Full & Default Power Mode

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	31.90	31.83	31.64	**33.50**	22.90	22.83	22.64	24.50
GPRS 1 Tx slot	31.90	31.89	31.62	**33.50**	22.90	22.89	22.62	24.50
GPRS 2 Tx slots	31.36	31.31	31.12	**33.00**	25.36	25.31	25.12	27.00
GPRS 3 Tx slots	29.76	29.74	29.62	**31.50**	25.50	25.48	25.36	27.24
GPRS 4 Tx slots	28.52	28.59	28.54	**30.50**	25.52	25.59	25.54	27.50
EDGE 1 Tx slot	25.79	26.25	25.88	**27.50**	16.79	17.25	16.88	18.50
EDGE 2 Tx slots	24.23	24.39	24.28	**25.50**	18.23	18.39	18.28	19.50
EDGE 3 Tx slots	21.79	22.03	21.96	**23.50**	17.53	17.77	17.70	19.24
EDGE 4 Tx slots	20.49	20.56	20.47	**22.00**	17.49	17.56	17.47	19.00

GSM1900_Ant 1	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	28.93	28.84	28.69	**30.50**	19.93	19.84	19.69	21.50
GPRS 1 Tx slot	28.95	28.89	28.69	**30.50**	19.95	19.89	19.69	21.50
GPRS 2 Tx slots	28.34	28.23	28.02	**30.00**	22.34	22.23	22.02	24.00
GPRS 3 Tx slots	26.78	26.67	26.55	**28.50**	22.52	22.41	22.29	24.24
GPRS 4 Tx slots	25.50	25.61	25.54	**27.50**	22.50	22.61	22.54	24.50
EDGE 1 Tx slot	25.19	24.85	24.70	**26.50**	16.19	15.85	15.70	17.50
EDGE 2 Tx slots	23.99	23.78	23.54	**25.50**	17.99	17.78	17.54	19.50
EDGE 3 Tx slots	21.66	21.67	21.53	**23.50**	17.40	17.41	17.27	19.24
EDGE 4 Tx slots	20.27	20.28	20.10	**22.00**	17.27	17.28	17.10	19.00

Band		WCDMA II_Ant 1			Tune-up Limit (dBm)	WCDMA IV_Ant 1			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.53	22.72	22.71	**24.00**	22.29	22.36	22.31	**24.00**	22.52	22.58	22.49	**24.00**
3GPP Rel 99	RMC 12.2Kbps	22.54	22.78	22.74	**24.00**	22.33	22.38	22.32	**24.00**	22.56	22.61	22.50	**24.00**
3GPP Rel 6	HSDPA Subtest-1	21.55	21.71	21.66	**23.00**	21.28	21.35	21.31	**23.00**	21.48	21.62	21.47	**23.00**
3GPP Rel 6	HSDPA Subtest-2	21.55	21.67	21.63	**23.00**	21.24	21.30	21.33	**23.00**	21.47	21.60	21.47	**23.00**
3GPP Rel 6	HSDPA Subtest-3	21.07	21.23	21.15	**22.50**	20.83	20.87	20.84	**22.50**	21.01	21.12	21.00	**22.50**
3GPP Rel 6	HSDPA Subtest-4	21.01	21.18	21.11	**22.50**	20.77	20.80	20.78	**22.50**	20.96	21.09	20.97	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	21.81	21.88	21.87	**23.00**	21.23	21.24	21.26	**23.00**	21.62	21.67	21.56	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	21.86	21.86	21.82	**23.00**	21.17	21.16	21.25	**23.00**	21.65	21.66	21.59	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	21.37	21.36	21.40	**22.50**	20.62	20.63	20.71	**22.50**	21.13	21.20	21.03	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	21.30	21.35	21.30	**22.50**	20.67	20.64	20.70	**22.50**	21.09	21.18	21.14	**22.50**
3GPP Rel 6	HSUPA Subtest-1	19.52	19.70	19.71	**21.00**	19.25	19.32	19.26	**21.00**	19.45	19.44	19.42	**21.00**
3GPP Rel 6	HSUPA Subtest-2	19.52	19.67	19.63	**21.00**	19.28	19.30	19.25	**21.00**	19.43	19.45	19.46	**21.00**
3GPP Rel 6	HSUPA Subtest-3	20.54	20.71	20.71	**22.00**	20.31	20.34	20.28	**22.00**	20.45	20.46	20.47	**22.00**
3GPP Rel 6	HSUPA Subtest-4	19.06	19.21	19.20	**21.00**	19.00	19.05	19.03	**21.00**	19.04	19.03	19.01	**21.00**
3GPP Rel 6	HSUPA Subtest-5	20.50	20.70	20.60	**22.00**	20.20	20.30	20.30	**22.00**	20.40	20.60	20.40	**22.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.63	19.67	19.62	**20.50**	19.29	19.33	19.27	**20.50**	19.43	19.44	19.48	**20.50**

Band 2_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.40	22.41	22.43	24	0
20	QPSK	1	49	22.42	22.57	22.45		
20	QPSK	1	99	22.18	22.36	22.34		
20	QPSK	50	0	21.49	21.54	21.50	23	1
20	QPSK	50	24	21.46	21.44	21.49		
20	QPSK	50	50	21.37	21.40	21.40		
20	QPSK	100	0	21.37	21.42	21.40		
20	16QAM	1	0	21.47	21.92	21.93	23	1
20	16QAM	1	49	21.61	21.68	21.68		
20	16QAM	1	99	21.71	21.75	21.44		
20	16QAM	50	0	20.35	20.44	20.45	22	2
20	16QAM	50	24	20.47	20.48	20.46		
20	16QAM	50	50	20.36	20.31	20.38		
20	16QAM	100	0	20.41	20.38	20.37		
20	64QAM	1	0	20.60	20.37	20.42	22	2
20	64QAM	1	49	20.19	20.73	20.66		
20	64QAM	1	99	20.32	20.68	20.33		
20	64QAM	50	0	19.40	19.45	19.45	21	3
20	64QAM	50	24	19.38	19.42	19.45		
20	64QAM	50	50	19.39	19.30	19.35		
20	64QAM	100	0	19.33	19.36	19.35		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.34	22.48	22.44	24	0
15	QPSK	1	37	22.36	22.56	22.41		
15	QPSK	1	74	22.12	22.31	22.28		
15	QPSK	36	0	21.45	21.59	21.54	23	1
15	QPSK	36	20	21.40	21.51	21.54		
15	QPSK	36	39	21.43	21.31	21.34		
15	QPSK	75	0	21.47	21.48	21.43		
15	16QAM	1	0	21.55	21.92	21.95	23	1
15	16QAM	1	37	21.66	21.64	21.76		
15	16QAM	1	74	21.62	21.77	21.35		
15	16QAM	36	0	20.32	20.35	20.50	22	2
15	16QAM	36	20	20.50	20.38	20.54		
15	16QAM	36	39	20.33	20.23	20.46		
15	16QAM	75	0	20.44	20.43	20.30		
15	64QAM	1	0	20.62	20.45	20.43	22	2
15	64QAM	1	37	20.14	20.65	20.67		
15	64QAM	1	74	20.40	20.66	20.39		
15	64QAM	36	0	19.49	19.52	19.43	21	3
15	64QAM	36	20	19.35	19.42	19.39		
15	64QAM	36	39	19.31	19.32	19.26		
15	64QAM	75	0	19.36	19.32	19.39		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.36	22.32	22.42	24	0
10	QPSK	1	25	22.51	22.45	22.36		
10	QPSK	1	49	22.19	22.27	22.31		
10	QPSK	25	0	21.56	21.44	21.53	23	1
10	QPSK	25	12	21.45	21.36	21.55		
10	QPSK	25	25	21.43	21.47	21.50		
10	QPSK	50	0	21.45	21.33	21.37		
10	16QAM	1	0	21.53	22.02	21.91	23	1
10	16QAM	1	25	21.55	21.75	21.70		
10	16QAM	1	49	21.73	21.75	21.39		
10	16QAM	25	0	20.44	20.37	20.55	22	2
10	16QAM	25	12	20.51	20.54	20.38		
10	16QAM	25	25	20.34	20.28	20.33		
10	16QAM	50	0	20.44	20.28	20.31		
10	64QAM	1	0	20.63	20.30	20.48	22	2
10	64QAM	1	25	20.22	20.72	20.67		
10	64QAM	1	49	20.26	20.66	20.43		
10	64QAM	25	0	19.31	19.38	19.39	21	3
10	64QAM	25	12	19.28	19.46	19.55		
10	64QAM	25	25	19.49	19.39	19.27		
10	64QAM	50	0	19.40	19.28	19.28		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.31	22.43	22.51	24	0
5	QPSK	1	12	22.40	22.55	22.46		
5	QPSK	1	24	22.28	22.26	22.34		
5	QPSK	12	0	21.47	21.57	21.55	23	1
5	QPSK	12	7	21.40	21.36	21.41		
5	QPSK	12	13	21.41	21.45	21.47		
5	QPSK	25	0	21.44	21.48	21.34		
5	16QAM	1	0	21.49	21.94	21.86	23	1
5	16QAM	1	12	21.64	21.59	21.63		
5	16QAM	1	24	21.74	21.67	21.35		
5	16QAM	12	0	20.34	20.50	20.50	22	2
5	16QAM	12	7	20.53	20.50	20.52		
5	16QAM	12	13	20.33	20.22	20.46		
5	16QAM	25	0	20.37	20.44	20.38		
5	64QAM	1	0	20.69	20.28	20.46	22	2
5	64QAM	1	12	20.13	20.72	20.76		
5	64QAM	1	24	20.34	20.72	20.27		
5	64QAM	12	0	19.42	19.48	19.46	21	3
5	64QAM	12	7	19.36	19.48	19.45		
5	64QAM	12	13	19.29	19.34	19.36		
5	64QAM	25	0	19.23	19.46	19.41		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.42	22.31	22.49	24	0
3	QPSK	1	8	22.38	22.56	22.55		
3	QPSK	1	14	22.22	22.32	22.31		
3	QPSK	8	0	21.47	21.51	21.51	23	1
3	QPSK	8	4	21.47	21.54	21.51		
3	QPSK	8	7	21.32	21.37	21.39		
3	QPSK	15	0	21.28	21.52	21.31		
3	16QAM	1	0	21.50	21.83	21.91	23	1
3	16QAM	1	8	21.61	21.70	21.75		
3	16QAM	1	14	21.81	21.66	21.36		
3	16QAM	8	0	20.40	20.37	20.44	22	2
3	16QAM	8	4	20.55	20.49	20.42		
3	16QAM	8	7	20.31	20.36	20.46		
3	16QAM	15	0	20.45	20.46	20.27		
3	64QAM	1	0	20.63	20.32	20.37	22	2
3	64QAM	1	8	20.18	20.74	20.73		
3	64QAM	1	14	20.27	20.76	20.29		
3	64QAM	8	0	19.48	19.53	19.52	21	3
3	64QAM	8	4	19.40	19.34	19.39		
3	64QAM	8	7	19.38	19.21	19.29		
3	64QAM	15	0	19.40	19.32	19.35		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.50	22.44	22.43	24	0
1.4	QPSK	1	3	22.31	22.55	22.44		
1.4	QPSK	1	5	22.42	22.54	22.47		
1.4	QPSK	3	0	22.44	22.53	22.44		
1.4	QPSK	3	1	22.43	22.44	22.50		
1.4	QPSK	3	3	22.43	22.50	22.48		
1.4	QPSK	6	0	21.41	21.49	21.49	23	1
1.4	16QAM	1	0	21.60	21.67	21.39	23	1
1.4	16QAM	1	3	21.90	21.77	21.98		
1.4	16QAM	1	5	21.34	21.99	21.90		
1.4	16QAM	3	0	21.45	21.51	21.53		
1.4	16QAM	3	1	21.53	21.54	21.26		
1.4	16QAM	3	3	21.31	21.33	21.37		
1.4	16QAM	6	0	20.37	20.61	20.47	22	2
1.4	64QAM	1	0	20.22	20.22	20.74	22	2
1.4	64QAM	1	3	20.56	20.52	20.49		
1.4	64QAM	1	5	20.60	20.72	20.75		
1.4	64QAM	3	0	20.54	20.65	20.67		
1.4	64QAM	3	1	20.64	20.31	20.63		
1.4	64QAM	3	3	20.44	20.55	20.58		
1.4	64QAM	6	0	19.33	19.47	19.33	21	3

Band 2(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.99	22.98	23.00	24	0
20	QPSK	1	49	23.00	23.20	23.06		
20	QPSK	1	99	22.75	22.97	22.90		
20	QPSK	50	0	22.04	22.11	22.09	23	1
20	QPSK	50	24	22.03	22.03	22.03		
20	QPSK	50	50	21.92	22.01	21.98		
20	QPSK	100	0	21.93	22.02	21.95		
20	16QAM	1	0	22.04	22.48	22.50	23	1
20	16QAM	1	49	22.18	22.27	22.25		
20	16QAM	1	99	22.31	22.37	22.05		
20	16QAM	50	0	20.90	21.02	20.99	22	2
20	16QAM	50	24	21.06	21.04	21.03		
20	16QAM	50	50	20.91	20.86	20.92		
20	16QAM	100	0	20.98	20.95	20.89		
20	64QAM	1	0	21.13	20.92	20.96	22	2
20	64QAM	1	49	20.70	21.27	21.22		
20	64QAM	1	99	20.85	21.24	20.85		
20	64QAM	50	0	19.90	19.99	20.00	21	3
20	64QAM	50	24	19.89	19.98	19.99		
20	64QAM	50	50	19.91	19.83	19.87		
20	64QAM	100	0	19.86	19.88	19.86		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.04	23.08	22.93	24	0
15	QPSK	1	37	23.08	23.00	22.96		
15	QPSK	1	74	22.80	22.98	22.99		
15	QPSK	36	0	22.00	22.10	22.10	23	1
15	QPSK	36	20	22.04	22.09	22.12		
15	QPSK	36	39	21.85	22.07	21.90		
15	QPSK	75	0	21.97	22.07	21.95		
15	16QAM	1	0	21.95	22.41	22.48	23	1
15	16QAM	1	37	22.22	22.19	22.23		
15	16QAM	1	74	22.26	22.35	22.13		
15	16QAM	36	0	20.80	21.09	20.99	22	2
15	16QAM	36	20	21.14	21.05	21.08		
15	16QAM	36	39	20.88	20.87	20.96		
15	16QAM	75	0	21.02	20.95	20.96		
15	64QAM	1	0	21.21	21.02	20.98	22	2
15	64QAM	1	37	20.60	21.19	21.20		
15	64QAM	1	74	20.94	21.32	20.90		
15	64QAM	36	0	19.80	19.93	19.91	21	3
15	64QAM	36	20	19.90	20.01	19.91		
15	64QAM	36	39	19.96	19.86	19.78		
15	64QAM	75	0	19.83	19.95	19.84		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.93	22.98	23.03	24	0
10	QPSK	1	25	22.98	23.02	22.98		
10	QPSK	1	49	22.70	23.06	22.83		
10	QPSK	25	0	22.11	22.11	22.15	23	1
10	QPSK	25	12	21.98	22.06	22.02		
10	QPSK	25	25	21.89	22.10	22.07		
10	QPSK	50	0	21.96	22.06	21.98		
10	16QAM	1	0	21.99	22.56	22.47	23	1
10	16QAM	1	25	22.21	22.35	22.35		
10	16QAM	1	49	22.36	22.42	21.95		
10	16QAM	25	0	20.87	21.10	21.01	22	2
10	16QAM	25	12	21.07	21.00	21.08		
10	16QAM	25	25	20.89	20.86	20.98		
10	16QAM	50	0	20.88	20.86	20.94		
10	64QAM	1	0	21.06	20.87	20.88	22	2
10	64QAM	1	25	20.79	21.37	21.29		
10	64QAM	1	49	20.85	21.26	20.86		
10	64QAM	25	0	19.83	20.05	19.97	21	3
10	64QAM	25	12	19.82	19.92	20.06		
10	64QAM	25	25	19.84	19.81	19.96		
10	64QAM	50	0	19.78	19.86	19.96		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.90	22.96	23.00	24	0
5	QPSK	1	12	23.05	23.09	23.03		
5	QPSK	1	24	22.68	23.05	22.87		
5	QPSK	12	0	22.08	22.12	22.02	23	1
5	QPSK	12	7	22.03	22.04	21.94		
5	QPSK	12	13	21.85	22.00	21.88		
5	QPSK	25	0	21.98	21.92	22.01		
5	16QAM	1	0	22.13	22.52	22.48	23	1
5	16QAM	1	12	22.24	22.18	22.21		
5	16QAM	1	24	22.21	22.27	22.02		
5	16QAM	12	0	20.86	21.02	21.01	22	2
5	16QAM	12	7	21.04	20.94	20.95		
5	16QAM	12	13	20.96	20.88	20.96		
5	16QAM	25	0	20.93	20.86	20.92		
5	64QAM	1	0	21.08	21.00	21.04	22	2
5	64QAM	1	12	20.65	21.32	21.15		
5	64QAM	1	24	20.85	21.16	20.94		
5	64QAM	12	0	19.93	20.09	20.06	21	3
5	64QAM	12	7	19.84	19.97	20.09		
5	64QAM	12	13	19.92	19.84	19.90		
5	64QAM	25	0	19.78	19.84	19.89		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.90	23.03	23.00	24	0
3	QPSK	1	8	22.91	23.04	23.13		
3	QPSK	1	14	22.84	22.90	22.86		
3	QPSK	8	0	22.03	22.08	22.11	23	1
3	QPSK	8	4	22.13	21.94	21.96		
3	QPSK	8	7	21.88	22.03	22.04		
3	QPSK	15	0	22.03	21.93	22.01		
3	16QAM	1	0	22.13	22.52	22.59	23	1
3	16QAM	1	8	22.14	22.22	22.29		
3	16QAM	1	14	22.35	22.47	22.12		
3	16QAM	8	0	20.89	21.12	21.04	22	2
3	16QAM	8	4	21.00	21.08	21.13		
3	16QAM	8	7	20.91	20.88	21.00		
3	16QAM	15	0	21.08	20.86	20.89		
3	64QAM	1	0	21.12	20.93	21.03	22	2
3	64QAM	1	8	20.63	21.24	21.17		
3	64QAM	1	14	20.82	21.18	20.86		
3	64QAM	8	0	19.85	20.04	20.10	21	3
3	64QAM	8	4	19.99	20.02	19.90		
3	64QAM	8	7	19.84	19.93	19.91		
3	64QAM	15	0	19.93	19.98	19.91		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.13	23.04	23.03	24	0
1.4	QPSK	1	3	22.94	23.18	23.05		
1.4	QPSK	1	5	23.00	23.14	23.07		
1.4	QPSK	3	0	23.02	23.11	23.06		
1.4	QPSK	3	1	23.04	23.02	23.08		
1.4	QPSK	3	3	23.06	23.15	23.13		
1.4	QPSK	6	0	22.03	22.11	22.10	23	1
1.4	16QAM	1	0	22.17	22.27	22.01	23	1
1.4	16QAM	1	3	22.53	22.35	22.56		
1.4	16QAM	1	5	21.92	22.62	22.53		
1.4	16QAM	3	0	22.03	22.12	22.10		
1.4	16QAM	3	1	22.10	22.15	21.85		
1.4	16QAM	3	3	21.86	21.95	21.97		
1.4	16QAM	6	0	20.93	21.18	21.04	22	2
1.4	64QAM	1	0	20.80	20.82	21.34	22	2
1.4	64QAM	1	3	21.10	21.10	21.03		
1.4	64QAM	1	5	21.18	21.28	21.34		
1.4	64QAM	3	0	21.10	21.23	21.22		
1.4	64QAM	3	1	21.21	20.90	21.18		
1.4	64QAM	3	3	20.99	21.10	21.18		
1.4	64QAM	6	0	19.89	20.06	19.84	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.05	22.25	22.14	24	0
20	QPSK	1	49	22.23	22.38	22.25		
20	QPSK	1	99	22.05	22.09	22.10		
20	QPSK	50	0	21.20	21.33	21.26	23	1
20	QPSK	50	24	21.19	21.28	21.21		
20	QPSK	50	50	21.07	21.20	21.17		
20	QPSK	100	0	21.12	21.26	21.20		
20	16QAM	1	0	21.47	21.69	21.15	23	1
20	16QAM	1	49	21.09	21.37	21.78		
20	16QAM	1	99	21.57	21.63	21.56		
20	16QAM	50	0	20.22	20.35	20.17	22	2
20	16QAM	50	24	20.16	20.23	20.28		
20	16QAM	50	50	20.04	20.25	20.15		
20	16QAM	100	0	20.10	20.19	20.17		
20	64QAM	1	0	20.04	20.46	20.45	22	2
20	64QAM	1	49	20.20	20.26	20.08		
20	64QAM	1	99	20.05	20.29	20.42		
20	64QAM	50	0	19.11	19.27	19.17	21	3
20	64QAM	50	24	19.10	19.26	19.20		
20	64QAM	50	50	19.06	19.24	19.12		
20	64QAM	100	0	19.09	19.19	19.10		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.04	22.21	22.22	24	0
15	QPSK	1	37	22.06	22.32	22.12		
15	QPSK	1	74	22.01	22.03	22.06		
15	QPSK	36	0	21.19	21.43	21.23	23	1
15	QPSK	36	20	21.11	21.35	21.19		
15	QPSK	36	39	21.07	21.12	21.18		
15	QPSK	75	0	21.19	21.19	21.11		
15	16QAM	1	0	21.41	21.63	21.20	23	1
15	16QAM	1	37	21.18	21.28	21.84		
15	16QAM	1	74	21.62	21.66	21.55		
15	16QAM	36	0	20.18	20.33	20.09	22	2
15	16QAM	36	20	20.18	20.20	20.38		
15	16QAM	36	39	20.00	20.18	20.17		
15	16QAM	75	0	20.01	20.22	20.20		
15	64QAM	1	0	20.04	20.54	20.48	22	2
15	64QAM	1	37	20.14	20.34	20.14		
15	64QAM	1	74	20.10	20.37	20.38		
15	64QAM	36	0	19.07	19.35	19.07	21	3
15	64QAM	36	20	19.18	19.21	19.28		
15	64QAM	36	39	19.08	19.29	19.07		
15	64QAM	75	0	19.16	19.22	19.04		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.09	22.33	22.20	24	0
10	QPSK	1	25	22.22	22.30	22.12		
10	QPSK	1	49	22.06	22.12	22.04		
10	QPSK	25	0	21.20	21.39	21.27	23	1
10	QPSK	25	12	21.12	21.33	21.31		
10	QPSK	25	25	21.16	21.12	21.23		
10	QPSK	50	0	21.11	21.34	21.12		
10	16QAM	1	0	21.56	21.67	21.17	23	1
10	16QAM	1	25	21.03	21.40	21.86		
10	16QAM	1	49	21.61	21.67	21.63		
10	16QAM	25	0	20.22	20.31	20.09	22	2
10	16QAM	25	12	20.06	20.27	20.20		
10	16QAM	25	25	20.11	20.15	20.17		
10	16QAM	50	0	20.08	20.22	20.14		
10	64QAM	1	0	20.12	20.46	20.39	22	2
10	64QAM	1	25	20.10	20.28	20.05		
10	64QAM	1	49	20.00	20.28	20.50		
10	64QAM	25	0	19.04	19.36	19.26	21	3
10	64QAM	25	12	19.14	19.21	19.21		
10	64QAM	25	25	19.01	19.28	19.11		
10	64QAM	50	0	19.10	19.23	19.14		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.13	22.17	22.10	24	0
5	QPSK	1	12	22.13	22.24	22.05		
5	QPSK	1	24	22.11	22.19	22.08		
5	QPSK	12	0	21.22	21.28	21.18	23	1
5	QPSK	12	7	21.12	21.19	21.24		
5	QPSK	12	13	21.03	21.21	21.10		
5	QPSK	25	0	21.22	21.31	21.25		
5	16QAM	1	0	21.53	21.69	21.14	23	1
5	16QAM	1	12	21.02	21.45	21.75		
5	16QAM	1	24	21.67	21.61	21.66		
5	16QAM	12	0	20.21	20.44	20.22	22	2
5	16QAM	12	7	20.17	20.19	20.19		
5	16QAM	12	13	20.14	20.35	20.17		
5	16QAM	25	0	20.01	20.22	20.24		
5	64QAM	1	0	20.14	20.38	20.42	22	2
5	64QAM	1	12	20.22	20.20	20.15		
5	64QAM	1	24	20.13	20.34	20.35		
5	64QAM	12	0	19.06	19.35	19.12	21	3
5	64QAM	12	7	19.20	19.16	19.27		
5	64QAM	12	13	19.09	19.14	19.16		
5	64QAM	25	0	19.17	19.18	19.16		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.05	22.31	22.12	24	0
3	QPSK	1	8	22.16	22.26	22.20		
3	QPSK	1	14	22.06	22.09	22.03		
3	QPSK	8	0	21.19	21.41	21.31	23	1
3	QPSK	8	4	21.22	21.32	21.13		
3	QPSK	8	7	21.16	21.23	21.07		
3	QPSK	15	0	21.10	21.34	21.30		
3	16QAM	1	0	21.39	21.69	21.11	23	1
3	16QAM	1	8	21.03	21.32	21.71		
3	16QAM	1	14	21.53	21.62	21.54		
3	16QAM	8	0	20.27	20.33	20.16	22	2
3	16QAM	8	4	20.08	20.22	20.30		
3	16QAM	8	7	20.01	20.27	20.17		
3	16QAM	15	0	20.18	20.25	20.17		
3	64QAM	1	0	20.02	20.44	20.36	22	2
3	64QAM	1	8	20.15	20.19	20.08		
3	64QAM	1	14	20.02	20.36	20.46		
3	64QAM	8	0	19.18	19.34	19.24	21	3
3	64QAM	8	4	19.16	19.18	19.11		
3	64QAM	8	7	19.03	19.15	19.16		
3	64QAM	15	0	19.06	19.15	19.19		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.14	22.17	22.21	24	0
1.4	QPSK	1	3	22.24	22.21	22.13		
1.4	QPSK	1	5	22.12	22.14	22.10		
1.4	QPSK	3	0	22.09	22.24	22.25		
1.4	QPSK	3	1	22.05	22.27	22.25		
1.4	QPSK	3	3	22.01	22.19	22.22		
1.4	QPSK	6	0	21.15	21.25	21.13	23	1
1.4	16QAM	1	0	21.60	21.45	21.75	23	1
1.4	16QAM	1	3	21.28	21.71	21.46		
1.4	16QAM	1	5	21.54	21.20	21.62		
1.4	16QAM	3	0	21.04	21.31	21.06		
1.4	16QAM	3	1	21.04	21.18	21.15		
1.4	16QAM	3	3	21.13	21.20	21.23		
1.4	16QAM	6	0	20.02	20.14	20.18	22	2
1.4	64QAM	1	0	20.34	20.53	20.19	22	2
1.4	64QAM	1	3	20.17	20.02	20.23		
1.4	64QAM	1	5	20.28	20.29	20.47		
1.4	64QAM	3	0	20.26	20.43	20.46		
1.4	64QAM	3	1	20.02	20.31	20.39		
1.4	64QAM	3	3	20.13	20.32	20.34		
1.4	64QAM	6	0	19.05	19.14	19.14	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.37	22.42	22.27	24	0
20	QPSK	1	49	22.48	22.55	22.42		
20	QPSK	1	99	22.19	22.28	22.17		
20	QPSK	50	0	21.47	21.48	21.42	23	1
20	QPSK	50	24	21.46	21.43	21.36		
20	QPSK	50	50	21.41	21.40	21.32		
20	QPSK	100	0	21.38	21.43	21.40		
20	16QAM	1	0	21.85	21.53	21.27	23	1
20	16QAM	1	49	21.84	21.40	21.45		
20	16QAM	1	99	21.29	21.45	21.42		
20	16QAM	50	0	20.37	20.37	20.39	22	2
20	16QAM	50	24	20.41	20.40	20.34		
20	16QAM	50	50	20.39	20.43	20.31		
20	16QAM	100	0	20.31	20.37	20.32		
20	64QAM	1	0	20.44	20.36	20.57	22	2
20	64QAM	1	49	20.09	20.56	20.57		
20	64QAM	1	99	20.49	20.20	20.31		
20	64QAM	50	0	19.39	19.38	19.36	21	3
20	64QAM	50	24	19.39	19.35	19.33		
20	64QAM	50	50	19.37	19.33	19.30		
20	64QAM	100	0	19.34	19.40	19.26		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.34	22.44	22.28	24	0
15	QPSK	1	37	22.30	22.48	22.32		
15	QPSK	1	74	22.15	22.36	22.21		
15	QPSK	36	0	21.37	21.48	21.49	23	1
15	QPSK	36	20	21.46	21.50	21.33		
15	QPSK	36	39	21.32	21.49	21.27		
15	QPSK	75	0	21.30	21.37	21.44		
15	16QAM	1	0	21.91	21.57	21.17	23	1
15	16QAM	1	37	21.74	21.45	21.48		
15	16QAM	1	74	21.30	21.55	21.50		
15	16QAM	36	0	20.42	20.46	20.31	22	2
15	16QAM	36	20	20.47	20.50	20.35		
15	16QAM	36	39	20.46	20.39	20.36		
15	16QAM	75	0	20.36	20.32	20.29		
15	64QAM	1	0	20.44	20.37	20.60	22	2
15	64QAM	1	37	20.03	20.52	20.55		
15	64QAM	1	74	20.50	20.27	20.24		
15	64QAM	36	0	19.41	19.30	19.43	21	3
15	64QAM	36	20	19.46	19.39	19.35		
15	64QAM	36	39	19.47	19.26	19.34		
15	64QAM	75	0	19.40	19.36	19.33		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.36	22.35	22.37	24	0
10	QPSK	1	25	22.35	22.53	22.29		
10	QPSK	1	49	22.21	22.19	22.25		
10	QPSK	25	0	21.55	21.47	21.33	23	1
10	QPSK	25	12	21.53	21.41	21.45		
10	QPSK	25	25	21.42	21.36	21.37		
10	QPSK	50	0	21.39	21.39	21.43		
10	16QAM	1	0	21.79	21.62	21.19	23	1
10	16QAM	1	25	21.81	21.34	21.40		
10	16QAM	1	49	21.36	21.37	21.42		
10	16QAM	25	0	20.41	20.30	20.46	22	2
10	16QAM	25	12	20.42	20.32	20.35		
10	16QAM	25	25	20.35	20.38	20.32		
10	16QAM	50	0	20.27	20.35	20.24		
10	64QAM	1	0	20.52	20.30	20.65	22	2
10	64QAM	1	25	20.00	20.65	20.59		
10	64QAM	1	49	20.51	20.14	20.30		
10	64QAM	25	0	19.39	19.44	19.29	21	3
10	64QAM	25	12	19.47	19.37	19.40		
10	64QAM	25	25	19.46	19.25	19.32		
10	64QAM	50	0	19.26	19.39	19.35		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.36	22.43	22.18	24	0
5	QPSK	1	12	22.31	22.36	22.32		
5	QPSK	1	24	22.10	22.21	22.11		
5	QPSK	12	0	21.43	21.56	21.44	23	1
5	QPSK	12	7	21.53	21.37	21.31		
5	QPSK	12	13	21.46	21.50	21.29		
5	QPSK	25	0	21.34	21.35	21.50		
5	16QAM	1	0	21.88	21.47	21.32	23	1
5	16QAM	1	12	21.85	21.46	21.37		
5	16QAM	1	24	21.28	21.43	21.34		
5	16QAM	12	0	20.34	20.46	20.46	22	2
5	16QAM	12	7	20.49	20.47	20.42		
5	16QAM	12	13	20.41	20.36	20.23		
5	16QAM	25	0	20.39	20.47	20.27		
5	64QAM	1	0	20.42	20.44	20.54	22	2
5	64QAM	1	12	20.02	20.53	20.50		
5	64QAM	1	24	20.50	20.25	20.36		
5	64QAM	12	0	19.33	19.37	19.46	21	3
5	64QAM	12	7	19.33	19.34	19.43		
5	64QAM	12	13	19.39	19.23	19.32		
5	64QAM	25	0	19.33	19.32	19.33		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.47	22.52	22.34	24	0
3	QPSK	1	8	22.29	22.44	22.36		
3	QPSK	1	14	22.28	22.37	22.11		
3	QPSK	8	0	21.38	21.43	21.44	23	1
3	QPSK	8	4	21.49	21.50	21.46		
3	QPSK	8	7	21.45	21.41	21.37		
3	QPSK	15	0	21.36	21.51	21.47		
3	16QAM	1	0	21.94	21.62	21.22	23	1
3	16QAM	1	8	21.74	21.46	21.35		
3	16QAM	1	14	21.22	21.38	21.52		
3	16QAM	8	0	20.33	20.38	20.31	22	2
3	16QAM	8	4	20.50	20.49	20.38		
3	16QAM	8	7	20.45	20.42	20.35		
3	16QAM	15	0	20.36	20.36	20.22		
3	64QAM	1	0	20.37	20.40	20.58	22	2
3	64QAM	1	8	20.15	20.64	20.61		
3	64QAM	1	14	20.53	20.29	20.40		
3	64QAM	8	0	19.34	19.34	19.32	21	3
3	64QAM	8	4	19.38	19.45	19.24		
3	64QAM	8	7	19.35	19.29	19.28		
3	64QAM	15	0	19.25	19.33	19.19		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.41	22.52	22.29	24	0
1.4	QPSK	1	3	22.25	22.54	22.46		
1.4	QPSK	1	5	22.44	22.43	22.36		
1.4	QPSK	3	0	22.33	22.40	22.42		
1.4	QPSK	3	1	22.33	22.49	22.35		
1.4	QPSK	3	3	22.44	22.44	22.35		
1.4	QPSK	6	0	21.47	21.49	21.41	23	1
1.4	16QAM	1	0	22.00	21.49	21.52	23	1
1.4	16QAM	1	3	21.60	21.55	21.94		
1.4	16QAM	1	5	21.86	21.93	21.84		
1.4	16QAM	3	0	21.40	21.41	21.26		
1.4	16QAM	3	1	21.36	21.39	21.50		
1.4	16QAM	3	3	21.27	21.43	21.42		
1.4	16QAM	6	0	20.42	20.61	20.40	22	2
1.4	64QAM	1	0	20.40	20.44	20.60	22	2
1.4	64QAM	1	3	20.49	20.35	20.09		
1.4	64QAM	1	5	20.50	20.59	20.51		
1.4	64QAM	3	0	20.41	20.57	20.48		
1.4	64QAM	3	1	20.46	20.61	20.24		
1.4	64QAM	3	3	20.39	20.43	20.60		
1.4	64QAM	6	0	19.23	19.33	19.31	21	3

Band 4(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.96	23.09	22.97	24	0
20	QPSK	1	49	23.11	23.18	23.05		
20	QPSK	1	99	22.99	23.13	22.96		
20	QPSK	50	0	21.97	22.15	21.97	23	1
20	QPSK	50	24	21.86	22.01	21.94		
20	QPSK	50	50	21.82	22.12	21.91		
20	QPSK	100	0	21.86	22.04	21.95		
20	16QAM	1	0	21.90	22.10	21.96	23	1
20	16QAM	1	49	21.84	22.03	21.88		
20	16QAM	1	99	21.83	22.01	21.94		
20	16QAM	50	0	20.88	21.14	20.89	22	2
20	16QAM	50	24	20.83	21.10	20.94		
20	16QAM	50	50	20.94	21.14	20.89		
20	16QAM	100	0	20.93	21.02	20.84		
20	64QAM	1	0	20.87	21.11	20.85	22	2
20	64QAM	1	49	20.91	21.06	20.96		
20	64QAM	1	99	20.89	21.11	20.94		
20	64QAM	50	0	19.92	20.03	19.94	21	3
20	64QAM	50	24	19.92	20.14	19.95		
20	64QAM	50	50	19.90	20.13	19.87		
20	64QAM	100	0	19.85	20.02	19.91		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.03	23.05	23.06	24	0
15	QPSK	1	37	23.08	23.17	23.03		
15	QPSK	1	74	22.98	23.00	23.08		
15	QPSK	36	0	22.07	22.09	22.11	23	1
15	QPSK	36	20	21.86	21.87	21.94		
15	QPSK	36	39	22.00	22.00	22.09		
15	QPSK	75	0	22.00	21.91	21.90		
15	16QAM	1	0	22.00	21.99	22.04	23	1
15	16QAM	1	37	22.00	21.93	21.90		
15	16QAM	1	74	21.89	21.89	21.94		
15	16QAM	36	0	21.07	21.00	21.03	22	2
15	16QAM	36	20	21.06	21.08	21.07		
15	16QAM	36	39	21.05	21.01	21.07		
15	16QAM	75	0	21.01	20.94	20.88		
15	64QAM	1	0	21.06	21.07	20.96	22	2
15	64QAM	1	37	20.96	21.03	20.92		
15	64QAM	1	74	21.09	20.99	21.08		
15	64QAM	36	0	19.88	19.95	19.91	21	3
15	64QAM	36	20	20.13	20.01	20.04		
15	64QAM	36	39	20.03	19.99	20.09		
15	64QAM	75	0	19.98	19.99	19.98		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.06	22.96	23.01	24	0
10	QPSK	1	25	23.07	23.05	23.06		
10	QPSK	1	49	23.02	23.04	22.99		
10	QPSK	25	0	22.01	22.10	22.01	23	1
10	QPSK	25	12	21.88	21.88	21.92		
10	QPSK	25	25	22.04	22.09	22.01		
10	QPSK	50	0	21.94	21.93	22.00		
10	16QAM	1	0	21.95	22.01	22.03	23	1
10	16QAM	1	25	21.97	21.98	21.97		
10	16QAM	1	49	21.98	21.98	22.00		
10	16QAM	25	0	21.03	21.02	21.03	22	2
10	16QAM	25	12	21.03	21.05	21.09		
10	16QAM	25	25	21.06	21.11	21.07		
10	16QAM	50	0	20.90	20.98	20.89		
10	64QAM	1	0	21.07	21.07	21.06	22	2
10	64QAM	1	25	20.91	21.00	21.02		
10	64QAM	1	49	21.01	21.10	21.01		
10	64QAM	25	0	19.88	19.93	19.98	21	3
10	64QAM	25	12	20.10	20.12	20.02		
10	64QAM	25	25	20.00	20.06	20.10		
10	64QAM	50	0	19.99	19.98	19.87		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.08	23.07	23.05	24	0
5	QPSK	1	12	23.12	23.14	23.11		
5	QPSK	1	24	23.05	22.99	23.03		
5	QPSK	12	0	22.09	22.04	22.01	23	1
5	QPSK	12	7	21.94	21.89	21.91		
5	QPSK	12	13	22.08	22.07	22.08		
5	QPSK	25	0	21.93	21.89	21.99		
5	16QAM	1	0	21.96	22.04	22.07	23	1
5	16QAM	1	12	21.88	21.90	21.94		
5	16QAM	1	24	21.87	21.88	21.93		
5	16QAM	12	0	21.01	21.00	21.01	22	2
5	16QAM	12	7	21.07	21.00	20.98		
5	16QAM	12	13	20.99	21.08	21.13		
5	16QAM	25	0	20.95	20.97	20.98		
5	64QAM	1	0	20.96	20.96	20.97	22	2
5	64QAM	1	12	20.97	21.05	20.98		
5	64QAM	1	24	21.06	20.99	21.08		
5	64QAM	12	0	19.97	19.89	19.91	21	3
5	64QAM	12	7	20.05	20.08	20.02		
5	64QAM	12	13	19.98	20.04	20.01		
5	64QAM	25	0	19.87	19.91	19.91		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.97	23.06	23.06	24	0
3	QPSK	1	8	23.13	23.12	23.11		
3	QPSK	1	14	23.11	23.03	23.12		
3	QPSK	8	0	22.07	22.12	22.05	23	1
3	QPSK	8	4	21.97	21.97	21.92		
3	QPSK	8	7	22.09	22.09	22.01		
3	QPSK	15	0	22.02	21.92	21.95		
3	16QAM	1	0	21.95	21.97	21.99	23	1
3	16QAM	1	8	21.94	22.00	21.92		
3	16QAM	1	14	21.89	21.88	21.88		
3	16QAM	8	0	21.09	21.07	21.05	22	2
3	16QAM	8	4	21.07	21.04	21.05		
3	16QAM	8	7	21.06	21.09	21.00		
3	16QAM	15	0	20.88	20.89	20.92		
3	64QAM	1	0	21.02	21.09	21.10	22	2
3	64QAM	1	8	21.02	20.97	20.96		
3	64QAM	1	14	21.04	20.96	21.09		
3	64QAM	8	0	19.89	19.91	20.00	21	3
3	64QAM	8	4	20.06	20.09	20.09		
3	64QAM	8	7	20.00	19.99	19.99		
3	64QAM	15	0	19.90	20.01	19.90		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.79	22.84	22.83	24	0
1.4	QPSK	1	3	22.88	22.87	22.78		
1.4	QPSK	1	5	22.77	22.64	22.69		
1.4	QPSK	3	0	22.65	22.69	22.71		
1.4	QPSK	3	1	22.82	22.75	22.81		
1.4	QPSK	3	3	22.67	22.71	22.65		
1.4	QPSK	6	0	21.82	21.75	21.77	23	1
1.4	16QAM	1	0	21.69	21.80	21.83	23	1
1.4	16QAM	1	3	21.76	21.80	21.87		
1.4	16QAM	1	5	22.27	22.27	22.16		
1.4	16QAM	3	0	21.73	21.70	21.64		
1.4	16QAM	3	1	21.73	21.70	21.72		
1.4	16QAM	3	3	21.72	21.63	21.75		
1.4	16QAM	6	0	20.86	20.93	20.81	22	2
1.4	64QAM	1	0	20.67	20.74	20.78	22	2
1.4	64QAM	1	3	20.59	20.56	20.62		
1.4	64QAM	1	5	20.86	20.92	20.92		
1.4	64QAM	3	0	20.83	20.82	20.89		
1.4	64QAM	3	1	20.92	20.88	20.95		
1.4	64QAM	3	3	20.73	20.65	20.65		
1.4	64QAM	6	0	19.59	19.67	19.66	21	3

