18.50		16.00		13.50		17.50		16.00	
	802.11n-HT20 MCS0	1	2412	13.90	15.00		15.00		13.50		15.00		15.00	96.27
		2	2417	17.60	19.00		16.00		13.50		17.50		16.00	
		6	2437	17.20	19.00		16.00		13.50		17.50		16.00	
		11	2462	16.30	17.50		16.00		13.50		17.50		16.00	
	802.11n-HT40 MCS0	3	2422	13.10	14.50		14.50		13.50		14.50		14.50	88.41
		4	2427	14.00	15.50		15.50		13.50		17.50		16.00	
		5	2432	14.90	16.50		16.00		13.50		17.50		16.00	
		6	2437	16.80	18.50		16.00		13.50		17.50		16.00	
		9	2452	14.20	15.50		15.50		13.50		15.50		15.50	
	802.11ac-VHT20 MCS0	1	2412	Not Required	15.00		15.00		13.50		15.00		15.00	96.27
		2	2417		18.00		16.00		13.50		17.50		16.00	
		6	2437		18.00		16.00		13.50		17.50		16.00	
		11	2462		18.00		16.00		13.50		17.50		16.00	
	802.11ac-VHT40 MCS0	3	2422		14.50		14.50		13.50		14.50		14.50	88.41
		4	2427		15.50		15.50		13.50		17.50		16.00	
		5	2432		16.50		16.00		13.50		17.50		16.00	
		6	2437		18.50		16.00		13.50		17.50		16.00	
		8	2447		16.50		16.00		13.50		17.50		16.00	
		9	2452		15.50		15.50		13.50		15.50		15.50	

5.2GHz WLAN				Full Power		Head Standalone		Head Simultaneous 5G+BT		Head Simultaneous WWAN+5G		Head Simultaneous WWAN+5G+BT		Body/Extremity Standalone		Body/Extremity Simultaneous 5G+BT		Body/Extremity/ Hotspot &Simultaneous WWAN+5G&WWAN+5G+BT		Duty Cycle %
				Ant 8		Ant 8		Ant 8		Ant 8		Ant 8		Ant 8		Ant 8		Ant 8		
	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	
5.2GHz WLAN	802.11a 6Mbps	36	5180	15.02	17.00	Not Required	15.50	Not Required	13.50	Not Required	12.50	Not Required	11.00	Not Required	15.00	Not Required	13.50	Not Required	12.50	96.50
		40	5200	18.53	20.50		15.50		13.50		12.50		11.00		15.00		13.50		12.50	
		44	5220	18.57	20.50		15.50		13.50		12.50		11.00		15.00		13.50		12.50	
		48	5240	14.01	16.00		15.50		13.50		12.50		11.00		15.00		13.50		12.50	
	802.11n-HT20 MCS0	36	5180	15.04	17.00		15.50		13.50		12.50		11.00		15.00		13.50		12.50	96.27
		40	5200	18.02	20.00		15.50		13.50		12.50		11.00		15.00		13.50		12.50	
		44	5220	18.07	20.00		15.50		13.50		12.50		11.00		15.00		13.50		12.50	
		48	5240	15.05	17.00		15.50		13.50		12.50		11.00		15.00		13.50		12.50	
	802.11n-HT40 MCS0	38	5190	12.85	14.50	12.85	14.50		13.50		12.50		11.00	12.85	14.50		13.50		12.50	89.71
		46	5230	17.64	19.50	13.59	15.50		13.50		12.50		11.00	13.02	15.00		13.50		12.50	
	802.11ac-VHT20 MCS0	36	5180	Not Required	17.00	Not Required	15.50		13.50		12.50		11.00	Not Required	15.00		13.50		12.50	96.27
		40	5200		20.00		15.50		13.50		12.50		11.00		15.00		13.50		12.50	
		44	5220		20.00		15.50		13.50		12.50		11.00		15.00		13.50		12.50	
		48	5240		17.00		15.50		13.50		12.50		11.00		15.00		13.50		12.50	
	802.11ac-VHT40 MCS0	38	5190		14.50		14.50		13.50		12.50		11.00		14.50		13.50		12.50	89.71
		46	5230		19.50		15.50		13.50		12.50		11.00		15.00		13.50		12.50	
	802.11ac-VHT80 MCS0	42	5210	11.77	13.50		13.50	11.77	13.50	10.72	12.50	9.12	11.00		13.50	11.77	13.50	10.72	12.50	88.89