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	21.18	21.24	21.26	23	0
20	QPSK	1	49	21.29	21.37	21.27		
20	QPSK	1	99	21.09	21.06	21.04		
20	QPSK	50	0	20.35	20.38	20.30	22	1
20	QPSK	50	24	20.28	20.34	20.26		
20	QPSK	50	50	20.27	20.28	20.21		
20	QPSK	100	0	20.25	20.26	20.25		
20	16QAM	1	0	20.69	20.73	20.69	22	1
20	16QAM	1	49	20.59	20.38	20.28		
20	16QAM	1	99	20.63	20.00	20.55		
20	16QAM	50	0	19.21	19.26	19.33	21	2
20	16QAM	50	24	19.17	19.32	19.25		
20	16QAM	50	50	19.25	19.28	19.22		
20	16QAM	100	0	19.18	19.24	19.14		
20	64QAM	1	0	19.48	19.21	19.08	21	2
20	64QAM	1	49	19.13	19.46	19.52		
20	64QAM	1	99	19.17	19.36	19.37		
20	64QAM	50	0	18.18	18.28	18.23	20	3
20	64QAM	50	24	18.24	18.28	18.20		
20	64QAM	50	50	18.24	18.19	18.22		
20	64QAM	100	0	18.18	18.23	18.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.17	21.32	21.21	23	0
15	QPSK	1	37	21.22	21.19	21.25		
15	QPSK	1	74	21.00	21.07	21.00		
15	QPSK	36	0	20.44	20.31	20.24	22	1
15	QPSK	36	20	20.22	20.42	20.25		
15	QPSK	36	39	20.37	20.25	20.28		
15	QPSK	75	0	20.30	20.18	20.33		
15	16QAM	1	0	20.63	20.74	20.62	22	1
15	16QAM	1	37	20.58	20.45	20.25		
15	16QAM	1	74	20.61	20.08	20.59		
15	16QAM	36	0	19.12	19.32	19.33	21	2
15	16QAM	36	20	19.08	19.36	19.31		
15	16QAM	36	39	19.17	19.19	19.22		
15	16QAM	75	0	19.20	19.25	19.20		
15	64QAM	1	0	19.48	19.26	19.02	21	2
15	64QAM	1	37	19.06	19.37	19.49		
15	64QAM	1	74	19.07	19.43	19.36		
15	64QAM	36	0	18.22	18.28	18.23	20	3
15	64QAM	36	20	18.21	18.28	18.30		
15	64QAM	36	39	18.22	18.24	18.24		
15	64QAM	75	0	18.12	18.28	18.19		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.09	21.34	21.29	23	0
10	QPSK	1	25	21.15	21.23	21.36		
10	QPSK	1	49	21.01	21.09	21.10		
10	QPSK	25	0	20.26	20.44	20.33	22	1
10	QPSK	25	12	20.22	20.41	20.33		
10	QPSK	25	25	20.18	20.18	20.18		
10	QPSK	50	0	20.19	20.21	20.22		
10	16QAM	1	0	20.59	20.78	20.60	22	1
10	16QAM	1	25	20.54	20.48	20.21		
10	16QAM	1	49	20.65	20.07	20.47		
10	16QAM	25	0	19.18	19.33	19.35	21	2
10	16QAM	25	12	19.23	19.31	19.21		
10	16QAM	25	25	19.21	19.32	19.15		
10	16QAM	50	0	19.17	19.16	19.20		
10	64QAM	1	0	19.39	19.12	19.03	21	2
10	64QAM	1	25	19.20	19.54	19.45		
10	64QAM	1	49	19.20	19.39	19.39		
10	64QAM	25	0	18.19	18.32	18.23	20	3
10	64QAM	25	12	18.25	18.24	18.19		
10	64QAM	25	25	18.16	18.19	18.19		
10	64QAM	50	0	18.23	18.31	18.11		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.20	21.26	21.20	23	0
5	QPSK	1	12	21.28	21.31	21.25		
5	QPSK	1	24	21.11	21.07	21.10		
5	QPSK	12	0	20.42	20.38	20.36	22	1
5	QPSK	12	7	20.34	20.43	20.23		
5	QPSK	12	13	20.30	20.31	20.29		
5	QPSK	25	0	20.26	20.32	20.25		
5	16QAM	1	0	20.72	20.63	20.77	22	1
5	16QAM	1	12	20.50	20.41	20.37		
5	16QAM	1	24	20.64	20.01	20.47		
5	16QAM	12	0	19.19	19.30	19.36	21	2
5	16QAM	12	7	19.22	19.33	19.22		
5	16QAM	12	13	19.33	19.30	19.26		
5	16QAM	25	0	19.11	19.16	19.06		
5	64QAM	1	0	19.44	19.21	19.02	21	2
5	64QAM	1	12	19.19	19.56	19.42		
5	64QAM	1	24	19.12	19.27	19.30		
5	64QAM	12	0	18.24	18.21	18.13	20	3
5	64QAM	12	7	18.22	18.30	18.12		
5	64QAM	12	13	18.20	18.23	18.21		
5	64QAM	25	0	18.21	18.29	18.29		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.10	21.23	21.24	23	0
3	QPSK	1	8	21.18	21.35	21.21		
3	QPSK	1	14	21.15	21.10	21.05		
3	QPSK	8	0	20.32	20.37	20.27	22	1
3	QPSK	8	4	20.25	20.35	20.24		
3	QPSK	8	7	20.26	20.19	20.18		
3	QPSK	15	0	20.15	20.22	20.32		
3	16QAM	1	0	20.79	20.78	20.69	22	1
3	16QAM	1	8	20.52	20.37	20.23		
3	16QAM	1	14	20.73	20.05	20.48		
3	16QAM	8	0	19.27	19.21	19.23	21	2
3	16QAM	8	4	19.17	19.40	19.25		
3	16QAM	8	7	19.26	19.20	19.21		
3	16QAM	15	0	19.23	19.24	19.09		
3	64QAM	1	0	19.40	19.25	19.09	21	2
3	64QAM	1	8	19.18	19.44	19.60		
3	64QAM	1	14	19.11	19.43	19.31		
3	64QAM	8	0	18.10	18.24	18.20	20	3
3	64QAM	8	4	18.31	18.19	18.21		
3	64QAM	8	7	18.30	18.25	18.12		
3	64QAM	15	0	18.09	18.25	18.29		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.09	21.16	21.28	23	0
1.4	QPSK	1	3	21.13	21.19	21.18		
1.4	QPSK	1	5	21.23	21.29	21.31		
1.4	QPSK	3	0	21.17	21.26	21.20		
1.4	QPSK	3	1	21.20	21.31	21.22		
1.4	QPSK	3	3	21.25	21.25	21.13		
1.4	QPSK	6	0	20.13	20.28	20.17	22	1
1.4	16QAM	1	0	20.35	20.57	20.67	22	1
1.4	16QAM	1	3	20.39	20.68	20.22		
1.4	16QAM	1	5	20.66	20.40	20.35		
1.4	16QAM	3	0	20.26	20.32	20.15		
1.4	16QAM	3	1	20.18	20.25	20.24		
1.4	16QAM	3	3	20.02	20.34	20.29		
1.4	16QAM	6	0	19.31	19.20	19.19	21	2
1.4	64QAM	1	0	19.19	19.26	19.48	21	2
1.4	64QAM	1	3	19.20	19.31	19.38		
1.4	64QAM	1	5	19.21	19.50	19.44		
1.4	64QAM	3	0	19.12	19.33	19.37		
1.4	64QAM	3	1	19.21	19.30	19.35		
1.4	64QAM	3	3	19.29	19.07	19.26		
1.4	64QAM	6	0	18.14	18.24	18.13	20	3

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.50	22.52	22.47	24	0
10	QPSK	1	25	22.64	22.68	22.51		
10	QPSK	1	49	22.50	22.48	22.32		
10	QPSK	25	0	21.56	21.60	21.51	23	1
10	QPSK	25	12	21.52	21.56	21.47		
10	QPSK	25	25	21.46	21.51	21.49		
10	QPSK	50	0	21.56	21.59	21.53		
10	16QAM	1	0	21.75	21.59	21.39	23	1
10	16QAM	1	25	21.82	22.12	21.36		
10	16QAM	1	49	21.97	21.83	21.30		
10	16QAM	25	0	20.54	20.55	20.54	22	2
10	16QAM	25	12	20.52	20.58	20.42		
10	16QAM	25	25	20.41	20.54	20.57		
10	16QAM	50	0	20.55	20.58	20.49		
10	64QAM	1	0	20.47	20.87	20.28	22	2
10	64QAM	1	25	20.81	20.76	20.74		
10	64QAM	1	49	20.45	20.85	20.36		
10	64QAM	25	0	19.57	19.46	19.47	21	3
10	64QAM	25	12	19.43	19.58	19.39		
10	64QAM	25	25	19.49	19.53	19.41		
10	64QAM	50	0	19.49	19.51	19.51		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.55	22.47	22.45	24	0
5	QPSK	1	12	22.61	22.64	22.53		
5	QPSK	1	24	22.40	22.53	22.36		
5	QPSK	12	0	21.61	21.54	21.58	23	1
5	QPSK	12	7	21.51	21.57	21.51		
5	QPSK	12	13	21.48	21.57	21.54		
5	QPSK	25	0	21.63	21.65	21.47		
5	16QAM	1	0	21.67	21.66	21.46	23	1
5	16QAM	1	12	21.84	22.09	21.27		
5	16QAM	1	24	21.87	21.93	21.33		
5	16QAM	12	0	20.55	20.55	20.46	22	2
5	16QAM	12	7	20.59	20.61	20.52		
5	16QAM	12	13	20.33	20.61	20.54		
5	16QAM	25	0	20.57	20.52	20.48		
5	64QAM	1	0	20.38	20.84	20.23	22	2
5	64QAM	1	12	20.72	20.69	20.73		
5	64QAM	1	24	20.44	20.95	20.46		
5	64QAM	12	0	19.67	19.37	19.40	21	3
5	64QAM	12	7	19.49	19.53	19.48		
5	64QAM	12	13	19.46	19.53	19.31		
5	64QAM	25	0	19.51	19.43	19.56		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.48	22.51	22.39	24	0
3	QPSK	1	8	22.57	22.48	22.41		
3	QPSK	1	14	22.51	22.52	22.31		
3	QPSK	8	0	21.47	21.62	21.54	23	1
3	QPSK	8	4	21.60	21.65	21.45		
3	QPSK	8	7	21.36	21.53	21.44		
3	QPSK	15	0	21.60	21.55	21.50		
3	16QAM	1	0	21.85	21.53	21.43	23	1
3	16QAM	1	8	21.84	22.13	21.29		
3	16QAM	1	14	21.91	21.89	21.40		
3	16QAM	8	0	20.59	20.49	20.57	22	2
3	16QAM	8	4	20.50	20.68	20.44		
3	16QAM	8	7	20.38	20.44	20.62		
3	16QAM	15	0	20.49	20.50	20.47		
3	64QAM	1	0	20.48	20.80	20.38	22	2
3	64QAM	1	8	20.81	20.85	20.72		
3	64QAM	1	14	20.50	20.80	20.46		
3	64QAM	8	0	19.62	19.53	19.37	21	3
3	64QAM	8	4	19.48	19.60	19.32		
3	64QAM	8	7	19.47	19.59	19.31		
3	64QAM	15	0	19.44	19.44	19.44		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.49	22.37	22.26	24	0
1.4	QPSK	1	3	22.62	22.42	22.22		
1.4	QPSK	1	5	22.46	22.56	22.34		
1.4	QPSK	3	0	22.57	22.45	22.36		
1.4	QPSK	3	1	22.63	22.55	22.34		
1.4	QPSK	3	3	22.63	22.54	22.43		
1.4	QPSK	6	0	21.57	21.55	21.34	23	1
1.4	16QAM	1	0	21.92	21.66	21.47	23	1
1.4	16QAM	1	3	22.17	21.64	21.39		
1.4	16QAM	1	5	21.81	21.66	21.56		
1.4	16QAM	3	0	21.64	21.55	21.40		
1.4	16QAM	3	1	21.64	21.40	21.20		
1.4	16QAM	3	3	21.66	21.50	21.44		
1.4	16QAM	6	0	20.83	20.74	20.41	22	2
1.4	64QAM	1	0	20.62	20.31	20.43	22	2
1.4	64QAM	1	3	20.72	20.74	20.56		
1.4	64QAM	1	5	20.72	20.28	20.36		
1.4	64QAM	3	0	20.80	20.53	20.38		
1.4	64QAM	3	1	20.62	20.51	20.54		
1.4	64QAM	3	3	20.60	20.71	20.61		
1.4	64QAM	6	0	19.51	19.42	19.27	21	3

Band 5_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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.14	22.08	22.14	24	0
10	QPSK	1	25	22.28	22.35	22.20		
10	QPSK	1	49	22.24	22.16	22.17		
10	QPSK	25	0	21.26	21.32	21.30	23	1
10	QPSK	25	12	21.22	21.23	21.21		
10	QPSK	25	25	21.20	21.24	21.25		
10	QPSK	50	0	21.27	21.30	21.28		
10	16QAM	1	0	21.23	21.79	21.39	23	1
10	16QAM	1	25	21.36	21.81	21.10		
10	16QAM	1	49	21.48	21.76	21.33		
10	16QAM	25	0	20.24	20.22	20.21	22	2
10	16QAM	25	12	20.25	20.17	20.14		
10	16QAM	25	25	20.13	20.24	20.19		
10	16QAM	50	0	20.14	20.24	20.23		
10	64QAM	1	0	20.15	20.24	20.37	22	2
10	64QAM	1	25	20.49	20.51	20.48		
10	64QAM	1	49	20.41	20.44	20.39		
10	64QAM	25	0	19.15	19.24	19.32	21	3
10	64QAM	25	12	19.16	19.20	19.15		
10	64QAM	25	25	19.26	19.14	19.22		
10	64QAM	50	0	19.17	19.22	19.17		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.19	22.06	22.08	24	0
5	QPSK	1	12	22.20	22.24	22.19		
5	QPSK	1	24	22.24	22.23	22.23		
5	QPSK	12	0	21.29	21.29	21.36	23	1
5	QPSK	12	7	21.24	21.19	21.18		
5	QPSK	12	13	21.27	21.29	21.24		
5	QPSK	25	0	21.26	21.37	21.37		
5	16QAM	1	0	21.19	21.88	21.36	23	1
5	16QAM	1	12	21.46	21.80	21.16		
5	16QAM	1	24	21.40	21.73	21.25		
5	16QAM	12	0	20.27	20.29	20.21	22	2
5	16QAM	12	7	20.34	20.11	20.20		
5	16QAM	12	13	20.21	20.32	20.21		
5	16QAM	25	0	20.24	20.29	20.27		
5	64QAM	1	0	20.24	20.29	20.27	22	2
5	64QAM	1	12	20.42	20.43	20.46		
5	64QAM	1	24	20.47	20.51	20.29		
5	64QAM	12	0	19.11	19.23	19.31	21	3
5	64QAM	12	7	19.09	19.15	19.17		
5	64QAM	12	13	19.32	19.10	19.29		
5	64QAM	25	0	19.10	19.15	19.24		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.19	22.07	22.23	24	0
3	QPSK	1	8	22.17	22.06	22.29		
3	QPSK	1	14	22.14	22.26	22.20		
3	QPSK	8	0	21.17	21.23	21.20	23	1
3	QPSK	8	4	21.29	21.21	21.16		
3	QPSK	8	7	21.11	21.15	21.26		
3	QPSK	15	0	21.31	21.22	21.25		
3	16QAM	1	0	21.14	21.72	21.36	23	1
3	16QAM	1	8	21.42	21.77	21.15		
3	16QAM	1	14	21.45	21.67	21.25		
3	16QAM	8	0	20.18	20.15	20.26	22	2
3	16QAM	8	4	20.24	20.20	20.14		
3	16QAM	8	7	20.13	20.15	20.27		
3	16QAM	15	0	20.11	20.32	20.23		
3	64QAM	1	0	20.17	20.30	20.42	22	2
3	64QAM	1	8	20.43	20.59	20.46		
3	64QAM	1	14	20.37	20.46	20.41		
3	64QAM	8	0	19.18	19.13	19.41	21	3
3	64QAM	8	4	19.08	19.28	19.13		
3	64QAM	8	7	19.32	19.08	19.28		
3	64QAM	15	0	19.14	19.29	19.20		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.09	22.08	22.11	24	0
1.4	QPSK	1	3	22.35	22.12	22.08		
1.4	QPSK	1	5	22.11	22.26	22.34		
1.4	QPSK	3	0	22.26	22.23	22.24		
1.4	QPSK	3	1	22.17	22.20	22.23		
1.4	QPSK	3	3	22.14	22.27	22.31		
1.4	QPSK	6	0	21.26	21.16	21.21	23	1
1.4	16QAM	1	0	21.43	21.55	21.60	23	1
1.4	16QAM	1	3	21.40	21.71	21.18		
1.4	16QAM	1	5	21.82	21.78	21.64		
1.4	16QAM	3	0	21.22	21.06	21.27		
1.4	16QAM	3	1	21.10	21.15	21.20		
1.4	16QAM	3	3	21.25	21.27	21.13		
1.4	16QAM	6	0	20.27	20.35	20.29	22	2
1.4	64QAM	1	0	20.48	20.35	20.50	22	2
1.4	64QAM	1	3	20.47	20.52	20.15		
1.4	64QAM	1	5	20.21	20.23	20.25		
1.4	64QAM	3	0	20.40	20.29	20.37		
1.4	64QAM	3	1	20.38	20.01	20.45		
1.4	64QAM	3	3	20.32	20.19	20.51		
1.4	64QAM	6	0	19.29	19.13	19.16	21	3

Band 7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.22	22.32	22.22	24	0
20	QPSK	1	49	22.38	22.47	22.43		
20	QPSK	1	99	22.30	22.37	22.42		
20	QPSK	50	0	21.38	21.46	21.43	23	1
20	QPSK	50	24	21.32	21.35	21.40		
20	QPSK	50	50	21.24	21.43	21.42		
20	QPSK	100	0	21.26	21.40	21.33		
20	16QAM	1	0	21.71	21.73	21.15	23	1
20	16QAM	1	49	21.39	21.64	21.56		
20	16QAM	1	99	21.72	21.55	21.69		
20	16QAM	50	0	20.25	20.40	20.34	22	2
20	16QAM	50	24	20.31	20.33	20.40		
20	16QAM	50	50	20.22	20.44	20.45		
20	16QAM	100	0	20.29	20.43	20.29		
20	64QAM	1	0	20.36	20.19	20.24	22	2
20	64QAM	1	49	20.61	20.67	20.47		
20	64QAM	1	99	20.51	20.43	20.41		
20	64QAM	50	0	19.21	19.35	19.28	21	3
20	64QAM	50	24	19.32	19.26	19.32		
20	64QAM	50	50	19.27	19.35	19.33		
20	64QAM	100	0	19.23	19.33	19.29		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.26	22.38	22.14	24	0
15	QPSK	1	37	22.30	22.44	22.27		
15	QPSK	1	74	22.40	22.39	22.31		
15	QPSK	36	0	21.29	21.45	21.36	23	1
15	QPSK	36	20	21.22	21.45	21.40		
15	QPSK	36	39	21.19	21.38	21.45		
15	QPSK	75	0	21.19	21.37	21.26		
15	16QAM	1	0	21.75	21.68	21.14	23	1
15	16QAM	1	37	21.37	21.66	21.55		
15	16QAM	1	74	21.64	21.50	21.77		
15	16QAM	36	0	20.20	20.34	20.28	22	2
15	16QAM	36	20	20.41	20.30	20.39		
15	16QAM	36	39	20.22	20.40	20.43		
15	16QAM	75	0	20.34	20.36	20.23		
15	64QAM	1	0	20.39	20.11	20.22	22	2
15	64QAM	1	37	20.59	20.72	20.56		
15	64QAM	1	74	20.61	20.35	20.40		
15	64QAM	36	0	19.16	19.25	19.29	21	3
15	64QAM	36	20	19.38	19.26	19.26		
15	64QAM	36	39	19.19	19.37	19.38		
15	64QAM	75	0	19.24	19.30	19.34		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.16	22.23	22.15	24	0
10	QPSK	1	25	22.34	22.40	22.18		
10	QPSK	1	49	22.25	22.28	22.17		
10	QPSK	25	0	21.43	21.54	21.50	23	1
10	QPSK	25	12	21.34	21.27	21.44		
10	QPSK	25	25	21.31	21.47	21.48		
10	QPSK	50	0	21.17	21.36	21.28		
10	16QAM	1	0	21.73	21.63	21.08	23	1
10	16QAM	1	25	21.34	21.68	21.50		
10	16QAM	1	49	21.62	21.49	21.78		
10	16QAM	25	0	20.26	20.32	20.25	22	2
10	16QAM	25	12	20.36	20.35	20.49		
10	16QAM	25	25	20.17	20.39	20.35		
10	16QAM	50	0	20.38	20.33	20.29		
10	64QAM	1	0	20.35	20.13	20.21	22	2
10	64QAM	1	25	20.56	20.67	20.56		
10	64QAM	1	49	20.53	20.33	20.43		
10	64QAM	25	0	19.14	19.27	19.27	21	3
10	64QAM	25	12	19.40	19.33	19.42		
10	64QAM	25	25	19.30	19.30	19.41		
10	64QAM	50	0	19.32	19.37	19.35		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.20	22.34	22.31	24	0
5	QPSK	1	12	22.21	22.41	22.28		
5	QPSK	1	24	22.27	22.40	22.26		
5	QPSK	12	0	21.28	21.51	21.50	23	1
5	QPSK	12	7	21.39	21.45	21.49		
5	QPSK	12	13	21.24	21.48	21.40		
5	QPSK	25	0	21.31	21.46	21.39		
5	16QAM	1	0	21.74	21.74	21.14	23	1
5	16QAM	1	12	21.34	21.59	21.53		
5	16QAM	1	24	21.82	21.45	21.75		
5	16QAM	12	0	20.27	20.50	20.43	22	2
5	16QAM	12	7	20.23	20.23	20.39		
5	16QAM	12	13	20.12	20.37	20.51		
5	16QAM	25	0	20.25	20.33	20.37		
5	64QAM	1	0	20.38	20.20	20.33	22	2
5	64QAM	1	12	20.65	20.63	20.49		
5	64QAM	1	24	20.54	20.50	20.32		
5	64QAM	12	0	19.22	19.44	19.38	21	3
5	64QAM	12	7	19.27	19.16	19.34		
5	64QAM	12	13	19.23	19.33	19.39		
5	64QAM	25	0	19.31	19.23	19.28		

Band 7(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.81	22.92	22.80	24	0
20	QPSK	1	49	22.98	23.06	23.02		
20	QPSK	1	99	22.88	22.91	23.00		
20	QPSK	50	0	21.97	22.01	21.98	23	1
20	QPSK	50	24	21.87	21.88	21.91		
20	QPSK	50	50	21.78	21.95	21.95		
20	QPSK	100	0	21.78	21.98	21.87		
20	16QAM	1	0	22.27	22.27	21.67	23	1
20	16QAM	1	49	21.98	22.21	22.09		
20	16QAM	1	99	22.28	22.11	22.24		
20	16QAM	50	0	20.80	20.93	20.89	22	2
20	16QAM	50	24	20.82	20.84	20.93		
20	16QAM	50	50	20.77	20.98	20.94		
20	16QAM	100	0	20.83	20.99	20.82		
20	64QAM	1	0	20.87	20.69	20.79	22	2
20	64QAM	1	49	21.14	21.21	20.99		
20	64QAM	1	99	21.08	20.99	20.92		
20	64QAM	50	0	19.74	19.89	19.80	21	3
20	64QAM	50	24	19.80	19.80	19.86		
20	64QAM	50	50	19.74	19.82	19.84		
20	64QAM	100	0	19.70	19.84	19.78		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.74	23.01	22.74	24	0
15	QPSK	1	37	22.97	22.98	22.89		
15	QPSK	1	74	22.98	22.86	22.99		
15	QPSK	36	0	21.99	22.11	21.96	23	1
15	QPSK	36	20	21.88	21.97	21.88		
15	QPSK	36	39	21.76	21.90	21.91		
15	QPSK	75	0	21.87	22.05	21.90		
15	16QAM	1	0	22.35	22.36	21.69	23	1
15	16QAM	1	37	22.01	22.20	22.02		
15	16QAM	1	74	22.21	22.11	22.28		
15	16QAM	36	0	20.70	21.02	20.84	22	2
15	16QAM	36	20	20.84	20.79	20.83		
15	16QAM	36	39	20.75	21.01	20.94		
15	16QAM	75	0	20.76	20.92	20.78		
15	64QAM	1	0	20.82	20.79	20.84	22	2
15	64QAM	1	37	21.09	21.27	20.89		
15	64QAM	1	74	21.09	20.89	20.93		
15	64QAM	36	0	19.80	19.87	19.76	21	3
15	64QAM	36	20	19.88	19.82	19.83		
15	64QAM	36	39	19.78	19.86	19.93		
15	64QAM	75	0	19.62	19.81	19.71		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.71	22.97	22.78	24	0
10	QPSK	1	25	22.79	22.94	22.84		
10	QPSK	1	49	22.80	22.90	22.99		
10	QPSK	25	0	21.93	22.06	22.02	23	1
10	QPSK	25	12	21.80	21.88	21.82		
10	QPSK	25	25	21.75	21.98	21.88		
10	QPSK	50	0	21.68	21.92	21.95		
10	16QAM	1	0	22.17	22.20	21.77	23	1
10	16QAM	1	25	22.03	22.21	22.04		
10	16QAM	1	49	22.20	22.19	22.20		
10	16QAM	25	0	20.86	20.88	20.98	22	2
10	16QAM	25	12	20.74	20.87	20.99		
10	16QAM	25	25	20.83	20.97	20.98		
10	16QAM	50	0	20.74	21.06	20.77		
10	64QAM	1	0	20.79	20.79	20.88	22	2
10	64QAM	1	25	21.05	21.21	20.91		
10	64QAM	1	49	21.08	21.08	20.91		
10	64QAM	25	0	19.64	19.82	19.72	21	3
10	64QAM	25	12	19.83	19.90	19.90		
10	64QAM	25	25	19.83	19.81	19.90		
10	64QAM	50	0	19.80	19.94	19.76		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.89	22.92	22.75	24	0
5	QPSK	1	12	22.85	22.92	22.72		
5	QPSK	1	24	22.92	22.85	22.96		
5	QPSK	12	0	21.99	21.96	21.94	23	1
5	QPSK	12	7	21.88	21.80	21.89		
5	QPSK	12	13	21.74	21.88	21.99		
5	QPSK	25	0	21.77	21.98	21.86		
5	16QAM	1	0	22.18	22.22	21.59	23	1
5	16QAM	1	12	21.89	22.14	22.14		
5	16QAM	1	24	22.28	22.16	22.27		
5	16QAM	12	0	20.88	20.91	20.98	22	2
5	16QAM	12	7	20.77	20.81	20.98		
5	16QAM	12	13	20.74	20.90	21.02		
5	16QAM	25	0	20.89	20.91	20.83		
5	64QAM	1	0	20.78	20.68	20.69	22	2
5	64QAM	1	12	21.23	21.29	20.96		
5	64QAM	1	24	20.98	21.04	20.94		
5	64QAM	12	0	19.78	19.93	19.78	21	3
5	64QAM	12	7	19.81	19.90	19.76		
5	64QAM	12	13	19.64	19.81	19.89		
5	64QAM	25	0	19.78	19.88	19.75		

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	22.13	22.16	22.21	24	0
10	QPSK	1	25	22.23	22.30	22.26		
10	QPSK	1	49	22.17	22.24	22.23		
10	QPSK	25	0	21.26	21.27	21.26	23	1
10	QPSK	25	12	21.25	21.19	21.21		
10	QPSK	25	25	21.24	21.22	21.15		
10	QPSK	50	0	21.22	21.24	21.16		
10	16QAM	1	0	21.40	21.01	21.14	23	1
10	16QAM	1	25	21.52	21.43	21.56		
10	16QAM	1	49	21.41	21.58	21.77		
10	16QAM	25	0	20.19	20.19	20.17	22	2
10	16QAM	25	12	20.28	20.25	20.28		
10	16QAM	25	25	20.38	20.21	20.14		
10	16QAM	50	0	20.20	20.19	20.14		
10	64QAM	1	0	20.22	20.39	20.49	22	2
10	64QAM	1	25	20.33	20.19	20.26		
10	64QAM	1	49	20.47	20.43	20.40		
10	64QAM	25	0	19.16	19.13	19.18	21	3
10	64QAM	25	12	19.13	19.16	19.29		
10	64QAM	25	25	19.28	19.21	19.26		
10	64QAM	50	0	19.11	19.16	19.14		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.17	22.17	22.25	24	0
5	QPSK	1	12	22.22	22.10	22.19		
5	QPSK	1	24	22.12	22.19	22.28		
5	QPSK	12	0	21.32	21.36	21.20	23	1
5	QPSK	12	7	21.20	21.29	21.11		
5	QPSK	12	13	21.19	21.19	21.26		
5	QPSK	25	0	21.23	21.18	21.11		
5	16QAM	1	0	21.34	21.03	21.21	23	1
5	16QAM	1	12	21.46	21.46	21.63		
5	16QAM	1	24	21.44	21.57	21.78		
5	16QAM	12	0	20.26	20.12	20.18	22	2
5	16QAM	12	7	20.18	20.33	20.37		
5	16QAM	12	13	20.30	20.25	20.08		
5	16QAM	25	0	20.21	20.18	20.08		
5	64QAM	1	0	20.15	20.34	20.50	22	2
5	64QAM	1	12	20.31	20.29	20.32		
5	64QAM	1	24	20.39	20.42	20.44		
5	64QAM	12	0	19.07	19.11	19.15	21	3
5	64QAM	12	7	19.15	19.18	19.22		
5	64QAM	12	13	19.35	19.24	19.34		
5	64QAM	25	0	19.06	19.19	19.20		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.13	22.26	22.25	24	0
3	QPSK	1	8	22.21	22.24	22.16		
3	QPSK	1	14	22.11	22.28	22.18		
3	QPSK	8	0	21.25	21.33	21.27	23	1
3	QPSK	8	4	21.16	21.24	21.13		
3	QPSK	8	7	21.30	21.24	21.25		
3	QPSK	15	0	21.24	21.33	21.20		
3	16QAM	1	0	21.37	21.09	21.09	23	1
3	16QAM	1	8	21.55	21.50	21.50		
3	16QAM	1	14	21.44	21.67	21.84		
3	16QAM	8	0	20.11	20.18	20.26	22	2
3	16QAM	8	4	20.31	20.16	20.19		
3	16QAM	8	7	20.34	20.11	20.21		
3	16QAM	15	0	20.21	20.27	20.07		
3	64QAM	1	0	20.24	20.42	20.48	22	2
3	64QAM	1	8	20.35	20.20	20.36		
3	64QAM	1	14	20.38	20.39	20.30		
3	64QAM	8	0	19.14	19.10	19.27	21	3
3	64QAM	8	4	19.22	19.23	19.29		
3	64QAM	8	7	19.22	19.18	19.31		
3	64QAM	15	0	19.09	19.11	19.06		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.26	22.21	22.25	24	0
1.4	QPSK	1	3	22.13	22.27	22.08		
1.4	QPSK	1	5	22.19	22.10	22.26		
1.4	QPSK	3	0	22.17	22.23	22.18		
1.4	QPSK	3	1	22.27	22.27	22.20		
1.4	QPSK	3	3	22.16	22.20	22.25		
1.4	QPSK	6	0	21.25	21.17	21.24	23	1
1.4	16QAM	1	0	21.83	21.70	21.44	23	1
1.4	16QAM	1	3	21.20	21.09	21.87		
1.4	16QAM	1	5	21.87	21.71	21.70		
1.4	16QAM	3	0	21.03	21.09	21.30		
1.4	16QAM	3	1	21.15	21.18	21.08		
1.4	16QAM	3	3	21.29	21.04	21.11		
1.4	16QAM	6	0	20.24	20.21	20.17	22	2
1.4	64QAM	1	0	20.02	20.53	20.50	22	2
1.4	64QAM	1	3	20.65	20.36	20.31		
1.4	64QAM	1	5	20.15	20.42	20.19		
1.4	64QAM	3	0	20.38	20.32	20.19		
1.4	64QAM	3	1	20.18	20.37	20.34		
1.4	64QAM	3	3	20.32	20.26	20.30		
1.4	64QAM	6	0	19.17	19.12	19.17	21	3

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.39		24	0
10	QPSK	1	25		22.63			
10	QPSK	1	49		22.51			
10	QPSK	25	0		21.55		23	1
10	QPSK	25	12		21.46			
10	QPSK	25	25		21.50			
10	QPSK	50	0		21.54			
10	16QAM	1	0		21.32		23	1
10	16QAM	1	25		22.05			
10	16QAM	1	49		21.66			
10	16QAM	25	0		20.47		22	2
10	16QAM	25	12		20.56			
10	16QAM	25	25		20.53			
10	16QAM	50	0		20.51			
10	64QAM	1	0		20.57		22	2
10	64QAM	1	25		20.85			
10	64QAM	1	49		20.54			
10	64QAM	25	0		19.48		21	3
10	64QAM	25	12		19.55			
10	64QAM	25	25		19.47			
10	64QAM	50	0		19.49			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.39	22.56	22.61	24	0
5	QPSK	1	12	22.49	22.44	22.51		
5	QPSK	1	24	22.54	22.60	22.53		
5	QPSK	12	0	21.44	21.44	21.49	23	1
5	QPSK	12	7	21.45	21.47	21.49		
5	QPSK	12	13	21.41	21.43	21.44		
5	QPSK	25	0	21.45	21.47	21.49		
5	16QAM	1	0	22.03	21.46	21.43	23	1
5	16QAM	1	12	21.95	21.87	21.46		
5	16QAM	1	24	21.52	21.96	21.79		
5	16QAM	12	0	20.39	20.35	20.43	22	2
5	16QAM	12	7	20.28	20.45	20.36		
5	16QAM	12	13	20.41	20.32	20.42		
5	16QAM	25	0	20.38	20.53	20.48		
5	64QAM	1	0	20.42	20.42	20.88	22	2
5	64QAM	1	12	20.70	20.50	20.76		
5	64QAM	1	24	20.76	20.61	20.51		
5	64QAM	12	0	19.45	19.45	19.34	21	3
5	64QAM	12	7	19.42	19.42	19.49		
5	64QAM	12	13	19.34	19.35	19.47		
5	64QAM	25	0	19.43	19.47	19.37		

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	22.09	22.05	22.07	24	0
10	QPSK	1	25	22.12	22.23	22.22		
10	QPSK	1	49	22.11	22.15	22.01		
10	QPSK	25	0	21.07	21.11	21.06	23	1
10	QPSK	25	12	21.05	21.00	21.02		
10	QPSK	25	25	21.05	21.04	21.05		
10	QPSK	50	0	21.04	21.09	21.06		
10	16QAM	1	0	21.65	21.21	21.37	23	1
10	16QAM	1	25	21.70	21.17	21.42		
10	16QAM	1	49	21.09	21.39	21.34		
10	16QAM	25	0	20.04	20.01	20.03	22	2
10	16QAM	25	12	20.07	20.05	20.08		
10	16QAM	25	25	20.03	20.03	20.12		
10	16QAM	50	0	20.04	20.02	20.08		
10	64QAM	1	0	20.10	20.39	20.16	22	2
10	64QAM	1	25	20.13	20.18	20.38		
10	64QAM	1	49	20.36	20.45	20.18		
10	64QAM	25	0	19.15	19.11	19.12	21	3
10	64QAM	25	12	19.18	19.13	19.13		
10	64QAM	25	25	19.10	19.09	19.11		
10	64QAM	50	0	19.14	19.16	19.17		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.00	22.05	22.09	24	0
5	QPSK	1	12	22.06	22.09	22.15		
5	QPSK	1	24	22.12	22.14	22.09		
5	QPSK	12	0	21.05	21.05	21.11	23	1
5	QPSK	12	7	21.15	21.01	21.01		
5	QPSK	12	13	21.13	21.08	21.12		
5	QPSK	25	0	21.06	21.00	21.13		
5	16QAM	1	0	21.65	21.12	21.38	23	1
5	16QAM	1	12	21.61	21.23	21.38		
5	16QAM	1	24	21.11	21.30	21.25		
5	16QAM	12	0	20.03	20.00	20.07	22	2
5	16QAM	12	7	20.12	20.09	20.15		
5	16QAM	12	13	20.02	20.11	20.06		
5	16QAM	25	0	20.04	20.09	20.06		
5	64QAM	1	0	20.06	20.29	20.26	22	2
5	64QAM	1	12	20.18	20.24	20.39		
5	64QAM	1	24	20.31	20.47	20.28		
5	64QAM	12	0	19.25	19.11	19.03	21	3
5	64QAM	12	7	19.18	19.16	19.12		
5	64QAM	12	13	19.18	19.13	19.18		
5	64QAM	25	0	19.10	19.22	19.25		

Band 25_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.38	22.41	22.42	24	0
20	QPSK	1	49	22.56	22.65	22.55		
20	QPSK	1	99	22.44	22.39	22.35		
20	QPSK	50	14	21.56	21.57	21.52	23	1
20	QPSK	50	24	21.50	21.50	21.47		
20	QPSK	50	50	21.48	21.48	21.36		
20	QPSK	100	0	21.45	21.50	21.43		
20	16QAM	1	0	21.56	21.99	21.50	23	1
20	16QAM	1	49	22.00	22.07	21.76		
20	16QAM	1	99	21.86	21.89	21.30		
20	16QAM	50	0	20.46	20.62	20.53	22	2
20	16QAM	50	24	20.54	20.51	20.61		
20	16QAM	50	50	20.49	20.46	20.42		
20	16QAM	100	0	20.44	20.47	20.40		
20	64QAM	1	0	20.50	20.34	20.80	22	2
20	64QAM	1	49	20.70	20.37	20.34		
20	64QAM	1	99	20.65	20.64	20.44		
20	64QAM	50	0	19.43	19.60	19.46	21	3
20	64QAM	50	24	19.47	19.43	19.49		
20	64QAM	50	50	19.56	19.45	19.29		
20	64QAM	100	0	19.41	19.35	19.36		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.48	22.50	22.32	24	0
15	QPSK	1	37	22.45	22.45	22.40		
15	QPSK	1	74	22.44	22.42	22.45		
15	QPSK	36	0	21.57	21.63	21.43	23	1
15	QPSK	36	20	21.54	21.40	21.38		
15	QPSK	36	39	21.54	21.47	21.27		
15	QPSK	75	0	21.53	21.55	21.52		
15	16QAM	1	0	21.46	21.97	21.58	23	1
15	16QAM	1	37	22.05	21.97	21.67		
15	16QAM	1	74	21.81	21.90	21.20		
15	16QAM	36	0	20.40	20.72	20.43	22	2
15	16QAM	36	20	20.60	20.42	20.66		
15	16QAM	36	39	20.58	20.44	20.39		
15	16QAM	75	0	20.36	20.52	20.36		
15	64QAM	1	0	20.48	20.48	20.84	22	2
15	64QAM	1	37	20.63	20.33	20.41		
15	64QAM	1	74	20.71	20.60	20.34		
15	64QAM	36	0	19.45	19.56	19.44	21	3
15	64QAM	36	20	19.45	19.33	19.54		
15	64QAM	36	39	19.47	19.40	19.24		
15	64QAM	75	0	19.42	19.45	19.39		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.34	22.33	22.33	24	0
10	QPSK	1	25	22.56	22.43	22.45		
10	QPSK	1	49	22.42	22.49	22.40		
10	QPSK	25	0	21.59	21.58	21.56	23	1
10	QPSK	25	12	21.57	21.53	21.50		
10	QPSK	25	25	21.50	21.39	21.41		
10	QPSK	50	0	21.46	21.54	21.43		
10	16QAM	1	0	21.59	22.07	21.44	23	1
10	16QAM	1	25	22.02	21.99	21.78		
10	16QAM	1	49	21.82	21.89	21.27		
10	16QAM	25	0	20.55	20.61	20.62	22	2
10	16QAM	25	12	20.60	20.60	20.51		
10	16QAM	25	25	20.39	20.48	20.40		
10	16QAM	50	0	20.46	20.54	20.45		
10	64QAM	1	0	20.55	20.40	20.73	22	2
10	64QAM	1	25	20.62	20.32	20.44		
10	64QAM	1	49	20.64	20.67	20.45		
10	64QAM	25	0	19.39	19.64	19.41	21	3
10	64QAM	25	12	19.38	19.47	19.43		
10	64QAM	25	25	19.51	19.42	19.35		
10	64QAM	50	0	19.45	19.45	19.26		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.39	22.31	22.52	24	0
5	QPSK	1	12	22.44	22.53	22.48		
5	QPSK	1	24	22.46	22.45	22.42		
5	QPSK	12	0	21.60	21.57	21.58	23	1
5	QPSK	12	7	21.45	21.54	21.39		
5	QPSK	12	13	21.49	21.39	21.30		
5	QPSK	25	0	21.54	21.57	21.46		
5	16QAM	1	0	21.46	22.07	21.59	23	1
5	16QAM	1	12	22.07	22.11	21.83		
5	16QAM	1	24	21.88	21.89	21.20		
5	16QAM	12	0	20.46	20.59	20.53	22	2
5	16QAM	12	7	20.48	20.44	20.64		
5	16QAM	12	13	20.45	20.37	20.39		
5	16QAM	25	0	20.35	20.37	20.36		
5	64QAM	1	0	20.47	20.40	20.86	22	2
5	64QAM	1	12	20.69	20.33	20.40		
5	64QAM	1	24	20.64	20.73	20.40		
5	64QAM	12	0	19.38	19.60	19.55	21	3
5	64QAM	12	7	19.44	19.47	19.59		
5	64QAM	12	13	19.56	19.45	19.32		
5	64QAM	25	0	19.46	19.44	19.28		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.29	22.34	22.33	24	0
3	QPSK	1	8	22.37	22.48	22.55		
3	QPSK	1	14	22.54	22.49	22.36		
3	QPSK	8	0	21.63	21.56	21.49	23	1
3	QPSK	8	4	21.41	21.58	21.39		
3	QPSK	8	7	21.57	21.43	21.29		
3	QPSK	15	0	21.39	21.49	21.50		
3	16QAM	1	0	21.49	21.97	21.47	23	1
3	16QAM	1	8	22.07	22.04	21.84		
3	16QAM	1	14	21.76	21.83	21.24		
3	16QAM	8	0	20.45	20.65	20.58	22	2
3	16QAM	8	4	20.44	20.50	20.58		
3	16QAM	8	7	20.50	20.39	20.38		
3	16QAM	15	0	20.44	20.47	20.30		
3	64QAM	1	0	20.57	20.39	20.88	22	2
3	64QAM	1	8	20.60	20.30	20.30		
3	64QAM	1	14	20.73	20.60	20.40		
3	64QAM	8	0	19.49	19.65	19.43	21	3
3	64QAM	8	4	19.50	19.46	19.56		
3	64QAM	8	7	19.51	19.47	19.37		
3	64QAM	15	0	19.48	19.44	19.44		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.48	22.52	22.52	24	0
1.4	QPSK	1	3	22.55	22.56	22.46		
1.4	QPSK	1	5	22.47	22.60	22.64		
1.4	QPSK	3	0	22.46	22.50	22.64		
1.4	QPSK	3	1	22.50	22.58	22.56		
1.4	QPSK	3	3	22.51	22.59	22.59		
1.4	QPSK	6	0	21.40	21.57	21.52	23	1
1.4	16QAM	1	0	22.00	21.71	21.86	23	1
1.4	16QAM	1	3	21.50	21.63	21.92		
1.4	16QAM	1	5	21.70	22.11	21.46		
1.4	16QAM	3	0	21.49	21.63	21.44		
1.4	16QAM	3	1	21.56	21.54	21.61		
1.4	16QAM	3	3	21.53	21.56	21.57		
1.4	16QAM	6	0	20.50	20.73	20.48	22	2
1.4	64QAM	1	0	20.71	20.37	20.60	22	2
1.4	64QAM	1	3	20.64	20.61	20.55		
1.4	64QAM	1	5	20.68	20.69	20.63		
1.4	64QAM	3	0	20.68	20.51	20.57		
1.4	64QAM	3	1	20.72	20.55	20.60		
1.4	64QAM	3	3	20.51	20.31	20.70		
1.4	64QAM	6	0	19.38	19.46	19.50	21	3

Band 26(FCC)_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	22.50	22.61	22.35	24	0
15	QPSK	1	37	22.51	22.74	22.45		
15	QPSK	1	74	22.43	22.62	22.39		
15	QPSK	36	0	21.64	21.64	21.49	23	1
15	QPSK	36	20	21.51	21.62	21.39		
15	QPSK	36	39	21.49	21.63	21.42		
15	QPSK	75	0	21.58	21.62	21.45		
15	16QAM	1	0	21.58	21.55	22.00	23	1
15	16QAM	1	37	22.09	21.72	21.56		
15	16QAM	1	74	21.44	22.11	21.82		
15	16QAM	36	0	20.60	20.58	20.49	22	2
15	16QAM	36	20	20.56	20.51	20.47		
15	16QAM	36	39	20.58	20.66	20.39		
15	16QAM	75	0	20.55	20.66	20.40		
15	64QAM	1	0	20.26	20.93	20.46	22	2
15	64QAM	1	37	20.89	20.57	20.68		
15	64QAM	1	74	20.48	20.87	20.63		
15	64QAM	36	0	19.51	19.64	19.54	21	3
15	64QAM	36	20	19.56	19.64	19.37		
15	64QAM	36	39	19.45	19.58	19.43		
15	64QAM	75	0	19.51	19.51	19.46		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.47	22.65	22.38	24	0
10	QPSK	1	25	22.57	22.62	22.39		
10	QPSK	1	49	22.51	22.68	22.33		
10	QPSK	25	0	21.55	21.65	21.52	23	1
10	QPSK	25	12	21.48	21.70	21.34		
10	QPSK	25	25	21.54	21.55	21.46		
10	QPSK	50	0	21.52	21.59	21.38		
10	16QAM	1	0	21.52	21.50	22.02	23	1
10	16QAM	1	25	22.14	21.74	21.59		
10	16QAM	1	49	21.46	22.04	21.81		
10	16QAM	25	0	20.51	20.55	20.52	22	2
10	16QAM	25	12	20.61	20.59	20.56		
10	16QAM	25	25	20.61	20.76	20.47		
10	16QAM	50	0	20.52	20.61	20.35		
10	64QAM	1	0	20.21	20.84	20.55	22	2
10	64QAM	1	25	20.89	20.65	20.60		
10	64QAM	1	49	20.41	20.97	20.73		
10	64QAM	25	0	19.61	19.63	19.45	21	3
10	64QAM	25	12	19.48	19.74	19.38		
10	64QAM	25	25	19.49	19.61	19.45		
10	64QAM	50	0	19.52	19.46	19.51		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.52	22.55	22.40	24	0
5	QPSK	1	12	22.48	22.63	22.40		
5	QPSK	1	24	22.35	22.55	22.47		
5	QPSK	12	0	21.62	21.67	21.57	23	1
5	QPSK	12	7	21.61	21.62	21.34		
5	QPSK	12	13	21.58	21.64	21.32		
5	QPSK	25	0	21.67	21.65	21.45		
5	16QAM	1	0	21.64	21.49	22.09	23	1
5	16QAM	1	12	22.03	21.64	21.64		
5	16QAM	1	24	21.38	22.15	21.81		
5	16QAM	12	0	20.61	20.56	20.56	22	2
5	16QAM	12	7	20.66	20.57	20.39		
5	16QAM	12	13	20.56	20.71	20.33		
5	16QAM	25	0	20.54	20.76	20.44		
5	64QAM	1	0	20.36	20.83	20.41	22	2
5	64QAM	1	12	20.88	20.62	20.72		
5	64QAM	1	24	20.56	20.83	20.59		
5	64QAM	12	0	19.59	19.63	19.49	21	3
5	64QAM	12	7	19.60	19.62	19.46		
5	64QAM	12	13	19.43	19.57	19.52		
5	64QAM	25	0	19.48	19.57	19.44		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.55	22.71	22.30	24	0
3	QPSK	1	8	22.42	22.70	22.49		
3	QPSK	1	14	22.37	22.69	22.47		
3	QPSK	8	0	21.52	21.74	21.52	23	1
3	QPSK	8	4	21.56	21.72	21.32		
3	QPSK	8	7	21.49	21.72	21.34		
3	QPSK	15	0	21.60	21.69	21.35		
3	16QAM	1	0	21.60	21.46	22.09	23	1
3	16QAM	1	8	22.07	21.76	21.61		
3	16QAM	1	14	21.45	22.13	21.72		
3	16QAM	8	0	20.67	20.64	20.39	22	2
3	16QAM	8	4	20.53	20.45	20.38		
3	16QAM	8	7	20.67	20.61	20.35		
3	16QAM	15	0	20.45	20.61	20.36		
3	64QAM	1	0	20.35	20.92	20.54	22	2
3	64QAM	1	8	20.82	20.58	20.70		
3	64QAM	1	14	20.46	20.90	20.53		
3	64QAM	8	0	19.49	19.59	19.49	21	3
3	64QAM	8	4	19.64	19.54	19.39		
3	64QAM	8	7	19.51	19.66	19.43		
3	64QAM	15	0	19.56	19.56	19.55		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.49	22.53	22.18	24	0
1.4	QPSK	1	3	22.65	22.47	22.45		
1.4	QPSK	1	5	22.68	22.42	22.36		
1.4	QPSK	3	0	22.60	22.55	22.46		
1.4	QPSK	3	1	22.67	22.51	22.28		
1.4	QPSK	3	3	22.65	22.43	22.33		
1.4	QPSK	6	0	21.65	21.52	21.30	23	1
1.4	16QAM	1	0	21.56	22.09	21.54	23	1
1.4	16QAM	1	3	21.87	21.74	21.25		
1.4	16QAM	1	5	21.92	22.03	21.64		
1.4	16QAM	3	0	21.68	21.57	21.41		
1.4	16QAM	3	1	21.65	21.54	21.39		
1.4	16QAM	3	3	21.72	21.45	21.38		
1.4	16QAM	6	0	20.70	20.49	20.49	22	2
1.4	64QAM	1	0	20.79	20.75	20.35	22	2
1.4	64QAM	1	3	20.66	20.24	20.62		
1.4	64QAM	1	5	20.68	20.84	20.66		
1.4	64QAM	3	0	20.66	20.69	20.50		
1.4	64QAM	3	1	20.86	20.73	20.52		
1.4	64QAM	3	3	20.69	20.70	20.42		
1.4	64QAM	6	0	19.63	19.61	19.33	21	3

Band 66_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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.34	22.26	22.26	24	0
20	QPSK	1	49	22.47	22.60	22.49		
20	QPSK	1	99	22.31	22.19	22.27		
20	QPSK	50	0	21.48	21.49	21.41	23	1
20	QPSK	50	24	21.47	21.46	21.39		
20	QPSK	50	50	21.40	21.31	21.27		
20	QPSK	100	0	21.32	21.38	21.33		
20	16QAM	1	0	21.86	21.78	21.90	23	1
20	16QAM	1	49	21.88	21.41	21.33		
20	16QAM	1	99	21.27	21.38	21.74		
20	16QAM	50	0	20.39	20.44	20.41	22	2
20	16QAM	50	24	20.43	20.38	20.39		
20	16QAM	50	50	20.27	20.35	20.19		
20	16QAM	100	0	20.38	20.35	20.26		
20	64QAM	1	0	20.53	20.63	20.39	22	2
20	64QAM	1	49	20.53	20.62	20.68		
20	64QAM	1	99	20.57	20.26	20.40		
20	64QAM	50	0	19.31	19.39	19.38	21	3
20	64QAM	50	24	19.36	19.40	19.42		
20	64QAM	50	50	19.33	19.27	19.25		
20	64QAM	100	0	19.31	19.26	19.28		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.44	22.30	22.29	24	0
15	QPSK	1	37	22.47	22.34	22.29		
15	QPSK	1	74	22.32	22.13	22.29		
15	QPSK	36	0	21.53	21.44	21.51	23	1
15	QPSK	36	20	21.44	21.37	21.38		
15	QPSK	36	39	21.41	21.41	21.32		
15	QPSK	75	0	21.25	21.40	21.37		
15	16QAM	1	0	21.82	21.72	21.88	23	1
15	16QAM	1	37	21.90	21.34	21.40		
15	16QAM	1	74	21.23	21.28	21.83		
15	16QAM	36	0	20.40	20.46	20.43	22	2
15	16QAM	36	20	20.51	20.36	20.49		
15	16QAM	36	39	20.17	20.40	20.19		
15	16QAM	75	0	20.35	20.34	20.36		
15	64QAM	1	0	20.60	20.60	20.46	22	2
15	64QAM	1	37	20.52	20.72	20.58		
15	64QAM	1	74	20.58	20.30	20.38		
15	64QAM	36	0	19.34	19.44	19.31	21	3
15	64QAM	36	20	19.34	19.38	19.40		
15	64QAM	36	39	19.29	19.32	19.35		
15	64QAM	75	0	19.38	19.24	19.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.30	22.27	22.35	24	0
10	QPSK	1	25	22.43	22.24	22.39		
10	QPSK	1	49	22.27	22.14	22.31		
10	QPSK	25	0	21.54	21.46	21.40	23	1
10	QPSK	25	12	21.47	21.42	21.32		
10	QPSK	25	25	21.49	21.21	21.27		
10	QPSK	50	0	21.24	21.30	21.37		
10	16QAM	1	0	21.94	21.68	21.95	23	1
10	16QAM	1	25	21.80	21.48	21.26		
10	16QAM	1	49	21.20	21.42	21.76		
10	16QAM	25	0	20.29	20.45	20.37	22	2
10	16QAM	25	12	20.43	20.36	20.37		
10	16QAM	25	25	20.34	20.27	20.15		
10	16QAM	50	0	20.38	20.39	20.31		
10	64QAM	1	0	20.47	20.60	20.41	22	2
10	64QAM	1	25	20.45	20.56	20.59		
10	64QAM	1	49	20.50	20.23	20.42		
10	64QAM	25	0	19.27	19.41	19.35	21	3
10	64QAM	25	12	19.35	19.49	19.49		
10	64QAM	25	25	19.25	19.35	19.25		
10	64QAM	50	0	19.41	19.20	19.20		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.25	22.25	22.36	24	0
5	QPSK	1	12	22.27	22.30	22.33		
5	QPSK	1	24	22.29	22.26	22.24		
5	QPSK	12	0	21.55	21.53	21.51	23	1
5	QPSK	12	7	21.54	21.53	21.49		
5	QPSK	12	13	21.44	21.39	21.32		
5	QPSK	25	0	21.26	21.41	21.26		
5	16QAM	1	0	21.83	21.87	21.88	23	1
5	16QAM	1	12	21.98	21.36	21.35		
5	16QAM	1	24	21.32	21.47	21.80		
5	16QAM	12	0	20.45	20.49	20.41	22	2
5	16QAM	12	7	20.53	20.41	20.40		
5	16QAM	12	13	20.33	20.35	20.17		
5	16QAM	25	0	20.45	20.40	20.17		
5	64QAM	1	0	20.46	20.55	20.29	22	2
5	64QAM	1	12	20.49	20.59	20.78		
5	64QAM	1	24	20.67	20.18	20.49		
5	64QAM	12	0	19.36	19.46	19.39	21	3
5	64QAM	12	7	19.27	19.41	19.48		
5	64QAM	12	13	19.39	19.33	19.23		
5	64QAM	25	0	19.35	19.26	19.21		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.25	22.27	22.18	24	0
3	QPSK	1	8	22.43	22.20	22.24		
3	QPSK	1	14	22.26	22.29	22.20		
3	QPSK	8	0	21.47	21.55	21.46	23	1
3	QPSK	8	4	21.52	21.50	21.36		
3	QPSK	8	7	21.47	21.21	21.17		
3	QPSK	15	0	21.27	21.31	21.42		
3	16QAM	1	0	21.96	21.88	21.95	23	1
3	16QAM	1	8	21.80	21.33	21.36		
3	16QAM	1	14	21.35	21.36	21.66		
3	16QAM	8	0	20.42	20.51	20.43	22	2
3	16QAM	8	4	20.37	20.31	20.38		
3	16QAM	8	7	20.27	20.41	20.27		
3	16QAM	15	0	20.41	20.27	20.35		
3	64QAM	1	0	20.43	20.53	20.32	22	2
3	64QAM	1	8	20.47	20.64	20.63		
3	64QAM	1	14	20.66	20.22	20.34		
3	64QAM	8	0	19.28	19.36	19.41	21	3
3	64QAM	8	4	19.44	19.31	19.34		
3	64QAM	8	7	19.27	19.23	19.33		
3	64QAM	15	0	19.27	19.18	19.31		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.35	22.39	22.41	24	0
1.4	QPSK	1	3	22.30	22.57	22.48		
1.4	QPSK	1	5	22.37	22.36	22.29		
1.4	QPSK	3	0	22.39	22.51	22.44		
1.4	QPSK	3	1	22.41	22.54	22.38		
1.4	QPSK	3	3	22.43	22.47	22.39		
1.4	QPSK	6	0	21.36	21.45	21.34	23	1
1.4	16QAM	1	0	21.67	21.84	21.89	23	1
1.4	16QAM	1	3	21.56	21.38	21.62		
1.4	16QAM	1	5	21.32	21.89	21.53		
1.4	16QAM	3	0	21.41	21.43	21.37		
1.4	16QAM	3	1	21.46	21.53	21.46		
1.4	16QAM	3	3	21.29	21.50	21.37		
1.4	16QAM	6	0	20.33	20.40	20.31	22	2
1.4	64QAM	1	0	20.56	20.70	20.68	22	2
1.4	64QAM	1	3	20.10	20.53	20.49		
1.4	64QAM	1	5	20.72	20.55	20.37		
1.4	64QAM	3	0	20.34	20.50	20.53		
1.4	64QAM	3	1	20.11	20.72	20.47		
1.4	64QAM	3	3	20.45	20.44	20.42		
1.4	64QAM	6	0	19.41	19.41	19.28	21	3

Band 66(Other PA)_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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.02	23.11	23.12	24	0
20	QPSK	1	49	23.15	23.24	23.18		
20	QPSK	1	99	23.10	23.23	23.03		
20	QPSK	50	0	22.11	22.13	22.09	23	1
20	QPSK	50	24	22.01	22.01	22.01		
20	QPSK	50	50	21.97	22.10	22.04		
20	QPSK	100	0	22.01	22.09	22.00		
20	16QAM	1	0	21.98	22.04	22.00	23	1
20	16QAM	1	49	22.04	22.00	21.97		
20	16QAM	1	99	22.08	22.10	22.00		
20	16QAM	50	0	21.06	20.99	21.05	22	2
20	16QAM	50	24	21.00	21.06	20.95		
20	16QAM	50	50	20.99	21.10	20.99		
20	16QAM	100	0	21.08	21.04	20.98		
20	64QAM	1	0	21.06	21.10	20.99	22	2
20	64QAM	1	49	21.07	21.08	21.00		
20	64QAM	1	99	21.06	20.99	20.97		
20	64QAM	50	0	20.10	20.00	20.01	21	3
20	64QAM	50	24	20.09	20.00	20.01		
20	64QAM	50	50	20.03	19.98	19.96		
20	64QAM	100	0	20.06	20.01	20.06		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.97	23.05	23.08	24	0
15	QPSK	1	37	23.12	23.22	23.09		
15	QPSK	1	74	23.17	23.14	23.20		
15	QPSK	36	0	22.11	22.07	22.12	23	1
15	QPSK	36	20	21.94	21.93	21.92		
15	QPSK	36	39	22.04	21.95	22.06		
15	QPSK	75	0	22.01	22.06	22.07		
15	16QAM	1	0	22.01	21.92	21.96	23	1
15	16QAM	1	37	21.86	21.95	21.95		
15	16QAM	1	74	21.95	22.00	22.09		
15	16QAM	36	0	20.87	20.95	20.88	22	2
15	16QAM	36	20	21.04	20.95	20.94		
15	16QAM	36	39	21.06	21.02	20.95		
15	16QAM	75	0	20.95	20.95	20.92		
15	64QAM	1	0	20.99	21.02	21.06	22	2
15	64QAM	1	37	21.04	20.95	21.00		
15	64QAM	1	74	20.98	20.85	20.87		
15	64QAM	36	0	19.86	19.94	19.95	21	3
15	64QAM	36	20	19.89	19.95	19.88		
15	64QAM	36	39	19.92	19.90	19.95		
15	64QAM	75	0	19.92	19.98	19.94		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.01	23.05	23.02	24	0
10	QPSK	1	25	23.10	23.09	23.15		
10	QPSK	1	49	23.12	23.11	23.18		
10	QPSK	25	0	22.11	22.02	22.00	23	1
10	QPSK	25	12	21.99	21.93	21.89		
10	QPSK	25	25	21.95	22.08	22.01		
10	QPSK	50	0	22.04	22.00	22.07		
10	16QAM	1	0	21.97	21.90	21.98	23	1
10	16QAM	1	25	21.93	21.93	21.92		
10	16QAM	1	49	21.99	22.05	22.01		
10	16QAM	25	0	20.84	20.95	20.98	22	2
10	16QAM	25	12	21.03	21.03	20.93		
10	16QAM	25	25	21.00	20.98	21.00		
10	16QAM	50	0	20.89	20.94	20.95		
10	64QAM	1	0	20.97	21.00	21.05	22	2
10	64QAM	1	25	20.97	20.97	21.07		
10	64QAM	1	49	20.84	20.95	20.92		
10	64QAM	25	0	19.99	19.99	19.94	21	3
10	64QAM	25	12	19.90	19.97	19.93		
10	64QAM	25	25	19.90	19.93	19.92		
10	64QAM	50	0	19.90	19.88	20.00		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.09	22.99	22.96	24	0
5	QPSK	1	12	23.13	23.13	23.20		
5	QPSK	1	24	23.21	23.16	23.08		
5	QPSK	12	0	21.98	21.98	21.98	23	1
5	QPSK	12	7	21.89	21.91	22.00		
5	QPSK	12	13	21.98	22.08	22.01		
5	QPSK	25	0	22.04	22.02	22.01		
5	16QAM	1	0	22.02	21.91	21.94	23	1
5	16QAM	1	12	21.93	21.85	21.96		
5	16QAM	1	24	22.08	22.08	21.97		
5	16QAM	12	0	20.88	20.97	20.95	22	2
5	16QAM	12	7	20.92	21.02	20.96		
5	16QAM	12	13	20.98	21.06	20.96		
5	16QAM	25	0	20.93	20.96	20.95		
5	64QAM	1	0	21.07	21.03	21.03	22	2
5	64QAM	1	12	21.03	21.07	21.01		
5	64QAM	1	24	20.85	20.88	20.89		
5	64QAM	12	0	19.98	19.94	19.85	21	3
5	64QAM	12	7	19.86	19.96	19.93		
5	64QAM	12	13	19.96	19.97	19.87		
5	64QAM	25	0	19.96	19.96	19.94		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.01	23.10	22.98	24	0
3	QPSK	1	8	23.19	23.14	23.10		
3	QPSK	1	14	23.20	23.15	23.20		
3	QPSK	8	0	22.02	22.00	22.05	23	1
3	QPSK	8	4	21.93	21.96	21.92		
3	QPSK	8	7	21.95	22.01	21.99		
3	QPSK	15	0	21.99	22.06	22.05		
3	16QAM	1	0	21.96	21.97	21.94	23	1
3	16QAM	1	8	21.91	21.91	21.86		
3	16QAM	1	14	22.04	22.08	21.96		
3	16QAM	8	0	20.87	20.97	20.89	22	2
3	16QAM	8	4	20.95	20.94	21.04		
3	16QAM	8	7	21.02	21.04	20.97		
3	16QAM	15	0	20.89	20.93	21.03		
3	64QAM	1	0	21.06	21.04	21.09	22	2
3	64QAM	1	8	21.02	21.05	20.94		
3	64QAM	1	14	20.86	20.92	20.88		
3	64QAM	8	0	19.92	19.99	19.98	21	3
3	64QAM	8	4	19.98	19.95	19.95		
3	64QAM	8	7	19.87	19.92	19.84		
3	64QAM	15	0	19.91	19.90	19.98		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.92	22.95	23.02	24	0
1.4	QPSK	1	3	22.83	23.12	23.06		
1.4	QPSK	1	5	22.94	22.94	22.90		
1.4	QPSK	3	0	22.95	23.05	23.02		
1.4	QPSK	3	1	22.96	23.13	22.99		
1.4	QPSK	3	3	23.00	23.01	22.95		
1.4	QPSK	6	0	21.87	21.98	21.89	23	1
1.4	16QAM	1	0	22.25	22.43	22.46	23	1
1.4	16QAM	1	3	22.09	21.91	22.17		
1.4	16QAM	1	5	21.90	22.41	22.07		
1.4	16QAM	3	0	21.96	22.00	21.91		
1.4	16QAM	3	1	22.00	22.07	22.04		
1.4	16QAM	3	3	21.83	22.04	21.89		
1.4	16QAM	6	0	20.87	20.95	20.86	22	2
1.4	64QAM	1	0	21.12	21.26	21.22	22	2
1.4	64QAM	1	3	20.58	21.03	20.99		
1.4	64QAM	1	5	21.23	21.10	20.88		
1.4	64QAM	3	0	20.84	21.06	21.07		
1.4	64QAM	3	1	20.61	21.25	20.98		
1.4	64QAM	3	3	20.97	20.98	20.98		
1.4	64QAM	6	0	19.93	19.91	19.78	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	21.13	21.20	21.21	23	0
20	QPSK	1	49	21.22	21.38	21.29		
20	QPSK	1	99	21.08	21.07	21.06		
20	QPSK	50	0	20.28	20.36	20.33	22	1
20	QPSK	50	24	20.26	20.28	20.31		
20	QPSK	50	50	20.18	20.19	20.23		
20	QPSK	100	0	20.22	20.24	20.21		
20	16QAM	1	0	20.37	20.48	20.38	22	1
20	16QAM	1	49	20.31	20.80	20.28		
20	16QAM	1	99	20.62	20.57	20.24		
20	16QAM	50	0	19.16	19.22	19.30	21	2
20	16QAM	50	24	19.28	19.34	19.21		
20	16QAM	50	50	19.20	19.24	19.24		
20	16QAM	100	0	19.19	19.26	19.19		
20	64QAM	1	0	19.03	19.26	19.44	21	2
20	64QAM	1	49	19.27	19.33	19.39		
20	64QAM	1	99	19.34	19.43	19.38		
20	64QAM	50	0	18.17	18.30	18.31	20	3
20	64QAM	50	24	18.15	18.35	18.27		
20	64QAM	50	50	18.18	18.16	18.09		
20	64QAM	100	0	18.20	18.18	18.14		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.22	21.17	21.24	23	0
15	QPSK	1	37	21.14	21.27	21.20		
15	QPSK	1	74	21.09	21.07	21.12		
15	QPSK	36	0	20.29	20.27	20.31	22	1
15	QPSK	36	20	20.17	20.34	20.25		
15	QPSK	36	39	20.23	20.23	20.29		
15	QPSK	75	0	20.22	20.26	20.22		
15	16QAM	1	0	20.42	20.57	20.39	22	1
15	16QAM	1	37	20.26	20.74	20.35		
15	16QAM	1	74	20.62	20.53	20.30		
15	16QAM	36	0	19.25	19.16	19.30	21	2
15	16QAM	36	20	19.28	19.35	19.29		
15	16QAM	36	39	19.20	19.32	19.32		
15	16QAM	75	0	19.22	19.27	19.25		
15	64QAM	1	0	19.02	19.19	19.34	21	2
15	64QAM	1	37	19.34	19.34	19.44		
15	64QAM	1	74	19.39	19.53	19.48		
15	64QAM	36	0	18.24	18.24	18.27	20	3
15	64QAM	36	20	18.22	18.38	18.30		
15	64QAM	36	39	18.09	18.13	18.13		
15	64QAM	75	0	18.28	18.20	18.06		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.22	21.14	21.21	23	0
10	QPSK	1	25	21.16	21.28	21.20		
10	QPSK	1	49	21.01	21.08	21.14		
10	QPSK	25	0	20.20	20.35	20.34	22	1
10	QPSK	25	12	20.30	20.35	20.22		
10	QPSK	25	25	20.28	20.09	20.33		
10	QPSK	50	0	20.30	20.29	20.19		
10	16QAM	1	0	20.43	20.58	20.31	22	1
10	16QAM	1	25	20.36	20.78	20.20		
10	16QAM	1	49	20.67	20.63	20.28		
10	16QAM	25	0	19.24	19.20	19.40	21	2
10	16QAM	25	12	19.37	19.41	19.19		
10	16QAM	25	25	19.19	19.25	19.23		
10	16QAM	50	0	19.17	19.18	19.11		
10	64QAM	1	0	19.01	19.34	19.47	21	2
10	64QAM	1	25	19.23	19.40	19.47		
10	64QAM	1	49	19.37	19.49	19.37		
10	64QAM	25	0	18.22	18.40	18.39	20	3
10	64QAM	25	12	18.09	18.39	18.18		
10	64QAM	25	25	18.19	18.10	18.13		
10	64QAM	50	0	18.10	18.25	18.23		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.12	21.13	21.12	23	0
5	QPSK	1	12	21.26	21.32	21.25		
5	QPSK	1	24	21.03	21.00	21.08		
5	QPSK	12	0	20.35	20.35	20.32	22	1
5	QPSK	12	7	20.19	20.35	20.40		
5	QPSK	12	13	20.16	20.21	20.16		
5	QPSK	25	0	20.31	20.23	20.12		
5	16QAM	1	0	20.38	20.42	20.29	22	1
5	16QAM	1	12	20.41	20.88	20.28		
5	16QAM	1	24	20.61	20.56	20.25		
5	16QAM	12	0	19.26	19.29	19.25	21	2
5	16QAM	12	7	19.19	19.44	19.17		
5	16QAM	12	13	19.23	19.33	19.31		
5	16QAM	25	0	19.25	19.34	19.19		
5	64QAM	1	0	19.08	19.24	19.41	21	2
5	64QAM	1	12	19.17	19.41	19.40		
5	64QAM	1	24	19.25	19.40	19.30		
5	64QAM	12	0	18.08	18.32	18.36	20	3
5	64QAM	12	7	18.14	18.38	18.28		
5	64QAM	12	13	18.09	18.07	18.14		
5	64QAM	25	0	18.22	18.25	18.08		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.05	21.13	21.11	23	0
3	QPSK	1	8	21.12	21.23	21.35		
3	QPSK	1	14	21.03	21.00	21.02		
3	QPSK	8	0	20.38	20.44	20.24	22	1
3	QPSK	8	4	20.23	20.23	20.25		
3	QPSK	8	7	20.09	20.14	20.29		
3	QPSK	15	0	20.22	20.25	20.11		
3	16QAM	1	0	20.34	20.43	20.35	22	1
3	16QAM	1	8	20.32	20.76	20.22		
3	16QAM	1	14	20.63	20.57	20.18		
3	16QAM	8	0	19.19	19.30	19.30	21	2
3	16QAM	8	4	19.24	19.43	19.13		
3	16QAM	8	7	19.13	19.27	19.23		
3	16QAM	15	0	19.26	19.29	19.15		
3	64QAM	1	0	19.04	19.22	19.37	21	2
3	64QAM	1	8	19.29	19.43	19.43		
3	64QAM	1	14	19.26	19.52	19.32		
3	64QAM	8	0	18.13	18.24	18.41	20	3
3	64QAM	8	4	18.16	18.41	18.25		
3	64QAM	8	7	18.18	18.20	18.06		
3	64QAM	15	0	18.10	18.24	18.11		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.16	21.36	21.24	23	0
1.4	QPSK	1	3	21.26	21.35	21.22		
1.4	QPSK	1	5	21.16	21.32	21.32		
1.4	QPSK	3	0	21.21	21.29	21.23		
1.4	QPSK	3	1	21.12	21.32	21.18		
1.4	QPSK	3	3	21.21	21.33	21.24		
1.4	QPSK	6	0	20.19	20.32	20.21	22	1
1.4	16QAM	1	0	20.71	20.51	20.41	22	1
1.4	16QAM	1	3	20.79	20.80	20.80		
1.4	16QAM	1	5	20.43	20.82	20.78		
1.4	16QAM	3	0	20.22	20.19	20.23		
1.4	16QAM	3	1	20.06	20.26	20.13		
1.4	16QAM	3	3	20.12	20.25	20.25		
1.4	16QAM	6	0	19.25	19.41	19.23	21	2
1.4	64QAM	1	0	19.22	19.06	19.48	21	2
1.4	64QAM	1	3	19.38	19.60	19.43		
1.4	64QAM	1	5	19.28	19.40	19.41		
1.4	64QAM	3	0	19.37	19.34	19.31		
1.4	64QAM	3	1	19.39	19.38	19.38		
1.4	64QAM	3	3	19.26	19.06	19.35		
1.4	64QAM	6	0	18.03	18.24	18.27	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)	Ch Delta > 0.5
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	22.42	22.46	22.52	24	0	0.27
20	QPSK	1	49	22.62	22.69	22.67			
20	QPSK	1	99	22.61	22.60	22.58			
20	QPSK	50	0	21.80	21.86	21.79	23	1	0.14
20	QPSK	50	24	21.78	21.76	21.72			
20	QPSK	50	50	21.76	21.78	21.78			
20	QPSK	100	0	21.78	21.83	21.75			
20	16QAM	1	0	21.66	21.74	21.84	23	1	0.33
20	16QAM	1	49	21.91	21.94	21.99			
20	16QAM	1	99	21.90	21.87	21.88			
20	16QAM	50	0	20.75	20.74	20.78	22	2	0.14
20	16QAM	50	24	20.85	20.82	20.83			
20	16QAM	50	50	20.80	20.81	20.82			
20	16QAM	100	0	20.76	20.71	20.77			
20	64QAM	1	0	20.38	20.40	20.44	22	2	0.23
20	64QAM	1	49	20.58	20.53	20.61			
20	64QAM	1	99	20.52	20.53	20.53			
20	64QAM	50	0	19.75	19.71	19.78	21	3	0.10
20	64QAM	50	24	19.81	19.80	19.80			
20	64QAM	50	50	19.75	19.77	19.77			
20	64QAM	100	0	19.72	19.71	19.79			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	Ch Delta > 0.5
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	22.48	22.44	22.52	24	0	0.20
15	QPSK	1	37	22.48	22.56	22.64			
15	QPSK	1	74	22.52	22.48	22.64			
15	QPSK	36	0	21.85	21.83	21.83	23	1	0.21
15	QPSK	36	20	21.76	21.70	21.64			
15	QPSK	36	39	21.79	21.71	21.79			
15	QPSK	75	0	21.71	21.80	21.80			
15	16QAM	1	0	21.61	21.65	21.93	23	1	0.35
15	16QAM	1	37	21.93	21.94	21.89			
15	16QAM	1	74	21.85	21.94	21.96			
15	16QAM	36	0	20.73	20.72	20.80	22	2	0.26
15	16QAM	36	20	20.81	20.85	20.93			
15	16QAM	36	39	20.87	20.71	20.86			
15	16QAM	75	0	20.78	20.81	20.67			
15	64QAM	1	0	20.36	20.41	20.43	22	2	0.32
15	64QAM	1	37	20.63	20.61	20.68			
15	64QAM	1	74	20.55	20.51	20.48			
15	64QAM	36	0	19.75	19.66	19.69	21	3	0.21
15	64QAM	36	20	19.87	19.81	19.71			
15	64QAM	36	39	19.84	19.67	19.68			
15	64QAM	75	0	19.68	19.73	19.83			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	Ch Delta > 0.5
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	22.35	22.56	22.61	24	0	0.31
10	QPSK	1	25	22.48	22.55	22.63			
10	QPSK	1	49	22.44	22.53	22.66			
10	QPSK	25	0	21.75	21.93	21.88	23	1	0.25
10	QPSK	25	12	21.69	21.83	21.79			
10	QPSK	25	25	21.70	21.72	21.68			
10	QPSK	50	0	21.86	21.75	21.71			
10	16QAM	1	0	21.71	21.67	21.84	23	1	0.41
10	16QAM	1	25	21.89	22.02	22.08			
10	16QAM	1	49	21.90	21.89	21.94			
10	16QAM	25	0	20.83	20.66	20.74	22	2	0.26
10	16QAM	25	12	20.90	20.80	20.81			
10	16QAM	25	25	20.73	20.91	20.89			
10	16QAM	50	0	20.74	20.65	20.78			
10	64QAM	1	0	20.30	20.31	20.47	22	2	0.31
10	64QAM	1	25	20.61	20.61	20.59			
10	64QAM	1	49	20.58	20.46	20.50			
10	64QAM	25	0	19.74	19.61	19.75	21	3	0.26
10	64QAM	25	12	19.83	19.80	19.73			
10	64QAM	25	25	19.81	19.77	19.73			
10	64QAM	50	0	19.64	19.67	19.87			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	Ch Delta > 0.5
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	22.35	22.41	22.46	24	0	0.32
5	QPSK	1	12	22.60	22.55	22.64			
5	QPSK	1	24	22.55	22.47	22.67			
5	QPSK	12	0	21.74	21.76	21.73	23	1	0.20
5	QPSK	12	7	21.83	21.78	21.63			
5	QPSK	12	13	21.83	21.75	21.70			
5	QPSK	25	0	21.70	21.74	21.78			
5	16QAM	1	0	21.62	21.83	21.75	23	1	0.40
5	16QAM	1	12	21.99	21.98	22.02			
5	16QAM	1	24	21.90	21.93	21.96			
5	16QAM	12	0	20.76	20.76	20.87	22	2	0.25
5	16QAM	12	7	20.91	20.87	20.87			
5	16QAM	12	13	20.79	20.76	20.86			
5	16QAM	25	0	20.71	20.66	20.72			
5	64QAM	1	0	20.43	20.42	20.34	22	2	0.31
5	64QAM	1	12	20.65	20.51	20.62			
5	64QAM	1	24	20.51	20.46	20.49			
5	64QAM	12	0	19.68	19.65	19.79	21	3	0.24
5	64QAM	12	7	19.71	19.77	19.89			
5	64QAM	12	13	19.81	19.85	19.79			
5	64QAM	25	0	19.68	19.72	19.71			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	Ch Delta > 0.5
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	22.84	22.89	22.98	24	0	0.31
20	QPSK	1	49	23.07	23.15	23.10			
20	QPSK	1	99	23.05	23.02	23.06			
20	QPSK	50	0	22.26	22.33	22.22	23	1	0.20
20	QPSK	50	24	22.24	22.19	22.13			
20	QPSK	50	50	22.23	22.21	22.21			
20	QPSK	100	0	22.23	22.24	22.19			
20	16QAM	1	0	22.08	22.14	22.28	23	1	0.33
20	16QAM	1	49	22.39	22.37	22.41			
20	16QAM	1	99	22.31	22.28	22.32			
20	16QAM	50	0	21.14	21.20	21.19	22	2	0.13
20	16QAM	50	24	21.24	21.21	21.27			
20	16QAM	50	50	21.25	21.25	21.27			
20	16QAM	100	0	21.22	21.15	21.16			
20	64QAM	1	0	20.80	20.79	20.88	22	2	0.24
20	64QAM	1	49	20.99	20.91	21.03			
20	64QAM	1	99	20.91	20.96	20.97			
20	64QAM	50	0	20.14	20.10	20.19	21	3	0.14
20	64QAM	50	24	20.24	20.22	20.18			
20	64QAM	50	50	20.16	20.20	20.19			
20	64QAM	100	0	20.14	20.15	20.18			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	Ch Delta > 0.5
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	22.88	22.83	22.95	24	0	0.21
15	QPSK	1	37	22.78	22.98	22.92			
15	QPSK	1	74	22.88	22.99	22.97			
15	QPSK	36	0	22.36	22.28	22.15	23	1	0.22
15	QPSK	36	20	22.25	22.14	22.19			
15	QPSK	36	39	22.22	22.31	22.27			
15	QPSK	75	0	22.18	22.34	22.27			
15	16QAM	1	0	22.02	22.14	22.35	23	1	0.44
15	16QAM	1	37	22.46	22.39	22.37			
15	16QAM	1	74	22.26	22.28	22.34			
15	16QAM	36	0	21.17	21.16	21.11	22	2	0.25
15	16QAM	36	20	21.33	21.11	21.34			
15	16QAM	36	39	21.16	21.15	21.35			
15	16QAM	75	0	21.18	21.10	21.20			
15	64QAM	1	0	20.83	20.82	20.94	22	2	0.23
15	64QAM	1	37	21.05	20.84	21.00			
15	64QAM	1	74	20.94	20.86	20.94			
15	64QAM	36	0	20.09	20.05	20.25	21	3	0.20
15	64QAM	36	20	20.16	20.22	20.10			
15	64QAM	36	39	20.20	20.15	20.17			
15	64QAM	75	0	20.20	20.09	20.15			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	Ch Delta > 0.5
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	22.94	22.97	23.08	24	0	0.20
10	QPSK	1	25	22.88	22.98	23.01			
10	QPSK	1	49	22.90	22.93	23.00			
10	QPSK	25	0	22.17	22.39	22.28	23	1	0.34
10	QPSK	25	12	22.28	22.29	22.05			
10	QPSK	25	25	22.18	22.31	22.29			
10	QPSK	50	0	22.16	22.26	22.17			
10	16QAM	1	0	22.17	22.07	22.32	23	1	0.35
10	16QAM	1	25	22.36	22.40	22.42			
10	16QAM	1	49	22.24	22.37	22.23			
10	16QAM	25	0	21.10	21.30	21.11	22	2	0.22
10	16QAM	25	12	21.16	21.30	21.26			
10	16QAM	25	25	21.28	21.20	21.25			
10	16QAM	50	0	21.25	21.11	21.08			
10	64QAM	1	0	20.82	20.79	20.89	22	2	0.26
10	64QAM	1	25	20.90	20.86	20.95			
10	64QAM	1	49	20.87	21.03	21.05			
10	64QAM	25	0	20.19	20.05	20.16	21	3	0.27
10	64QAM	25	12	20.30	20.32	20.14			
10	64QAM	25	25	20.14	20.22	20.24			
10	64QAM	50	0	20.14	20.21	20.14			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	Ch Delta > 0.5
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	22.80	22.85	22.90	24	0	0.34
5	QPSK	1	12	22.81	22.90	23.09			
5	QPSK	1	24	22.91	22.87	23.14			
5	QPSK	12	0	22.32	22.25	22.15	23	1	0.25
5	QPSK	12	7	22.34	22.09	22.23			
5	QPSK	12	13	22.18	22.28	22.30			
5	QPSK	25	0	22.13	22.17	22.14			
5	16QAM	1	0	22.11	22.18	22.32	23	1	0.38
5	16QAM	1	12	22.49	22.39	22.35			
5	16QAM	1	24	22.21	22.30	22.26			
5	16QAM	12	0	21.15	21.16	21.16	22	2	0.23
5	16QAM	12	7	21.28	21.29	21.30			
5	16QAM	12	13	21.31	21.33	21.30			
5	16QAM	25	0	21.19	21.10	21.24			
5	64QAM	1	0	20.77	20.75	20.88	22	2	0.30
5	64QAM	1	12	21.04	20.87	21.05			
5	64QAM	1	24	20.96	20.87	21.03			
5	64QAM	12	0	20.24	20.18	20.11	21	3	0.21
5	64QAM	12	7	20.29	20.18	20.19			
5	64QAM	12	13	20.08	20.23	20.24			
5	64QAM	25	0	20.22	20.22	20.23			

Band 41_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.35	22.35	22.42	22.47	22.48	24	0
20	QPSK	1	49	22.45	22.61	22.74	22.64	22.70		
20	QPSK	1	99	22.37	22.50	22.57	22.52	22.63		
20	QPSK	50	0	21.50	21.56	21.88	21.82	21.86	23	1
20	QPSK	50	24	21.39	21.54	21.76	21.79	21.83		
20	QPSK	50	50	21.48	21.53	21.78	21.73	21.85		
20	QPSK	100	0	21.44	21.56	21.87	21.77	21.85		
20	16QAM	1	0	21.42	21.43	21.71	21.75	21.70	23	1
20	16QAM	1	49	21.50	21.60	21.92	21.88	21.88		
20	16QAM	1	99	21.43	21.63	21.79	21.78	21.80		
20	16QAM	50	0	20.61	20.73	20.80	20.80	20.81	22	2
20	16QAM	50	24	20.67	20.74	20.81	20.80	20.84		
20	16QAM	50	50	20.65	20.71	20.83	20.76	20.86		
20	16QAM	100	0	20.62	20.72	20.80	20.80	20.87		
20	64QAM	1	0	20.28	20.29	20.38	20.40	20.43	22	2
20	64QAM	1	49	20.39	20.44	20.60	20.50	20.58		
20	64QAM	1	99	20.29	20.41	20.51	20.44	20.48		
20	64QAM	50	0	19.58	19.72	19.74	19.77	19.74	21	3
20	64QAM	50	24	19.56	19.74	19.77	19.77	19.78		
20	64QAM	50	50	19.62	19.70	19.77	19.72	19.80		
20	64QAM	100	0	19.59	19.63	19.77	19.75	19.79		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.32	22.32	22.32	22.43	22.38	24	0
15	QPSK	1	37	22.35	22.45	22.73	22.54	22.63		
15	QPSK	1	74	22.43	22.32	22.55	22.48	22.58		
15	QPSK	36	0	21.51	21.65	21.95	21.85	21.79	23	1
15	QPSK	36	20	21.47	21.45	21.73	21.86	21.92		
15	QPSK	36	39	21.57	21.50	21.78	21.71	21.92		
15	QPSK	75	0	21.46	21.66	21.97	21.67	21.77		
15	16QAM	1	0	21.42	21.36	21.76	21.83	21.64	23	1
15	16QAM	1	37	21.51	21.66	21.98	21.97	21.85		
15	16QAM	1	74	21.46	21.73	21.80	21.74	21.74		
15	16QAM	36	0	20.53	20.69	20.73	20.71	20.80	22	2
15	16QAM	36	20	20.71	20.80	20.89	20.84	20.75		
15	16QAM	36	39	20.59	20.74	20.83	20.79	20.94		
15	16QAM	75	0	20.72	20.72	20.72	20.77	20.83		
15	64QAM	1	0	20.30	20.38	20.44	20.33	20.35	22	2
15	64QAM	1	37	20.34	20.38	20.65	20.53	20.52		
15	64QAM	1	74	20.38	20.46	20.44	20.35	20.51		
15	64QAM	36	0	19.57	19.68	19.74	19.67	19.77	21	3
15	64QAM	36	20	19.49	19.83	19.76	19.71	19.83		
15	64QAM	36	39	19.60	19.63	19.87	19.65	19.70		
15	64QAM	75	0	19.58	19.67	19.67	19.74	19.70		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.44	22.32	22.48	22.39	22.54	24	0
10	QPSK	1	25	22.40	22.39	22.73	22.57	22.72		
10	QPSK	1	49	22.43	22.40	22.58	22.50	22.55		
10	QPSK	25	0	21.53	21.53	21.95	21.78	21.76	23	1
10	QPSK	25	12	21.47	21.50	21.67	21.78	21.74		
10	QPSK	25	25	21.42	21.59	21.84	21.74	21.85		
10	QPSK	50	0	21.53	21.62	21.85	21.80	21.95		
10	16QAM	1	0	21.36	21.40	21.64	21.84	21.80	23	1
10	16QAM	1	25	21.44	21.50	21.92	21.92	21.80		
10	16QAM	1	49	21.51	21.61	21.75	21.77	21.89		
10	16QAM	25	0	20.71	20.83	20.70	20.75	20.83	22	2
10	16QAM	25	12	20.58	20.82	20.84	20.78	20.93		
10	16QAM	25	25	20.62	20.63	20.82	20.84	20.88		
10	16QAM	50	0	20.65	20.80	20.77	20.79	20.84		
10	64QAM	1	0	20.28	20.23	20.31	20.43	20.46	22	2
10	64QAM	1	25	20.47	20.38	20.55	20.49	20.58		
10	64QAM	1	49	20.37	20.46	20.54	20.38	20.38		
10	64QAM	25	0	19.68	19.82	19.71	19.82	19.80	21	3
10	64QAM	25	12	19.57	19.83	19.69	19.78	19.84		
10	64QAM	25	25	19.52	19.64	19.71	19.72	19.70		
10	64QAM	50	0	19.66	19.56	19.81	19.76	19.81		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.25	22.38	22.46	22.50	22.48	24	0
5	QPSK	1	12	22.41	22.31	22.64	22.58	22.63		
5	QPSK	1	24	22.30	22.39	22.53	22.43	22.68		
5	QPSK	12	0	21.58	21.61	21.92	21.76	21.94	23	1
5	QPSK	12	7	21.49	21.53	21.84	21.89	21.92		
5	QPSK	12	13	21.56	21.49	21.84	21.63	21.94		
5	QPSK	25	0	21.45	21.56	21.97	21.79	21.79		
5	16QAM	1	0	21.51	21.34	21.75	21.76	21.80	23	1
5	16QAM	1	12	21.42	21.55	21.83	21.82	21.86		
5	16QAM	1	24	21.53	21.60	21.69	21.84	21.71		
5	16QAM	12	0	20.70	20.76	20.90	20.88	20.85	22	2
5	16QAM	12	7	20.60	20.80	20.73	20.88	20.94		
5	16QAM	12	13	20.68	20.69	20.77	20.81	20.85		
5	16QAM	25	0	20.61	20.66	20.72	20.80	20.83		
5	64QAM	1	0	20.18	20.26	20.35	20.44	20.36	22	2
5	64QAM	1	12	20.36	20.34	20.66	20.49	20.62		
5	64QAM	1	24	20.24	20.48	20.61	20.51	20.51		
5	64QAM	12	0	19.67	19.79	19.71	19.71	19.75	21	3
5	64QAM	12	7	19.61	19.79	19.71	19.86	19.85		
5	64QAM	12	13	19.68	19.66	19.87	19.82	19.71		
5	64QAM	25	0	19.59	19.58	19.68	19.69	19.71		

Band 41(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.89	22.90	22.97	22.99	23.02	24	0
20	QPSK	1	49	22.99	23.12	23.30	23.13	23.25		
20	QPSK	1	99	22.92	23.02	23.06	23.03	23.15		
20	QPSK	50	0	22.04	22.06	22.41	22.29	22.35	23	1
20	QPSK	50	24	21.90	22.04	22.23	22.26	22.31		
20	QPSK	50	50	22.00	22.04	22.28	22.26	22.34		
20	QPSK	100	0	21.91	22.03	22.36	22.30	22.32		
20	16QAM	1	0	21.94	21.94	22.23	22.26	22.18	23	1
20	16QAM	1	49	22.02	22.14	22.41	22.40	22.40		
20	16QAM	1	99	21.92	22.11	22.26	22.29	22.27		
20	16QAM	50	0	21.13	21.20	21.28	21.30	21.28	22	2
20	16QAM	50	24	21.18	21.23	21.31	21.27	21.34		
20	16QAM	50	50	21.16	21.19	21.32	21.28	21.37		
20	16QAM	100	0	21.09	21.18	21.29	21.25	21.37		
20	64QAM	1	0	20.74	20.77	20.85	20.85	20.92	22	2
20	64QAM	1	49	20.83	20.91	21.11	20.97	21.06		
20	64QAM	1	99	20.77	20.86	20.96	20.93	20.96		
20	64QAM	50	0	20.06	20.15	20.24	20.26	20.19	21	3
20	64QAM	50	24	20.01	20.20	20.26	20.24	20.21		
20	64QAM	50	50	20.04	20.18	20.22	20.16	20.23		
20	64QAM	100	0	20.03	20.11	20.20	20.23	20.22		
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	22.80	22.80	23.04	23.04	23.04	24	0
15	QPSK	1	37	23.00	22.96	23.24	23.19	23.18		
15	QPSK	1	74	23.01	22.84	23.15	23.09	23.21		
15	QPSK	36	0	22.00	22.00	22.45	22.19	22.45	23	1
15	QPSK	36	20	21.90	22.12	22.23	22.24	22.39		
15	QPSK	36	39	22.10	22.06	22.28	22.23	22.37		
15	QPSK	75	0	21.92	22.08	22.31	22.36	22.27		
15	16QAM	1	0	22.00	21.93	22.28	22.34	22.13	23	1
15	16QAM	1	37	22.07	22.21	22.35	22.39	22.41		
15	16QAM	1	74	22.01	22.03	22.26	22.25	22.17		
15	16QAM	36	0	21.12	21.30	21.18	21.28	21.30	22	2
15	16QAM	36	20	21.19	21.29	21.40	21.24	21.32		
15	16QAM	36	39	21.22	21.09	21.38	21.25	21.29		
15	16QAM	75	0	21.11	21.08	21.27	21.28	21.46		
15	64QAM	1	0	20.84	20.68	20.90	20.95	20.88	22	2
15	64QAM	1	37	20.92	20.93	21.15	20.90	21.12		
15	64QAM	1	74	20.86	20.82	20.94	21.02	20.94		
15	64QAM	36	0	20.16	20.22	20.18	20.26	20.24	21	3
15	64QAM	36	20	19.99	20.17	20.21	20.31	20.23		
15	64QAM	36	39	19.97	20.21	20.21	20.14	20.30		
15	64QAM	75	0	20.13	20.21	20.11	20.20	20.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.83	22.81	22.98	22.97	22.98	24	0
10	QPSK	1	25	22.91	22.94	23.22	23.20	23.21		
10	QPSK	1	49	22.94	22.92	23.16	22.93	23.12		
10	QPSK	25	0	22.14	21.99	22.35	22.29	22.44	23	1
10	QPSK	25	12	21.85	21.98	22.17	22.35	22.28		
10	QPSK	25	25	22.06	21.96	22.38	22.19	22.24		
10	QPSK	50	0	21.82	22.10	22.39	22.33	22.23		
10	16QAM	1	0	21.84	21.85	22.26	22.22	22.13	23	1
10	16QAM	1	25	21.92	22.10	22.45	22.32	22.39		
10	16QAM	1	49	21.89	22.19	22.31	22.26	22.26		
10	16QAM	25	0	21.18	21.28	21.30	21.34	21.22	22	2
10	16QAM	25	12	21.21	21.30	21.31	21.35	21.35		
10	16QAM	25	25	21.23	21.10	21.35	21.25	21.40		
10	16QAM	50	0	21.17	21.17	21.21	21.32	21.41		
10	64QAM	1	0	20.67	20.78	20.77	20.79	20.87	22	2
10	64QAM	1	25	20.93	20.84	21.10	20.89	21.10		
10	64QAM	1	49	20.72	20.96	20.99	20.93	20.97		
10	64QAM	25	0	20.10	20.08	20.15	20.31	20.29	21	3
10	64QAM	25	12	20.00	20.24	20.27	20.18	20.12		
10	64QAM	25	25	20.00	20.13	20.22	20.09	20.15		
10	64QAM	50	0	20.00	20.08	20.30	20.21	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	22.85	22.88	22.96	23.06	22.93	24	0
5	QPSK	1	12	22.91	22.82	23.24	23.23	23.27		
5	QPSK	1	24	22.86	22.96	23.09	23.12	23.11		
5	QPSK	12	0	22.03	22.16	22.33	22.26	22.30	23	1
5	QPSK	12	7	21.99	22.14	22.21	22.28	22.37		
5	QPSK	12	13	21.93	21.97	22.23	22.33	22.28		
5	QPSK	25	0	21.86	22.02	22.34	22.25	22.40		
5	16QAM	1	0	22.03	21.86	22.17	22.24	22.24	23	1
5	16QAM	1	12	21.99	22.07	22.51	22.37	22.36		
5	16QAM	1	24	21.96	22.19	22.34	22.36	22.36		
5	16QAM	12	0	21.21	21.11	21.26	21.33	21.26	22	2
5	16QAM	12	7	21.22	21.18	21.27	21.25	21.39		
5	16QAM	12	13	21.24	21.24	21.23	21.37	21.36		
5	16QAM	25	0	21.02	21.09	21.38	21.32	21.31		
5	64QAM	1	0	20.72	20.80	20.80	20.82	20.93	22	2
5	64QAM	1	12	20.78	20.92	21.01	20.93	21.08		
5	64QAM	1	24	20.70	20.92	20.98	20.89	20.96		
5	64QAM	12	0	19.97	20.05	20.22	20.19	20.13	21	3
5	64QAM	12	7	19.92	20.27	20.25	20.31	20.21		
5	64QAM	12	13	20.03	20.21	20.15	20.17	20.22		
5	64QAM	25	0	20.09	20.15	20.26	20.30	20.19		