5.3GHz WLAN				Full Power		Head Standalone		Head Simultaneous 5G+BT		Head Simultaneous WWAN+5G		Head Simultaneous WWAN+5G+BT		Body/Extremity Standalone		Body/Extremity Simultaneous 5G+BT		Body/Extremity Simultaneous WWAN+5G&WWAN+5G+BT		Duty Cycle %
				Ant 8		Ant 8		Ant 8		Ant 8		Ant 8		Ant 8		Ant 8		Ant 8		
	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	
5.3GHz WLAN	802.11a 6Mbps	52	5260	18.56	20.50	Not Required	15.50	Not Required	13.50	Not Required	12.50	Not Required	11.00	Not Required	15.00	Not Required	13.50	Not Required	12.50	96.50
		56	5280	18.59	20.50		15.50		13.50		12.50		11.00		15.00		13.50		12.50	
		60	5300	18.65	20.50		15.50		13.50		12.50		11.00		15.00		13.50		12.50	
		64	5320	15.05	17.00		15.50		13.50		12.50		11.00		15.00		13.50		12.50	
	802.11n-HT20 MCS0	52	5260	18.10	20.00		15.50		13.50		12.50		11.00		15.00		13.50		12.50	96.27
		56	5280	18.06	20.00		15.50		13.50		12.50		11.00		15.00		13.50		12.50	
		60	5300	18.15	20.00		15.50		13.50		12.50		11.00		15.00		13.50		12.50	
		64	5320	15.60	17.50		15.50		13.50	Not Required	12.50	Not Required	11.00		15.00		13.50	Not Required	12.50	
	802.11n-HT40 MCS0	54	5270	17.61	19.50	13.52	15.50	11.62	13.50		12.50		11.00	13.03	15.00	11.62	13.50		12.50	89.71
		62	5310	12.83	14.50	12.83	14.50	11.95	13.50		12.50		11.00	12.83	14.50	11.95	13.50		12.50	
	802.11ac-VHT20 MCS0	52	5260	Not Required	20.00	Not Required	15.50	Not Required	13.50		12.50		11.00	Not Required	15.00	Not Required	13.50		12.50	96.27
		56	5280		20.00		15.50		13.50		12.50		11.00		15.00		13.50		12.50	
		60	5300		20.00		15.50		13.50		12.50		11.00		15.00		13.50		12.50	
		64	5320		20.00		15.50		13.50		12.50		11.00		15.00		13.50		12.50	
	802.11ac-VHT40 MCS0	54	5270		19.50		15.50		13.50		12.50		11.00		15.00		13.50		12.50	89.71
		62	5310		14.50		14.50		13.50		12.50		11.00		14.50		13.50		12.50	
	802.11ac-VHT80 MCS0	58	5290	10.73	12.50		12.50		12.50	10.67	12.50	9.28	11.00		12.50		12.50	10.67	12.50	88.89

5.5GHz WLAN				Full Power		Head Standalone		Head Simultaneous 5G+BT		Head Simultaneous WWAN+5G		Head Simultaneous WWAN+5G+BT		Body/Extremity Standalone		Body/Extremity Simultaneous 5G+BT		Body/Extremity Simultaneous WWAN+5G&WWAN+5G+BT		Duty Cycle %
				Ant 8		Ant 8		Ant 8		Ant 8		Ant 8		Ant 8		Ant 8		Ant 8		
	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	
5.5GHz WLAN	802.11a 6Mbps	100	5500	15.08	17.00	Not Required	16.00	Not Required	14.00	Not Required	13.50	Not Required	11.50	Not Required	15.00	Not Required	13.50	Not Required	12.50	96.50
		116	5580	18.22	20.00		16.00		14.00		13.50		11.50		15.00		13.50		12.50	
		124	5620	18.17	20.00		16.00		14.00		13.50		11.50		15.00		13.50		12.50	
		132	5660	18.11	20.00		16.00		14.00		13.50		11.50		15.00		13.50		12.50	
		140	5700	13.60	15.50		15.50		14.00		13.50		11.50		15.00		13.50		12.50	
	802.11n-HT20 MCS0	100	5500	15.07	17.00		16.00		14.00		13.50		11.50		15.00		13.50		12.50	96.27
		116	5580	18.15	20.00		16.00		14.00		13.50		11.50		15.00		13.50		12.50	
		124	5620	18.13	20.00		16.00		14.00		13.50		11.50		15.00		13.50		12.50	
		132	5660	18.06	20.00		16.00		14.00		13.50		11.50		15.00		13.50		12.50	
		140	5700	13.56	15.50		15.50		14.00		13.50		11.50		15.00		13.50		12.50	
	802.11n-HT40 MCS0	102	5510	13.40	15.00		15.00		14.00		13.50		11.50		15.00		13.50		12.50	89.71
		110	5550	17.86	19.50		16.00		14.00		13.50		11.50		15.00		13.50		12.50	
		126	5630	17.72	19.50		16.00		14.00		13.50		11.50		15.00		13.50		12.50	
		134	5670	15.63	17.50		16.00		14.00		13.50		11.50		15.00		13.50		12.50	
	802.11ac-VHT20 MCS0	100	5500	Not Required	17.00		16.00		14.00		13.50		11.50		15.00		13.50		12.50	96.27
		116	5580		20.00		16.00		14.00		13.50		11.50		15.00		13.50		12.50	
		124	5620		20.00		16.00		14.00		13.50		11.50		15.00		13.50		12.50	
		132	5660		20.00		16.00		14.00		13.50		11.50		15.00		13.50		12.50	
		140	5700		20.00		16.00		14.00		13.50		11.50		15.00		13.50		12.50	
	802.11ac-VHT40 MCS0	102	5510		15.00		15.00		14.00		13.50		11.50		15.00		13.50		12.50	89.71
		110	5550		19.50		16.00		14.00		13.50		11.50		15.00		13.50		12.50	
		126	5630		19.50		16.00		14.00		13.50		11.50		15.00		13.50		12.50	
		134	5670		17.50		16.00		14.00		13.50		11.50		15.00		13.50		12.50	
	802.11ac-VHT80 MCS0	106	5530	11.01	13.00	11.01	13.00	11.01	13.00	11.01	13.00	9.64	11.50	11.01	13.00	11.01	13.00	10.64	12.50	88.89
		122	5610	16.67	18.50	14.32	16.00	12.24	14.00	11.76	13.50	9.84	11.50	13.24	15.00	11.83	13.50	10.84	12.50	