Part 27Q_Band 42_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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.90	23.04	22.84	24	0
20	QPSK	1	49	23.08	23.07	22.94		
20	QPSK	1	99	22.78	22.85	22.68		
20	QPSK	50	0	22.16	22.15	21.95	23	1
20	QPSK	50	24	22.00	22.08	21.91		
20	QPSK	50	50	21.99	21.95	21.90		
20	QPSK	100	0	22.06	22.05	21.94		
20	16QAM	1	0	21.98	22.04	21.89	23	1
20	16QAM	1	49	22.06	22.05	21.94		
20	16QAM	1	99	21.83	21.88	21.72		
20	16QAM	50	0	20.99	21.14	20.97	22	2
20	16QAM	50	24	21.06	21.01	20.93		
20	16QAM	50	50	20.93	21.00	20.88		
20	16QAM	100	0	20.98	21.03	20.86		
20	64QAM	1	0	20.67	20.78	20.60	22	2
20	64QAM	1	49	20.80	20.76	20.69		
20	64QAM	1	99	20.51	20.60	20.43		
20	64QAM	50	0	20.00	20.07	19.91	21	3
20	64QAM	50	24	19.95	20.04	19.92		
20	64QAM	50	50	19.94	19.99	19.79		
20	64QAM	100	0	19.93	20.00	19.89		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.96	22.97	22.86	24	0
15	QPSK	1	37	23.06	23.05	22.88		
15	QPSK	1	74	22.76	22.82	22.66		
15	QPSK	36	0	21.95	22.07	21.88	23	1
15	QPSK	36	20	21.92	22.05	21.91		
15	QPSK	36	39	21.93	21.95	21.96		
15	QPSK	75	0	22.04	22.04	21.86		
15	16QAM	1	0	22.05	22.01	21.88	23	1
15	16QAM	1	37	22.13	22.08	21.95		
15	16QAM	1	74	21.93	21.87	21.71		
15	16QAM	36	0	21.05	21.10	21.01	22	2
15	16QAM	36	20	21.11	20.96	20.83		
15	16QAM	36	39	20.92	20.97	20.85		
15	16QAM	75	0	20.97	21.09	20.78		
15	64QAM	1	0	20.73	20.84	20.51	22	2
15	64QAM	1	37	20.90	20.71	20.70		
15	64QAM	1	74	20.59	20.63	20.42		
15	64QAM	36	0	19.95	20.16	19.83	21	3
15	64QAM	36	20	19.97	20.00	19.96		
15	64QAM	36	39	19.88	19.99	19.76		
15	64QAM	75	0	19.89	20.04	19.88		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.82	22.96	22.77	24	0
10	QPSK	1	25	22.98	23.01	22.96		
10	QPSK	1	49	22.68	22.85	22.60		
10	QPSK	25	0	21.99	22.09	21.88	23	1
10	QPSK	25	12	22.05	22.06	21.96		
10	QPSK	25	25	21.90	21.99	21.86		
10	QPSK	50	0	22.00	22.03	21.89		
10	16QAM	1	0	21.98	21.94	21.86	23	1
10	16QAM	1	25	22.05	22.01	21.89		
10	16QAM	1	49	21.76	21.95	21.65		
10	16QAM	25	0	20.90	21.16	21.06	22	2
10	16QAM	25	12	20.99	21.00	20.86		
10	16QAM	25	25	20.97	21.10	20.80		
10	16QAM	50	0	20.88	21.13	20.80		
10	64QAM	1	0	20.63	20.83	20.57	22	2
10	64QAM	1	25	20.77	20.79	20.62		
10	64QAM	1	49	20.41	20.68	20.44		
10	64QAM	25	0	20.06	20.00	19.87	21	3
10	64QAM	25	12	19.95	19.98	19.89		
10	64QAM	25	25	19.92	19.95	19.87		
10	64QAM	50	0	19.86	19.93	19.98		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.00	23.02	22.89	24	0
5	QPSK	1	12	23.03	22.97	22.88		
5	QPSK	1	24	22.87	22.79	22.73		
5	QPSK	12	0	22.04	22.05	21.99	23	1
5	QPSK	12	7	21.92	22.11	21.95		
5	QPSK	12	13	21.94	21.95	21.92		
5	QPSK	25	0	21.92	22.00	21.97		
5	16QAM	1	0	22.01	22.01	21.80	23	1
5	16QAM	1	12	22.12	21.99	21.93		
5	16QAM	1	24	21.78	21.92	21.78		
5	16QAM	12	0	21.06	21.24	21.05	22	2
5	16QAM	12	7	21.11	20.96	20.83		
5	16QAM	12	13	20.84	20.98	20.98		
5	16QAM	25	0	20.90	21.09	20.82		
5	64QAM	1	0	20.65	20.81	20.62	22	2
5	64QAM	1	12	20.73	20.74	20.78		
5	64QAM	1	24	20.51	20.57	20.53		
5	64QAM	12	0	19.96	20.01	19.94	21	3
5	64QAM	12	7	19.89	20.12	19.88		
5	64QAM	12	13	19.92	19.98	19.86		
5	64QAM	25	0	19.91	20.06	19.99		

Reduced Power Mode for Receiver On

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	31.90	31.83	31.64	**33.50**	22.90	22.83	22.64	24.50
GPRS 1 Tx slot	31.90	31.89	31.62	**33.50**	22.90	22.89	22.62	24.50
GPRS 2 Tx slots	31.36	31.31	31.12	**33.00**	25.36	25.31	25.12	27.00
GPRS 3 Tx slots	29.76	29.74	29.62	**31.50**	25.50	25.48	25.36	27.24
GPRS 4 Tx slots	28.52	28.59	28.54	**30.50**	25.52	25.59	25.54	27.50
EDGE 1 Tx slot	25.79	26.25	25.88	**27.50**	16.79	17.25	16.88	18.50
EDGE 2 Tx slots	24.23	24.39	24.28	**26.50**	18.23	18.39	18.28	19.50
EDGE 3 Tx slots	21.79	22.03	21.96	**23.50**	17.53	17.77	17.70	19.24
EDGE 4 Tx slots	20.49	20.56	20.47	**22.00**	17.49	17.56	17.47	19.00

GSM1900_Ant 1	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	28.93	28.84	28.69	**30.50**	19.93	19.84	19.69	21.50
GPRS 1 Tx slot	28.95	28.89	28.69	**30.50**	19.95	19.89	19.69	21.50
GPRS 2 Tx slots	28.34	28.23	28.02	**30.00**	22.34	22.23	22.02	24.00
GPRS 3 Tx slots	26.78	26.67	26.55	**28.50**	22.52	22.41	22.29	24.24
GPRS 4 Tx slots	25.50	25.61	25.54	**27.50**	22.50	22.61	22.54	24.50
EDGE 1 Tx slot	25.19	24.85	24.70	**26.50**	16.19	15.85	15.70	17.50
EDGE 2 Tx slots	23.99	23.78	23.54	**25.50**	17.99	17.78	17.54	19.50
EDGE 3 Tx slots	21.66	21.67	21.53	**23.50**	17.40	17.41	17.27	19.24
EDGE 4 Tx slots	20.27	20.28	20.10	**22.00**	17.27	17.28	17.10	19.00

Band		WCDMA II_Ant 1			Tune-up Limit (dBm)	WCDMA IV_Ant 1			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.53	22.72	22.71	**24.00**	22.29	22.36	22.31	**24.00**	22.52	22.58	22.49	**24.00**
3GPP Rel 99	RMC 12.2Kbps	22.54	22.78	22.74	**24.00**	22.33	22.38	22.32	**24.00**	22.56	22.61	22.50	**24.00**
3GPP Rel 6	HSDPA Subtest-1	21.55	21.71	21.66	**23.00**	21.28	21.35	21.31	**23.00**	21.48	21.62	21.47	**23.00**
3GPP Rel 6	HSDPA Subtest-2	21.55	21.67	21.63	**23.00**	21.24	21.30	21.33	**23.00**	21.47	21.60	21.47	**23.00**
3GPP Rel 6	HSDPA Subtest-3	21.07	21.23	21.15	**22.50**	20.83	20.87	20.84	**22.50**	21.01	21.12	21.00	**22.50**
3GPP Rel 6	HSDPA Subtest-4	21.01	21.18	21.11	**22.50**	20.77	20.80	20.78	**22.50**	20.96	21.09	20.97	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	21.81	21.88	21.87	**23.00**	21.23	21.24	21.26	**23.00**	21.62	21.67	21.56	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	21.86	21.86	21.82	**23.00**	21.17	21.16	21.25	**23.00**	21.65	21.66	21.59	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	21.37	21.36	21.40	**22.50**	20.62	20.63	20.71	**22.50**	21.13	21.20	21.03	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	21.30	21.35	21.30	**22.50**	20.67	20.64	20.70	**22.50**	21.09	21.18	21.14	**22.50**
3GPP Rel 6	HSUPA Subtest-1	19.52	19.70	19.71	**21.00**	19.25	19.32	19.26	**21.00**	19.45	19.44	19.42	**21.00**
3GPP Rel 6	HSUPA Subtest-2	19.52	19.67	19.63	**21.00**	19.28	19.30	19.25	**21.00**	19.43	19.45	19.46	**21.00**
3GPP Rel 6	HSUPA Subtest-3	20.54	20.71	20.71	**22.00**	20.31	20.34	20.28	**22.00**	20.45	20.46	20.47	**22.00**
3GPP Rel 6	HSUPA Subtest-4	19.06	19.21	19.20	**21.00**	19.00	19.05	19.03	**21.00**	19.04	19.03	19.01	**21.00**
3GPP Rel 6	HSUPA Subtest-5	20.50	20.70	20.60	**22.00**	20.20	20.30	20.30	**22.00**	20.40	20.60	20.40	**22.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.63	19.67	19.62	**20.50**	19.29	19.33	19.27	**20.50**	19.43	19.44	19.48	**20.50**

Band 2_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.40	22.41	22.43	24	0
20	QPSK	1	49	22.42	22.57	22.45		
20	QPSK	1	99	22.18	22.36	22.34		
20	QPSK	50	0	21.49	21.54	21.50	23	1
20	QPSK	50	24	21.46	21.44	21.49		
20	QPSK	50	50	21.37	21.40	21.40		
20	QPSK	100	0	21.37	21.42	21.40		
20	16QAM	1	0	21.47	21.92	21.93	23	1
20	16QAM	1	49	21.61	21.68	21.68		
20	16QAM	1	99	21.71	21.75	21.44		
20	16QAM	50	0	20.35	20.44	20.45	22	2
20	16QAM	50	24	20.47	20.48	20.46		
20	16QAM	50	50	20.36	20.31	20.38		
20	16QAM	100	0	20.41	20.38	20.37		
20	64QAM	1	0	20.60	20.37	20.42	22	2
20	64QAM	1	49	20.19	20.73	20.66		
20	64QAM	1	99	20.32	20.68	20.33		
20	64QAM	50	0	19.40	19.45	19.45	21	3
20	64QAM	50	24	19.38	19.42	19.45		
20	64QAM	50	50	19.39	19.30	19.35		
20	64QAM	100	0	19.33	19.36	19.35		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.34	22.48	22.44	24	0
15	QPSK	1	37	22.36	22.56	22.41		
15	QPSK	1	74	22.12	22.31	22.28		
15	QPSK	36	0	21.45	21.59	21.54	23	1
15	QPSK	36	20	21.40	21.51	21.54		
15	QPSK	36	39	21.43	21.31	21.34		
15	QPSK	75	0	21.47	21.48	21.43		
15	16QAM	1	0	21.55	21.92	21.95	23	1
15	16QAM	1	37	21.66	21.64	21.76		
15	16QAM	1	74	21.62	21.77	21.35		
15	16QAM	36	0	20.32	20.35	20.50	22	2
15	16QAM	36	20	20.50	20.38	20.54		
15	16QAM	36	39	20.33	20.23	20.46		
15	16QAM	75	0	20.44	20.43	20.30		
15	64QAM	1	0	20.62	20.45	20.43	22	2
15	64QAM	1	37	20.14	20.65	20.67		
15	64QAM	1	74	20.40	20.66	20.39		
15	64QAM	36	0	19.49	19.52	19.43	21	3
15	64QAM	36	20	19.35	19.42	19.39		
15	64QAM	36	39	19.31	19.32	19.26		
15	64QAM	75	0	19.36	19.32	19.39		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.36	22.32	22.42	24	0
10	QPSK	1	25	22.51	22.45	22.36		
10	QPSK	1	49	22.19	22.27	22.31		
10	QPSK	25	0	21.56	21.44	21.53	23	1
10	QPSK	25	12	21.45	21.36	21.55		
10	QPSK	25	25	21.43	21.47	21.50		
10	QPSK	50	0	21.45	21.33	21.37		
10	16QAM	1	0	21.53	22.02	21.91	23	1
10	16QAM	1	25	21.55	21.75	21.70		
10	16QAM	1	49	21.73	21.75	21.39		
10	16QAM	25	0	20.44	20.37	20.55	22	2
10	16QAM	25	12	20.51	20.54	20.38		
10	16QAM	25	25	20.34	20.28	20.33		
10	16QAM	50	0	20.44	20.28	20.31		
10	64QAM	1	0	20.63	20.30	20.48	22	2
10	64QAM	1	25	20.22	20.72	20.67		
10	64QAM	1	49	20.26	20.66	20.43		
10	64QAM	25	0	19.31	19.38	19.39	21	3
10	64QAM	25	12	19.28	19.46	19.55		
10	64QAM	25	25	19.49	19.39	19.27		
10	64QAM	50	0	19.40	19.28	19.28		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.31	22.43	22.51	24	0
5	QPSK	1	12	22.40	22.55	22.46		
5	QPSK	1	24	22.28	22.26	22.34		
5	QPSK	12	0	21.47	21.57	21.55	23	1
5	QPSK	12	7	21.40	21.36	21.41		
5	QPSK	12	13	21.41	21.45	21.47		
5	QPSK	25	0	21.44	21.48	21.34		
5	16QAM	1	0	21.49	21.94	21.86	23	1
5	16QAM	1	12	21.64	21.59	21.63		
5	16QAM	1	24	21.74	21.67	21.35		
5	16QAM	12	0	20.34	20.50	20.50	22	2
5	16QAM	12	7	20.53	20.50	20.52		
5	16QAM	12	13	20.33	20.22	20.46		
5	16QAM	25	0	20.37	20.44	20.38		
5	64QAM	1	0	20.69	20.28	20.46	22	2
5	64QAM	1	12	20.13	20.72	20.76		
5	64QAM	1	24	20.34	20.72	20.27		
5	64QAM	12	0	19.42	19.48	19.46	21	3
5	64QAM	12	7	19.36	19.48	19.45		
5	64QAM	12	13	19.29	19.34	19.36		
5	64QAM	25	0	19.23	19.46	19.41		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.42	22.31	22.49	24	0
3	QPSK	1	8	22.38	22.56	22.55		
3	QPSK	1	14	22.22	22.32	22.31		
3	QPSK	8	0	21.47	21.51	21.51	23	1
3	QPSK	8	4	21.47	21.54	21.51		
3	QPSK	8	7	21.32	21.37	21.39		
3	QPSK	15	0	21.28	21.52	21.31		
3	16QAM	1	0	21.50	21.83	21.91	23	1
3	16QAM	1	8	21.61	21.70	21.75		
3	16QAM	1	14	21.81	21.66	21.36		
3	16QAM	8	0	20.40	20.37	20.44	22	2
3	16QAM	8	4	20.55	20.49	20.42		
3	16QAM	8	7	20.31	20.36	20.46		
3	16QAM	15	0	20.45	20.46	20.27		
3	64QAM	1	0	20.63	20.32	20.37	22	2
3	64QAM	1	8	20.18	20.74	20.73		
3	64QAM	1	14	20.27	20.76	20.29		
3	64QAM	8	0	19.48	19.53	19.52	21	3
3	64QAM	8	4	19.40	19.34	19.39		
3	64QAM	8	7	19.38	19.21	19.29		
3	64QAM	15	0	19.40	19.32	19.35		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.50	22.44	22.43	24	0
1.4	QPSK	1	3	22.31	22.55	22.44		
1.4	QPSK	1	5	22.42	22.54	22.47		
1.4	QPSK	3	0	22.44	22.53	22.44		
1.4	QPSK	3	1	22.43	22.44	22.50		
1.4	QPSK	3	3	22.43	22.50	22.48		
1.4	QPSK	6	0	21.41	21.49	21.49	23	1
1.4	16QAM	1	0	21.60	21.67	21.39	23	1
1.4	16QAM	1	3	21.90	21.77	21.98		
1.4	16QAM	1	5	21.34	21.99	21.90		
1.4	16QAM	3	0	21.45	21.51	21.53		
1.4	16QAM	3	1	21.53	21.54	21.26		
1.4	16QAM	3	3	21.31	21.33	21.37		
1.4	16QAM	6	0	20.37	20.61	20.47	22	2
1.4	64QAM	1	0	20.22	20.22	20.74	22	2
1.4	64QAM	1	3	20.56	20.52	20.49		
1.4	64QAM	1	5	20.60	20.72	20.75		
1.4	64QAM	3	0	20.54	20.65	20.67		
1.4	64QAM	3	1	20.64	20.31	20.63		
1.4	64QAM	3	3	20.44	20.55	20.58		
1.4	64QAM	6	0	19.33	19.47	19.33	21	3

Band 2(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.99	22.98	23.00	24	0
20	QPSK	1	49	23.00	23.20	23.06		
20	QPSK	1	99	22.75	22.97	22.90		
20	QPSK	50	0	22.04	22.11	22.09	23	1
20	QPSK	50	24	22.03	22.03	22.03		
20	QPSK	50	50	21.92	22.01	21.98		
20	QPSK	100	0	21.93	22.02	21.95		
20	16QAM	1	0	22.04	22.48	22.50	23	1
20	16QAM	1	49	22.18	22.27	22.25		
20	16QAM	1	99	22.31	22.37	22.05		
20	16QAM	50	0	20.90	21.02	20.99	22	2
20	16QAM	50	24	21.06	21.04	21.03		
20	16QAM	50	50	20.91	20.86	20.92		
20	16QAM	100	0	20.98	20.95	20.89		
20	64QAM	1	0	21.13	20.92	20.96	22	2
20	64QAM	1	49	20.70	21.27	21.22		
20	64QAM	1	99	20.85	21.24	20.85		
20	64QAM	50	0	19.90	19.99	20.00	21	3
20	64QAM	50	24	19.89	19.98	19.99		
20	64QAM	50	50	19.91	19.83	19.87		
20	64QAM	100	0	19.86	19.88	19.86		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.04	23.08	22.93	24	0
15	QPSK	1	37	23.08	23.00	22.96		
15	QPSK	1	74	22.80	22.98	22.99		
15	QPSK	36	0	22.00	22.10	22.10	23	1
15	QPSK	36	20	22.04	22.09	22.12		
15	QPSK	36	39	21.85	22.07	21.90		
15	QPSK	75	0	21.97	22.07	21.95		
15	16QAM	1	0	21.95	22.41	22.48	23	1
15	16QAM	1	37	22.22	22.19	22.23		
15	16QAM	1	74	22.26	22.35	22.13		
15	16QAM	36	0	20.80	21.09	20.99	22	2
15	16QAM	36	20	21.14	21.05	21.08		
15	16QAM	36	39	20.88	20.87	20.96		
15	16QAM	75	0	21.02	20.95	20.96		
15	64QAM	1	0	21.21	21.02	20.98	22	2
15	64QAM	1	37	20.60	21.19	21.20		
15	64QAM	1	74	20.94	21.32	20.90		
15	64QAM	36	0	19.80	19.93	19.91	21	3
15	64QAM	36	20	19.90	20.01	19.91		
15	64QAM	36	39	19.96	19.86	19.78		
15	64QAM	75	0	19.83	19.95	19.84		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.93	22.98	23.03	24	0
10	QPSK	1	25	22.98	23.02	22.98		
10	QPSK	1	49	22.70	23.06	22.83		
10	QPSK	25	0	22.11	22.11	22.15	23	1
10	QPSK	25	12	21.98	22.06	22.02		
10	QPSK	25	25	21.89	22.10	22.07		
10	QPSK	50	0	21.96	22.06	21.98		
10	16QAM	1	0	21.99	22.56	22.47	23	1
10	16QAM	1	25	22.21	22.35	22.35		
10	16QAM	1	49	22.36	22.42	21.95		
10	16QAM	25	0	20.87	21.10	21.01	22	2
10	16QAM	25	12	21.07	21.00	21.08		
10	16QAM	25	25	20.89	20.86	20.98		
10	16QAM	50	0	20.88	20.86	20.94		
10	64QAM	1	0	21.06	20.87	20.88	22	2
10	64QAM	1	25	20.79	21.37	21.29		
10	64QAM	1	49	20.85	21.26	20.86		
10	64QAM	25	0	19.83	20.05	19.97	21	3
10	64QAM	25	12	19.82	19.92	20.06		
10	64QAM	25	25	19.84	19.81	19.96		
10	64QAM	50	0	19.78	19.86	19.96		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.90	22.96	23.00	24	0
5	QPSK	1	12	23.05	23.09	23.03		
5	QPSK	1	24	22.68	23.05	22.87		
5	QPSK	12	0	22.08	22.12	22.02	23	1
5	QPSK	12	7	22.03	22.04	21.94		
5	QPSK	12	13	21.85	22.00	21.88		
5	QPSK	25	0	21.98	21.92	22.01		
5	16QAM	1	0	22.13	22.52	22.48	23	1
5	16QAM	1	12	22.24	22.18	22.21		
5	16QAM	1	24	22.21	22.27	22.02		
5	16QAM	12	0	20.86	21.02	21.01	22	2
5	16QAM	12	7	21.04	20.94	20.95		
5	16QAM	12	13	20.96	20.88	20.96		
5	16QAM	25	0	20.93	20.86	20.92		
5	64QAM	1	0	21.08	21.00	21.04	22	2
5	64QAM	1	12	20.65	21.32	21.15		
5	64QAM	1	24	20.85	21.16	20.94		
5	64QAM	12	0	19.93	20.09	20.06	21	3
5	64QAM	12	7	19.84	19.97	20.09		
5	64QAM	12	13	19.92	19.84	19.90		
5	64QAM	25	0	19.78	19.84	19.89		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.90	23.03	23.00	24	0
3	QPSK	1	8	22.91	23.04	23.13		
3	QPSK	1	14	22.84	22.90	22.86		
3	QPSK	8	0	22.03	22.08	22.11	23	1
3	QPSK	8	4	22.13	21.94	21.96		
3	QPSK	8	7	21.88	22.03	22.04		
3	QPSK	15	0	22.03	21.93	22.01		
3	16QAM	1	0	22.13	22.52	22.59	23	1
3	16QAM	1	8	22.14	22.22	22.29		
3	16QAM	1	14	22.35	22.47	22.12		
3	16QAM	8	0	20.89	21.12	21.04	22	2
3	16QAM	8	4	21.00	21.08	21.13		
3	16QAM	8	7	20.91	20.88	21.00		
3	16QAM	15	0	21.08	20.86	20.89		
3	64QAM	1	0	21.12	20.93	21.03	22	2
3	64QAM	1	8	20.63	21.24	21.17		
3	64QAM	1	14	20.82	21.18	20.86		
3	64QAM	8	0	19.85	20.04	20.10	21	3
3	64QAM	8	4	19.99	20.02	19.90		
3	64QAM	8	7	19.84	19.93	19.91		
3	64QAM	15	0	19.93	19.98	19.91		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.13	23.04	23.03	24	0
1.4	QPSK	1	3	22.94	23.18	23.05		
1.4	QPSK	1	5	23.00	23.14	23.07		
1.4	QPSK	3	0	23.02	23.11	23.06		
1.4	QPSK	3	1	23.04	23.02	23.08		
1.4	QPSK	3	3	23.06	23.15	23.13		
1.4	QPSK	6	0	22.03	22.11	22.10	23	1
1.4	16QAM	1	0	22.17	22.27	22.01	23	1
1.4	16QAM	1	3	22.53	22.35	22.56		
1.4	16QAM	1	5	21.92	22.62	22.53		
1.4	16QAM	3	0	22.03	22.12	22.10		
1.4	16QAM	3	1	22.10	22.15	21.85		
1.4	16QAM	3	3	21.86	21.95	21.97		
1.4	16QAM	6	0	20.93	21.18	21.04	22	2
1.4	64QAM	1	0	20.80	20.82	21.34	22	2
1.4	64QAM	1	3	21.10	21.10	21.03		
1.4	64QAM	1	5	21.18	21.28	21.34		
1.4	64QAM	3	0	21.10	21.23	21.22		
1.4	64QAM	3	1	21.21	20.90	21.18		
1.4	64QAM	3	3	20.99	21.10	21.18		
1.4	64QAM	6	0	19.89	20.06	19.84	21	3

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	18.24	18.41	18.26	20	0
20	QPSK	1	49	18.37	18.51	18.30		
20	QPSK	1	99	18.31	18.38	18.29		
20	QPSK	50	0	17.33	17.46	17.21	19	1
20	QPSK	50	24	17.21	17.42	17.12		
20	QPSK	50	50	17.30	17.44	17.14		
20	QPSK	100	0	17.20	17.37	17.12		
20	16QAM	1	0	17.19	17.44	17.14	19	1
20	16QAM	1	49	17.18	17.37	17.09		
20	16QAM	1	99	17.23	17.45	17.09		
20	16QAM	50	0	16.19	16.45	16.13	18	2
20	16QAM	50	24	16.31	16.35	16.13		
20	16QAM	50	50	16.25	16.43	16.09		
20	16QAM	100	0	16.24	16.32	16.06		
20	64QAM	1	0	16.23	16.38	16.20	18	2
20	64QAM	1	49	16.29	16.40	16.08		
20	64QAM	1	99	16.29	16.38	16.18		
20	64QAM	50	0	15.32	15.36	15.07	17	3
20	64QAM	50	24	15.24	15.40	15.10		
20	64QAM	50	50	15.31	15.34	15.11		
20	64QAM	100	0	15.27	15.35	15.09		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.23	18.23	18.09	20	0
15	QPSK	1	37	18.24	18.33	18.32		
15	QPSK	1	74	18.20	18.23	18.29		
15	QPSK	36	0	17.26	17.23	17.28	19	1
15	QPSK	36	20	17.07	17.10	17.11		
15	QPSK	36	39	17.15	17.22	17.25		
15	QPSK	75	0	17.16	17.10	17.11		
15	16QAM	1	0	17.06	17.11	17.07	19	1
15	16QAM	1	37	17.04	17.09	17.13		
15	16QAM	1	74	17.13	17.12	17.18		
15	16QAM	36	0	16.12	16.09	16.08	18	2
15	16QAM	36	20	16.17	16.30	16.16		
15	16QAM	36	39	16.14	16.24	16.10		
15	16QAM	75	0	16.18	16.22	16.22		
15	64QAM	1	0	16.21	16.14	16.08	18	2
15	64QAM	1	37	16.17	16.18	16.22		
15	64QAM	1	74	16.16	16.16	16.19		
15	64QAM	36	0	15.19	15.25	15.20	17	3
15	64QAM	36	20	15.10	15.17	15.11		
15	64QAM	36	39	15.30	15.19	15.23		
15	64QAM	75	0	15.26	15.22	15.25		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.19	18.18	18.17	20	0
10	QPSK	1	25	18.31	18.26	18.29		
10	QPSK	1	49	18.18	18.22	18.22		
10	QPSK	25	0	17.21	17.32	17.28	19	1
10	QPSK	25	12	17.12	17.10	17.17		
10	QPSK	25	25	17.26	17.19	17.20		
10	QPSK	50	0	17.13	17.05	17.06		
10	16QAM	1	0	17.06	17.17	17.17	19	1
10	16QAM	1	25	17.12	17.09	17.15		
10	16QAM	1	49	17.11	17.14	17.16		
10	16QAM	25	0	16.04	16.08	16.15	18	2
10	16QAM	25	12	16.19	16.17	16.30		
10	16QAM	25	25	16.18	16.21	16.17		
10	16QAM	50	0	16.22	16.21	16.21		
10	64QAM	1	0	16.19	16.09	16.17	18	2
10	64QAM	1	25	16.19	16.24	16.19		
10	64QAM	1	49	16.18	16.27	16.25		
10	64QAM	25	0	15.26	15.29	15.29	17	3
10	64QAM	25	12	15.16	15.14	15.13		
10	64QAM	25	25	15.24	15.17	15.29		
10	64QAM	50	0	15.18	15.13	15.16		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.13	18.18	18.23	20	0
5	QPSK	1	12	18.34	18.27	18.22		
5	QPSK	1	24	18.18	18.19	18.30		
5	QPSK	12	0	17.22	17.27	17.22	19	1
5	QPSK	12	7	17.14	17.06	17.10		
5	QPSK	12	13	17.28	17.16	17.26		
5	QPSK	25	0	17.11	17.13	17.07		
5	16QAM	1	0	17.11	17.13	17.11	19	1
5	16QAM	1	12	17.15	17.12	17.08		
5	16QAM	1	24	17.19	17.12	17.14		
5	16QAM	12	0	16.04	16.06	16.08	18	2
5	16QAM	12	7	16.25	16.30	16.16		
5	16QAM	12	13	16.18	16.17	16.15		
5	16QAM	25	0	16.23	16.18	16.18		
5	64QAM	1	0	16.15	16.13	16.10	18	2
5	64QAM	1	12	16.20	16.28	16.28		
5	64QAM	1	24	16.28	16.24	16.20		
5	64QAM	12	0	15.28	15.31	15.28	17	3
5	64QAM	12	7	15.17	15.17	15.11		
5	64QAM	12	13	15.29	15.18	15.18		
5	64QAM	25	0	15.25	15.12	15.14		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.19	18.21	18.23	20	0
3	QPSK	1	8	18.33	18.24	18.33		
3	QPSK	1	14	18.21	18.19	18.21		
3	QPSK	8	0	17.29	17.28	17.30	19	1
3	QPSK	8	4	17.17	17.16	17.12		
3	QPSK	8	7	17.26	17.18	17.22		
3	QPSK	15	0	17.13	17.09	17.06		
3	16QAM	1	0	17.11	17.09	17.13	19	1
3	16QAM	1	8	17.10	17.17	17.13		
3	16QAM	1	14	17.11	17.18	17.17		
3	16QAM	8	0	16.17	16.13	16.10	18	2
3	16QAM	8	4	16.27	16.27	16.16		
3	16QAM	8	7	16.10	16.12	16.20		
3	16QAM	15	0	16.21	16.09	16.22		
3	64QAM	1	0	16.16	16.22	16.12	18	2
3	64QAM	1	8	16.27	16.20	16.18		
3	64QAM	1	14	16.24	16.21	16.23		
3	64QAM	8	0	15.21	15.25	15.20	17	3
3	64QAM	8	4	15.09	15.15	15.18		
3	64QAM	8	7	15.18	15.22	15.27		
3	64QAM	15	0	15.21	15.17	15.26		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.18	18.11	18.22	20	0
1.4	QPSK	1	3	18.22	18.34	18.35		
1.4	QPSK	1	5	18.17	18.24	18.24		
1.4	QPSK	3	0	18.04	18.16	18.09		
1.4	QPSK	3	1	18.07	18.11	18.11		
1.4	QPSK	3	3	18.15	18.14	18.05		
1.4	QPSK	6	0	17.05	17.11	17.05	19	1
1.4	16QAM	1	0	17.13	17.14	17.08	19	1
1.4	16QAM	1	3	17.13	17.13	17.08		
1.4	16QAM	1	5	17.16	17.21	17.13		
1.4	16QAM	3	0	17.05	17.01	17.06		
1.4	16QAM	3	1	17.12	17.04	17.00		
1.4	16QAM	3	3	17.09	17.03	17.07		
1.4	16QAM	6	0	17.13	17.17	17.17	18	2
1.4	64QAM	1	0	16.14	16.19	16.14	18	2
1.4	64QAM	1	3	16.20	16.25	16.14		
1.4	64QAM	1	5	16.25	16.16	16.21		
1.4	64QAM	3	0	16.13	16.12	16.00		
1.4	64QAM	3	1	16.13	16.18	16.12		
1.4	64QAM	3	3	16.12	16.10	16.20		
1.4	64QAM	6	0	15.22	15.15	15.18	17	3

Band 4_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.05	22.25	22.14	24	0
20	QPSK	1	49	22.23	22.38	22.25		
20	QPSK	1	99	22.05	22.09	22.10		
20	QPSK	50	0	21.20	21.33	21.26	23	1
20	QPSK	50	24	21.19	21.28	21.21		
20	QPSK	50	50	21.07	21.20	21.17		
20	QPSK	100	0	21.12	21.26	21.20		
20	16QAM	1	0	21.47	21.69	21.15	23	1
20	16QAM	1	49	21.09	21.37	21.78		
20	16QAM	1	99	21.57	21.63	21.56		
20	16QAM	50	0	20.22	20.35	20.17	22	2
20	16QAM	50	24	20.16	20.23	20.28		
20	16QAM	50	50	20.04	20.25	20.15		
20	16QAM	100	0	20.10	20.19	20.17		
20	64QAM	1	0	20.04	20.46	20.45	22	2
20	64QAM	1	49	20.20	20.26	20.08		
20	64QAM	1	99	20.05	20.29	20.42		
20	64QAM	50	0	19.11	19.27	19.17	21	3
20	64QAM	50	24	19.10	19.26	19.20		
20	64QAM	50	50	19.06	19.24	19.12		
20	64QAM	100	0	19.09	19.19	19.10		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.04	22.21	22.22	24	0
15	QPSK	1	37	22.06	22.32	22.12		
15	QPSK	1	74	22.01	22.03	22.06		
15	QPSK	36	0	21.19	21.43	21.23	23	1
15	QPSK	36	20	21.11	21.35	21.19		
15	QPSK	36	39	21.07	21.12	21.18		
15	QPSK	75	0	21.19	21.19	21.11		
15	16QAM	1	0	21.41	21.63	21.20	23	1
15	16QAM	1	37	21.18	21.28	21.84		
15	16QAM	1	74	21.62	21.66	21.55		
15	16QAM	36	0	20.18	20.33	20.09	22	2
15	16QAM	36	20	20.18	20.20	20.38		
15	16QAM	36	39	20.00	20.18	20.17		
15	16QAM	75	0	20.01	20.22	20.20		
15	64QAM	1	0	20.04	20.54	20.48	22	2
15	64QAM	1	37	20.14	20.34	20.14		
15	64QAM	1	74	20.10	20.37	20.38		
15	64QAM	36	0	19.07	19.35	19.07	21	3
15	64QAM	36	20	19.18	19.21	19.28		
15	64QAM	36	39	19.08	19.29	19.07		
15	64QAM	75	0	19.16	19.22	19.04		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.09	22.33	22.20	24	0
10	QPSK	1	25	22.22	22.30	22.12		
10	QPSK	1	49	22.06	22.12	22.04		
10	QPSK	25	0	21.20	21.39	21.27	23	1
10	QPSK	25	12	21.12	21.33	21.31		
10	QPSK	25	25	21.16	21.12	21.23		
10	QPSK	50	0	21.11	21.34	21.12		
10	16QAM	1	0	21.56	21.67	21.17	23	1
10	16QAM	1	25	21.03	21.40	21.86		
10	16QAM	1	49	21.61	21.67	21.63		
10	16QAM	25	0	20.22	20.31	20.09	22	2
10	16QAM	25	12	20.06	20.27	20.20		
10	16QAM	25	25	20.11	20.15	20.17		
10	16QAM	50	0	20.08	20.22	20.14		
10	64QAM	1	0	20.12	20.46	20.39	22	2
10	64QAM	1	25	20.10	20.28	20.05		
10	64QAM	1	49	20.00	20.28	20.50		
10	64QAM	25	0	19.04	19.36	19.26	21	3
10	64QAM	25	12	19.14	19.21	19.21		
10	64QAM	25	25	19.01	19.28	19.11		
10	64QAM	50	0	19.10	19.23	19.14		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.13	22.17	22.10	24	0
5	QPSK	1	12	22.13	22.24	22.05		
5	QPSK	1	24	22.11	22.19	22.08		
5	QPSK	12	0	21.22	21.28	21.18	23	1
5	QPSK	12	7	21.12	21.19	21.24		
5	QPSK	12	13	21.03	21.21	21.10		
5	QPSK	25	0	21.22	21.31	21.25		
5	16QAM	1	0	21.53	21.69	21.14	23	1
5	16QAM	1	12	21.02	21.45	21.75		
5	16QAM	1	24	21.67	21.61	21.66		
5	16QAM	12	0	20.21	20.44	20.22	22	2
5	16QAM	12	7	20.17	20.19	20.19		
5	16QAM	12	13	20.14	20.35	20.17		
5	16QAM	25	0	20.01	20.22	20.24		
5	64QAM	1	0	20.14	20.38	20.42	22	2
5	64QAM	1	12	20.22	20.20	20.15		
5	64QAM	1	24	20.13	20.34	20.35		
5	64QAM	12	0	19.06	19.35	19.12	21	3
5	64QAM	12	7	19.20	19.16	19.27		
5	64QAM	12	13	19.09	19.14	19.16		
5	64QAM	25	0	19.17	19.18	19.16		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.05	22.31	22.12	24	0
3	QPSK	1	8	22.16	22.26	22.20		
3	QPSK	1	14	22.06	22.09	22.03		
3	QPSK	8	0	21.19	21.41	21.31	23	1
3	QPSK	8	4	21.22	21.32	21.13		
3	QPSK	8	7	21.16	21.23	21.07		
3	QPSK	15	0	21.10	21.34	21.30		
3	16QAM	1	0	21.39	21.69	21.11	23	1
3	16QAM	1	8	21.03	21.32	21.71		
3	16QAM	1	14	21.53	21.62	21.54		
3	16QAM	8	0	20.27	20.33	20.16	22	2
3	16QAM	8	4	20.08	20.22	20.30		
3	16QAM	8	7	20.01	20.27	20.17		
3	16QAM	15	0	20.18	20.25	20.17		
3	64QAM	1	0	20.02	20.44	20.36	22	2
3	64QAM	1	8	20.15	20.19	20.08		
3	64QAM	1	14	20.02	20.36	20.46		
3	64QAM	8	0	19.18	19.34	19.24	21	3
3	64QAM	8	4	19.16	19.18	19.11		
3	64QAM	8	7	19.03	19.15	19.16		
3	64QAM	15	0	19.06	19.15	19.19		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.14	22.17	22.21	24	0
1.4	QPSK	1	3	22.24	22.21	22.13		
1.4	QPSK	1	5	22.12	22.14	22.10		
1.4	QPSK	3	0	22.09	22.24	22.25		
1.4	QPSK	3	1	22.05	22.27	22.25		
1.4	QPSK	3	3	22.01	22.19	22.22		
1.4	QPSK	6	0	21.15	21.25	21.13	23	1
1.4	16QAM	1	0	21.60	21.45	21.75	23	1
1.4	16QAM	1	3	21.28	21.71	21.46		
1.4	16QAM	1	5	21.54	21.20	21.62		
1.4	16QAM	3	0	21.04	21.31	21.06		
1.4	16QAM	3	1	21.04	21.18	21.15		
1.4	16QAM	3	3	21.13	21.20	21.23		
1.4	16QAM	6	0	20.02	20.14	20.18	22	2
1.4	64QAM	1	0	20.34	20.53	20.19	22	2
1.4	64QAM	1	3	20.17	20.02	20.23		
1.4	64QAM	1	5	20.28	20.29	20.47		
1.4	64QAM	3	0	20.26	20.43	20.46		
1.4	64QAM	3	1	20.02	20.31	20.39		
1.4	64QAM	3	3	20.13	20.32	20.34		
1.4	64QAM	6	0	19.05	19.14	19.14	21	3

Band 4(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.37	22.42	22.27	24	0
20	QPSK	1	49	22.48	22.55	22.42		
20	QPSK	1	99	22.19	22.28	22.17		
20	QPSK	50	0	21.47	21.48	21.42	23	1
20	QPSK	50	24	21.46	21.43	21.36		
20	QPSK	50	50	21.41	21.40	21.32		
20	QPSK	100	0	21.38	21.43	21.40		
20	16QAM	1	0	21.85	21.53	21.27	23	1
20	16QAM	1	49	21.84	21.40	21.45		
20	16QAM	1	99	21.29	21.45	21.42		
20	16QAM	50	0	20.37	20.37	20.39	22	2
20	16QAM	50	24	20.41	20.40	20.34		
20	16QAM	50	50	20.39	20.43	20.31		
20	16QAM	100	0	20.31	20.37	20.32		
20	64QAM	1	0	20.44	20.36	20.57	22	2
20	64QAM	1	49	20.09	20.56	20.57		
20	64QAM	1	99	20.49	20.20	20.31		
20	64QAM	50	0	19.39	19.38	19.36	21	3
20	64QAM	50	24	19.39	19.35	19.33		
20	64QAM	50	50	19.37	19.33	19.30		
20	64QAM	100	0	19.34	19.40	19.26		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.34	22.44	22.28	24	0
15	QPSK	1	37	22.30	22.48	22.32		
15	QPSK	1	74	22.15	22.36	22.21		
15	QPSK	36	0	21.37	21.48	21.49	23	1
15	QPSK	36	20	21.46	21.50	21.33		
15	QPSK	36	39	21.32	21.49	21.27		
15	QPSK	75	0	21.30	21.37	21.44		
15	16QAM	1	0	21.91	21.57	21.17	23	1
15	16QAM	1	37	21.74	21.45	21.48		
15	16QAM	1	74	21.30	21.55	21.50		
15	16QAM	36	0	20.42	20.46	20.31	22	2
15	16QAM	36	20	20.47	20.50	20.35		
15	16QAM	36	39	20.46	20.39	20.36		
15	16QAM	75	0	20.36	20.32	20.29		
15	64QAM	1	0	20.44	20.37	20.60	22	2
15	64QAM	1	37	20.03	20.52	20.55		
15	64QAM	1	74	20.50	20.27	20.24		
15	64QAM	36	0	19.41	19.30	19.43	21	3
15	64QAM	36	20	19.46	19.39	19.35		
15	64QAM	36	39	19.47	19.26	19.34		
15	64QAM	75	0	19.40	19.36	19.33		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.36	22.35	22.37	24	0
10	QPSK	1	25	22.35	22.53	22.29		
10	QPSK	1	49	22.21	22.19	22.25		
10	QPSK	25	0	21.55	21.47	21.33	23	1
10	QPSK	25	12	21.53	21.41	21.45		
10	QPSK	25	25	21.42	21.36	21.37		
10	QPSK	50	0	21.39	21.39	21.43		
10	16QAM	1	0	21.79	21.62	21.19	23	1
10	16QAM	1	25	21.81	21.34	21.40		
10	16QAM	1	49	21.36	21.37	21.42		
10	16QAM	25	0	20.41	20.30	20.46	22	2
10	16QAM	25	12	20.42	20.32	20.35		
10	16QAM	25	25	20.35	20.38	20.32		
10	16QAM	50	0	20.27	20.35	20.24		
10	64QAM	1	0	20.52	20.30	20.65	22	2
10	64QAM	1	25	20.00	20.65	20.59		
10	64QAM	1	49	20.51	20.14	20.30		
10	64QAM	25	0	19.39	19.44	19.29	21	3
10	64QAM	25	12	19.47	19.37	19.40		
10	64QAM	25	25	19.46	19.25	19.32		
10	64QAM	50	0	19.26	19.39	19.35		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.36	22.43	22.18	24	0
5	QPSK	1	12	22.31	22.36	22.32		
5	QPSK	1	24	22.10	22.21	22.11		
5	QPSK	12	0	21.43	21.56	21.44	23	1
5	QPSK	12	7	21.53	21.37	21.31		
5	QPSK	12	13	21.46	21.50	21.29		
5	QPSK	25	0	21.34	21.35	21.50		
5	16QAM	1	0	21.88	21.47	21.32	23	1
5	16QAM	1	12	21.85	21.46	21.37		
5	16QAM	1	24	21.28	21.43	21.34		
5	16QAM	12	0	20.34	20.46	20.46	22	2
5	16QAM	12	7	20.49	20.47	20.42		
5	16QAM	12	13	20.41	20.36	20.23		
5	16QAM	25	0	20.39	20.47	20.27		
5	64QAM	1	0	20.42	20.44	20.54	22	2
5	64QAM	1	12	20.02	20.53	20.50		
5	64QAM	1	24	20.50	20.25	20.36		
5	64QAM	12	0	19.33	19.37	19.46	21	3
5	64QAM	12	7	19.33	19.34	19.43		
5	64QAM	12	13	19.39	19.23	19.32		
5	64QAM	25	0	19.33	19.32	19.33		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.47	22.52	22.34	24	0
3	QPSK	1	8	22.29	22.44	22.36		
3	QPSK	1	14	22.28	22.37	22.11		
3	QPSK	8	0	21.38	21.43	21.44	23	1
3	QPSK	8	4	21.49	21.50	21.46		
3	QPSK	8	7	21.45	21.41	21.37		
3	QPSK	15	0	21.36	21.51	21.47		
3	16QAM	1	0	21.94	21.62	21.22	23	1
3	16QAM	1	8	21.74	21.46	21.35		
3	16QAM	1	14	21.22	21.38	21.52		
3	16QAM	8	0	20.33	20.38	20.31	22	2
3	16QAM	8	4	20.50	20.49	20.38		
3	16QAM	8	7	20.45	20.42	20.35		
3	16QAM	15	0	20.36	20.36	20.22		
3	64QAM	1	0	20.37	20.40	20.58	22	2
3	64QAM	1	8	20.15	20.64	20.61		
3	64QAM	1	14	20.53	20.29	20.40		
3	64QAM	8	0	19.34	19.34	19.32	21	3
3	64QAM	8	4	19.38	19.45	19.24		
3	64QAM	8	7	19.35	19.29	19.28		
3	64QAM	15	0	19.25	19.33	19.19		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.41	22.52	22.29	24	0
1.4	QPSK	1	3	22.25	22.54	22.46		
1.4	QPSK	1	5	22.44	22.43	22.36		
1.4	QPSK	3	0	22.33	22.40	22.42		
1.4	QPSK	3	1	22.33	22.49	22.35		
1.4	QPSK	3	3	22.44	22.44	22.35		
1.4	QPSK	6	0	21.47	21.49	21.41	23	1
1.4	16QAM	1	0	22.00	21.49	21.52	23	1
1.4	16QAM	1	3	21.60	21.55	21.94		
1.4	16QAM	1	5	21.86	21.93	21.84		
1.4	16QAM	3	0	21.40	21.41	21.26		
1.4	16QAM	3	1	21.36	21.39	21.50		
1.4	16QAM	3	3	21.27	21.43	21.42		
1.4	16QAM	6	0	20.42	20.61	20.40	22	2
1.4	64QAM	1	0	20.40	20.44	20.60	22	2
1.4	64QAM	1	3	20.49	20.35	20.09		
1.4	64QAM	1	5	20.50	20.59	20.51		
1.4	64QAM	3	0	20.41	20.57	20.48		
1.4	64QAM	3	1	20.46	20.61	20.24		
1.4	64QAM	3	3	20.39	20.43	20.60		
1.4	64QAM	6	0	19.23	19.33	19.31	21	3