5.8GHz WLAN				Full Power		Head Standalone		Head Simultaneous 5G+BT		Head Simultaneous WWAN+5G		Head Simultaneous WWAN+5G+BT		Body/Extremity Standalone		Body/Extremity Simultaneous 5G+BT		Body/Extremity/ Hotspot &Simultaneous WWAN+5G&WWAN+5G+BT		Duty Cycle %
				Ant 8		Ant 8		Ant 8		Ant 8		Ant 8		Ant 8		Ant 8		Ant 8		
	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	
5.8GHz WLAN	802.11a 6Mbps	149	5745	18.63	20.50	Not Required	17.00	Not Required	15.00	Not Required	14.50	Not Required	12.50	Not Required	15.00	Not Required	13.50	Not Required	12.50	96.50
		157	5785	18.67	20.50		17.00		15.00		14.50		12.50		15.00		13.50		12.50	
		165	5825	18.61	20.50		17.00		15.00		14.50		12.50		15.00		13.50		12.50	
	802.11n-HT20 MCS0	149	5745	18.13	20.00		17.00		15.00		14.50		12.50		15.00		13.50		12.50	96.27
		157	5785	18.07	20.00		17.00		15.00		14.50		12.50		15.00		13.50		12.50	
		165	5825	18.04	20.00		17.00		15.00		14.50		12.50		15.00		13.50		12.50	
	802.11n-HT40 MCS0	151	5755	18.35	20.00		17.00		15.00		14.50		12.50		15.00		13.50		12.50	89.71
		159	5795	18.22	20.00		17.00		15.00		14.50		12.50		15.00		13.50		12.50	
	802.11ac-VHT20 MCS0	149	5745	Not Required	20.00		17.00		15.00		14.50		12.50		15.00		13.50		12.50	96.27
		157	5785		20.00		17.00		15.00		14.50		12.50		15.00		13.50		12.50	
		165	5825		20.00		17.00		15.00		14.50		12.50		15.00		13.50		12.50	
	802.11ac-VHT40 MCS0	151	5755		20.00		17.00		15.00		14.50		12.50		15.00		13.50		12.50	89.71
		159	5795		20.00		17.00		15.00		14.50		12.50		15.00		13.50		12.50	
	802.11ac-VHT80 MCS0	155	5775	18.09	20.00	15.19	17.00	13.17	15.00	12.69	14.50	10.68	12.50	13.17	15.00	11.74	13.50	10.66	12.50	88.89

<Bluetooth>

Mode	Channel	Frequency (MHz)	Ant 8					
			Average power (dBm)					
			1Mbps	Tune-up Limit	2Mbps	Tune-up Limit	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	15.50	**16.00**	12.90	**14.00**	12.90	**14.00**
	CH 39	2441	15.70	**16.00**	13.10	**14.00**	13.00	**14.00**
	CH 78	2480	15.20	**16.00**	12.70	**14.00**	12.70	**14.00**

Head Simultaneous

Mode	Channel	Frequency (MHz)	[illegible]					
			Average power (dBm)					
			1Mbps	Tune-up Limit	2Mbps	Tune-up Limit	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	11.90	**12.50**	8.90	**10.50**	8.90	**10.50**
	CH 39	2441	12.10	**12.50**	9.10	**10.50**	9.10	**10.50**
	CH 78	2480	10.30	**11.00**	7.30	**9.00**	7.30	**9.00**

BT BLE

Mode	Channel	Frequency (MHz)	Ant 8			
			Average power (dBm)			
			1Mbps	125Kbps	500Kbps	Tune-up Limit
LE	CH 00	2402	5.57	5.80	5.70	**7.00**
	CH 19	2440	5.60	5.70	5.60	**7.00**
	CH 39	2480	5.30	5.40	5.30	**7.00**

Mode	Channel	Frequency (MHz)	Ant 8	
			Average power (dBm)	
			2Mbps	Tune-up Limit
LE	CH 1	2404	5.80	**7.00**
	CH 19	2440	5.70	**7.00**
	CH 38	2478	5.60	**7.00**