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	17.18	17.21	17.13	19	0
20	QPSK	1	49	17.28	17.36	17.26		
20	QPSK	1	99	17.22	17.30	17.14		
20	QPSK	50	0	16.33	16.36	16.36	18	1
20	QPSK	50	24	16.23	16.31	16.30		
20	QPSK	50	50	16.32	16.32	16.22		
20	QPSK	100	0	16.20	16.28	16.21		
20	16QAM	1	0	16.31	16.21	16.34	18	1
20	16QAM	1	49	16.26	16.27	16.33		
20	16QAM	1	99	16.32	16.25	16.21		
20	16QAM	50	0	15.20	15.24	15.28	17	2
20	16QAM	50	24	15.19	15.30	15.27		
20	16QAM	50	50	15.28	15.21	15.29		
20	16QAM	100	0	15.27	15.24	15.24		
20	64QAM	1	0	15.32	15.23	15.28	17	2
20	64QAM	1	49	15.32	15.30	15.30		
20	64QAM	1	99	15.26	15.29	15.34		
20	64QAM	50	0	14.20	14.28	14.25	16	3
20	64QAM	50	24	14.23	14.21	14.30		
20	64QAM	50	50	14.27	14.35	14.34		
20	64QAM	100	0	14.30	14.24	14.21		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.06	17.12	17.06	19	0
15	QPSK	1	37	17.14	17.26	17.20		
15	QPSK	1	74	17.13	17.11	17.16		
15	QPSK	36	0	16.22	16.32	16.22	18	1
15	QPSK	36	20	16.15	16.18	16.10		
15	QPSK	36	39	16.19	16.23	16.26		
15	QPSK	75	0	16.17	16.16	16.06		
15	16QAM	1	0	16.26	16.19	16.16	18	1
15	16QAM	1	37	16.13	16.12	16.12		
15	16QAM	1	74	16.26	16.31	16.18		
15	16QAM	36	0	15.15	15.17	15.12	17	2
15	16QAM	36	20	15.08	15.10	15.06		
15	16QAM	36	39	15.25	15.24	15.16		
15	16QAM	75	0	15.15	15.13	15.15		
15	64QAM	1	0	15.21	15.31	15.18	17	2
15	64QAM	1	37	15.23	15.23	15.27		
15	64QAM	1	74	15.20	15.17	15.24		
15	64QAM	36	0	14.16	14.11	14.10	16	3
15	64QAM	36	20	14.09	14.22	14.17		
15	64QAM	36	39	14.23	14.25	14.14		
15	64QAM	75	0	14.22	14.23	14.17		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.17	17.10	17.05	19	0
10	QPSK	1	25	17.24	17.16	17.21		
10	QPSK	1	49	17.17	17.12	17.12		
10	QPSK	25	0	16.31	16.30	16.23	18	1
10	QPSK	25	12	16.22	16.15	16.16		
10	QPSK	25	25	16.24	16.19	16.21		
10	QPSK	50	0	16.10	16.06	16.17		
10	16QAM	1	0	16.16	16.30	16.30	18	1
10	16QAM	1	25	16.22	16.15	16.23		
10	16QAM	1	49	16.30	16.24	16.19		
10	16QAM	25	0	15.17	15.14	15.14	17	2
10	16QAM	25	12	15.10	15.15	15.12		
10	16QAM	25	25	15.23	15.22	15.23		
10	16QAM	50	0	15.22	15.26	15.16		
10	64QAM	1	0	15.17	15.23	15.20	17	2
10	64QAM	1	25	15.21	15.23	15.20		
10	64QAM	1	49	15.11	15.22	15.12		
10	64QAM	25	0	14.12	14.19	14.14	16	3
10	64QAM	25	12	14.18	14.21	14.18		
10	64QAM	25	25	14.24	14.14	14.17		
10	64QAM	50	0	14.28	14.18	14.15		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.07	17.12	17.14	19	0
5	QPSK	1	12	17.25	17.18	17.16		
5	QPSK	1	24	17.20	17.09	17.09		
5	QPSK	12	0	16.25	16.22	16.20	18	1
5	QPSK	12	7	16.09	16.13	16.10		
5	QPSK	12	13	16.22	16.23	16.19		
5	QPSK	25	0	16.07	16.15	16.17		
5	16QAM	1	0	16.18	16.28	16.22	18	1
5	16QAM	1	12	16.15	16.21	16.21		
5	16QAM	1	24	16.31	16.27	16.26		
5	16QAM	12	0	15.08	15.19	15.11	17	2
5	16QAM	12	7	15.15	15.12	15.12		
5	16QAM	12	13	15.27	15.20	15.27		
5	16QAM	25	0	15.21	15.16	15.16		
5	64QAM	1	0	15.18	15.20	15.23	17	2
5	64QAM	1	12	15.27	15.24	15.29		
5	64QAM	1	24	15.21	15.16	15.11		
5	64QAM	12	0	14.18	14.05	14.07	16	3
5	64QAM	12	7	14.13	14.08	14.14		
5	64QAM	12	13	14.20	14.24	14.22		
5	64QAM	25	0	14.19	14.27	14.17		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.11	17.10	17.09	19	0
3	QPSK	1	8	17.25	17.17	17.23		
3	QPSK	1	14	17.13	17.18	17.09		
3	QPSK	8	0	16.30	16.22	16.23	18	1
3	QPSK	8	4	16.17	16.21	16.21		
3	QPSK	8	7	16.23	16.20	16.27		
3	QPSK	15	0	16.18	16.06	16.15		
3	16QAM	1	0	16.19	16.21	16.17	18	1
3	16QAM	1	8	16.24	16.25	16.25		
3	16QAM	1	14	16.27	16.28	16.31		
3	16QAM	8	0	15.06	15.10	15.06	17	2
3	16QAM	8	4	15.05	15.07	15.13		
3	16QAM	8	7	15.16	15.21	15.14		
3	16QAM	15	0	15.16	15.22	15.17		
3	64QAM	1	0	15.29	15.22	15.29	17	2
3	64QAM	1	8	15.18	15.18	15.20		
3	64QAM	1	14	15.19	15.21	15.17		
3	64QAM	8	0	14.16	14.19	14.12	16	3
3	64QAM	8	4	14.13	14.11	14.13		
3	64QAM	8	7	14.12	14.17	14.25		
3	64QAM	15	0	14.17	14.22	14.15		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.12	17.10	17.12	19	0
1.4	QPSK	1	3	17.20	17.23	17.21		
1.4	QPSK	1	5	17.19	17.13	17.08		
1.4	QPSK	3	0	17.00	17.06	17.11		
1.4	QPSK	3	1	17.16	17.09	17.08		
1.4	QPSK	3	3	17.05	17.17	17.13		
1.4	QPSK	6	0	16.16	16.05	16.17	18	1
1.4	16QAM	1	0	16.25	16.24	16.18	18	1
1.4	16QAM	1	3	16.13	16.17	16.19		
1.4	16QAM	1	5	16.25	16.17	16.23		
1.4	16QAM	3	0	16.15	16.11	16.14		
1.4	16QAM	3	1	16.07	16.11	16.02		
1.4	16QAM	3	3	16.10	16.02	16.06		
1.4	16QAM	6	0	15.19	15.26	15.16	17	2
1.4	64QAM	1	0	15.25	15.21	15.23	17	2
1.4	64QAM	1	3	15.26	15.31	15.28		
1.4	64QAM	1	5	15.20	15.19	15.18		
1.4	64QAM	3	0	15.14	15.16	15.12		
1.4	64QAM	3	1	15.17	15.29	15.20		
1.4	64QAM	3	3	15.05	15.16	15.16		
1.4	64QAM	6	0	14.19	14.21	14.25	16	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	22.50	22.52	22.47	24	0
10	QPSK	1	25	22.64	22.68	22.51		
10	QPSK	1	49	22.50	22.48	22.32		
10	QPSK	25	0	21.56	21.60	21.51	23	1
10	QPSK	25	12	21.52	21.56	21.47		
10	QPSK	25	25	21.46	21.51	21.49		
10	QPSK	50	0	21.56	21.59	21.53		
10	16QAM	1	0	21.75	21.59	21.39	23	1
10	16QAM	1	25	21.82	22.12	21.36		
10	16QAM	1	49	21.97	21.83	21.30		
10	16QAM	25	0	20.54	20.55	20.54	22	2
10	16QAM	25	12	20.52	20.58	20.42		
10	16QAM	25	25	20.41	20.54	20.57		
10	16QAM	50	0	20.55	20.58	20.49		
10	64QAM	1	0	20.47	20.87	20.28	22	2
10	64QAM	1	25	20.81	20.76	20.74		
10	64QAM	1	49	20.45	20.85	20.36		
10	64QAM	25	0	19.57	19.46	19.47	21	3
10	64QAM	25	12	19.43	19.58	19.39		
10	64QAM	25	25	19.49	19.53	19.41		
10	64QAM	50	0	19.49	19.51	19.51		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.55	22.47	22.45	24	0
5	QPSK	1	12	22.61	22.64	22.53		
5	QPSK	1	24	22.40	22.53	22.36		
5	QPSK	12	0	21.61	21.54	21.58	23	1
5	QPSK	12	7	21.51	21.57	21.51		
5	QPSK	12	13	21.48	21.57	21.54		
5	QPSK	25	0	21.63	21.65	21.47		
5	16QAM	1	0	21.67	21.66	21.46	23	1
5	16QAM	1	12	21.84	22.09	21.27		
5	16QAM	1	24	21.87	21.93	21.33		
5	16QAM	12	0	20.55	20.55	20.46	22	2
5	16QAM	12	7	20.59	20.61	20.52		
5	16QAM	12	13	20.33	20.61	20.54		
5	16QAM	25	0	20.57	20.52	20.48		
5	64QAM	1	0	20.38	20.84	20.23	22	2
5	64QAM	1	12	20.72	20.69	20.73		
5	64QAM	1	24	20.44	20.95	20.46		
5	64QAM	12	0	19.67	19.37	19.40	21	3
5	64QAM	12	7	19.49	19.53	19.48		
5	64QAM	12	13	19.46	19.53	19.31		
5	64QAM	25	0	19.51	19.43	19.56		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.48	22.51	22.39	24	0
3	QPSK	1	8	22.57	22.48	22.41		
3	QPSK	1	14	22.51	22.52	22.31		
3	QPSK	8	0	21.47	21.62	21.54	23	1
3	QPSK	8	4	21.60	21.65	21.45		
3	QPSK	8	7	21.36	21.53	21.44		
3	QPSK	15	0	21.60	21.55	21.50		
3	16QAM	1	0	21.85	21.53	21.43	23	1
3	16QAM	1	8	21.84	22.13	21.29		
3	16QAM	1	14	21.91	21.89	21.40		
3	16QAM	8	0	20.59	20.49	20.57	22	2
3	16QAM	8	4	20.50	20.68	20.44		
3	16QAM	8	7	20.38	20.44	20.62		
3	16QAM	15	0	20.49	20.50	20.47		
3	64QAM	1	0	20.48	20.80	20.38	22	2
3	64QAM	1	8	20.81	20.85	20.72		
3	64QAM	1	14	20.50	20.80	20.46		
3	64QAM	8	0	19.62	19.53	19.37	21	3
3	64QAM	8	4	19.48	19.60	19.32		
3	64QAM	8	7	19.47	19.59	19.31		
3	64QAM	15	0	19.44	19.44	19.44		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.49	22.37	22.26	24	0
1.4	QPSK	1	3	22.62	22.42	22.22		
1.4	QPSK	1	5	22.46	22.56	22.34		
1.4	QPSK	3	0	22.57	22.45	22.36		
1.4	QPSK	3	1	22.63	22.55	22.34		
1.4	QPSK	3	3	22.63	22.54	22.43		
1.4	QPSK	6	0	21.57	21.55	21.34	23	1
1.4	16QAM	1	0	21.92	21.66	21.47	23	1
1.4	16QAM	1	3	22.17	21.64	21.39		
1.4	16QAM	1	5	21.81	21.66	21.56		
1.4	16QAM	3	0	21.64	21.55	21.40		
1.4	16QAM	3	1	21.64	21.40	21.20		
1.4	16QAM	3	3	21.66	21.50	21.44		
1.4	16QAM	6	0	20.83	20.74	20.41	22	2
1.4	64QAM	1	0	20.62	20.31	20.43	22	2
1.4	64QAM	1	3	20.72	20.74	20.56		
1.4	64QAM	1	5	20.72	20.28	20.36		
1.4	64QAM	3	0	20.80	20.53	20.38		
1.4	64QAM	3	1	20.62	20.51	20.54		
1.4	64QAM	3	3	20.60	20.71	20.61		
1.4	64QAM	6	0	19.51	19.42	19.27	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.14	22.08	22.14	24	0
10	QPSK	1	25	22.28	22.35	22.20		
10	QPSK	1	49	22.24	22.16	22.17		
10	QPSK	25	0	21.26	21.32	21.30	23	1
10	QPSK	25	12	21.22	21.23	21.21		
10	QPSK	25	25	21.20	21.24	21.25		
10	QPSK	50	0	21.27	21.30	21.28		
10	16QAM	1	0	21.23	21.79	21.39	23	1
10	16QAM	1	25	21.36	21.81	21.10		
10	16QAM	1	49	21.48	21.76	21.33		
10	16QAM	25	0	20.24	20.22	20.21	22	2
10	16QAM	25	12	20.25	20.17	20.14		
10	16QAM	25	25	20.13	20.24	20.19		
10	16QAM	50	0	20.14	20.24	20.23		
10	64QAM	1	0	20.15	20.24	20.37	22	2
10	64QAM	1	25	20.49	20.51	20.48		
10	64QAM	1	49	20.41	20.44	20.39		
10	64QAM	25	0	19.15	19.24	19.32	21	3
10	64QAM	25	12	19.16	19.20	19.15		
10	64QAM	25	25	19.26	19.14	19.22		
10	64QAM	50	0	19.17	19.22	19.17		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.19	22.06	22.08	24	0
5	QPSK	1	12	22.20	22.24	22.19		
5	QPSK	1	24	22.24	22.23	22.23		
5	QPSK	12	0	21.29	21.29	21.36	23	1
5	QPSK	12	7	21.24	21.19	21.18		
5	QPSK	12	13	21.27	21.29	21.24		
5	QPSK	25	0	21.26	21.37	21.37		
5	16QAM	1	0	21.19	21.88	21.36	23	1
5	16QAM	1	12	21.46	21.80	21.16		
5	16QAM	1	24	21.40	21.73	21.25		
5	16QAM	12	0	20.27	20.29	20.21	22	2
5	16QAM	12	7	20.34	20.11	20.20		
5	16QAM	12	13	20.21	20.32	20.21		
5	16QAM	25	0	20.24	20.29	20.27		
5	64QAM	1	0	20.24	20.29	20.27	22	2
5	64QAM	1	12	20.42	20.43	20.46		
5	64QAM	1	24	20.47	20.51	20.29		
5	64QAM	12	0	19.11	19.23	19.31	21	3
5	64QAM	12	7	19.09	19.15	19.17		
5	64QAM	12	13	19.32	19.10	19.29		
5	64QAM	25	0	19.10	19.15	19.24		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.19	22.07	22.23	24	0
3	QPSK	1	8	22.17	22.06	22.29		
3	QPSK	1	14	22.14	22.26	22.20		
3	QPSK	8	0	21.17	21.23	21.20	23	1
3	QPSK	8	4	21.29	21.21	21.16		
3	QPSK	8	7	21.11	21.15	21.26		
3	QPSK	15	0	21.31	21.22	21.25		
3	16QAM	1	0	21.14	21.72	21.36	23	1
3	16QAM	1	8	21.42	21.77	21.15		
3	16QAM	1	14	21.45	21.67	21.25		
3	16QAM	8	0	20.18	20.15	20.26	22	2
3	16QAM	8	4	20.24	20.20	20.14		
3	16QAM	8	7	20.13	20.15	20.27		
3	16QAM	15	0	20.11	20.32	20.23		
3	64QAM	1	0	20.17	20.30	20.42	22	2
3	64QAM	1	8	20.43	20.59	20.46		
3	64QAM	1	14	20.37	20.46	20.41		
3	64QAM	8	0	19.18	19.13	19.41	21	3
3	64QAM	8	4	19.08	19.28	19.13		
3	64QAM	8	7	19.32	19.08	19.28		
3	64QAM	15	0	19.14	19.29	19.20		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.09	22.08	22.11	24	0
1.4	QPSK	1	3	22.35	22.12	22.08		
1.4	QPSK	1	5	22.11	22.26	22.34		
1.4	QPSK	3	0	22.26	22.23	22.24		
1.4	QPSK	3	1	22.17	22.20	22.23		
1.4	QPSK	3	3	22.14	22.27	22.31		
1.4	QPSK	6	0	21.26	21.16	21.21	23	1
1.4	16QAM	1	0	21.43	21.55	21.60	23	1
1.4	16QAM	1	3	21.40	21.71	21.18		
1.4	16QAM	1	5	21.82	21.78	21.64		
1.4	16QAM	3	0	21.22	21.06	21.27		
1.4	16QAM	3	1	21.10	21.15	21.20		
1.4	16QAM	3	3	21.25	21.27	21.13		
1.4	16QAM	6	0	20.27	20.35	20.29	22	2
1.4	64QAM	1	0	20.48	20.35	20.50	22	2
1.4	64QAM	1	3	20.47	20.52	20.15		
1.4	64QAM	1	5	20.21	20.23	20.25		
1.4	64QAM	3	0	20.40	20.29	20.37		
1.4	64QAM	3	1	20.38	20.01	20.45		
1.4	64QAM	3	3	20.32	20.19	20.51		
1.4	64QAM	6	0	19.29	19.13	19.16	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	22.22	22.32	22.22	24	0
20	QPSK	1	49	22.38	22.47	22.43		
20	QPSK	1	99	22.30	22.37	22.42		
20	QPSK	50	0	21.38	21.46	21.43	23	1
20	QPSK	50	24	21.32	21.35	21.40		
20	QPSK	50	50	21.24	21.43	21.42		
20	QPSK	100	0	21.26	21.40	21.33		
20	16QAM	1	0	21.71	21.73	21.15	23	1
20	16QAM	1	49	21.39	21.64	21.56		
20	16QAM	1	99	21.72	21.55	21.69		
20	16QAM	50	0	20.25	20.40	20.34	22	2
20	16QAM	50	24	20.31	20.33	20.40		
20	16QAM	50	50	20.22	20.44	20.45		
20	16QAM	100	0	20.29	20.43	20.29		
20	64QAM	1	0	20.36	20.19	20.24	22	2
20	64QAM	1	49	20.61	20.67	20.47		
20	64QAM	1	99	20.51	20.43	20.41		
20	64QAM	50	0	19.21	19.35	19.28	21	3
20	64QAM	50	24	19.32	19.26	19.32		
20	64QAM	50	50	19.27	19.35	19.33		
20	64QAM	100	0	19.23	19.33	19.29		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.26	22.38	22.14	24	0
15	QPSK	1	37	22.30	22.44	22.27		
15	QPSK	1	74	22.40	22.39	22.31		
15	QPSK	36	0	21.29	21.45	21.36	23	1
15	QPSK	36	20	21.22	21.45	21.40		
15	QPSK	36	39	21.19	21.38	21.45		
15	QPSK	75	0	21.19	21.37	21.26		
15	16QAM	1	0	21.75	21.68	21.14	23	1
15	16QAM	1	37	21.37	21.66	21.55		
15	16QAM	1	74	21.64	21.50	21.77		
15	16QAM	36	0	20.20	20.34	20.28	22	2
15	16QAM	36	20	20.41	20.30	20.39		
15	16QAM	36	39	20.22	20.40	20.43		
15	16QAM	75	0	20.34	20.36	20.23		
15	64QAM	1	0	20.39	20.11	20.22	22	2
15	64QAM	1	37	20.59	20.72	20.56		
15	64QAM	1	74	20.61	20.35	20.40		
15	64QAM	36	0	19.16	19.25	19.29	21	3
15	64QAM	36	20	19.38	19.26	19.26		
15	64QAM	36	39	19.19	19.37	19.38		
15	64QAM	75	0	19.24	19.30	19.34		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.16	22.23	22.15	24	0
10	QPSK	1	25	22.34	22.40	22.18		
10	QPSK	1	49	22.25	22.28	22.17		
10	QPSK	25	0	21.43	21.54	21.50	23	1
10	QPSK	25	12	21.34	21.27	21.44		
10	QPSK	25	25	21.31	21.47	21.48		
10	QPSK	50	0	21.17	21.36	21.28		
10	16QAM	1	0	21.73	21.63	21.08	23	1
10	16QAM	1	25	21.34	21.68	21.50		
10	16QAM	1	49	21.62	21.49	21.78		
10	16QAM	25	0	20.26	20.32	20.25	22	2
10	16QAM	25	12	20.36	20.35	20.49		
10	16QAM	25	25	20.17	20.39	20.35		
10	16QAM	50	0	20.38	20.33	20.29		
10	64QAM	1	0	20.35	20.13	20.21	22	2
10	64QAM	1	25	20.56	20.67	20.56		
10	64QAM	1	49	20.53	20.33	20.43		
10	64QAM	25	0	19.14	19.27	19.27	21	3
10	64QAM	25	12	19.40	19.33	19.42		
10	64QAM	25	25	19.30	19.30	19.41		
10	64QAM	50	0	19.32	19.37	19.35		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.20	22.34	22.31	24	0
5	QPSK	1	12	22.21	22.41	22.28		
5	QPSK	1	24	22.27	22.40	22.26		
5	QPSK	12	0	21.28	21.51	21.50	23	1
5	QPSK	12	7	21.39	21.45	21.49		
5	QPSK	12	13	21.24	21.48	21.40		
5	QPSK	25	0	21.31	21.46	21.39		
5	16QAM	1	0	21.74	21.74	21.14	23	1
5	16QAM	1	12	21.34	21.59	21.53		
5	16QAM	1	24	21.82	21.45	21.75		
5	16QAM	12	0	20.27	20.50	20.43	22	2
5	16QAM	12	7	20.23	20.23	20.39		
5	16QAM	12	13	20.12	20.37	20.51		
5	16QAM	25	0	20.25	20.33	20.37		
5	64QAM	1	0	20.38	20.20	20.33	22	2
5	64QAM	1	12	20.65	20.63	20.49		
5	64QAM	1	24	20.54	20.50	20.32		
5	64QAM	12	0	19.22	19.44	19.38	21	3
5	64QAM	12	7	19.27	19.16	19.34		
5	64QAM	12	13	19.23	19.33	19.39		
5	64QAM	25	0	19.31	19.23	19.28		

Band 7(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.81	22.92	22.80	24	0
20	QPSK	1	49	22.98	23.06	23.02		
20	QPSK	1	99	22.88	22.91	23.00		
20	QPSK	50	0	21.97	22.01	21.98	23	1
20	QPSK	50	24	21.87	21.88	21.91		
20	QPSK	50	50	21.78	21.95	21.95		
20	QPSK	100	0	21.78	21.98	21.87		
20	16QAM	1	0	22.27	22.27	21.67	23	1
20	16QAM	1	49	21.98	22.21	22.09		
20	16QAM	1	99	22.28	22.11	22.24		
20	16QAM	50	0	20.80	20.93	20.89	22	2
20	16QAM	50	24	20.82	20.84	20.93		
20	16QAM	50	50	20.77	20.98	20.94		
20	16QAM	100	0	20.83	20.99	20.82		
20	64QAM	1	0	20.87	20.69	20.79	22	2
20	64QAM	1	49	21.14	21.21	20.99		
20	64QAM	1	99	21.08	20.99	20.92		
20	64QAM	50	0	19.74	19.89	19.80	21	3
20	64QAM	50	24	19.80	19.80	19.86		
20	64QAM	50	50	19.74	19.82	19.84		
20	64QAM	100	0	19.70	19.84	19.78		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.74	23.01	22.74	24	0
15	QPSK	1	37	22.97	22.98	22.89		
15	QPSK	1	74	22.98	22.86	22.99		
15	QPSK	36	0	21.99	22.11	21.96	23	1
15	QPSK	36	20	21.88	21.97	21.88		
15	QPSK	36	39	21.76	21.90	21.91		
15	QPSK	75	0	21.87	22.05	21.90		
15	16QAM	1	0	22.35	22.36	21.69	23	1
15	16QAM	1	37	22.01	22.20	22.02		
15	16QAM	1	74	22.21	22.11	22.28		
15	16QAM	36	0	20.70	21.02	20.84	22	2
15	16QAM	36	20	20.84	20.79	20.83		
15	16QAM	36	39	20.75	21.01	20.94		
15	16QAM	75	0	20.76	20.92	20.78		
15	64QAM	1	0	20.82	20.79	20.84	22	2
15	64QAM	1	37	21.09	21.27	20.89		
15	64QAM	1	74	21.09	20.89	20.93		
15	64QAM	36	0	19.80	19.87	19.76	21	3
15	64QAM	36	20	19.88	19.82	19.83		
15	64QAM	36	39	19.78	19.86	19.93		
15	64QAM	75	0	19.62	19.81	19.71		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.71	22.97	22.78	24	0
10	QPSK	1	25	22.79	22.94	22.84		
10	QPSK	1	49	22.80	22.90	22.99		
10	QPSK	25	0	21.93	22.06	22.02	23	1
10	QPSK	25	12	21.80	21.88	21.82		
10	QPSK	25	25	21.75	21.98	21.88		
10	QPSK	50	0	21.68	21.92	21.95		
10	16QAM	1	0	22.17	22.20	21.77	23	1
10	16QAM	1	25	22.03	22.21	22.04		
10	16QAM	1	49	22.20	22.19	22.20		
10	16QAM	25	0	20.86	20.88	20.98	22	2
10	16QAM	25	12	20.74	20.87	20.99		
10	16QAM	25	25	20.83	20.97	20.98		
10	16QAM	50	0	20.74	21.06	20.77		
10	64QAM	1	0	20.79	20.79	20.88	22	2
10	64QAM	1	25	21.05	21.21	20.91		
10	64QAM	1	49	21.08	21.08	20.91		
10	64QAM	25	0	19.64	19.82	19.72	21	3
10	64QAM	25	12	19.83	19.90	19.90		
10	64QAM	25	25	19.83	19.81	19.90		
10	64QAM	50	0	19.80	19.94	19.76		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.89	22.92	22.75	24	0
5	QPSK	1	12	22.85	22.92	22.72		
5	QPSK	1	24	22.92	22.85	22.96		
5	QPSK	12	0	21.99	21.96	21.94	23	1
5	QPSK	12	7	21.88	21.80	21.89		
5	QPSK	12	13	21.74	21.88	21.99		
5	QPSK	25	0	21.77	21.98	21.86		
5	16QAM	1	0	22.18	22.22	21.59	23	1
5	16QAM	1	12	21.89	22.14	22.14		
5	16QAM	1	24	22.28	22.16	22.27		
5	16QAM	12	0	20.88	20.91	20.98	22	2
5	16QAM	12	7	20.77	20.81	20.98		
5	16QAM	12	13	20.74	20.90	21.02		
5	16QAM	25	0	20.89	20.91	20.83		
5	64QAM	1	0	20.78	20.68	20.69	22	2
5	64QAM	1	12	21.23	21.29	20.96		
5	64QAM	1	24	20.98	21.04	20.94		
5	64QAM	12	0	19.78	19.93	19.78	21	3
5	64QAM	12	7	19.81	19.90	19.76		
5	64QAM	12	13	19.64	19.81	19.89		
5	64QAM	25	0	19.78	19.88	19.75		

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	22.13	22.16	22.21	24	0
10	QPSK	1	25	22.23	22.30	22.26		
10	QPSK	1	49	22.17	22.24	22.23		
10	QPSK	25	0	21.26	21.27	21.26	23	1
10	QPSK	25	12	21.25	21.19	21.21		
10	QPSK	25	25	21.24	21.22	21.15		
10	QPSK	50	0	21.22	21.24	21.16		
10	16QAM	1	0	21.40	21.01	21.14	23	1
10	16QAM	1	25	21.52	21.43	21.56		
10	16QAM	1	49	21.41	21.58	21.77		
10	16QAM	25	0	20.19	20.19	20.17	22	2
10	16QAM	25	12	20.28	20.25	20.28		
10	16QAM	25	25	20.38	20.21	20.14		
10	16QAM	50	0	20.20	20.19	20.14		
10	64QAM	1	0	20.22	20.39	20.49	22	2
10	64QAM	1	25	20.33	20.19	20.26		
10	64QAM	1	49	20.47	20.43	20.40		
10	64QAM	25	0	19.16	19.13	19.18	21	3
10	64QAM	25	12	19.13	19.16	19.29		
10	64QAM	25	25	19.28	19.21	19.26		
10	64QAM	50	0	19.11	19.16	19.14		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.17	22.17	22.25	24	0
5	QPSK	1	12	22.22	22.10	22.19		
5	QPSK	1	24	22.12	22.19	22.28		
5	QPSK	12	0	21.32	21.36	21.20	23	1
5	QPSK	12	7	21.20	21.29	21.11		
5	QPSK	12	13	21.19	21.19	21.26		
5	QPSK	25	0	21.23	21.18	21.11		
5	16QAM	1	0	21.34	21.03	21.21	23	1
5	16QAM	1	12	21.46	21.46	21.63		
5	16QAM	1	24	21.44	21.57	21.78		
5	16QAM	12	0	20.26	20.12	20.18	22	2
5	16QAM	12	7	20.18	20.33	20.37		
5	16QAM	12	13	20.30	20.25	20.08		
5	16QAM	25	0	20.21	20.18	20.08		
5	64QAM	1	0	20.15	20.34	20.50	22	2
5	64QAM	1	12	20.31	20.29	20.32		
5	64QAM	1	24	20.39	20.42	20.44		
5	64QAM	12	0	19.07	19.11	19.15	21	3
5	64QAM	12	7	19.15	19.18	19.22		
5	64QAM	12	13	19.35	19.24	19.34		
5	64QAM	25	0	19.06	19.19	19.20		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.13	22.26	22.25	24	0
3	QPSK	1	8	22.21	22.24	22.16		
3	QPSK	1	14	22.11	22.28	22.18		
3	QPSK	8	0	21.25	21.33	21.27	23	1
3	QPSK	8	4	21.16	21.24	21.13		
3	QPSK	8	7	21.30	21.24	21.25		
3	QPSK	15	0	21.24	21.33	21.20		
3	16QAM	1	0	21.37	21.09	21.09	23	1
3	16QAM	1	8	21.55	21.50	21.50		
3	16QAM	1	14	21.44	21.67	21.84		
3	16QAM	8	0	20.11	20.18	20.26	22	2
3	16QAM	8	4	20.31	20.16	20.19		
3	16QAM	8	7	20.34	20.11	20.21		
3	16QAM	15	0	20.21	20.27	20.07		
3	64QAM	1	0	20.24	20.42	20.48	22	2
3	64QAM	1	8	20.35	20.20	20.36		
3	64QAM	1	14	20.38	20.39	20.30		
3	64QAM	8	0	19.14	19.10	19.27	21	3
3	64QAM	8	4	19.22	19.23	19.29		
3	64QAM	8	7	19.22	19.18	19.31		
3	64QAM	15	0	19.09	19.11	19.06		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.26	22.21	22.25	24	0
1.4	QPSK	1	3	22.13	22.27	22.08		
1.4	QPSK	1	5	22.19	22.10	22.26		
1.4	QPSK	3	0	22.17	22.23	22.18		
1.4	QPSK	3	1	22.27	22.27	22.20		
1.4	QPSK	3	3	22.16	22.20	22.25		
1.4	QPSK	6	0	21.25	21.17	21.24	23	1
1.4	16QAM	1	0	21.83	21.70	21.44	23	1
1.4	16QAM	1	3	21.20	21.09	21.87		
1.4	16QAM	1	5	21.87	21.71	21.70		
1.4	16QAM	3	0	21.03	21.09	21.30		
1.4	16QAM	3	1	21.15	21.18	21.08		
1.4	16QAM	3	3	21.29	21.04	21.11		
1.4	16QAM	6	0	20.24	20.21	20.17	22	2
1.4	64QAM	1	0	20.02	20.53	20.50	22	2
1.4	64QAM	1	3	20.65	20.36	20.31		
1.4	64QAM	1	5	20.15	20.42	20.19		
1.4	64QAM	3	0	20.38	20.32	20.19		
1.4	64QAM	3	1	20.18	20.37	20.34		
1.4	64QAM	3	3	20.32	20.26	20.30		
1.4	64QAM	6	0	19.17	19.12	19.17	21	3

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.39		24	0
10	QPSK	1	25		22.63			
10	QPSK	1	49		22.51			
10	QPSK	25	0		21.55		23	1
10	QPSK	25	12		21.46			
10	QPSK	25	25		21.50			
10	QPSK	50	0		21.54			
10	16QAM	1	0		21.32		23	1
10	16QAM	1	25		22.05			
10	16QAM	1	49		21.66			
10	16QAM	25	0		20.47		22	2
10	16QAM	25	12		20.56			
10	16QAM	25	25		20.53			
10	16QAM	50	0		20.51			
10	64QAM	1	0		20.57		22	2
10	64QAM	1	25		20.85			
10	64QAM	1	49		20.54			
10	64QAM	25	0		19.48		21	3
10	64QAM	25	12		19.55			
10	64QAM	25	25		19.47			
10	64QAM	50	0		19.49			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.39	22.56	22.61	24	0
5	QPSK	1	12	22.49	22.44	22.51		
5	QPSK	1	24	22.54	22.60	22.53		
5	QPSK	12	0	21.44	21.44	21.49	23	1
5	QPSK	12	7	21.45	21.47	21.49		
5	QPSK	12	13	21.41	21.43	21.44		
5	QPSK	25	0	21.45	21.47	21.49		
5	16QAM	1	0	22.03	21.46	21.43	23	1
5	16QAM	1	12	21.95	21.87	21.46		
5	16QAM	1	24	21.52	21.96	21.79		
5	16QAM	12	0	20.39	20.35	20.43	22	2
5	16QAM	12	7	20.28	20.45	20.36		
5	16QAM	12	13	20.41	20.32	20.42		
5	16QAM	25	0	20.38	20.53	20.48		
5	64QAM	1	0	20.42	20.42	20.88	22	2
5	64QAM	1	12	20.70	20.50	20.76		
5	64QAM	1	24	20.76	20.61	20.51		
5	64QAM	12	0	19.45	19.45	19.34	21	3
5	64QAM	12	7	19.42	19.42	19.49		
5	64QAM	12	13	19.34	19.35	19.47		
5	64QAM	25	0	19.43	19.47	19.37		

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	22.09	22.05	22.07	24	0
10	QPSK	1	25	22.12	22.23	22.22		
10	QPSK	1	49	22.11	22.15	22.01		
10	QPSK	25	0	21.07	21.11	21.06	23	1
10	QPSK	25	12	21.05	21.00	21.02		
10	QPSK	25	25	21.05	21.04	21.05		
10	QPSK	50	0	21.04	21.09	21.06		
10	16QAM	1	0	21.65	21.21	21.37	23	1
10	16QAM	1	25	21.70	21.17	21.42		
10	16QAM	1	49	21.09	21.39	21.34		
10	16QAM	25	0	20.04	20.01	20.03	22	2
10	16QAM	25	12	20.07	20.05	20.08		
10	16QAM	25	25	20.03	20.03	20.12		
10	16QAM	50	0	20.04	20.02	20.08		
10	64QAM	1	0	20.10	20.39	20.16	22	2
10	64QAM	1	25	20.13	20.18	20.38		
10	64QAM	1	49	20.36	20.45	20.18		
10	64QAM	25	0	19.15	19.11	19.12	21	3
10	64QAM	25	12	19.18	19.13	19.13		
10	64QAM	25	25	19.10	19.09	19.11		
10	64QAM	50	0	19.14	19.16	19.17		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.00	22.05	22.09	24	0
5	QPSK	1	12	22.06	22.09	22.15		
5	QPSK	1	24	22.12	22.14	22.09		
5	QPSK	12	0	21.05	21.05	21.11	23	1
5	QPSK	12	7	21.15	21.01	21.01		
5	QPSK	12	13	21.13	21.08	21.12		
5	QPSK	25	0	21.06	21.00	21.13		
5	16QAM	1	0	21.65	21.12	21.38	23	1
5	16QAM	1	12	21.61	21.23	21.38		
5	16QAM	1	24	21.11	21.30	21.25		
5	16QAM	12	0	20.03	20.00	20.07	22	2
5	16QAM	12	7	20.12	20.09	20.15		
5	16QAM	12	13	20.02	20.11	20.06		
5	16QAM	25	0	20.04	20.09	20.06		
5	64QAM	1	0	20.06	20.29	20.26	22	2
5	64QAM	1	12	20.18	20.24	20.39		
5	64QAM	1	24	20.31	20.47	20.28		
5	64QAM	12	0	19.25	19.11	19.03	21	3
5	64QAM	12	7	19.18	19.16	19.12		
5	64QAM	12	13	19.18	19.13	19.18		
5	64QAM	25	0	19.10	19.22	19.25		

Band 25_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.38	22.41	22.42	24	0
20	QPSK	1	49	22.56	22.65	22.55		
20	QPSK	1	99	22.44	22.39	22.35		
20	QPSK	50	0	21.56	21.57	21.52	23	1
20	QPSK	50	24	21.50	21.50	21.47		
20	QPSK	50	50	21.48	21.48	21.36		
20	QPSK	100	0	21.45	21.50	21.43		
20	16QAM	1	0	21.56	21.99	21.50	23	1
20	16QAM	1	49	22.00	22.07	21.76		
20	16QAM	1	99	21.86	21.89	21.30		
20	16QAM	50	0	20.46	20.62	20.53	22	2
20	16QAM	50	24	20.54	20.51	20.61		
20	16QAM	50	50	20.49	20.46	20.42		
20	16QAM	100	0	20.44	20.47	20.40		
20	64QAM	1	0	20.50	20.34	20.80	22	2
20	64QAM	1	49	20.70	20.37	20.34		
20	64QAM	1	99	20.65	20.64	20.44		
20	64QAM	50	0	19.43	19.60	19.46	21	3
20	64QAM	50	24	19.47	19.43	19.49		
20	64QAM	50	50	19.56	19.45	19.29		
20	64QAM	100	0	19.41	19.35	19.36		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.48	22.50	22.32	24	0
15	QPSK	1	37	22.45	22.45	22.40		
15	QPSK	1	74	22.44	22.42	22.45		
15	QPSK	36	0	21.57	21.63	21.43	23	1
15	QPSK	36	20	21.54	21.40	21.38		
15	QPSK	36	39	21.54	21.47	21.27		
15	QPSK	75	0	21.53	21.55	21.52		
15	16QAM	1	0	21.46	21.97	21.58	23	1
15	16QAM	1	37	22.05	21.97	21.67		
15	16QAM	1	74	21.81	21.90	21.20		
15	16QAM	36	0	20.40	20.72	20.43	22	2
15	16QAM	36	20	20.60	20.42	20.66		
15	16QAM	36	39	20.58	20.44	20.39		
15	16QAM	75	0	20.36	20.52	20.36		
15	64QAM	1	0	20.48	20.48	20.84	22	2
15	64QAM	1	37	20.63	20.33	20.41		
15	64QAM	1	74	20.71	20.60	20.34		
15	64QAM	36	0	19.45	19.56	19.44	21	3
15	64QAM	36	20	19.45	19.33	19.54		
15	64QAM	36	39	19.47	19.40	19.24		
15	64QAM	75	0	19.42	19.45	19.39		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.34	22.33	22.33	24	0
10	QPSK	1	25	22.56	22.43	22.45		
10	QPSK	1	49	22.42	22.49	22.40		
10	QPSK	25	0	21.59	21.58	21.56	23	1
10	QPSK	25	12	21.57	21.53	21.50		
10	QPSK	25	25	21.50	21.39	21.41		
10	QPSK	50	0	21.46	21.54	21.43		
10	16QAM	1	0	21.59	22.07	21.44	23	1
10	16QAM	1	25	22.02	21.99	21.78		
10	16QAM	1	49	21.82	21.89	21.27		
10	16QAM	25	0	20.55	20.61	20.62	22	2
10	16QAM	25	12	20.60	20.60	20.51		
10	16QAM	25	25	20.39	20.48	20.40		
10	16QAM	50	0	20.46	20.54	20.45		
10	64QAM	1	0	20.55	20.40	20.73	22	2
10	64QAM	1	25	20.62	20.32	20.44		
10	64QAM	1	49	20.64	20.67	20.45		
10	64QAM	25	0	19.39	19.64	19.41	21	3
10	64QAM	25	12	19.38	19.47	19.43		
10	64QAM	25	25	19.51	19.42	19.35		
10	64QAM	50	0	19.45	19.45	19.26		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.39	22.31	22.52	24	0
5	QPSK	1	12	22.44	22.53	22.48		
5	QPSK	1	24	22.46	22.45	22.42		
5	QPSK	12	0	21.60	21.57	21.58	23	1
5	QPSK	12	7	21.45	21.54	21.39		
5	QPSK	12	13	21.49	21.39	21.30		
5	QPSK	25	0	21.54	21.57	21.46		
5	16QAM	1	0	21.46	22.07	21.59	23	1
5	16QAM	1	12	22.07	22.11	21.83		
5	16QAM	1	24	21.88	21.89	21.20		
5	16QAM	12	0	20.46	20.59	20.53	22	2
5	16QAM	12	7	20.48	20.44	20.64		
5	16QAM	12	13	20.45	20.37	20.39		
5	16QAM	25	0	20.35	20.37	20.36		
5	64QAM	1	0	20.47	20.40	20.86	22	2
5	64QAM	1	12	20.69	20.33	20.40		
5	64QAM	1	24	20.64	20.73	20.40		
5	64QAM	12	0	19.38	19.60	19.55	21	3
5	64QAM	12	7	19.44	19.47	19.59		
5	64QAM	12	13	19.56	19.45	19.32		
5	64QAM	25	0	19.46	19.44	19.28		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.29	22.34	22.33	24	0
3	QPSK	1	8	22.37	22.48	22.55		
3	QPSK	1	14	22.54	22.49	22.36		
3	QPSK	8	0	21.63	21.56	21.49	23	1
3	QPSK	8	4	21.41	21.58	21.39		
3	QPSK	8	7	21.57	21.43	21.29		
3	QPSK	15	0	21.39	21.49	21.50		
3	16QAM	1	0	21.49	21.97	21.47	23	1
3	16QAM	1	8	22.07	22.04	21.84		
3	16QAM	1	14	21.76	21.83	21.24		
3	16QAM	8	0	20.45	20.65	20.58	22	2
3	16QAM	8	4	20.44	20.50	20.58		
3	16QAM	8	7	20.50	20.39	20.38		
3	16QAM	15	0	20.44	20.47	20.30		
3	64QAM	1	0	20.57	20.39	20.88	22	2
3	64QAM	1	8	20.60	20.30	20.30		
3	64QAM	1	14	20.73	20.60	20.40		
3	64QAM	8	0	19.49	19.65	19.43	21	3
3	64QAM	8	4	19.50	19.46	19.56		
3	64QAM	8	7	19.51	19.47	19.37		
3	64QAM	15	0	19.48	19.44	19.44		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.48	22.52	22.52	24	0
1.4	QPSK	1	3	22.55	22.56	22.46		
1.4	QPSK	1	5	22.47	22.60	22.64		
1.4	QPSK	3	0	22.46	22.50	22.64		
1.4	QPSK	3	1	22.50	22.58	22.56		
1.4	QPSK	3	3	22.51	22.59	22.59		
1.4	QPSK	6	0	21.40	21.57	21.52	23	1
1.4	16QAM	1	0	22.00	21.71	21.86	23	1
1.4	16QAM	1	3	21.50	21.63	21.92		
1.4	16QAM	1	5	21.70	22.11	21.46		
1.4	16QAM	3	0	21.49	21.63	21.44		
1.4	16QAM	3	1	21.56	21.54	21.61		
1.4	16QAM	3	3	21.53	21.56	21.57		
1.4	16QAM	6	0	20.50	20.73	20.48	22	2
1.4	64QAM	1	0	20.71	20.37	20.60	22	2
1.4	64QAM	1	3	20.64	20.61	20.55		
1.4	64QAM	1	5	20.68	20.69	20.63		
1.4	64QAM	3	0	20.68	20.51	20.57		
1.4	64QAM	3	1	20.72	20.55	20.60		
1.4	64QAM	3	3	20.51	20.31	20.70		
1.4	64QAM	6	0	19.38	19.46	19.50	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.50	22.61	22.35	24	0
15	QPSK	1	37	22.51	22.74	22.45		
15	QPSK	1	74	22.43	22.62	22.39		
15	QPSK	36	0	21.64	21.64	21.49	23	1
15	QPSK	36	20	21.51	21.62	21.39		
15	QPSK	36	39	21.49	21.63	21.42		
15	QPSK	75	0	21.58	21.62	21.45		
15	16QAM	1	0	21.58	21.55	22.00	23	1
15	16QAM	1	37	22.09	21.72	21.56		
15	16QAM	1	74	21.44	22.11	21.82		
15	16QAM	36	0	20.60	20.58	20.49	22	2
15	16QAM	36	20	20.56	20.51	20.47		
15	16QAM	36	39	20.58	20.66	20.39		
15	16QAM	75	0	20.55	20.66	20.40		
15	64QAM	1	0	20.26	20.93	20.46	22	2
15	64QAM	1	37	20.89	20.57	20.68		
15	64QAM	1	74	20.48	20.87	20.63		
15	64QAM	36	0	19.51	19.64	19.54	21	3
15	64QAM	36	20	19.56	19.64	19.37		
15	64QAM	36	39	19.45	19.58	19.43		
15	64QAM	75	0	19.51	19.51	19.46		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.47	22.65	22.38	24	0
10	QPSK	1	25	22.57	22.62	22.39		
10	QPSK	1	49	22.51	22.68	22.33		
10	QPSK	25	0	21.55	21.65	21.52	23	1
10	QPSK	25	12	21.48	21.70	21.34		
10	QPSK	25	25	21.54	21.55	21.46		
10	QPSK	50	0	21.52	21.59	21.38		
10	16QAM	1	0	21.52	21.50	22.02	23	1
10	16QAM	1	25	22.14	21.74	21.59		
10	16QAM	1	49	21.46	22.04	21.81		
10	16QAM	25	0	20.51	20.55	20.52	22	2
10	16QAM	25	12	20.61	20.59	20.56		
10	16QAM	25	25	20.61	20.76	20.47		
10	16QAM	50	0	20.52	20.61	20.35		
10	64QAM	1	0	20.21	20.84	20.55	22	2
10	64QAM	1	25	20.89	20.65	20.60		
10	64QAM	1	49	20.41	20.97	20.73		
10	64QAM	25	0	19.61	19.63	19.45	21	3
10	64QAM	25	12	19.48	19.74	19.38		
10	64QAM	25	25	19.49	19.61	19.45		
10	64QAM	50	0	19.52	19.46	19.51		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.52	22.55	22.40	24	0
5	QPSK	1	12	22.48	22.63	22.40		
5	QPSK	1	24	22.35	22.55	22.47		
5	QPSK	12	0	21.62	21.67	21.57	23	1
5	QPSK	12	7	21.61	21.62	21.34		
5	QPSK	12	13	21.58	21.64	21.32		
5	QPSK	25	0	21.67	21.65	21.45		
5	16QAM	1	0	21.64	21.49	22.09	23	1
5	16QAM	1	12	22.03	21.64	21.64		
5	16QAM	1	24	21.38	22.15	21.81		
5	16QAM	12	0	20.61	20.56	20.56	22	2
5	16QAM	12	7	20.66	20.57	20.39		
5	16QAM	12	13	20.56	20.71	20.33		
5	16QAM	25	0	20.54	20.76	20.44		
5	64QAM	1	0	20.36	20.83	20.41	22	2
5	64QAM	1	12	20.88	20.62	20.72		
5	64QAM	1	24	20.56	20.83	20.59		
5	64QAM	12	0	19.59	19.63	19.49	21	3
5	64QAM	12	7	19.60	19.62	19.46		
5	64QAM	12	13	19.43	19.57	19.52		
5	64QAM	25	0	19.48	19.57	19.44		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.55	22.71	22.30	24	0
3	QPSK	1	8	22.42	22.70	22.49		
3	QPSK	1	14	22.37	22.69	22.47		
3	QPSK	8	0	21.52	21.74	21.52	23	1
3	QPSK	8	4	21.56	21.72	21.32		
3	QPSK	8	7	21.49	21.72	21.34		
3	QPSK	15	0	21.60	21.69	21.35		
3	16QAM	1	0	21.60	21.46	22.09	23	1
3	16QAM	1	8	22.07	21.76	21.61		
3	16QAM	1	14	21.45	22.13	21.72		
3	16QAM	8	0	20.67	20.64	20.39	22	2
3	16QAM	8	4	20.53	20.45	20.38		
3	16QAM	8	7	20.67	20.61	20.35		
3	16QAM	15	0	20.45	20.61	20.36		
3	64QAM	1	0	20.35	20.92	20.54	22	2
3	64QAM	1	8	20.82	20.58	20.70		
3	64QAM	1	14	20.46	20.90	20.53		
3	64QAM	8	0	19.49	19.59	19.49	21	3
3	64QAM	8	4	19.64	19.54	19.39		
3	64QAM	8	7	19.51	19.66	19.43		
3	64QAM	15	0	19.56	19.56	19.55		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.49	22.53	22.18	24	0
1.4	QPSK	1	3	22.65	22.47	22.45		
1.4	QPSK	1	5	22.68	22.42	22.36		
1.4	QPSK	3	0	22.60	22.55	22.46		
1.4	QPSK	3	1	22.67	22.51	22.28		
1.4	QPSK	3	3	22.65	22.43	22.33		
1.4	QPSK	6	0	21.65	21.52	21.30	23	1
1.4	16QAM	1	0	21.56	22.09	21.54	23	1
1.4	16QAM	1	3	21.87	21.74	21.25		
1.4	16QAM	1	5	21.92	22.03	21.64		
1.4	16QAM	3	0	21.68	21.57	21.41		
1.4	16QAM	3	1	21.65	21.54	21.39		
1.4	16QAM	3	3	21.72	21.45	21.38		
1.4	16QAM	6	0	20.70	20.49	20.49	22	2
1.4	64QAM	1	0	20.79	20.75	20.35	22	2
1.4	64QAM	1	3	20.66	20.24	20.62		
1.4	64QAM	1	5	20.68	20.84	20.66		
1.4	64QAM	3	0	20.66	20.69	20.50		
1.4	64QAM	3	1	20.86	20.73	20.52		
1.4	64QAM	3	3	20.69	20.70	20.42		
1.4	64QAM	6	0	19.63	19.61	19.33	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	22.34	22.26	22.26	24	0
20	QPSK	1	49	22.47	22.60	22.49		
20	QPSK	1	99	22.31	22.19	22.27		
20	QPSK	50	0	21.48	21.49	21.41	23	1
20	QPSK	50	24	21.47	21.46	21.39		
20	QPSK	50	50	21.40	21.31	21.27		
20	QPSK	100	0	21.32	21.38	21.33		
20	16QAM	1	0	21.86	21.78	21.90	23	1
20	16QAM	1	49	21.88	21.41	21.33		
20	16QAM	1	99	21.27	21.38	21.74		
20	16QAM	50	0	20.39	20.44	20.41	22	2
20	16QAM	50	24	20.43	20.38	20.39		
20	16QAM	50	50	20.27	20.35	20.19		
20	16QAM	100	0	20.38	20.35	20.26		
20	64QAM	1	0	20.53	20.63	20.39	22	2
20	64QAM	1	49	20.53	20.62	20.68		
20	64QAM	1	99	20.57	20.26	20.40		
20	64QAM	50	0	19.31	19.39	19.38	21	3
20	64QAM	50	24	19.36	19.40	19.42		
20	64QAM	50	50	19.33	19.27	19.25		
20	64QAM	100	0	19.31	19.26	19.28		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.44	22.30	22.29	24	0
15	QPSK	1	37	22.47	22.34	22.29		
15	QPSK	1	74	22.32	22.13	22.29		
15	QPSK	36	0	21.53	21.44	21.51	23	1
15	QPSK	36	20	21.44	21.37	21.38		
15	QPSK	36	39	21.41	21.41	21.32		
15	QPSK	75	0	21.25	21.40	21.37		
15	16QAM	1	0	21.82	21.72	21.88	23	1
15	16QAM	1	37	21.90	21.34	21.40		
15	16QAM	1	74	21.23	21.28	21.83		
15	16QAM	36	0	20.40	20.46	20.43	22	2
15	16QAM	36	20	20.51	20.36	20.49		
15	16QAM	36	39	20.17	20.40	20.19		
15	16QAM	75	0	20.35	20.34	20.36		
15	64QAM	1	0	20.60	20.60	20.46	22	2
15	64QAM	1	37	20.52	20.72	20.58		
15	64QAM	1	74	20.58	20.30	20.38		
15	64QAM	36	0	19.34	19.44	19.31	21	3
15	64QAM	36	20	19.34	19.38	19.40		
15	64QAM	36	39	19.29	19.32	19.35		
15	64QAM	75	0	19.38	19.24	19.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.30	22.27	22.35	24	0
10	QPSK	1	25	22.43	22.24	22.39		
10	QPSK	1	49	22.27	22.14	22.31		
10	QPSK	25	0	21.54	21.46	21.40	23	1
10	QPSK	25	12	21.47	21.42	21.32		
10	QPSK	25	25	21.49	21.21	21.27		
10	QPSK	50	0	21.24	21.30	21.37		
10	16QAM	1	0	21.94	21.68	21.95	23	1
10	16QAM	1	25	21.80	21.48	21.26		
10	16QAM	1	49	21.20	21.42	21.76		
10	16QAM	25	0	20.29	20.45	20.37	22	2
10	16QAM	25	12	20.43	20.36	20.37		
10	16QAM	25	25	20.34	20.27	20.15		
10	16QAM	50	0	20.38	20.39	20.31		
10	64QAM	1	0	20.47	20.60	20.41	22	2
10	64QAM	1	25	20.45	20.56	20.59		
10	64QAM	1	49	20.50	20.23	20.42		
10	64QAM	25	0	19.27	19.41	19.35	21	3
10	64QAM	25	12	19.35	19.49	19.49		
10	64QAM	25	25	19.25	19.35	19.25		
10	64QAM	50	0	19.41	19.20	19.20		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.25	22.25	22.36	24	0
5	QPSK	1	12	22.27	22.30	22.33		
5	QPSK	1	24	22.29	22.26	22.24		
5	QPSK	12	0	21.55	21.53	21.51	23	1
5	QPSK	12	7	21.54	21.53	21.49		
5	QPSK	12	13	21.44	21.39	21.32		
5	QPSK	25	0	21.26	21.41	21.26		
5	16QAM	1	0	21.83	21.87	21.88	23	1
5	16QAM	1	12	21.98	21.36	21.35		
5	16QAM	1	24	21.32	21.47	21.80		
5	16QAM	12	0	20.45	20.49	20.41	22	2
5	16QAM	12	7	20.53	20.41	20.40		
5	16QAM	12	13	20.33	20.35	20.17		
5	16QAM	25	0	20.45	20.40	20.17		
5	64QAM	1	0	20.46	20.55	20.29	22	2
5	64QAM	1	12	20.49	20.59	20.78		
5	64QAM	1	24	20.67	20.18	20.49		
5	64QAM	12	0	19.36	19.46	19.39	21	3
5	64QAM	12	7	19.27	19.41	19.48		
5	64QAM	12	13	19.39	19.33	19.23		
5	64QAM	25	0	19.35	19.26	19.21		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.25	22.27	22.18	24	0
3	QPSK	1	8	22.43	22.20	22.24		
3	QPSK	1	14	22.26	22.29	22.20		
3	QPSK	8	0	21.47	21.55	21.46	23	1
3	QPSK	8	4	21.52	21.50	21.36		
3	QPSK	8	7	21.47	21.21	21.17		
3	QPSK	15	0	21.27	21.31	21.42		
3	16QAM	1	0	21.96	21.88	21.95	23	1
3	16QAM	1	8	21.80	21.33	21.36		
3	16QAM	1	14	21.35	21.36	21.66		
3	16QAM	8	0	20.42	20.51	20.43	22	2
3	16QAM	8	4	20.37	20.31	20.38		
3	16QAM	8	7	20.27	20.41	20.27		
3	16QAM	15	0	20.41	20.27	20.35		
3	64QAM	1	0	20.43	20.53	20.32	22	2
3	64QAM	1	8	20.47	20.64	20.63		
3	64QAM	1	14	20.66	20.22	20.34		
3	64QAM	8	0	19.28	19.36	19.41	21	3
3	64QAM	8	4	19.44	19.31	19.34		
3	64QAM	8	7	19.27	19.23	19.33		
3	64QAM	15	0	19.27	19.18	19.31		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.35	22.39	22.41	24	0
1.4	QPSK	1	3	22.30	22.57	22.48		
1.4	QPSK	1	5	22.37	22.36	22.29		
1.4	QPSK	3	0	22.39	22.51	22.44		
1.4	QPSK	3	1	22.41	22.54	22.38		
1.4	QPSK	3	3	22.43	22.47	22.39		
1.4	QPSK	6	0	21.36	21.45	21.34	23	1
1.4	16QAM	1	0	21.67	21.84	21.89	23	1
1.4	16QAM	1	3	21.56	21.38	21.62		
1.4	16QAM	1	5	21.32	21.89	21.53		
1.4	16QAM	3	0	21.41	21.43	21.37		
1.4	16QAM	3	1	21.46	21.53	21.46		
1.4	16QAM	3	3	21.29	21.50	21.37		
1.4	16QAM	6	0	20.33	20.40	20.31	22	2
1.4	64QAM	1	0	20.56	20.70	20.68	22	2
1.4	64QAM	1	3	20.10	20.53	20.49		
1.4	64QAM	1	5	20.72	20.55	20.37		
1.4	64QAM	3	0	20.34	20.50	20.53		
1.4	64QAM	3	1	20.11	20.72	20.47		
1.4	64QAM	3	3	20.45	20.44	20.42		
1.4	64QAM	6	0	19.41	19.41	19.28	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	23.02	23.11	23.12	24	0
20	QPSK	1	49	23.15	23.24	23.18		
20	QPSK	1	99	23.10	23.23	23.03		
20	QPSK	50	0	22.11	22.13	22.09	23	1
20	QPSK	50	24	22.01	22.01	22.01		
20	QPSK	50	50	21.97	22.10	22.04		
20	QPSK	100	0	22.01	22.09	22.00		
20	16QAM	1	0	21.98	22.04	22.00	23	1
20	16QAM	1	49	22.04	22.00	21.97		
20	16QAM	1	99	22.08	22.10	22.00		
20	16QAM	50	0	21.06	20.99	21.05	22	2
20	16QAM	50	24	21.00	21.06	20.95		
20	16QAM	50	50	20.99	21.10	20.99		
20	16QAM	100	0	21.08	21.04	20.98		
20	64QAM	1	0	21.06	21.10	20.99	22	2
20	64QAM	1	49	21.07	21.08	21.00		
20	64QAM	1	99	21.06	20.99	20.97		
20	64QAM	50	0	20.10	20.00	20.01	21	3
20	64QAM	50	24	20.09	20.00	20.01		
20	64QAM	50	50	20.03	19.98	19.96		
20	64QAM	100	0	20.06	20.01	20.06		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.97	23.05	23.08	24	0
15	QPSK	1	37	23.12	23.22	23.09		
15	QPSK	1	74	23.17	23.14	23.20		
15	QPSK	36	0	22.11	22.07	22.12	23	1
15	QPSK	36	20	21.94	21.93	21.92		
15	QPSK	36	39	22.04	21.95	22.06		
15	QPSK	75	0	22.01	22.06	22.07		
15	16QAM	1	0	22.01	21.92	21.96	23	1
15	16QAM	1	37	21.86	21.95	21.95		
15	16QAM	1	74	21.95	22.00	22.09		
15	16QAM	36	0	20.87	20.95	20.88	22	2
15	16QAM	36	20	21.04	20.95	20.94		
15	16QAM	36	39	21.06	21.02	20.95		
15	16QAM	75	0	20.95	20.95	20.92		
15	64QAM	1	0	20.99	21.02	21.06	22	2
15	64QAM	1	37	21.04	20.95	21.00		
15	64QAM	1	74	20.98	20.85	20.87		
15	64QAM	36	0	19.86	19.94	19.95	21	3
15	64QAM	36	20	19.89	19.95	19.88		
15	64QAM	36	39	19.92	19.90	19.95		
15	64QAM	75	0	19.92	19.98	19.94		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.01	23.05	23.02	24	0
10	QPSK	1	25	23.10	23.09	23.15		
10	QPSK	1	49	23.12	23.11	23.18		
10	QPSK	25	0	22.11	22.02	22.00	23	1
10	QPSK	25	12	21.99	21.93	21.89		
10	QPSK	25	25	21.95	22.08	22.01		
10	QPSK	50	0	22.04	22.00	22.07		
10	16QAM	1	0	21.97	21.90	21.98	23	1
10	16QAM	1	25	21.93	21.93	21.92		
10	16QAM	1	49	21.99	22.05	22.01		
10	16QAM	25	0	20.84	20.95	20.98	22	2
10	16QAM	25	12	21.03	21.03	20.93		
10	16QAM	25	25	21.00	20.98	21.00		
10	16QAM	50	0	20.89	20.94	20.95		
10	64QAM	1	0	20.97	21.00	21.05	22	2
10	64QAM	1	25	20.97	20.97	21.07		
10	64QAM	1	49	20.84	20.95	20.92		
10	64QAM	25	0	19.99	19.99	19.94	21	3
10	64QAM	25	12	19.90	19.97	19.93		
10	64QAM	25	25	19.90	19.93	19.92		
10	64QAM	50	0	19.90	19.88	20.00		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.09	22.99	22.96	24	0
5	QPSK	1	12	23.13	23.13	23.20		
5	QPSK	1	24	23.21	23.16	23.08		
5	QPSK	12	0	21.98	21.98	21.98	23	1
5	QPSK	12	7	21.89	21.91	22.00		
5	QPSK	12	13	21.98	22.08	22.01		
5	QPSK	25	0	22.04	22.02	22.01		
5	16QAM	1	0	22.02	21.91	21.94	23	1
5	16QAM	1	12	21.93	21.85	21.96		
5	16QAM	1	24	22.08	22.08	21.97		
5	16QAM	12	0	20.88	20.97	20.95	22	2
5	16QAM	12	7	20.92	21.02	20.96		
5	16QAM	12	13	20.98	21.06	20.96		
5	16QAM	25	0	20.93	20.96	20.95		
5	64QAM	1	0	21.07	21.03	21.03	22	2
5	64QAM	1	12	21.03	21.07	21.01		
5	64QAM	1	24	20.85	20.88	20.89		
5	64QAM	12	0	19.98	19.94	19.85	21	3
5	64QAM	12	7	19.86	19.96	19.93		
5	64QAM	12	13	19.96	19.97	19.87		
5	64QAM	25	0	19.96	19.96	19.94		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.01	23.10	22.98	24	0
3	QPSK	1	8	23.19	23.14	23.10		
3	QPSK	1	14	23.20	23.15	23.20		
3	QPSK	8	0	22.02	22.00	22.05	23	1
3	QPSK	8	4	21.93	21.96	21.92		
3	QPSK	8	7	21.95	22.01	21.99		
3	QPSK	15	0	21.99	22.06	22.05		
3	16QAM	1	0	21.96	21.97	21.94	23	1
3	16QAM	1	8	21.91	21.91	21.86		
3	16QAM	1	14	22.04	22.08	21.96		
3	16QAM	8	0	20.87	20.97	20.89	22	2
3	16QAM	8	4	20.95	20.94	21.04		
3	16QAM	8	7	21.02	21.04	20.97		
3	16QAM	15	0	20.89	20.93	21.03		
3	64QAM	1	0	21.06	21.04	21.09	22	2
3	64QAM	1	8	21.02	21.05	20.94		
3	64QAM	1	14	20.86	20.92	20.88		
3	64QAM	8	0	19.92	19.99	19.98	21	3
3	64QAM	8	4	19.98	19.95	19.95		
3	64QAM	8	7	19.87	19.92	19.84		
3	64QAM	15	0	19.91	19.90	19.98		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.92	22.95	23.02	24	0
1.4	QPSK	1	3	22.83	23.12	23.06		
1.4	QPSK	1	5	22.94	22.94	22.90		
1.4	QPSK	3	0	22.95	23.05	23.02		
1.4	QPSK	3	1	22.96	23.13	22.99		
1.4	QPSK	3	3	23.00	23.01	22.95		
1.4	QPSK	6	0	21.87	21.98	21.89	23	1
1.4	16QAM	1	0	22.25	22.43	22.46	23	1
1.4	16QAM	1	3	22.09	21.91	22.17		
1.4	16QAM	1	5	21.90	22.41	22.07		
1.4	16QAM	3	0	21.96	22.00	21.91		
1.4	16QAM	3	1	22.00	22.07	22.04		
1.4	16QAM	3	3	21.83	22.04	21.89		
1.4	16QAM	6	0	20.87	20.95	20.86	22	2
1.4	64QAM	1	0	21.12	21.26	21.22	22	2
1.4	64QAM	1	3	20.58	21.03	20.99		
1.4	64QAM	1	5	21.23	21.10	20.88		
1.4	64QAM	3	0	20.84	21.06	21.07		
1.4	64QAM	3	1	20.61	21.25	20.98		
1.4	64QAM	3	3	20.97	20.98	20.98		
1.4	64QAM	6	0	19.93	19.91	19.78	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	17.14	17.33	17.31	19	0
20	QPSK	1	49	17.22	17.39	17.34		
20	QPSK	1	99	17.17	17.38	17.33		
20	QPSK	50	0	16.21	16.33	16.22	18	1
20	QPSK	50	24	16.15	16.18	16.10		
20	QPSK	50	50	16.10	16.24	16.14		
20	QPSK	100	0	16.17	16.23	16.19		
20	16QAM	1	0	16.20	16.24	16.10	18	1
20	16QAM	1	49	16.16	16.28	16.13		
20	16QAM	1	99	16.12	16.20	16.09		
20	16QAM	50	0	15.11	15.32	15.14	17	2
20	16QAM	50	24	15.13	15.27	15.20		
20	16QAM	50	50	15.14	15.23	15.18		
20	16QAM	100	0	15.20	15.22	15.09		
20	64QAM	1	0	15.15	15.28	15.21	17	2
20	64QAM	1	49	15.06	15.31	15.11		
20	64QAM	1	99	15.10	15.30	15.15		
20	64QAM	50	0	14.15	14.24	14.21	16	3
20	64QAM	50	24	14.08	14.26	14.08		
20	64QAM	50	50	14.10	14.28	14.10		
20	64QAM	100	0	14.18	14.21	14.13		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.08	17.03	17.18	19	0
15	QPSK	1	37	17.07	17.20	17.20		
15	QPSK	1	74	17.04	17.04	17.11		
15	QPSK	36	0	16.16	16.08	16.19	18	1
15	QPSK	36	20	16.02	16.03	16.05		
15	QPSK	36	39	16.11	16.05	16.04		
15	QPSK	75	0	16.07	16.06	16.04		
15	16QAM	1	0	16.17	16.09	16.13	18	1
15	16QAM	1	37	16.09	16.12	16.01		
15	16QAM	1	74	16.11	16.01	16.02		
15	16QAM	36	0	15.04	15.07	15.06	17	2
15	16QAM	36	20	15.08	15.02	15.09		
15	16QAM	36	39	15.13	15.02	15.05		
15	16QAM	75	0	15.07	15.11	15.14		
15	64QAM	1	0	15.08	15.14	15.14	17	2
15	64QAM	1	37	15.05	15.03	15.04		
15	64QAM	1	74	15.07	15.00	15.00		
15	64QAM	36	0	14.02	14.03	14.11	16	3
15	64QAM	36	20	14.06	14.02	14.03		
15	64QAM	36	39	14.05	14.09	14.08		
15	64QAM	75	0	14.17	14.12	14.08		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.04	17.07	17.08	19	0
10	QPSK	1	25	17.12	17.17	17.10		
10	QPSK	1	49	17.09	17.10	17.07		
10	QPSK	25	0	16.10	16.19	16.18	18	1
10	QPSK	25	12	16.09	16.07	16.08		
10	QPSK	25	25	16.03	16.08	16.04		
10	QPSK	50	0	16.09	16.06	16.05		
10	16QAM	1	0	16.12	16.12	16.14	18	1
10	16QAM	1	25	16.10	16.07	16.10		
10	16QAM	1	49	16.04	16.01	16.06		
10	16QAM	25	0	15.02	15.07	15.07	17	2
10	16QAM	25	12	15.06	15.04	15.04		
10	16QAM	25	25	15.01	15.13	15.13		
10	16QAM	50	0	15.14	15.17	15.12		
10	64QAM	1	0	15.10	15.03	15.06	17	2
10	64QAM	1	25	15.00	15.02	15.05		
10	64QAM	1	49	15.03	15.03	15.07		
10	64QAM	25	0	14.11	14.07	14.06	16	3
10	64QAM	25	12	14.05	14.04	14.03		
10	64QAM	25	25	14.08	14.03	14.06		
10	64QAM	50	0	14.10	14.16	14.09		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.00	17.04	17.04	19	0
5	QPSK	1	12	17.07	17.18	17.15		
5	QPSK	1	24	17.11	17.09	17.09		
5	QPSK	12	0	16.20	16.13	16.18	18	1
5	QPSK	12	7	16.05	16.06	16.01		
5	QPSK	12	13	16.05	16.04	16.04		
5	QPSK	25	0	16.16	16.14	16.03		
5	16QAM	1	0	16.16	16.08	16.12	18	1
5	16QAM	1	12	16.06	16.03	16.02		
5	16QAM	1	24	16.07	16.08	16.09		
5	16QAM	12	0	15.05	15.07	15.00	17	2
5	16QAM	12	7	15.05	15.01	15.11		
5	16QAM	12	13	15.10	15.01	15.12		
5	16QAM	25	0	15.17	15.10	15.14		
5	64QAM	1	0	15.03	15.00	15.14	17	2
5	64QAM	1	12	15.02	15.04	15.00		
5	64QAM	1	24	15.02	15.07	15.09		
5	64QAM	12	0	14.06	14.13	14.13	16	3
5	64QAM	12	7	14.06	14.09	14.05		
5	64QAM	12	13	14.07	14.05	14.02		
5	64QAM	25	0	14.05	14.05	14.11		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.07	17.12	17.00	19	0
3	QPSK	1	8	17.18	17.20	17.18		
3	QPSK	1	14	17.08	17.07	17.03		
3	QPSK	8	0	16.13	16.15	16.15	18	1
3	QPSK	8	4	16.10	16.07	16.09		
3	QPSK	8	7	16.07	16.04	16.01		
3	QPSK	15	0	16.05	16.13	16.14		
3	16QAM	1	0	16.06	16.17	16.15	18	1
3	16QAM	1	8	16.12	16.12	16.04		
3	16QAM	1	14	16.09	16.03	16.01		
3	16QAM	8	0	15.07	15.04	15.08	17	2
3	16QAM	8	4	15.10	15.12	15.09		
3	16QAM	8	7	15.04	15.03	15.04		
3	16QAM	15	0	15.18	15.12	15.11		
3	64QAM	1	0	15.03	15.12	15.07	17	2
3	64QAM	1	8	15.03	15.07	15.04		
3	64QAM	1	14	15.00	15.07	15.01		
3	64QAM	8	0	14.08	14.04	14.11	16	3
3	64QAM	8	4	14.05	14.04	14.00		
3	64QAM	8	7	14.00	14.03	14.00		
3	64QAM	15	0	14.13	14.13	14.08		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.11	17.11	17.10	19	0
1.4	QPSK	1	3	17.13	17.11	17.19		
1.4	QPSK	1	5	17.09	17.14	17.10		
1.4	QPSK	3	0	17.05	17.06	17.08		
1.4	QPSK	3	1	17.10	17.12	17.02		
1.4	QPSK	3	3	17.03	17.03	17.00		
1.4	QPSK	6	0	16.02	16.03	16.03	18	1
1.4	16QAM	1	0	16.19	16.14	16.08	18	1
1.4	16QAM	1	3	16.10	16.09	16.01		
1.4	16QAM	1	5	16.08	16.07	16.07		
1.4	16QAM	3	0	16.18	16.10	16.11		
1.4	16QAM	3	1	16.06	16.02	16.12		
1.4	16QAM	3	3	16.03	16.05	16.00		
1.4	16QAM	6	0	15.05	15.05	15.12	17	2
1.4	64QAM	1	0	15.10	15.14	15.05	17	2
1.4	64QAM	1	3	15.08	15.07	15.11		
1.4	64QAM	1	5	15.09	15.07	15.01		
1.4	64QAM	3	0	15.00	15.02	15.01		
1.4	64QAM	3	1	15.06	15.02	15.05		
1.4	64QAM	3	3	15.03	15.05	15.03		
1.4	64QAM	6	0	14.16	14.06	14.15	16	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.42	22.46	22.52	24	0
20	QPSK	1	49	22.62	22.69	22.67		
20	QPSK	1	99	22.61	22.60	22.58		
20	QPSK	50	0	21.80	21.86	21.79	23	1
20	QPSK	50	24	21.78	21.76	21.72		
20	QPSK	50	50	21.76	21.78	21.78		
20	QPSK	100	0	21.78	21.83	21.75		
20	16QAM	1	0	21.66	21.74	21.84	23	1
20	16QAM	1	49	21.91	21.94	21.99		
20	16QAM	1	99	21.90	21.87	21.88		
20	16QAM	50	0	20.75	20.74	20.78	22	2
20	16QAM	50	24	20.85	20.82	20.83		
20	16QAM	50	50	20.80	20.81	20.82		
20	16QAM	100	0	20.76	20.71	20.77		
20	64QAM	1	0	20.38	20.40	20.44	22	2
20	64QAM	1	49	20.58	20.53	20.61		
20	64QAM	1	99	20.52	20.53	20.53		
20	64QAM	50	0	19.75	19.71	19.78	21	3
20	64QAM	50	24	19.81	19.80	19.80		
20	64QAM	50	50	19.75	19.77	19.77		
20	64QAM	100	0	19.72	19.71	19.79		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.48	22.44	22.52	24	0
15	QPSK	1	37	22.48	22.56	22.64		
15	QPSK	1	74	22.52	22.48	22.64		
15	QPSK	36	0	21.85	21.83	21.83	23	1
15	QPSK	36	20	21.76	21.70	21.64		
15	QPSK	36	39	21.79	21.71	21.79		
15	QPSK	75	0	21.71	21.80	21.80		
15	16QAM	1	0	21.61	21.65	21.93	23	1
15	16QAM	1	37	21.93	21.94	21.89		
15	16QAM	1	74	21.85	21.94	21.96		
15	16QAM	36	0	20.73	20.72	20.80	22	2
15	16QAM	36	20	20.81	20.85	20.93		
15	16QAM	36	39	20.87	20.71	20.86		
15	16QAM	75	0	20.78	20.81	20.67		
15	64QAM	1	0	20.36	20.41	20.43	22	2
15	64QAM	1	37	20.63	20.61	20.68		
15	64QAM	1	74	20.55	20.51	20.48		
15	64QAM	36	0	19.75	19.66	19.69	21	3
15	64QAM	36	20	19.87	19.81	19.71		
15	64QAM	36	39	19.84	19.67	19.68		
15	64QAM	75	0	19.68	19.73	19.83		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.35	22.56	22.61	24	0
10	QPSK	1	25	22.48	22.55	22.63		
10	QPSK	1	49	22.44	22.53	22.66		
10	QPSK	25	0	21.75	21.93	21.88	23	1
10	QPSK	25	12	21.69	21.83	21.79		
10	QPSK	25	25	21.70	21.72	21.68		
10	QPSK	50	0	21.86	21.75	21.71		
10	16QAM	1	0	21.71	21.67	21.84	23	1
10	16QAM	1	25	21.89	22.02	22.08		
10	16QAM	1	49	21.90	21.89	21.94		
10	16QAM	25	0	20.83	20.66	20.74	22	2
10	16QAM	25	12	20.90	20.80	20.81		
10	16QAM	25	25	20.73	20.91	20.89		
10	16QAM	50	0	20.74	20.65	20.78		
10	64QAM	1	0	20.30	20.31	20.47	22	2
10	64QAM	1	25	20.61	20.61	20.59		
10	64QAM	1	49	20.58	20.46	20.50		
10	64QAM	25	0	19.74	19.61	19.75	21	3
10	64QAM	25	12	19.83	19.80	19.73		
10	64QAM	25	25	19.81	19.77	19.73		
10	64QAM	50	0	19.64	19.67	19.87		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.35	22.41	22.46	24	0
5	QPSK	1	12	22.60	22.55	22.64		
5	QPSK	1	24	22.55	22.47	22.67		
5	QPSK	12	0	21.74	21.76	21.73	23	1
5	QPSK	12	7	21.83	21.78	21.63		
5	QPSK	12	13	21.83	21.75	21.70		
5	QPSK	25	0	21.70	21.74	21.78		
5	16QAM	1	0	21.62	21.83	21.75	23	1
5	16QAM	1	12	21.99	21.98	22.02		
5	16QAM	1	24	21.90	21.93	21.96		
5	16QAM	12	0	20.76	20.76	20.87	22	2
5	16QAM	12	7	20.91	20.87	20.87		
5	16QAM	12	13	20.79	20.76	20.86		
5	16QAM	25	0	20.71	20.66	20.72		
5	64QAM	1	0	20.43	20.42	20.34	22	2
5	64QAM	1	12	20.65	20.51	20.62		
5	64QAM	1	24	20.51	20.46	20.49		
5	64QAM	12	0	19.68	19.65	19.79	21	3
5	64QAM	12	7	19.71	19.77	19.89		
5	64QAM	12	13	19.81	19.85	19.79		
5	64QAM	25	0	19.68	19.72	19.71		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.84	22.89	22.98	24	0
20	QPSK	1	49	23.07	23.15	23.10		
20	QPSK	1	99	23.05	23.02	23.06		
20	QPSK	50	0	22.26	22.33	22.22	23	1
20	QPSK	50	24	22.24	22.19	22.13		
20	QPSK	50	50	22.23	22.21	22.21		
20	QPSK	100	0	22.23	22.24	22.19		
20	16QAM	1	0	22.08	22.14	22.28	23	1
20	16QAM	1	49	22.39	22.37	22.41		
20	16QAM	1	99	22.31	22.28	22.32		
20	16QAM	50	0	21.14	21.20	21.19	22	2
20	16QAM	50	24	21.24	21.21	21.27		
20	16QAM	50	50	21.25	21.25	21.27		
20	16QAM	100	0	21.22	21.15	21.16		
20	64QAM	1	0	20.80	20.79	20.88	22	2
20	64QAM	1	49	20.99	20.91	21.03		
20	64QAM	1	99	20.91	20.96	20.97		
20	64QAM	50	0	20.14	20.10	20.19	21	3
20	64QAM	50	24	20.24	20.22	20.18		
20	64QAM	50	50	20.16	20.20	20.19		
20	64QAM	100	0	20.14	20.15	20.18		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.88	22.83	22.95	24	0
15	QPSK	1	37	22.78	22.98	22.92		
15	QPSK	1	74	22.88	22.99	22.97		
15	QPSK	36	0	22.36	22.28	22.15	23	1
15	QPSK	36	20	22.25	22.14	22.19		
15	QPSK	36	39	22.22	22.31	22.27		
15	QPSK	75	0	22.18	22.34	22.27		
15	16QAM	1	0	22.02	22.14	22.35	23	1
15	16QAM	1	37	22.46	22.39	22.37		
15	16QAM	1	74	22.26	22.28	22.34		
15	16QAM	36	0	21.17	21.16	21.11	22	2
15	16QAM	36	20	21.33	21.11	21.34		
15	16QAM	36	39	21.16	21.15	21.35		
15	16QAM	75	0	21.18	21.10	21.20		
15	64QAM	1	0	20.83	20.82	20.94	22	2
15	64QAM	1	37	21.05	20.84	21.00		
15	64QAM	1	74	20.94	20.86	20.94		
15	64QAM	36	0	20.09	20.05	20.25	21	3
15	64QAM	36	20	20.16	20.22	20.10		
15	64QAM	36	39	20.20	20.15	20.17		
15	64QAM	75	0	20.20	20.09	20.15		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.94	22.97	23.08	24	0
10	QPSK	1	25	22.88	22.98	23.01		
10	QPSK	1	49	22.90	22.93	23.00		
10	QPSK	25	0	22.17	22.39	22.28	23	1
10	QPSK	25	12	22.28	22.29	22.05		
10	QPSK	25	25	22.18	22.31	22.29		
10	QPSK	50	0	22.16	22.26	22.17		
10	16QAM	1	0	22.17	22.07	22.32	23	1
10	16QAM	1	25	22.36	22.40	22.42		
10	16QAM	1	49	22.24	22.37	22.23		
10	16QAM	25	0	21.10	21.30	21.11	22	2
10	16QAM	25	12	21.16	21.30	21.26		
10	16QAM	25	25	21.28	21.20	21.25		
10	16QAM	50	0	21.25	21.11	21.08		
10	64QAM	1	0	20.82	20.79	20.89	22	2
10	64QAM	1	25	20.90	20.86	20.95		
10	64QAM	1	49	20.87	21.03	21.05		
10	64QAM	25	0	20.19	20.05	20.16	21	3
10	64QAM	25	12	20.30	20.32	20.14		
10	64QAM	25	25	20.14	20.22	20.24		
10	64QAM	50	0	20.14	20.21	20.14		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.80	22.85	22.90	24	0
5	QPSK	1	12	22.81	22.90	23.09		
5	QPSK	1	24	22.91	22.87	23.14		
5	QPSK	12	0	22.32	22.25	22.15	23	1
5	QPSK	12	7	22.34	22.09	22.23		
5	QPSK	12	13	22.18	22.28	22.30		
5	QPSK	25	0	22.13	22.17	22.14		
5	16QAM	1	0	22.11	22.18	22.32	23	1
5	16QAM	1	12	22.49	22.39	22.35		
5	16QAM	1	24	22.21	22.30	22.26		
5	16QAM	12	0	21.15	21.16	21.16	22	2
5	16QAM	12	7	21.28	21.29	21.30		
5	16QAM	12	13	21.31	21.33	21.30		
5	16QAM	25	0	21.19	21.10	21.24		
5	64QAM	1	0	20.77	20.75	20.88	22	2
5	64QAM	1	12	21.04	20.87	21.05		
5	64QAM	1	24	20.96	20.87	21.03		
5	64QAM	12	0	20.24	20.18	20.11	21	3
5	64QAM	12	7	20.29	20.18	20.19		
5	64QAM	12	13	20.08	20.23	20.24		
5	64QAM	25	0	20.22	20.22	20.23		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.35	22.35	22.42	22.47	22.48	24	0
20	QPSK	1	49	22.45	22.61	22.74	22.64	22.70		
20	QPSK	1	99	22.37	22.50	22.57	22.52	22.63		
20	QPSK	50	0	21.50	21.56	21.88	21.82	21.86	23	1
20	QPSK	50	24	21.39	21.54	21.76	21.79	21.83		
20	QPSK	50	50	21.48	21.53	21.78	21.73	21.85		
20	QPSK	100	0	21.44	21.56	21.87	21.77	21.85		
20	16QAM	1	0	21.42	21.43	21.71	21.75	21.70	23	1
20	16QAM	1	49	21.50	21.60	21.92	21.88	21.88		
20	16QAM	1	99	21.43	21.63	21.79	21.78	21.80		
20	16QAM	50	0	20.61	20.73	20.80	20.80	20.81	22	2
20	16QAM	50	24	20.67	20.74	20.81	20.80	20.84		
20	16QAM	50	50	20.65	20.71	20.83	20.76	20.86		
20	16QAM	100	0	20.62	20.72	20.80	20.80	20.87		
20	64QAM	1	0	20.28	20.29	20.38	20.40	20.43	22	2
20	64QAM	1	49	20.39	20.44	20.60	20.50	20.58		
20	64QAM	1	99	20.29	20.41	20.51	20.44	20.48		
20	64QAM	50	0	19.58	19.72	19.74	19.77	19.74	21	3
20	64QAM	50	24	19.56	19.74	19.77	19.77	19.78		
20	64QAM	50	50	19.62	19.70	19.77	19.72	19.80		
20	64QAM	100	0	19.59	19.63	19.77	19.75	19.79		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.32	22.32	22.32	22.43	22.38	24	0
15	QPSK	1	37	22.35	22.45	22.73	22.54	22.63		
15	QPSK	1	74	22.43	22.32	22.55	22.48	22.58		
15	QPSK	36	0	21.51	21.65	21.95	21.85	21.79	23	1
15	QPSK	36	20	21.47	21.45	21.73	21.86	21.92		
15	QPSK	36	39	21.57	21.50	21.78	21.71	21.92		
15	QPSK	75	0	21.46	21.66	21.97	21.67	21.77		
15	16QAM	1	0	21.42	21.36	21.76	21.83	21.64	23	1
15	16QAM	1	37	21.51	21.66	21.98	21.97	21.85		
15	16QAM	1	74	21.46	21.73	21.80	21.74	21.74		
15	16QAM	36	0	20.53	20.69	20.73	20.71	20.80	22	2
15	16QAM	36	20	20.71	20.80	20.89	20.84	20.75		
15	16QAM	36	39	20.59	20.74	20.83	20.79	20.94		
15	16QAM	75	0	20.72	20.72	20.72	20.77	20.83		
15	64QAM	1	0	20.30	20.38	20.44	20.33	20.35	22	2
15	64QAM	1	37	20.34	20.38	20.65	20.53	20.52		
15	64QAM	1	74	20.38	20.46	20.44	20.35	20.51		
15	64QAM	36	0	19.57	19.68	19.74	19.67	19.77	21	3
15	64QAM	36	20	19.49	19.83	19.76	19.71	19.83		
15	64QAM	36	39	19.60	19.63	19.87	19.65	19.70		
15	64QAM	75	0	19.58	19.67	19.67	19.74	19.70		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.44	22.32	22.48	22.39	22.54	24	0
10	QPSK	1	25	22.40	22.39	22.73	22.57	22.72		
10	QPSK	1	49	22.43	22.40	22.58	22.50	22.55		
10	QPSK	25	0	21.53	21.53	21.95	21.78	21.76	23	1
10	QPSK	25	12	21.47	21.50	21.67	21.78	21.74		
10	QPSK	25	25	21.42	21.59	21.84	21.74	21.85		
10	QPSK	50	0	21.53	21.62	21.85	21.80	21.95		
10	16QAM	1	0	21.36	21.40	21.64	21.84	21.80	23	1
10	16QAM	1	25	21.44	21.50	21.92	21.92	21.80		
10	16QAM	1	49	21.51	21.61	21.75	21.77	21.89		
10	16QAM	25	0	20.71	20.83	20.70	20.75	20.83	22	2
10	16QAM	25	12	20.58	20.82	20.84	20.78	20.93		
10	16QAM	25	25	20.62	20.63	20.82	20.84	20.88		
10	16QAM	50	0	20.65	20.80	20.77	20.79	20.84		
10	64QAM	1	0	20.28	20.23	20.31	20.43	20.46	22	2
10	64QAM	1	25	20.47	20.38	20.55	20.49	20.58		
10	64QAM	1	49	20.37	20.46	20.54	20.38	20.38		
10	64QAM	25	0	19.68	19.82	19.71	19.82	19.80	21	3
10	64QAM	25	12	19.57	19.83	19.69	19.78	19.84		
10	64QAM	25	25	19.52	19.64	19.71	19.72	19.70		
10	64QAM	50	0	19.66	19.56	19.81	19.76	19.81		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.25	22.38	22.46	22.50	22.48	24	0
5	QPSK	1	12	22.41	22.31	22.64	22.58	22.63		
5	QPSK	1	24	22.30	22.39	22.53	22.43	22.68		
5	QPSK	12	0	21.58	21.61	21.92	21.76	21.94	23	1
5	QPSK	12	7	21.49	21.53	21.84	21.89	21.92		
5	QPSK	12	13	21.56	21.49	21.84	21.63	21.94		
5	QPSK	25	0	21.45	21.56	21.97	21.79	21.79		
5	16QAM	1	0	21.51	21.34	21.75	21.76	21.80	23	1
5	16QAM	1	12	21.42	21.55	21.83	21.82	21.86		
5	16QAM	1	24	21.53	21.60	21.69	21.84	21.71		
5	16QAM	12	0	20.70	20.76	20.90	20.88	20.85	22	2
5	16QAM	12	7	20.60	20.80	20.73	20.88	20.94		
5	16QAM	12	13	20.68	20.69	20.77	20.81	20.85		
5	16QAM	25	0	20.61	20.66	20.72	20.80	20.83		
5	64QAM	1	0	20.18	20.26	20.35	20.44	20.36	22	2
5	64QAM	1	12	20.36	20.34	20.66	20.49	20.62		
5	64QAM	1	24	20.24	20.48	20.61	20.51	20.51		
5	64QAM	12	0	19.67	19.79	19.71	19.71	19.75	21	3
5	64QAM	12	7	19.61	19.79	19.71	19.86	19.85		
5	64QAM	12	13	19.68	19.66	19.87	19.82	19.71		
5	64QAM	25	0	19.59	19.58	19.68	19.69	19.71		

Band 41(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.89	22.90	22.97	22.99	23.02	24	0
20	QPSK	1	49	22.99	23.12	23.30	23.13	23.25		
20	QPSK	1	99	22.92	23.02	23.06	23.03	23.15		
20	QPSK	50	0	22.04	22.06	22.41	22.29	22.35	23	1
20	QPSK	50	24	21.90	22.04	22.23	22.26	22.31		
20	QPSK	50	50	22.00	22.04	22.28	22.26	22.34		
20	QPSK	100	0	21.91	22.03	22.36	22.30	22.32		
20	16QAM	1	0	21.94	21.94	22.23	22.26	22.18	23	1
20	16QAM	1	49	22.02	22.14	22.41	22.40	22.40		
20	16QAM	1	99	21.92	22.11	22.26	22.29	22.27		
20	16QAM	50	0	21.13	21.20	21.28	21.30	21.28	22	2
20	16QAM	50	24	21.18	21.23	21.31	21.27	21.34		
20	16QAM	50	50	21.16	21.19	21.32	21.28	21.37		
20	16QAM	100	0	21.09	21.18	21.29	21.25	21.37		
20	64QAM	1	0	20.74	20.77	20.85	20.85	20.92	22	2
20	64QAM	1	49	20.83	20.91	21.11	20.97	21.06		
20	64QAM	1	99	20.77	20.86	20.96	20.93	20.96		
20	64QAM	50	0	20.06	20.15	20.24	20.26	20.19	21	3
20	64QAM	50	24	20.01	20.20	20.26	20.24	20.21		
20	64QAM	50	50	20.04	20.18	20.22	20.16	20.23		
20	64QAM	100	0	20.03	20.11	20.20	20.23	20.22		
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	22.80	22.80	23.04	23.04	23.04	24	0
15	QPSK	1	37	23.00	22.96	23.24	23.19	23.18		
15	QPSK	1	74	23.01	22.84	23.15	23.09	23.21		
15	QPSK	36	0	22.00	22.00	22.45	22.19	22.45	23	1
15	QPSK	36	20	21.90	22.12	22.23	22.24	22.39		
15	QPSK	36	39	22.10	22.06	22.28	22.23	22.37		
15	QPSK	75	0	21.92	22.08	22.31	22.36	22.27		
15	16QAM	1	0	22.00	21.93	22.28	22.34	22.13	23	1
15	16QAM	1	37	22.07	22.21	22.35	22.39	22.41		
15	16QAM	1	74	22.01	22.03	22.26	22.25	22.17		
15	16QAM	36	0	21.12	21.30	21.18	21.28	21.30	22	2
15	16QAM	36	20	21.19	21.29	21.40	21.24	21.32		
15	16QAM	36	39	21.22	21.09	21.38	21.25	21.29		
15	16QAM	75	0	21.11	21.08	21.27	21.28	21.46		
15	64QAM	1	0	20.84	20.68	20.90	20.95	20.88	22	2
15	64QAM	1	37	20.92	20.93	21.15	20.90	21.12		
15	64QAM	1	74	20.86	20.82	20.94	21.02	20.94		
15	64QAM	36	0	20.16	20.22	20.18	20.26	20.24	21	3
15	64QAM	36	20	19.99	20.17	20.21	20.31	20.23		
15	64QAM	36	39	19.97	20.21	20.21	20.14	20.30		
15	64QAM	75	0	20.13	20.21	20.11	20.20	20.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.83	22.81	22.98	22.97	22.98	24	0
10	QPSK	1	25	22.91	22.94	23.22	23.20	23.21		
10	QPSK	1	49	22.94	22.92	23.16	22.93	23.12		
10	QPSK	25	0	22.14	21.99	22.35	22.29	22.44	23	1
10	QPSK	25	12	21.85	21.98	22.17	22.35	22.28		
10	QPSK	25	25	22.06	21.96	22.38	22.19	22.24		
10	QPSK	50	0	21.82	22.10	22.39	22.33	22.23		
10	16QAM	1	0	21.84	21.85	22.26	22.22	22.13	23	1
10	16QAM	1	25	21.92	22.10	22.45	22.32	22.39		
10	16QAM	1	49	21.89	22.19	22.31	22.26	22.26		
10	16QAM	25	0	21.18	21.28	21.30	21.34	21.22	22	2
10	16QAM	25	12	21.21	21.30	21.31	21.35	21.35		
10	16QAM	25	25	21.23	21.10	21.35	21.25	21.40		
10	16QAM	50	0	21.17	21.17	21.21	21.32	21.41		
10	64QAM	1	0	20.67	20.78	20.77	20.79	20.87	22	2
10	64QAM	1	25	20.93	20.84	21.10	20.89	21.10		
10	64QAM	1	49	20.72	20.96	20.99	20.93	20.97		
10	64QAM	25	0	20.10	20.08	20.15	20.31	20.29	21	3
10	64QAM	25	12	20.00	20.24	20.27	20.18	20.12		
10	64QAM	25	25	20.00	20.13	20.22	20.09	20.15		
10	64QAM	50	0	20.00	20.08	20.30	20.21	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	22.85	22.88	22.96	23.06	22.93	24	0
5	QPSK	1	12	22.91	22.82	23.24	23.23	23.27		
5	QPSK	1	24	22.86	22.96	23.09	23.12	23.11		
5	QPSK	12	0	22.03	22.16	22.33	22.26	22.30	23	1
5	QPSK	12	7	21.99	22.14	22.21	22.28	22.37		
5	QPSK	12	13	21.93	21.97	22.23	22.33	22.28		
5	QPSK	25	0	21.86	22.02	22.34	22.25	22.40		
5	16QAM	1	0	22.03	21.86	22.17	22.24	22.24	23	1
5	16QAM	1	12	21.99	22.07	22.51	22.37	22.36		
5	16QAM	1	24	21.96	22.19	22.34	22.36	22.36		
5	16QAM	12	0	21.21	21.11	21.26	21.33	21.26	22	2
5	16QAM	12	7	21.22	21.18	21.27	21.25	21.39		
5	16QAM	12	13	21.24	21.24	21.23	21.37	21.36		
5	16QAM	25	0	21.02	21.09	21.38	21.32	21.31		
5	64QAM	1	0	20.72	20.80	20.80	20.82	20.93	22	2
5	64QAM	1	12	20.78	20.92	21.01	20.93	21.08		
5	64QAM	1	24	20.70	20.92	20.98	20.89	20.96		
5	64QAM	12	0	19.97	20.05	20.22	20.19	20.13	21	3
5	64QAM	12	7	19.92	20.27	20.25	20.31	20.21		
5	64QAM	12	13	20.03	20.21	20.15	20.17	20.22		
5	64QAM	25	0	20.09	20.15	20.26	20.30	20.19		

Part 27Q_Band 42_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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	15.11	15.10	14.94	16	0
20	QPSK	1	49	15.15	15.11	14.99		
20	QPSK	1	99	14.81	14.98	14.82		
20	QPSK	50	0	14.23	14.21	14.07	15	1
20	QPSK	50	24	14.04	14.19	13.96		
20	QPSK	50	50	14.13	13.98	13.91		
20	QPSK	100	0	14.16	14.15	14.03		
20	16QAM	1	0	14.01	14.08	14.02	15	1
20	16QAM	1	49	14.13	14.09	13.99		
20	16QAM	1	99	13.92	14.01	13.77		
20	16QAM	50	0	13.11	13.21	13.08	14	2
20	16QAM	50	24	13.06	13.04	13.03		
20	16QAM	50	50	13.01	13.04	12.90		
20	16QAM	100	0	13.11	13.08	12.97		
20	64QAM	1	0	12.69	12.82	12.74	14	2
20	64QAM	1	49	12.85	12.88	12.79		
20	64QAM	1	99	12.59	12.65	12.45		
20	64QAM	50	0	12.11	12.13	12.02	13	3
20	64QAM	50	24	11.97	12.16	11.95		
20	64QAM	50	50	12.00	12.07	11.79		
20	64QAM	100	0	11.94	12.09	11.97		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	14.98	15.07	14.87	16	0
15	QPSK	1	37	15.07	15.01	14.91		
15	QPSK	1	74	14.75	14.89	14.68		
15	QPSK	36	0	14.08	14.17	14.04	15	1
15	QPSK	36	20	13.92	14.10	13.83		
15	QPSK	36	39	14.08	13.89	13.86		
15	QPSK	75	0	14.02	14.05	13.96		
15	16QAM	1	0	13.96	13.96	14.00	15	1
15	16QAM	1	37	14.04	14.04	13.88		
15	16QAM	1	74	13.86	13.90	13.71		
15	16QAM	36	0	13.05	13.11	12.95	14	2
15	16QAM	36	20	13.03	12.98	12.89		
15	16QAM	36	39	12.89	12.99	12.83		
15	16QAM	75	0	12.96	13.05	12.86		
15	64QAM	1	0	12.56	12.72	12.59	14	2
15	64QAM	1	37	12.77	12.85	12.70		
15	64QAM	1	74	12.49	12.51	12.42		
15	64QAM	36	0	11.96	12.12	11.90	13	3
15	64QAM	36	20	11.95	12.06	11.83		
15	64QAM	36	39	11.87	12.01	11.73		
15	64QAM	75	0	11.89	12.02	11.82		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	14.97	15.07	14.84	16	0
10	QPSK	1	25	15.07	15.09	14.88		
10	QPSK	1	49	14.68	14.88	14.73		
10	QPSK	25	0	14.20	14.06	13.92	15	1
10	QPSK	25	12	14.01	14.06	13.95		
10	QPSK	25	25	14.05	13.84	13.82		
10	QPSK	50	0	14.14	14.08	13.91		
10	16QAM	1	0	13.96	14.05	13.88	15	1
10	16QAM	1	25	14.05	14.08	13.97		
10	16QAM	1	49	13.83	13.86	13.66		
10	16QAM	25	0	12.97	13.14	13.06	14	2
10	16QAM	25	12	12.95	13.03	12.89		
10	16QAM	25	25	13.00	12.89	12.89		
10	16QAM	50	0	13.02	12.93	12.86		
10	64QAM	1	0	12.66	12.76	12.63	14	2
10	64QAM	1	25	12.79	12.82	12.64		
10	64QAM	1	49	12.56	12.56	12.39		
10	64QAM	25	0	12.03	12.06	12.01	13	3
10	64QAM	25	12	11.93	12.13	11.91		
10	64QAM	25	25	11.87	12.04	11.70		
10	64QAM	50	0	11.83	12.01	11.83		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	14.98	15.09	14.83	16	0
5	QPSK	1	12	15.00	15.05	14.84		
5	QPSK	1	24	14.70	14.86	14.73		
5	QPSK	12	0	14.22	14.18	13.92	15	1
5	QPSK	12	7	13.99	14.06	13.89		
5	QPSK	12	13	13.99	13.89	13.81		
5	QPSK	25	0	14.01	14.10	13.90		
5	16QAM	1	0	13.96	13.94	13.87	15	1
5	16QAM	1	12	14.01	14.08	13.96		
5	16QAM	1	24	13.80	13.91	13.66		
5	16QAM	12	0	13.04	13.15	12.99	14	2
5	16QAM	12	7	13.02	12.94	12.90		
5	16QAM	12	13	12.95	12.95	12.75		
5	16QAM	25	0	13.03	13.03	12.95		
5	64QAM	1	0	12.66	12.68	12.71	14	2
5	64QAM	1	12	12.79	12.84	12.78		
5	64QAM	1	24	12.55	12.64	12.38		
5	64QAM	12	0	11.96	12.03	11.95	13	3
5	64QAM	12	7	11.84	12.01	11.93		
5	64QAM	12	13	11.91	12.00	11.65		
5	64QAM	25	0	11.87	11.97	11.86		

Reduced Power Mode for Sensor On

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	30.85	30.87	30.66	**32.50**	21.85	21.87	21.66	23.50
GPRS 1 Tx slot	30.80	30.86	30.66	**32.50**	21.80	21.86	21.66	23.50
GPRS 2 Tx slots	30.26	30.35	30.04	**32.00**	24.26	24.35	24.04	26.00
GPRS 3 Tx slots	28.75	28.75	28.52	**30.50**	24.49	24.49	24.26	26.24
GPRS 4 Tx slots	27.61	27.63	27.58	**29.50**	24.61	24.63	24.58	26.50
EDGE 1 Tx slot	24.72	25.29	24.79	**26.50**	15.72	16.29	15.79	17.50
EDGE 2 Tx slots	23.21	23.29	23.26	**24.50**	17.21	17.29	17.26	18.50
EDGE 3 Tx slots	20.75	21.03	20.99	**22.50**	16.49	16.77	16.73	18.24
EDGE 4 Tx slots	19.56	19.46	19.48	**21.00**	16.56	16.46	16.48	18.00

GSM1900_Ant 1	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	26.93	26.89	26.61	**28.50**	17.93	17.89	17.61	19.50
GPRS 1 Tx slot	26.86	26.89	26.79	**28.50**	17.86	17.89	17.79	19.50
GPRS 2 Tx slots	26.41	26.24	26.07	**28.00**	20.41	20.24	20.07	22.00
GPRS 3 Tx slots	24.87	24.72	24.58	**26.50**	20.61	20.46	20.32	22.24
GPRS 4 Tx slots	23.54	23.61	23.58	**25.50**	20.54	20.61	20.58	22.50
EDGE 1 Tx slot	23.09	22.90	22.70	**24.50**	14.09	13.90	13.70	15.50
EDGE 2 Tx slots	22.01	21.83	21.60	**23.50**	16.01	15.83	15.60	17.50
EDGE 3 Tx slots	19.57	19.71	19.54	**21.50**	15.31	15.45	15.28	17.24
EDGE 4 Tx slots	18.32	18.19	18.19	**20.00**	15.32	15.19	15.19	17.00

Band		WCDMA II_Ant 1			Tune-up Limit (dBm)	WCDMA IV_Ant 1			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	18.98	19.11	19.08	**20.50**	19.19	19.22	19.11	**21.00**	22.52	22.58	22.49	**24.00**
3GPP Rel 99	RMC 12.2Kbps	19.10	19.15	19.11	**20.50**	19.24	19.33	19.20	**21.00**	22.56	22.61	22.50	**24.00**
3GPP Rel 6	HSDPA Subtest-1	18.04	18.07	18.05	**19.50**	18.20	18.29	18.26	**20.00**	21.48	21.62	21.47	**23.00**
3GPP Rel 6	HSDPA Subtest-2	17.94	18.02	17.97	**19.50**	18.11	18.21	18.06	**20.00**	21.47	21.60	21.47	**23.00**
3GPP Rel 6	HSDPA Subtest-3	17.44	17.59	17.46	**19.00**	17.67	17.81	17.68	**19.50**	21.01	21.12	21.00	**22.50**
3GPP Rel 6	HSDPA Subtest-4	17.54	17.55	17.43	**19.00**	17.71	17.73	17.68	**19.50**	20.96	21.09	20.97	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	18.23	18.27	18.18	**19.50**	18.11	18.16	18.12	**20.00**	21.62	21.67	21.56	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	18.22	18.23	18.12	**19.50**	18.05	18.08	18.05	**20.00**	21.65	21.66	21.59	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	17.63	17.78	17.64	**19.00**	17.59	17.58	17.59	**19.50**	21.13	21.20	21.03	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	17.57	17.71	17.67	**19.00**	17.51	17.62	17.54	**19.50**	21.09	21.18	21.14	**22.50**
3GPP Rel 6	HSUPA Subtest-1	16.07	16.19	16.17	**17.50**	16.20	16.23	16.10	**18.00**	19.45	19.44	19.42	**21.00**
3GPP Rel 6	HSUPA Subtest-2	16.02	16.11	16.00	**17.50**	16.08	16.17	16.12	**18.00**	19.43	19.45	19.46	**21.00**
3GPP Rel 6	HSUPA Subtest-3	17.03	17.08	16.95	**18.50**	17.21	17.23	17.12	**19.00**	20.45	20.46	20.47	**22.00**
3GPP Rel 6	HSUPA Subtest-4	15.54	15.61	15.56	**17.50**	16.05	16.08	16.04	**18.00**	19.04	19.03	19.01	**21.00**
3GPP Rel 6	HSUPA Subtest-5	17.05	17.19	17.11	**18.50**	17.02	17.17	17.05	**19.00**	20.40	20.60	20.40	**22.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.00	16.05	15.95	**17.00**	16.18	16.22	16.21	**17.50**	19.43	19.44	19.48	**20.50**

Band 2_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.02	19.02	18.92	20.5	0
20	QPSK	1	49	19.03	19.17	19.06		
20	QPSK	1	99	18.96	19.09	19.00		
20	QPSK	50	0	17.93	18.08	17.96	19.5	1
20	QPSK	50	24	17.89	17.98	17.94		
20	QPSK	50	50	17.82	17.93	17.85		
20	QPSK	100	0	17.88	17.94	17.90		
20	16QAM	1	0	17.92	18.05	17.86	19.5	1
20	16QAM	1	49	17.91	18.06	17.90		
20	16QAM	1	99	17.88	17.93	17.83		
20	16QAM	50	0	16.91	17.03	16.87	18.5	2
20	16QAM	50	24	16.78	16.97	16.81		
20	16QAM	50	50	16.84	17.06	16.87		
20	16QAM	100	0	16.92	17.03	16.95		
20	64QAM	1	0	16.80	17.01	16.92	18.5	2
20	64QAM	1	49	16.85	16.98	16.94		
20	64QAM	1	99	16.85	17.06	16.87		
20	64QAM	50	0	15.78	16.00	15.91	17.5	3
20	64QAM	50	24	15.83	15.96	15.93		
20	64QAM	50	50	15.91	15.94	15.85		
20	64QAM	100	0	15.90	16.02	15.81		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.78	18.78	18.78	20.5	0
15	QPSK	1	37	18.96	18.97	18.95		
15	QPSK	1	74	18.85	18.92	18.95		
15	QPSK	36	0	17.92	17.92	17.83	19.5	1
15	QPSK	36	20	17.87	17.89	17.84		
15	QPSK	36	39	17.82	17.80	17.75		
15	QPSK	75	0	17.77	17.89	17.75		
15	16QAM	1	0	17.78	17.75	17.78	19.5	1
15	16QAM	1	37	17.82	17.84	17.81		
15	16QAM	1	74	17.68	17.71	17.77		
15	16QAM	36	0	16.78	16.84	16.76	18.5	2
15	16QAM	36	20	16.74	16.73	16.67		
15	16QAM	36	39	16.81	16.74	16.76		
15	16QAM	75	0	16.87	16.83	16.87		
15	64QAM	1	0	16.90	16.81	16.80	18.5	2
15	64QAM	1	37	16.90	16.79	16.90		
15	64QAM	1	74	16.77	16.77	16.82		
15	64QAM	36	0	15.90	15.80	15.87	17.5	3
15	64QAM	36	20	15.84	15.87	15.80		
15	64QAM	36	39	15.73	15.81	15.72		
15	64QAM	75	0	15.73	15.77	15.72		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.90	18.83	18.78	20.5	0
10	QPSK	1	25	18.92	19.05	19.05		
10	QPSK	1	49	18.89	18.90	18.90		
10	QPSK	25	0	17.87	17.89	17.89	19.5	1
10	QPSK	25	12	17.88	17.93	17.86		
10	QPSK	25	25	17.83	17.75	17.71		
10	QPSK	50	0	17.82	17.78	17.83		
10	16QAM	1	0	17.78	17.80	17.80	19.5	1
10	16QAM	1	25	17.84	17.85	17.81		
10	16QAM	1	49	17.72	17.77	17.74		
10	16QAM	25	0	16.75	16.82	16.79	18.5	2
10	16QAM	25	12	16.66	16.74	16.80		
10	16QAM	25	25	16.82	16.77	16.75		
10	16QAM	50	0	16.87	16.81	16.94		
10	64QAM	1	0	16.79	16.87	16.77	18.5	2
10	64QAM	1	25	16.80	16.92	16.80		
10	64QAM	1	49	16.81	16.80	16.84		
10	64QAM	25	0	15.88	15.79	15.88	17.5	3
10	64QAM	25	12	15.78	15.78	15.84		
10	64QAM	25	25	15.72	15.74	15.74		
10	64QAM	50	0	15.68	15.72	15.67		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.84	18.77	18.85	20.5	0
5	QPSK	1	12	18.99	18.96	18.94		
5	QPSK	1	24	18.95	18.94	18.90		
5	QPSK	12	0	17.84	17.89	17.94	19.5	1
5	QPSK	12	7	17.93	17.81	17.88		
5	QPSK	12	13	17.84	17.73	17.77		
5	QPSK	25	0	17.75	17.81	17.75		
5	16QAM	1	0	17.84	17.73	17.74	19.5	1
5	16QAM	1	12	17.81	17.84	17.82		
5	16QAM	1	24	17.71	17.82	17.69		
5	16QAM	12	0	16.77	16.77	16.76	18.5	2
5	16QAM	12	7	16.78	16.70	16.70		
5	16QAM	12	13	16.83	16.80	16.82		
5	16QAM	25	0	16.91	16.81	16.85		
5	64QAM	1	0	16.81	16.77	16.81	18.5	2
5	64QAM	1	12	16.86	16.84	16.89		
5	64QAM	1	24	16.82	16.84	16.74		
5	64QAM	12	0	15.85	15.76	15.87	17.5	3
5	64QAM	12	7	15.80	15.91	15.80		
5	64QAM	12	13	15.70	15.84	15.74		
5	64QAM	25	0	15.78	15.79	15.66		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.82	18.78	18.90	20.5	0
3	QPSK	1	8	19.01	19.00	19.00		
3	QPSK	1	14	18.98	18.86	18.88		
3	QPSK	8	0	17.94	17.88	17.89	19.5	1
3	QPSK	8	4	17.86	17.79	17.81		
3	QPSK	8	7	17.71	17.71	17.82		
3	QPSK	15	0	17.89	17.79	17.82		
3	16QAM	1	0	17.72	17.75	17.85	19.5	1
3	16QAM	1	8	17.81	17.83	17.89		
3	16QAM	1	14	17.78	17.73	17.73		
3	16QAM	8	0	16.83	16.85	16.73	18.5	2
3	16QAM	8	4	16.74	16.66	16.77		
3	16QAM	8	7	16.75	16.78	16.73		
3	16QAM	15	0	16.88	16.92	16.85		
3	64QAM	1	0	16.88	16.79	16.79	18.5	2
3	64QAM	1	8	16.85	16.91	16.81		
3	64QAM	1	14	16.77	16.86	16.73		
3	64QAM	8	0	15.84	15.88	15.80	17.5	3
3	64QAM	8	4	15.82	15.79	15.89		
3	64QAM	8	7	15.81	15.77	15.78		
3	64QAM	15	0	15.80	15.78	15.66		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.91	18.81	18.86	20.5	0
1.4	QPSK	1	3	18.93	19.04	19.02		
1.4	QPSK	1	5	18.97	18.85	18.92		
1.4	QPSK	3	0	18.82	18.68	18.72		
1.4	QPSK	3	1	18.79	18.97	19.01		
1.4	QPSK	3	3	18.92	18.79	18.88		
1.4	QPSK	6	0	17.83	17.88	17.81	19.5	1
1.4	16QAM	1	0	17.73	17.76	17.82	19.5	1
1.4	16QAM	1	3	17.83	17.86	17.87		
1.4	16QAM	1	5	17.76	17.69	17.73		
1.4	16QAM	3	0	17.68	17.65	17.79		
1.4	16QAM	3	1	17.71	17.84	17.80		
1.4	16QAM	3	3	17.61	17.64	17.65		
1.4	16QAM	6	0	16.94	16.93	16.91	18.5	2
1.4	64QAM	1	0	16.77	16.85	16.80	18.5	2
1.4	64QAM	1	3	16.92	16.91	16.80		
1.4	64QAM	1	5	16.78	16.84	16.82		
1.4	64QAM	3	0	16.74	16.75	16.76		
1.4	64QAM	3	1	16.84	16.80	16.72		
1.4	64QAM	3	3	16.68	16.71	16.80		
1.4	64QAM	6	0	15.79	15.74	15.75	17.5	3

Band 2(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.43	19.39	19.34	20.5	0
20	QPSK	1	49	19.46	19.66	19.46		
20	QPSK	1	99	19.21	19.12	19.19		
20	QPSK	50	0	18.50	18.53	18.52	19.5	1
20	QPSK	50	24	18.48	18.44	18.42		
20	QPSK	50	50	18.31	18.35	18.33		
20	QPSK	100	0	18.31	18.36	18.34		
20	16QAM	1	0	18.47	18.46	18.47	19.5	1
20	16QAM	1	49	18.67	18.58	18.57		
20	16QAM	1	99	18.73	18.72	18.78		
20	16QAM	50	0	17.34	17.31	17.39	18.5	2
20	16QAM	50	24	17.43	17.44	17.41		
20	16QAM	50	50	17.33	17.31	17.34		
20	16QAM	100	0	17.44	17.39	17.37		
20	64QAM	1	0	17.52	17.59	17.53	18.5	2
20	64QAM	1	49	17.07	17.12	17.15		
20	64QAM	1	99	17.31	17.27	17.29		
20	64QAM	50	0	16.35	16.25	16.30	17.5	3
20	64QAM	50	24	16.32	16.28	16.29		
20	64QAM	50	50	16.33	16.40	16.38		
20	64QAM	100	0	16.31	16.24	16.21		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.40	19.41	19.32	20.5	0
15	QPSK	1	37	19.34	19.35	19.36		
15	QPSK	1	74	19.16	19.12	19.15		
15	QPSK	36	0	18.49	18.44	18.42	19.5	1
15	QPSK	36	20	18.33	18.46	18.37		
15	QPSK	36	39	18.27	18.24	18.18		
15	QPSK	75	0	18.19	18.17	18.29		
15	16QAM	1	0	18.37	18.44	18.36	19.5	1
15	16QAM	1	37	18.61	18.66	18.57		
15	16QAM	1	74	18.61	18.72	18.62		
15	16QAM	36	0	17.33	17.20	17.30	18.5	2
15	16QAM	36	20	17.41	17.36	17.35		
15	16QAM	36	39	17.18	17.27	17.30		
15	16QAM	75	0	17.42	17.43	17.43		
15	64QAM	1	0	17.46	17.38	17.47	18.5	2
15	64QAM	1	37	16.94	16.93	16.98		
15	64QAM	1	74	17.19	17.30	17.26		
15	64QAM	36	0	16.20	16.24	16.21	17.5	3
15	64QAM	36	20	16.31	16.18	16.19		
15	64QAM	36	39	16.19	16.20	16.26		
15	64QAM	75	0	16.23	16.17	16.27		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.35	19.33	19.35	20.5	0
10	QPSK	1	25	19.38	19.34	19.35		
10	QPSK	1	49	19.20	19.14	19.20		
10	QPSK	25	0	18.47	18.43	18.40	19.5	1
10	QPSK	25	12	18.40	18.45	18.34		
10	QPSK	25	25	18.22	18.30	18.23		
10	QPSK	50	0	18.23	18.27	18.30		
10	16QAM	1	0	18.33	18.36	18.43	19.5	1
10	16QAM	1	25	18.54	18.61	18.64		
10	16QAM	1	49	18.72	18.58	18.71		
10	16QAM	25	0	17.30	17.25	17.25	18.5	2
10	16QAM	25	12	17.38	17.32	17.35		
10	16QAM	25	25	17.32	17.24	17.29		
10	16QAM	50	0	17.36	17.43	17.42		
10	64QAM	1	0	17.37	17.40	17.49	18.5	2
10	64QAM	1	25	16.97	17.03	17.06		
10	64QAM	1	49	17.20	17.26	17.26		
10	64QAM	25	0	16.30	16.33	16.26	17.5	3
10	64QAM	25	12	16.30	16.21	16.29		
10	64QAM	25	25	16.29	16.28	16.18		
10	64QAM	50	0	16.16	16.29	16.23		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.41	19.30	19.35	20.5	0
5	QPSK	1	12	19.41	19.37	19.41		
5	QPSK	1	24	19.13	19.17	19.06		
5	QPSK	12	0	18.38	18.38	18.35	19.5	1
5	QPSK	12	7	18.39	18.34	18.38		
5	QPSK	12	13	18.24	18.23	18.17		
5	QPSK	25	0	18.27	18.30	18.30		
5	16QAM	1	0	18.44	18.41	18.46	19.5	1
5	16QAM	1	12	18.65	18.66	18.61		
5	16QAM	1	24	18.70	18.70	18.61		
5	16QAM	12	0	17.23	17.20	17.19	18.5	2
5	16QAM	12	7	17.38	17.28	17.28		
5	16QAM	12	13	17.25	17.30	17.27		
5	16QAM	25	0	17.40	17.40	17.41		
5	64QAM	1	0	17.42	17.40	17.50	18.5	2
5	64QAM	1	12	17.02	16.94	17.00		
5	64QAM	1	24	17.18	17.19	17.26		
5	64QAM	12	0	16.26	16.27	16.25	17.5	3
5	64QAM	12	7	16.19	16.17	16.19		
5	64QAM	12	13	16.20	16.26	16.18		
5	64QAM	25	0	16.19	16.28	16.27		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.29	19.30	19.40	20.5	0
3	QPSK	1	8	19.44	19.41	19.38		
3	QPSK	1	14	19.07	19.18	19.14		
3	QPSK	8	0	18.49	18.47	18.48	19.5	1
3	QPSK	8	4	18.45	18.34	18.36		
3	QPSK	8	7	18.23	18.30	18.22		
3	QPSK	15	0	18.30	18.18	18.20		
3	16QAM	1	0	18.40	18.43	18.32	19.5	1
3	16QAM	1	8	18.61	18.64	18.65		
3	16QAM	1	14	18.71	18.66	18.62		
3	16QAM	8	0	17.26	17.31	17.21	18.5	2
3	16QAM	8	4	17.37	17.28	17.34		
3	16QAM	8	7	17.29	17.25	17.20		
3	16QAM	15	0	17.41	17.38	17.43		
3	64QAM	1	0	17.38	17.51	17.43	18.5	2
3	64QAM	1	8	17.02	16.92	17.00		
3	64QAM	1	14	17.23	17.22	17.28		
3	64QAM	8	0	16.20	16.25	16.30	17.5	3
3	64QAM	8	4	16.27	16.27	16.24		
3	64QAM	8	7	16.32	16.24	16.21		
3	64QAM	15	0	16.20	16.18	16.25		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.39	19.30	19.29	20.5	0
1.4	QPSK	1	3	19.20	19.44	19.31		
1.4	QPSK	1	5	19.26	19.40	19.33		
1.4	QPSK	3	0	19.28	19.37	19.32		
1.4	QPSK	3	1	19.30	19.28	19.34		
1.4	QPSK	3	3	19.32	19.41	19.39		
1.4	QPSK	6	0	18.29	18.37	18.36	19.5	1
1.4	16QAM	1	0	18.43	18.53	18.27	19.5	1
1.4	16QAM	1	3	18.79	18.61	18.82		
1.4	16QAM	1	5	18.18	18.88	18.79		
1.4	16QAM	3	0	18.29	18.38	18.36		
1.4	16QAM	3	1	18.36	18.41	18.11		
1.4	16QAM	3	3	18.12	18.21	18.23		
1.4	16QAM	6	0	17.19	17.44	17.30	18.5	2
1.4	64QAM	1	0	17.06	17.08	17.60	18.5	2
1.4	64QAM	1	3	17.36	17.36	17.29		
1.4	64QAM	1	5	17.44	17.54	17.60		
1.4	64QAM	3	0	17.36	17.49	17.48		
1.4	64QAM	3	1	17.47	17.16	17.44		
1.4	64QAM	3	3	17.25	17.36	17.44		
1.4	64QAM	6	0	16.15	16.32	16.10	17.5	3

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	20.28	20.38	20.20	22	0
20	QPSK	1	49	20.41	20.51	20.42		
20	QPSK	1	99	20.30	20.47	20.29		
20	QPSK	50	0	19.17	19.38	19.29	21	1
20	QPSK	50	24	19.15	19.26	19.20		
20	QPSK	50	50	19.16	19.31	19.14		
20	QPSK	100	0	19.13	19.28	19.20		
20	16QAM	1	0	19.04	19.23	19.25	21	1
20	16QAM	1	49	19.13	19.28	19.23		
20	16QAM	1	99	19.04	19.35	19.27		
20	16QAM	50	0	18.13	18.37	18.19	20	2
20	16QAM	50	24	18.10	18.31	18.21		
20	16QAM	50	50	18.06	18.37	18.25		
20	16QAM	100	0	18.13	18.27	18.24		
20	64QAM	1	0	18.03	18.31	18.24	20	2
20	64QAM	1	49	18.11	18.33	18.15		
20	64QAM	1	99	18.14	18.32	18.28		
20	64QAM	50	0	17.03	17.32	17.25	19	3
20	64QAM	50	24	17.07	17.26	17.15		
20	64QAM	50	50	17.05	17.24	17.20		
20	64QAM	100	0	17.08	17.29	17.14		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.22	20.22	20.24	22	0
15	QPSK	1	37	20.22	20.26	20.24		
15	QPSK	1	74	20.22	20.23	20.29		
15	QPSK	36	0	19.08	19.16	19.10	21	1
15	QPSK	36	20	19.01	19.05	19.05		
15	QPSK	36	39	19.08	19.01	19.11		
15	QPSK	75	0	18.98	19.05	19.09		
15	16QAM	1	0	19.02	18.96	18.97	21	1
15	16QAM	1	37	19.02	19.06	19.03		
15	16QAM	1	74	18.94	18.98	18.97		
15	16QAM	36	0	18.03	18.12	18.05	20	2
15	16QAM	36	20	18.08	18.08	18.07		
15	16QAM	36	39	17.94	18.05	17.94		
15	16QAM	75	0	18.06	18.00	17.98		
15	64QAM	1	0	17.90	17.94	17.98	20	2
15	64QAM	1	37	17.96	17.99	18.09		
15	64QAM	1	74	18.11	18.10	18.06		
15	64QAM	36	0	16.98	16.89	16.97	19	3
15	64QAM	36	20	16.98	16.93	17.05		
15	64QAM	36	39	16.94	16.96	16.93		
15	64QAM	75	0	17.01	16.97	17.05		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.17	20.19	20.27	22	0
10	QPSK	1	25	20.28	20.25	20.22		
10	QPSK	1	49	20.20	20.27	20.23		
10	QPSK	25	0	19.13	19.10	19.03	21	1
10	QPSK	25	12	19.01	19.02	19.03		
10	QPSK	25	25	19.10	19.07	19.10		
10	QPSK	50	0	19.07	19.09	19.07		
10	16QAM	1	0	19.05	19.17	19.03	21	1
10	16QAM	1	25	19.13	19.14	19.14		
10	16QAM	1	49	19.16	19.10	19.05		
10	16QAM	25	0	18.18	18.15	18.12	20	2
10	16QAM	25	12	18.16	18.09	18.09		
10	16QAM	25	25	18.15	18.18	18.05		
10	16QAM	50	0	18.12	18.12	18.15		
10	64QAM	1	0	18.16	18.09	18.16	20	2
10	64QAM	1	25	18.17	18.15	18.16		
10	64QAM	1	49	18.15	18.18	18.23		
10	64QAM	25	0	17.05	17.11	17.10	19	3
10	64QAM	25	12	17.18	17.08	17.08		
10	64QAM	25	25	17.13	17.13	17.09		
10	64QAM	50	0	17.09	17.10	17.21		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.23	20.25	20.22	22	0
5	QPSK	1	12	20.30	20.23	20.23		
5	QPSK	1	24	20.28	20.24	20.17		
5	QPSK	12	0	19.05	19.09	19.08	21	1
5	QPSK	12	7	19.13	19.05	19.12		
5	QPSK	12	13	19.12	19.03	19.05		
5	QPSK	25	0	19.10	19.07	19.02		
5	16QAM	1	0	19.16	19.04	19.13	21	1
5	16QAM	1	12	19.18	19.22	19.22		
5	16QAM	1	24	19.17	19.13	19.11		
5	16QAM	12	0	18.15	18.19	18.26	20	2
5	16QAM	12	7	18.15	18.23	18.20		
5	16QAM	12	13	18.08	18.17	18.09		
5	16QAM	25	0	18.16	18.23	18.17		
5	64QAM	1	0	18.11	18.11	18.03	20	2
5	64QAM	1	12	18.14	18.17	18.14		
5	64QAM	1	24	18.27	18.19	18.14		
5	64QAM	12	0	17.04	17.14	17.12	19	3
5	64QAM	12	7	17.16	17.11	17.12		
5	64QAM	12	13	17.14	17.13	17.16		
5	64QAM	25	0	17.14	17.15	17.13		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.25	20.14	20.21	22	0
3	QPSK	1	8	20.29	20.28	20.27		
3	QPSK	1	14	20.21	20.25	20.29		
3	QPSK	8	0	19.02	19.05	19.14	21	1
3	QPSK	8	4	19.01	19.14	19.09		
3	QPSK	8	7	19.11	19.01	19.13		
3	QPSK	15	0	19.07	19.12	19.01		
3	16QAM	1	0	19.03	19.06	19.15	21	1
3	16QAM	1	8	19.17	19.17	19.19		
3	16QAM	1	14	19.04	19.16	19.13		
3	16QAM	8	0	18.25	18.22	18.13	20	2
3	16QAM	8	4	18.20	18.22	18.17		
3	16QAM	8	7	18.16	18.16	18.07		
3	16QAM	15	0	18.15	18.16	18.24		
3	64QAM	1	0	18.11	18.15	18.05	20	2
3	64QAM	1	8	18.19	18.13	18.20		
3	64QAM	1	14	18.22	18.24	18.26		
3	64QAM	8	0	17.02	17.13	17.13	19	3
3	64QAM	8	4	17.12	17.06	17.20		
3	64QAM	8	7	17.09	17.05	17.08		
3	64QAM	15	0	17.10	17.13	17.19		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.19	20.19	20.27	22	0
1.4	QPSK	1	3	20.25	20.18	20.21		
1.4	QPSK	1	5	20.28	20.24	20.19		
1.4	QPSK	3	0	20.12	20.06	20.23		
1.4	QPSK	3	1	20.12	20.09	20.09		
1.4	QPSK	3	3	20.14	20.19	20.15		
1.4	QPSK	6	0	19.21	19.20	19.26	21	1
1.4	16QAM	1	0	19.06	19.05	19.03	21	1
1.4	16QAM	1	3	19.13	19.17	19.21		
1.4	16QAM	1	5	19.09	19.04	19.08		
1.4	16QAM	3	0	19.08	19.03	19.03		
1.4	16QAM	3	1	19.11	19.10	19.14		
1.4	16QAM	3	3	19.08	19.04	19.06		
1.4	16QAM	6	0	18.12	18.12	18.18	20	2
1.4	64QAM	1	0	18.06	18.04	18.03	20	2
1.4	64QAM	1	3	18.17	18.18	18.10		
1.4	64QAM	1	5	18.24	18.26	18.27		
1.4	64QAM	3	0	18.09	18.01	18.05		
1.4	64QAM	3	1	18.10	18.06	18.01		
1.4	64QAM	3	3	18.10	18.17	18.13		
1.4	64QAM	6	0	17.20	17.10	17.12	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.39	19.42	19.33	21	0
20	QPSK	1	49	19.45	19.59	19.37		
20	QPSK	1	99	19.17	19.35	19.21		
20	QPSK	50	0	18.54	18.56	18.45	20	1
20	QPSK	50	24	18.51	18.40	18.34		
20	QPSK	50	50	18.42	18.47	18.27		
20	QPSK	100	0	18.39	18.43	18.42		
20	16QAM	1	0	18.93	18.61	18.34	20	1
20	16QAM	1	49	18.83	18.44	18.53		
20	16QAM	1	99	18.25	18.45	18.49		
20	16QAM	50	0	17.42	17.34	17.37	19	2
20	16QAM	50	24	17.37	17.35	17.32		
20	16QAM	50	50	17.37	17.44	17.39		
20	16QAM	100	0	17.36	17.32	17.29		
20	64QAM	1	0	17.50	17.45	17.56	19	2
20	64QAM	1	49	17.05	17.53	17.58		
20	64QAM	1	99	17.49	17.19	17.37		
20	64QAM	50	0	16.42	16.43	16.34	18	3
20	64QAM	50	24	16.39	16.37	16.38		
20	64QAM	50	50	16.39	16.35	16.26		
20	64QAM	100	0	16.37	16.44	16.28		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.34	19.31	19.26	21	0
15	QPSK	1	37	19.35	19.58	19.25		
15	QPSK	1	74	19.11	19.24	19.10		
15	QPSK	36	0	18.50	18.45	18.32	20	1
15	QPSK	36	20	18.40	18.29	18.25		
15	QPSK	36	39	18.31	18.41	18.24		
15	QPSK	75	0	18.35	18.29	18.37		
15	16QAM	1	0	18.92	18.47	18.19	20	1
15	16QAM	1	37	18.76	18.31	18.38		
15	16QAM	1	74	18.10	18.36	18.37		
15	16QAM	36	0	17.40	17.26	17.28	19	2
15	16QAM	36	20	17.30	17.31	17.29		
15	16QAM	36	39	17.24	17.37	17.33		
15	16QAM	75	0	17.31	17.26	17.15		
15	64QAM	1	0	17.49	17.34	17.55	19	2
15	64QAM	1	37	17.31	17.38	17.53		
15	64QAM	1	74	17.47	17.17	17.34		
15	64QAM	36	0	16.28	16.34	16.30	18	3
15	64QAM	36	20	16.32	16.22	16.30		
15	64QAM	36	39	16.25	16.26	16.24		
15	64QAM	75	0	16.24	16.33	16.14		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.38	19.41	19.24	21	0
10	QPSK	1	25	19.42	19.55	19.31		
10	QPSK	1	49	19.04	19.25	19.07		
10	QPSK	25	0	18.42	18.41	18.39	20	1
10	QPSK	25	12	18.45	18.31	18.23		
10	QPSK	25	25	18.37	18.41	18.15		
10	QPSK	50	0	18.30	18.33	18.39		
10	16QAM	1	0	18.84	18.60	18.22	20	1
10	16QAM	1	25	18.72	18.40	18.43		
10	16QAM	1	49	18.23	18.34	18.41		
10	16QAM	25	0	17.33	17.31	17.30	19	2
10	16QAM	25	12	17.22	17.27	17.26		
10	16QAM	25	25	17.27	17.30	17.37		
10	16QAM	50	0	17.34	17.28	17.16		
10	64QAM	1	0	17.37	17.34	17.52	19	2
10	64QAM	1	25	17.25	17.52	17.52		
10	64QAM	1	49	17.45	17.06	17.36		
10	64QAM	25	0	16.32	16.31	16.22	18	3
10	64QAM	25	12	16.24	16.28	16.25		
10	64QAM	25	25	16.28	16.26	16.25		
10	64QAM	50	0	16.32	16.32	16.21		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.37	19.38	19.27	21	0
5	QPSK	1	12	19.42	19.44	19.25		
5	QPSK	1	24	19.06	19.31	19.08		
5	QPSK	12	0	18.45	18.42	18.35	20	1
5	QPSK	12	7	18.48	18.39	18.20		
5	QPSK	12	13	18.36	18.33	18.14		
5	QPSK	25	0	18.24	18.40	18.32		
5	16QAM	1	0	18.90	18.57	18.22	20	1
5	16QAM	1	12	18.77	18.35	18.45		
5	16QAM	1	24	18.13	18.36	18.40		
5	16QAM	12	0	17.27	17.27	17.29	19	2
5	16QAM	12	7	17.30	17.29	17.31		
5	16QAM	12	13	17.33	17.32	17.37		
5	16QAM	25	0	17.28	17.31	17.24		
5	64QAM	1	0	17.43	17.33	17.53	19	2
5	64QAM	1	12	17.34	17.44	17.47		
5	64QAM	1	24	17.48	17.16	17.32		
5	64QAM	12	0	16.36	16.35	16.28	18	3
5	64QAM	12	7	16.29	16.23	16.33		
5	64QAM	12	13	16.25	16.33	16.19		
5	64QAM	25	0	16.33	16.35	16.16		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.32	19.37	19.31	21	0
3	QPSK	1	8	19.38	19.50	19.28		
3	QPSK	1	14	19.09	19.32	19.17		
3	QPSK	8	0	18.43	18.50	18.30	20	1
3	QPSK	8	4	18.41	18.25	18.33		
3	QPSK	8	7	18.34	18.41	18.16		
3	QPSK	15	0	18.36	18.30	18.33		
3	16QAM	1	0	18.86	18.47	18.23	20	1
3	16QAM	1	8	18.80	18.31	18.39		
3	16QAM	1	14	18.12	18.31	18.34		
3	16QAM	8	0	17.34	17.29	17.24	19	2
3	16QAM	8	4	17.34	17.24	17.25		
3	16QAM	8	7	17.26	17.40	17.29		
3	16QAM	15	0	17.34	17.23	17.16		
3	64QAM	1	0	17.37	17.43	17.53	19	2
3	64QAM	1	8	17.25	17.52	17.43		
3	64QAM	1	14	17.36	17.10	17.35		
3	64QAM	8	0	16.38	16.37	16.28	18	3
3	64QAM	8	4	16.28	16.35	16.24		
3	64QAM	8	7	16.28	16.27	16.19		
3	64QAM	15	0	16.30	16.35	16.18		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.41	19.52	19.29	21	0
1.4	QPSK	1	3	19.25	19.54	19.46		
1.4	QPSK	1	5	19.44	19.43	19.36		
1.4	QPSK	3	0	19.33	19.40	19.42		
1.4	QPSK	3	1	19.33	19.49	19.35		
1.4	QPSK	3	3	19.44	19.44	19.35		
1.4	QPSK	6	0	18.47	18.49	18.41	20	1
1.4	16QAM	1	0	19.00	18.49	18.52	20	1
1.4	16QAM	1	3	18.60	18.55	18.94		
1.4	16QAM	1	5	18.86	18.93	18.84		
1.4	16QAM	3	0	18.40	18.41	18.26		
1.4	16QAM	3	1	18.36	18.39	18.50		
1.4	16QAM	3	3	18.27	18.43	18.42		
1.4	16QAM	6	0	17.42	17.61	17.40	19	2
1.4	64QAM	1	0	17.40	17.44	17.60	19	2
1.4	64QAM	1	3	17.49	17.35	17.09		
1.4	64QAM	1	5	17.50	17.59	17.51		
1.4	64QAM	3	0	17.41	17.57	17.48		
1.4	64QAM	3	1	17.46	17.61	17.24		
1.4	64QAM	3	3	17.39	17.43	17.60		
1.4	64QAM	6	0	16.23	16.33	16.31	18	3

Band 4(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.91	19.95	19.95	21	0
20	QPSK	1	49	20.01	20.06	19.97		
20	QPSK	1	99	19.94	19.90	19.90		
20	QPSK	50	0	18.86	18.95	18.94	20	1
20	QPSK	50	24	18.75	18.77	18.79		
20	QPSK	50	50	18.69	18.80	18.80		
20	QPSK	100	0	18.73	18.74	18.72		
20	16QAM	1	0	18.78	18.76	18.79	20	1
20	16QAM	1	49	18.70	18.81	18.75		
20	16QAM	1	99	18.76	18.75	18.77		
20	16QAM	50	0	17.83	17.82	17.80	19	2
20	16QAM	50	24	17.77	17.76	17.73		
20	16QAM	50	50	17.82	17.79	17.92		
20	16QAM	100	0	17.84	17.78	17.86		
20	64QAM	1	0	17.84	17.83	17.86	19	2
20	64QAM	1	49	17.79	17.90	17.86		
20	64QAM	1	99	17.79	17.87	17.83		
20	64QAM	50	0	16.78	16.88	16.80	18	3
20	64QAM	50	24	16.90	16.91	16.82		
20	64QAM	50	50	16.75	16.76	16.76		
20	64QAM	100	0	16.80	16.78	16.72		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.89	19.78	19.85	21	0
15	QPSK	1	37	19.95	19.93	19.94		
15	QPSK	1	74	19.83	19.84	19.80		
15	QPSK	36	0	18.85	18.82	18.85	20	1
15	QPSK	36	20	18.70	18.69	18.66		
15	QPSK	36	39	18.68	18.62	18.67		
15	QPSK	75	0	18.66	18.71	18.71		
15	16QAM	1	0	18.66	18.67	18.68	20	1
15	16QAM	1	37	18.55	18.65	18.57		
15	16QAM	1	74	18.73	18.66	18.64		
15	16QAM	36	0	17.76	17.77	17.77	19	2
15	16QAM	36	20	17.66	17.65	17.65		
15	16QAM	36	39	17.77	17.71	17.68		
15	16QAM	75	0	17.72	17.71	17.69		
15	64QAM	1	0	17.83	17.70	17.77	19	2
15	64QAM	1	37	17.71	17.64	17.65		
15	64QAM	1	74	17.78	17.67	17.75		
15	64QAM	36	0	16.66	16.77	16.68	18	3
15	64QAM	36	20	16.86	16.84	16.78		
15	64QAM	36	39	16.74	16.72	16.66		
15	64QAM	75	0	16.77	16.71	16.66		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.81	19.87	19.77	21	0
10	QPSK	1	25	19.95	19.86	20.00		
10	QPSK	1	49	19.79	19.86	19.91		
10	QPSK	25	0	18.79	18.76	18.83	20	1
10	QPSK	25	12	18.62	18.66	18.69		
10	QPSK	25	25	18.64	18.62	18.60		
10	QPSK	50	0	18.68	18.63	18.69		
10	16QAM	1	0	18.76	18.72	18.67	20	1
10	16QAM	1	25	18.68	18.58	18.56		
10	16QAM	1	49	18.61	18.61	18.64		
10	16QAM	25	0	17.76	17.70	17.77	19	2
10	16QAM	25	12	17.73	17.70	17.74		
10	16QAM	25	25	17.79	17.74	17.80		
10	16QAM	50	0	17.74	17.77	17.70		
10	64QAM	1	0	17.83	17.81	17.72	19	2
10	64QAM	1	25	17.73	17.75	17.72		
10	64QAM	1	49	17.66	17.75	17.67		
10	64QAM	25	0	16.67	16.64	16.65	18	3
10	64QAM	25	12	16.81	16.79	16.77		
10	64QAM	25	25	16.63	16.72	16.60		
10	64QAM	50	0	16.66	16.69	16.66		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.87	19.84	19.87	21	0
5	QPSK	1	12	19.93	19.94	19.95		
5	QPSK	1	24	19.81	19.88	19.81		
5	QPSK	12	0	18.73	18.79	18.73	20	1
5	QPSK	12	7	18.63	18.63	18.72		
5	QPSK	12	13	18.64	18.63	18.61		
5	QPSK	25	0	18.64	18.71	18.58		
5	16QAM	1	0	18.72	18.76	18.75	20	1
5	16QAM	1	12	18.67	18.58	18.62		
5	16QAM	1	24	18.69	18.63	18.70		
5	16QAM	12	0	17.80	17.68	17.68	19	2
5	16QAM	12	7	17.70	17.70	17.70		
5	16QAM	12	13	17.79	17.68	17.74		
5	16QAM	25	0	17.75	17.81	17.80		
5	64QAM	1	0	17.83	17.77	17.76	19	2
5	64QAM	1	12	17.76	17.76	17.65		
5	64QAM	1	24	17.67	17.71	17.74		
5	64QAM	12	0	16.70	16.70	16.72	18	3
5	64QAM	12	7	16.85	16.75	16.85		
5	64QAM	12	13	16.61	16.66	16.63		
5	64QAM	25	0	16.76	16.68	16.67		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.76	19.84	19.89	21	0
3	QPSK	1	8	19.92	19.96	19.99		
3	QPSK	1	14	19.82	19.81	19.80		
3	QPSK	8	0	18.72	18.77	18.77	20	1
3	QPSK	8	4	18.68	18.71	18.69		
3	QPSK	8	7	18.61	18.63	18.56		
3	QPSK	15	0	18.61	18.70	18.60		
3	16QAM	1	0	18.77	18.73	18.65	20	1
3	16QAM	1	8	18.55	18.65	18.66		
3	16QAM	1	14	18.68	18.70	18.66		
3	16QAM	8	0	17.74	17.81	17.82	19	2
3	16QAM	8	4	17.75	17.68	17.66		
3	16QAM	8	7	17.81	17.68	17.77		
3	16QAM	15	0	17.75	17.81	17.69		
3	64QAM	1	0	17.79	17.69	17.78	19	2
3	64QAM	1	8	17.72	17.66	17.70		
3	64QAM	1	14	17.69	17.78	17.78		
3	64QAM	8	0	16.73	16.71	16.69	18	3
3	64QAM	8	4	16.78	16.83	16.76		
3	64QAM	8	7	16.74	16.71	16.61		
3	64QAM	15	0	16.65	16.72	16.69		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.79	19.84	19.83	21	0
1.4	QPSK	1	3	19.88	19.87	19.78		
1.4	QPSK	1	5	19.77	19.64	19.69		
1.4	QPSK	3	0	19.65	19.69	19.71		
1.4	QPSK	3	1	19.82	19.75	19.81		
1.4	QPSK	3	3	19.67	19.71	19.65		
1.4	QPSK	6	0	18.82	18.75	18.77	20	1
1.4	16QAM	1	0	18.69	18.80	18.83	20	1
1.4	16QAM	1	3	18.76	18.80	18.87		
1.4	16QAM	1	5	19.27	19.27	19.16		
1.4	16QAM	3	0	18.73	18.70	18.64		
1.4	16QAM	3	1	18.73	18.70	18.72		
1.4	16QAM	3	3	18.72	18.63	18.75		
1.4	16QAM	6	0	17.86	17.93	17.81	19	2
1.4	64QAM	1	0	17.67	17.74	17.78	19	2
1.4	64QAM	1	3	17.59	17.56	17.62		
1.4	64QAM	1	5	17.86	17.92	17.92		
1.4	64QAM	3	0	17.83	17.82	17.89		
1.4	64QAM	3	1	17.92	17.88	17.95		
1.4	64QAM	3	3	17.73	17.65	17.65		
1.4	64QAM	6	0	16.59	16.67	16.66	18	3

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	15.72	15.82	15.86	17.5	0
20	QPSK	1	49	15.85	15.95	15.87		
20	QPSK	1	99	15.68	15.64	15.64		
20	QPSK	50	0	14.90	14.94	14.82	16.5	1
20	QPSK	50	24	14.89	14.91	14.77		
20	QPSK	50	50	14.86	14.86	14.79		
20	QPSK	100	0	14.81	14.83	14.76		
20	16QAM	1	0	15.29	15.30	15.24	16.5	1
20	16QAM	1	49	15.22	14.95	14.82		
20	16QAM	1	99	15.21	14.63	15.09		
20	16QAM	50	0	13.72	13.77	13.97	15.5	2
20	16QAM	50	24	13.74	13.92	13.86		
20	16QAM	50	50	13.80	13.78	13.82		
20	16QAM	100	0	13.77	13.78	13.75		
20	64QAM	1	0	14.06	13.83	13.68	15.5	2
20	64QAM	1	49	13.75	13.97	14.14		
20	64QAM	1	99	13.67	13.99	13.87		
20	64QAM	50	0	12.82	12.83	12.78	14.5	3
20	64QAM	50	24	12.75	12.83	12.71		
20	64QAM	50	50	12.81	12.82	12.75		
20	64QAM	100	0	12.73	12.80	12.71		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.64	15.74	15.71	17.5	0
15	QPSK	1	37	15.71	15.88	15.72		
15	QPSK	1	74	15.54	15.52	15.56		
15	QPSK	36	0	14.87	14.83	14.73	16.5	1
15	QPSK	36	20	14.77	14.84	14.76		
15	QPSK	36	39	14.77	14.84	14.64		
15	QPSK	75	0	14.70	14.71	14.73		
15	16QAM	1	0	15.23	15.29	15.20	16.5	1
15	16QAM	1	37	15.20	14.93	14.70		
15	16QAM	1	74	15.09	14.60	15.05		
15	16QAM	36	0	13.63	13.67	13.83	15.5	2
15	16QAM	36	20	13.70	13.80	13.82		
15	16QAM	36	39	13.78	13.76	13.67		
15	16QAM	75	0	13.72	13.71	13.72		
15	64QAM	1	0	14.04	13.76	13.60	15.5	2
15	64QAM	1	37	13.63	13.95	14.04		
15	64QAM	1	74	13.56	13.98	13.72		
15	64QAM	36	0	12.68	12.75	12.77	14.5	3
15	64QAM	36	20	12.69	12.70	12.67		
15	64QAM	36	39	12.71	12.70	12.74		
15	64QAM	75	0	12.67	12.69	12.56		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.70	15.81	15.81	17.5	0
10	QPSK	1	25	15.70	15.81	15.83		
10	QPSK	1	49	15.64	15.57	15.51		
10	QPSK	25	0	14.78	14.86	14.68	16.5	1
10	QPSK	25	12	14.86	14.77	14.70		
10	QPSK	25	25	14.83	14.84	14.71		
10	QPSK	50	0	14.80	14.75	14.65		
10	16QAM	1	0	15.25	15.25	15.22	16.5	1
10	16QAM	1	25	15.10	14.88	14.70		
10	16QAM	1	49	15.20	15.25	14.95		
10	16QAM	25	0	13.60	13.76	13.93	15.5	2
10	16QAM	25	12	13.60	13.79	13.78		
10	16QAM	25	25	13.74	13.77	13.75		
10	16QAM	50	0	13.75	13.75	13.62		
10	64QAM	1	0	13.96	13.79	13.66	15.5	2
10	64QAM	1	25	13.68	13.86	13.99		
10	64QAM	1	49	13.56	13.88	13.80		
10	64QAM	25	0	12.81	12.79	12.72	14.5	3
10	64QAM	25	12	12.73	12.70	12.64		
10	64QAM	25	25	12.66	12.73	12.62		
10	64QAM	50	0	12.62	12.70	12.63		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.71	15.76	15.74	17.5	0
5	QPSK	1	12	15.72	15.91	15.83		
5	QPSK	1	24	15.67	15.62	15.63		
5	QPSK	12	0	14.82	14.83	14.78	16.5	1
5	QPSK	12	7	14.76	14.76	14.66		
5	QPSK	12	13	14.75	14.80	14.68		
5	QPSK	25	0	14.75	14.81	14.71		
5	16QAM	1	0	15.14	15.26	15.17	16.5	1
5	16QAM	1	12	15.18	14.94	14.68		
5	16QAM	1	24	15.16	14.56	15.08		
5	16QAM	12	0	13.57	13.72	13.91	15.5	2
5	16QAM	12	7	13.65	13.81	13.84		
5	16QAM	12	13	13.70	13.75	13.69		
5	16QAM	25	0	13.74	13.65	13.74		
5	64QAM	1	0	13.97	13.76	13.61	15.5	2
5	64QAM	1	12	13.72	13.94	14.11		
5	64QAM	1	24	13.52	13.94	13.72		
5	64QAM	12	0	12.77	12.82	12.71	14.5	3
5	64QAM	12	7	12.62	12.79	12.58		
5	64QAM	12	13	12.79	12.79	12.64		
5	64QAM	25	0	12.72	12.66	12.60		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.66	15.79	15.72	17.5	0
3	QPSK	1	8	15.84	15.94	15.83		
3	QPSK	1	14	15.64	15.58	15.52		
3	QPSK	8	0	14.79	14.87	14.78	16.5	1
3	QPSK	8	4	14.79	14.80	14.73		
3	QPSK	8	7	14.82	14.77	14.75		
3	QPSK	15	0	14.70	14.68	14.73		
3	16QAM	1	0	15.18	15.22	15.09	16.5	1
3	16QAM	1	8	15.10	14.89	14.69		
3	16QAM	1	14	15.09	14.62	15.04		
3	16QAM	8	0	13.69	13.70	13.95	15.5	2
3	16QAM	8	4	13.60	13.82	13.78		
3	16QAM	8	7	13.70	13.76	13.75		
3	16QAM	15	0	13.74	13.74	13.61		
3	64QAM	1	0	13.96	13.80	13.54	15.5	2
3	64QAM	1	8	13.64	13.85	14.03		
3	64QAM	1	14	13.52	13.95	13.86		
3	64QAM	8	0	12.74	12.74	12.75	14.5	3
3	64QAM	8	4	12.73	12.76	12.69		
3	64QAM	8	7	12.67	12.77	12.73		
3	64QAM	15	0	12.58	12.66	12.70		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.59	15.66	15.78	17.5	0
1.4	QPSK	1	3	15.63	15.69	15.68		
1.4	QPSK	1	5	15.73	15.79	15.81		
1.4	QPSK	3	0	15.67	15.76	15.70		
1.4	QPSK	3	1	15.70	15.81	15.72		
1.4	QPSK	3	3	15.75	15.75	15.63		
1.4	QPSK	6	0	14.63	14.78	14.67	16.5	1
1.4	16QAM	1	0	14.85	15.07	15.17	16.5	1
1.4	16QAM	1	3	14.89	15.18	14.72		
1.4	16QAM	1	5	15.16	14.90	14.85		
1.4	16QAM	3	0	14.76	14.82	14.65		
1.4	16QAM	3	1	14.68	14.75	14.74		
1.4	16QAM	3	3	14.52	14.84	14.79		
1.4	16QAM	6	0	13.81	13.70	13.69	15.5	2
1.4	64QAM	1	0	13.69	13.76	13.98	15.5	2
1.4	64QAM	1	3	13.70	13.81	13.88		
1.4	64QAM	1	5	13.71	14.00	13.94		
1.4	64QAM	3	0	13.62	13.83	13.87		
1.4	64QAM	3	1	13.71	13.80	13.85		
1.4	64QAM	3	3	13.79	13.57	13.76		
1.4	64QAM	6	0	12.64	12.74	12.63	14.5	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	22.50	22.52	22.47	24	0
10	QPSK	1	25	22.64	22.68	22.51		
10	QPSK	1	49	22.50	22.48	22.32		
10	QPSK	25	0	21.56	21.60	21.51	23	1
10	QPSK	25	12	21.52	21.56	21.47		
10	QPSK	25	25	21.46	21.51	21.49		
10	QPSK	50	0	21.56	21.59	21.53		
10	16QAM	1	0	21.75	21.59	21.39	23	1
10	16QAM	1	25	21.82	22.12	21.36		
10	16QAM	1	49	21.97	21.83	21.30		
10	16QAM	25	0	20.54	20.55	20.54	22	2
10	16QAM	25	12	20.52	20.58	20.42		
10	16QAM	25	25	20.41	20.54	20.57		
10	16QAM	50	0	20.55	20.58	20.49		
10	64QAM	1	0	20.47	20.87	20.28	22	2
10	64QAM	1	25	20.81	20.76	20.74		
10	64QAM	1	49	20.45	20.85	20.36		
10	64QAM	25	0	19.57	19.46	19.47	21	3
10	64QAM	25	12	19.43	19.58	19.39		
10	64QAM	25	25	19.49	19.53	19.41		
10	64QAM	50	0	19.49	19.51	19.51		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.55	22.47	22.45	24	0
5	QPSK	1	12	22.61	22.64	22.53		
5	QPSK	1	24	22.40	22.53	22.36		
5	QPSK	12	0	21.61	21.54	21.58	23	1
5	QPSK	12	7	21.51	21.57	21.51		
5	QPSK	12	13	21.48	21.57	21.54		
5	QPSK	25	0	21.63	21.65	21.47		
5	16QAM	1	0	21.67	21.66	21.46	23	1
5	16QAM	1	12	21.84	22.09	21.27		
5	16QAM	1	24	21.87	21.93	21.33		
5	16QAM	12	0	20.55	20.55	20.46	22	2
5	16QAM	12	7	20.59	20.61	20.52		
5	16QAM	12	13	20.33	20.61	20.54		
5	16QAM	25	0	20.57	20.52	20.48		
5	64QAM	1	0	20.38	20.84	20.23	22	2
5	64QAM	1	12	20.72	20.69	20.73		
5	64QAM	1	24	20.44	20.95	20.46		
5	64QAM	12	0	19.67	19.37	19.40	21	3
5	64QAM	12	7	19.49	19.53	19.48		
5	64QAM	12	13	19.46	19.53	19.31		
5	64QAM	25	0	19.51	19.43	19.56		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.48	22.51	22.39	24	0
3	QPSK	1	8	22.57	22.48	22.41		
3	QPSK	1	14	22.51	22.52	22.31		
3	QPSK	8	0	21.47	21.62	21.54	23	1
3	QPSK	8	4	21.60	21.65	21.45		
3	QPSK	8	7	21.36	21.53	21.44		
3	QPSK	15	0	21.60	21.55	21.50		
3	16QAM	1	0	21.85	21.53	21.43	23	1
3	16QAM	1	8	21.84	22.13	21.29		
3	16QAM	1	14	21.91	21.89	21.40		
3	16QAM	8	0	20.59	20.49	20.57	22	2
3	16QAM	8	4	20.50	20.68	20.44		
3	16QAM	8	7	20.38	20.44	20.62		
3	16QAM	15	0	20.49	20.50	20.47		
3	64QAM	1	0	20.48	20.80	20.38	22	2
3	64QAM	1	8	20.81	20.85	20.72		
3	64QAM	1	14	20.50	20.80	20.46		
3	64QAM	8	0	19.62	19.53	19.37	21	3
3	64QAM	8	4	19.48	19.60	19.32		
3	64QAM	8	7	19.47	19.59	19.31		
3	64QAM	15	0	19.44	19.44	19.44		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.49	22.37	22.26	24	0
1.4	QPSK	1	3	22.62	22.42	22.22		
1.4	QPSK	1	5	22.46	22.56	22.34		
1.4	QPSK	3	0	22.57	22.45	22.36		
1.4	QPSK	3	1	22.63	22.55	22.34		
1.4	QPSK	3	3	22.63	22.54	22.43		
1.4	QPSK	6	0	21.57	21.55	21.34	23	1
1.4	16QAM	1	0	21.92	21.66	21.47	23	1
1.4	16QAM	1	3	22.17	21.64	21.39		
1.4	16QAM	1	5	21.81	21.66	21.56		
1.4	16QAM	3	0	21.64	21.55	21.40		
1.4	16QAM	3	1	21.64	21.40	21.20		
1.4	16QAM	3	3	21.66	21.50	21.44		
1.4	16QAM	6	0	20.83	20.74	20.41	22	2
1.4	64QAM	1	0	20.62	20.31	20.43	22	2
1.4	64QAM	1	3	20.72	20.74	20.56		
1.4	64QAM	1	5	20.72	20.28	20.36		
1.4	64QAM	3	0	20.80	20.53	20.38		
1.4	64QAM	3	1	20.62	20.51	20.54		
1.4	64QAM	3	3	20.60	20.71	20.61		
1.4	64QAM	6	0	19.51	19.42	19.27	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.14	22.08	22.14	24	0
10	QPSK	1	25	22.28	22.35	22.20		
10	QPSK	1	49	22.24	22.16	22.17		
10	QPSK	25	0	21.26	21.32	21.30	23	1
10	QPSK	25	12	21.22	21.23	21.21		
10	QPSK	25	25	21.20	21.24	21.25		
10	QPSK	50	0	21.27	21.30	21.28		
10	16QAM	1	0	21.23	21.79	21.39	23	1
10	16QAM	1	25	21.36	21.81	21.10		
10	16QAM	1	49	21.48	21.76	21.33		
10	16QAM	25	0	20.24	20.22	20.21	22	2
10	16QAM	25	12	20.25	20.17	20.14		
10	16QAM	25	25	20.13	20.24	20.19		
10	16QAM	50	0	20.14	20.24	20.23		
10	64QAM	1	0	20.15	20.24	20.37	22	2
10	64QAM	1	25	20.49	20.51	20.48		
10	64QAM	1	49	20.41	20.44	20.39		
10	64QAM	25	0	19.15	19.24	19.32	21	3
10	64QAM	25	12	19.16	19.20	19.15		
10	64QAM	25	25	19.26	19.14	19.22		
10	64QAM	50	0	19.17	19.22	19.17		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.19	22.06	22.08	24	0
5	QPSK	1	12	22.20	22.24	22.19		
5	QPSK	1	24	22.24	22.23	22.23		
5	QPSK	12	0	21.29	21.29	21.36	23	1
5	QPSK	12	7	21.24	21.19	21.18		
5	QPSK	12	13	21.27	21.29	21.24		
5	QPSK	25	0	21.26	21.37	21.37		
5	16QAM	1	0	21.19	21.88	21.36	23	1
5	16QAM	1	12	21.46	21.80	21.16		
5	16QAM	1	24	21.40	21.73	21.25		
5	16QAM	12	0	20.27	20.29	20.21	22	2
5	16QAM	12	7	20.34	20.11	20.20		
5	16QAM	12	13	20.21	20.32	20.21		
5	16QAM	25	0	20.24	20.29	20.27		
5	64QAM	1	0	20.24	20.29	20.27	22	2
5	64QAM	1	12	20.42	20.43	20.46		
5	64QAM	1	24	20.47	20.51	20.29		
5	64QAM	12	0	19.11	19.23	19.31	21	3
5	64QAM	12	7	19.09	19.15	19.17		
5	64QAM	12	13	19.32	19.10	19.29		
5	64QAM	25	0	19.10	19.15	19.24		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.19	22.07	22.23	24	0
3	QPSK	1	8	22.17	22.06	22.29		
3	QPSK	1	14	22.14	22.26	22.20		
3	QPSK	8	0	21.17	21.23	21.20	23	1
3	QPSK	8	4	21.29	21.21	21.16		
3	QPSK	8	7	21.11	21.15	21.26		
3	QPSK	15	0	21.31	21.22	21.25		
3	16QAM	1	0	21.14	21.72	21.36	23	1
3	16QAM	1	8	21.42	21.77	21.15		
3	16QAM	1	14	21.45	21.67	21.25		
3	16QAM	8	0	20.18	20.15	20.26	22	2
3	16QAM	8	4	20.24	20.20	20.14		
3	16QAM	8	7	20.13	20.15	20.27		
3	16QAM	15	0	20.11	20.32	20.23		
3	64QAM	1	0	20.17	20.30	20.42	22	2
3	64QAM	1	8	20.43	20.59	20.46		
3	64QAM	1	14	20.37	20.46	20.41		
3	64QAM	8	0	19.18	19.13	19.41	21	3
3	64QAM	8	4	19.08	19.28	19.13		
3	64QAM	8	7	19.32	19.08	19.28		
3	64QAM	15	0	19.14	19.29	19.20		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.09	22.08	22.11	24	0
1.4	QPSK	1	3	22.35	22.12	22.08		
1.4	QPSK	1	5	22.11	22.26	22.34		
1.4	QPSK	3	0	22.26	22.23	22.24		
1.4	QPSK	3	1	22.17	22.20	22.23		
1.4	QPSK	3	3	22.14	22.27	22.31		
1.4	QPSK	6	0	21.26	21.16	21.21	23	1
1.4	16QAM	1	0	21.43	21.55	21.60	23	1
1.4	16QAM	1	3	21.40	21.71	21.18		
1.4	16QAM	1	5	21.82	21.78	21.64		
1.4	16QAM	3	0	21.22	21.06	21.27		
1.4	16QAM	3	1	21.10	21.15	21.20		
1.4	16QAM	3	3	21.25	21.27	21.13		
1.4	16QAM	6	0	20.27	20.35	20.29	22	2
1.4	64QAM	1	0	20.48	20.35	20.50	22	2
1.4	64QAM	1	3	20.47	20.52	20.15		
1.4	64QAM	1	5	20.21	20.23	20.25		
1.4	64QAM	3	0	20.40	20.29	20.37		
1.4	64QAM	3	1	20.38	20.01	20.45		
1.4	64QAM	3	3	20.32	20.19	20.51		
1.4	64QAM	6	0	19.29	19.13	19.16	21	3

Band 7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.78	18.95	18.77	20.5	0
20	QPSK	1	49	18.95	19.07	19.06		
20	QPSK	1	99	18.90	18.88	19.00		
20	QPSK	50	0	18.04	18.11	18.02	19.5	1
20	QPSK	50	24	17.93	17.92	17.91		
20	QPSK	50	50	17.84	18.05	18.01		
20	QPSK	100	0	17.76	17.93	17.89		
20	16QAM	1	0	18.22	18.24	17.66	19.5	1
20	16QAM	1	49	17.93	18.26	18.07		
20	16QAM	1	99	18.31	18.13	18.25		
20	16QAM	50	0	16.85	16.99	16.93	18.5	2
20	16QAM	50	24	16.83	16.96	16.99		
20	16QAM	50	50	16.77	16.95	17.02		
20	16QAM	100	0	16.80	17.02	16.80		
20	64QAM	1	0	16.91	16.69	16.75	18.5	2
20	64QAM	1	49	17.14	17.25	17.06		
20	64QAM	1	99	17.05	16.94	17.00		
20	64QAM	50	0	15.72	15.90	15.89	17.5	3
20	64QAM	50	24	15.94	15.87	15.90		
20	64QAM	50	50	15.79	15.87	15.93		
20	64QAM	100	0	15.81	15.85	15.80		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.69	18.83	18.62	20.5	0
15	QPSK	1	37	18.86	19.03	18.95		
15	QPSK	1	74	18.86	18.77	18.90		
15	QPSK	36	0	17.98	18.10	17.97	19.5	1
15	QPSK	36	20	17.85	17.87	17.83		
15	QPSK	36	39	17.73	18.01	17.99		
15	QPSK	75	0	17.62	17.88	17.84		
15	16QAM	1	0	18.12	18.13	17.58	19.5	1
15	16QAM	1	37	17.83	18.18	17.99		
15	16QAM	1	74	18.24	18.03	18.22		
15	16QAM	36	0	16.82	16.91	16.90	18.5	2
15	16QAM	36	20	16.69	16.95	16.85		
15	16QAM	36	39	16.63	16.94	16.93		
15	16QAM	75	0	16.76	16.99	16.66		
15	64QAM	1	0	16.89	16.68	16.68	18.5	2
15	64QAM	1	37	17.08	17.23	17.00		
15	64QAM	1	74	16.92	16.89	16.98		
15	64QAM	36	0	15.70	15.80	15.85	17.5	3
15	64QAM	36	20	15.81	15.86	15.82		
15	64QAM	36	39	15.68	15.73	15.91		
15	64QAM	75	0	15.73	15.80	15.67		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.76	18.82	18.63	20.5	0
10	QPSK	1	25	18.89	19.02	19.01		
10	QPSK	1	49	18.86	18.87	18.92		
10	QPSK	25	0	18.01	17.99	17.89	19.5	1
10	QPSK	25	12	17.84	17.78	17.80		
10	QPSK	25	25	17.74	18.00	17.98		
10	QPSK	50	0	17.75	17.82	17.85		
10	16QAM	1	0	18.18	18.20	17.60	19.5	1
10	16QAM	1	25	17.87	18.16	17.95		
10	16QAM	1	49	18.20	17.99	18.16		
10	16QAM	25	0	16.82	16.90	16.82	18.5	2
10	16QAM	25	12	16.73	16.82	16.88		
10	16QAM	25	25	16.67	16.82	16.94		
10	16QAM	50	0	16.67	16.99	16.77		
10	64QAM	1	0	16.81	16.58	16.61	18.5	2
10	64QAM	1	25	17.05	17.16	16.91		
10	64QAM	1	49	17.02	16.84	16.88		
10	64QAM	25	0	15.62	15.89	15.77	17.5	3
10	64QAM	25	12	15.79	15.77	15.77		
10	64QAM	25	25	15.72	15.75	15.88		
10	64QAM	50	0	15.73	15.73	15.69		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.65	18.87	18.62	20.5	0
5	QPSK	1	12	18.81	19.04	18.91		
5	QPSK	1	24	18.83	18.87	18.93		
5	QPSK	12	0	17.90	18.06	17.91	19.5	1
5	QPSK	12	7	17.80	17.86	17.83		
5	QPSK	12	13	17.76	17.91	17.92		
5	QPSK	25	0	17.73	17.81	17.75		
5	16QAM	1	0	18.17	18.14	17.60	19.5	1
5	16QAM	1	12	17.89	18.17	17.95		
5	16QAM	1	24	18.18	18.09	18.12		
5	16QAM	12	0	16.71	16.84	16.88	18.5	2
5	16QAM	12	7	16.68	16.81	16.88		
5	16QAM	12	13	16.67	16.82	17.01		
5	16QAM	25	0	16.71	16.97	16.71		
5	64QAM	1	0	16.85	16.64	16.67	18.5	2
5	64QAM	1	12	17.08	17.15	16.99		
5	64QAM	1	24	17.01	16.84	16.95		
5	64QAM	12	0	15.57	15.76	15.85	17.5	3
5	64QAM	12	7	15.80	15.75	15.78		
5	64QAM	12	13	15.69	15.85	15.81		
5	64QAM	25	0	15.71	15.78	15.75		

Band 7(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.30	19.22	19.20	20.5	0
20	QPSK	1	49	19.35	19.49	19.45		
20	QPSK	1	99	19.28	19.36	19.29		
20	QPSK	50	0	18.40	18.47	18.43	19.5	1
20	QPSK	50	24	18.24	18.24	18.36		
20	QPSK	50	50	18.25	18.13	18.20		
20	QPSK	100	0	18.22	18.23	18.21		
20	16QAM	1	0	18.73	18.67	18.67	19.5	1
20	16QAM	1	49	18.36	18.46	18.40		
20	16QAM	1	99	18.63	18.67	18.68		
20	16QAM	50	0	17.24	17.23	17.17	18.5	2
20	16QAM	50	24	17.17	17.31	17.24		
20	16QAM	50	50	17.18	17.26	17.24		
20	16QAM	100	0	17.25	17.25	17.27		
20	64QAM	1	0	17.26	17.23	17.35	18.5	2
20	64QAM	1	49	17.57	17.49	17.51		
20	64QAM	1	99	17.54	17.47	17.54		
20	64QAM	50	0	16.17	16.18	16.16	17.5	3
20	64QAM	50	24	16.20	16.22	16.22		
20	64QAM	50	50	16.23	16.15	16.20		
20	64QAM	100	0	16.08	16.19	16.17		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.20	19.15	19.12	20.5	0
15	QPSK	1	37	19.34	19.37	19.34		
15	QPSK	1	74	19.34	19.26	19.30		
15	QPSK	36	0	18.33	18.39	18.35	19.5	1
15	QPSK	36	20	18.13	18.15	18.13		
15	QPSK	36	39	18.09	18.12	17.99		
15	QPSK	75	0	18.12	18.19	18.18		
15	16QAM	1	0	18.54	18.63	18.62	19.5	1
15	16QAM	1	37	18.32	18.44	18.35		
15	16QAM	1	74	18.64	18.56	18.57		
15	16QAM	36	0	17.10	17.12	17.22	18.5	2
15	16QAM	36	20	17.21	17.28	17.21		
15	16QAM	36	39	17.22	17.11	17.14		
15	16QAM	75	0	17.14	17.20	17.17		
15	64QAM	1	0	17.17	17.16	17.17	18.5	2
15	64QAM	1	37	17.39	17.39	17.45		
15	64QAM	1	74	17.39	17.37	17.36		
15	64QAM	36	0	16.08	16.14	16.05	17.5	3
15	64QAM	36	20	16.17	16.13	16.08		
15	64QAM	36	39	16.11	16.07	16.10		
15	64QAM	75	0	16.14	16.10	16.09		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.13	19.15	19.08	20.5	0
10	QPSK	1	25	19.41	19.34	19.45		
10	QPSK	1	49	19.35	19.28	19.28		
10	QPSK	25	0	18.38	18.39	18.44	19.5	1
10	QPSK	25	12	18.20	18.19	18.11		
10	QPSK	25	25	18.10	17.98	17.98		
10	QPSK	50	0	18.17	18.12	18.13		
10	16QAM	1	0	18.60	18.64	18.65	19.5	1
10	16QAM	1	25	18.34	18.43	18.39		
10	16QAM	1	49	18.53	18.52	18.55		
10	16QAM	25	0	17.08	17.15	17.16	18.5	2
10	16QAM	25	12	17.20	17.28	17.26		
10	16QAM	25	25	17.20	17.21	17.22		
10	16QAM	50	0	17.24	17.14	17.13		
10	64QAM	1	0	17.16	17.20	17.19	18.5	2
10	64QAM	1	25	17.47	17.34	17.47		
10	64QAM	1	49	17.39	17.46	17.32		
10	64QAM	25	0	16.04	16.12	16.07	17.5	3
10	64QAM	25	12	16.13	16.10	16.13		
10	64QAM	25	25	16.03	16.09	16.08		
10	64QAM	50	0	16.04	16.07	16.04		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.08	19.20	19.20	20.5	0
5	QPSK	1	12	19.36	19.42	19.39		
5	QPSK	1	24	19.24	19.25	19.27		
5	QPSK	12	0	18.43	18.34	18.40	19.5	1
5	QPSK	12	7	18.17	18.19	18.20		
5	QPSK	12	13	18.03	18.09	18.08		
5	QPSK	25	0	18.16	18.22	18.15		
5	16QAM	1	0	18.59	18.64	18.59	19.5	1
5	16QAM	1	12	18.33	18.41	18.39		
5	16QAM	1	24	18.61	18.56	18.65		
5	16QAM	12	0	17.15	17.09	17.13	18.5	2
5	16QAM	12	7	17.29	17.19	17.18		
5	16QAM	12	13	17.24	17.19	17.12		
5	16QAM	25	0	17.17	17.24	17.12		
5	64QAM	1	0	17.11	17.13	17.19	18.5	2
5	64QAM	1	12	17.37	17.43	17.44		
5	64QAM	1	24	17.41	17.39	17.40		
5	64QAM	12	0	16.11	16.07	16.12	17.5	3
5	64QAM	12	7	16.15	16.08	16.20		
5	64QAM	12	13	16.09	16.04	16.14		
5	64QAM	25	0	16.10	16.16	16.09		

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	22.13	22.16	22.21	24	0
10	QPSK	1	25	22.23	22.30	22.26		
10	QPSK	1	49	22.17	22.24	22.23		
10	QPSK	25	0	21.26	21.27	21.26	23	1
10	QPSK	25	12	21.25	21.19	21.21		
10	QPSK	25	25	21.24	21.22	21.15		
10	QPSK	50	0	21.22	21.24	21.16		
10	16QAM	1	0	21.40	21.01	21.14	23	1
10	16QAM	1	25	21.52	21.43	21.56		
10	16QAM	1	49	21.41	21.58	21.77		
10	16QAM	25	0	20.19	20.19	20.17	22	2
10	16QAM	25	12	20.28	20.25	20.28		
10	16QAM	25	25	20.38	20.21	20.14		
10	16QAM	50	0	20.20	20.19	20.14		
10	64QAM	1	0	20.22	20.39	20.49	22	2
10	64QAM	1	25	20.33	20.19	20.26		
10	64QAM	1	49	20.47	20.43	20.40		
10	64QAM	25	0	19.16	19.13	19.18	21	3
10	64QAM	25	12	19.13	19.16	19.29		
10	64QAM	25	25	19.28	19.21	19.26		
10	64QAM	50	0	19.11	19.16	19.14		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.17	22.17	22.25	24	0
5	QPSK	1	12	22.22	22.10	22.19		
5	QPSK	1	24	22.12	22.19	22.28		
5	QPSK	12	0	21.32	21.36	21.20	23	1
5	QPSK	12	7	21.20	21.29	21.11		
5	QPSK	12	13	21.19	21.19	21.26		
5	QPSK	25	0	21.23	21.18	21.11		
5	16QAM	1	0	21.34	21.03	21.21	23	1
5	16QAM	1	12	21.46	21.46	21.63		
5	16QAM	1	24	21.44	21.57	21.78		
5	16QAM	12	0	20.26	20.12	20.18	22	2
5	16QAM	12	7	20.18	20.33	20.37		
5	16QAM	12	13	20.30	20.25	20.08		
5	16QAM	25	0	20.21	20.18	20.08		
5	64QAM	1	0	20.15	20.34	20.50	22	2
5	64QAM	1	12	20.31	20.29	20.32		
5	64QAM	1	24	20.39	20.42	20.44		
5	64QAM	12	0	19.07	19.11	19.15	21	3
5	64QAM	12	7	19.15	19.18	19.22		
5	64QAM	12	13	19.35	19.24	19.34		
5	64QAM	25	0	19.06	19.19	19.20		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.13	22.26	22.25	24	0
3	QPSK	1	8	22.21	22.24	22.16		
3	QPSK	1	14	22.11	22.28	22.18		
3	QPSK	8	0	21.25	21.33	21.27	23	1
3	QPSK	8	4	21.16	21.24	21.13		
3	QPSK	8	7	21.30	21.24	21.25		
3	QPSK	15	0	21.24	21.33	21.20		
3	16QAM	1	0	21.37	21.09	21.09	23	1
3	16QAM	1	8	21.55	21.50	21.50		
3	16QAM	1	14	21.44	21.67	21.84		
3	16QAM	8	0	20.11	20.18	20.26	22	2
3	16QAM	8	4	20.31	20.16	20.19		
3	16QAM	8	7	20.34	20.11	20.21		
3	16QAM	15	0	20.21	20.27	20.07		
3	64QAM	1	0	20.24	20.42	20.48	22	2
3	64QAM	1	8	20.35	20.20	20.36		
3	64QAM	1	14	20.38	20.39	20.30		
3	64QAM	8	0	19.14	19.10	19.27	21	3
3	64QAM	8	4	19.22	19.23	19.29		
3	64QAM	8	7	19.22	19.18	19.31		
3	64QAM	15	0	19.09	19.11	19.06		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.26	22.21	22.25	24	0
1.4	QPSK	1	3	22.13	22.27	22.08		
1.4	QPSK	1	5	22.19	22.10	22.26		
1.4	QPSK	3	0	22.17	22.23	22.18		
1.4	QPSK	3	1	22.27	22.27	22.20		
1.4	QPSK	3	3	22.16	22.20	22.25		
1.4	QPSK	6	0	21.25	21.17	21.24	23	1
1.4	16QAM	1	0	21.83	21.70	21.44	23	1
1.4	16QAM	1	3	21.20	21.09	21.87		
1.4	16QAM	1	5	21.87	21.71	21.70		
1.4	16QAM	3	0	21.03	21.09	21.30		
1.4	16QAM	3	1	21.15	21.18	21.08		
1.4	16QAM	3	3	21.29	21.04	21.11		
1.4	16QAM	6	0	20.24	20.21	20.17	22	2
1.4	64QAM	1	0	20.02	20.53	20.50	22	2
1.4	64QAM	1	3	20.65	20.36	20.31		
1.4	64QAM	1	5	20.15	20.42	20.19		
1.4	64QAM	3	0	20.38	20.32	20.19		
1.4	64QAM	3	1	20.18	20.37	20.34		
1.4	64QAM	3	3	20.32	20.26	20.30		
1.4	64QAM	6	0	19.17	19.12	19.17	21	3

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.39		24	0
10	QPSK	1	25		22.63			
10	QPSK	1	49		22.51			
10	QPSK	25	0		21.55		23	1
10	QPSK	25	12		21.46			
10	QPSK	25	25		21.50			
10	QPSK	50	0		21.54			
10	16QAM	1	0		21.32		23	1
10	16QAM	1	25		22.05			
10	16QAM	1	49		21.66			
10	16QAM	25	0		20.47		22	2
10	16QAM	25	12		20.56			
10	16QAM	25	25		20.53			
10	16QAM	50	0		20.51			
10	64QAM	1	0		20.57		22	2
10	64QAM	1	25		20.85			
10	64QAM	1	49		20.54			
10	64QAM	25	0		19.48		21	3
10	64QAM	25	12		19.55			
10	64QAM	25	25		19.47			
10	64QAM	50	0		19.49			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.39	22.56	22.61	24	0
5	QPSK	1	12	22.49	22.44	22.51		
5	QPSK	1	24	22.54	22.60	22.53		
5	QPSK	12	0	21.44	21.44	21.49	23	1
5	QPSK	12	7	21.45	21.47	21.49		
5	QPSK	12	13	21.41	21.43	21.44		
5	QPSK	25	0	21.45	21.47	21.49		
5	16QAM	1	0	22.03	21.46	21.43	23	1
5	16QAM	1	12	21.95	21.87	21.46		
5	16QAM	1	24	21.52	21.96	21.79		
5	16QAM	12	0	20.39	20.35	20.43	22	2
5	16QAM	12	7	20.28	20.45	20.36		
5	16QAM	12	13	20.41	20.32	20.42		
5	16QAM	25	0	20.38	20.53	20.48		
5	64QAM	1	0	20.42	20.42	20.88	22	2
5	64QAM	1	12	20.70	20.50	20.76		
5	64QAM	1	24	20.76	20.61	20.51		
5	64QAM	12	0	19.45	19.45	19.34	21	3
5	64QAM	12	7	19.42	19.42	19.49		
5	64QAM	12	13	19.34	19.35	19.47		
5	64QAM	25	0	19.43	19.47	19.37		

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	22.09	22.05	22.07	24	0
10	QPSK	1	25	22.12	22.23	22.22		
10	QPSK	1	49	22.11	22.15	22.01		
10	QPSK	25	0	21.07	21.11	21.06	23	1
10	QPSK	25	12	21.05	21.00	21.02		
10	QPSK	25	25	21.05	21.04	21.05		
10	QPSK	50	0	21.04	21.09	21.06		
10	16QAM	1	0	21.65	21.21	21.37	23	1
10	16QAM	1	25	21.70	21.17	21.42		
10	16QAM	1	49	21.09	21.39	21.34		
10	16QAM	25	0	20.04	20.01	20.03	22	2
10	16QAM	25	12	20.07	20.05	20.08		
10	16QAM	25	25	20.03	20.03	20.12		
10	16QAM	50	0	20.04	20.02	20.08		
10	64QAM	1	0	20.10	20.39	20.16	22	2
10	64QAM	1	25	20.13	20.18	20.38		
10	64QAM	1	49	20.36	20.45	20.18		
10	64QAM	25	0	19.15	19.11	19.12	21	3
10	64QAM	25	12	19.18	19.13	19.13		
10	64QAM	25	25	19.10	19.09	19.11		
10	64QAM	50	0	19.14	19.16	19.17		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.00	22.05	22.09	24	0
5	QPSK	1	12	22.06	22.09	22.15		
5	QPSK	1	24	22.12	22.14	22.09		
5	QPSK	12	0	21.05	21.05	21.11	23	1
5	QPSK	12	7	21.15	21.01	21.01		
5	QPSK	12	13	21.13	21.08	21.12		
5	QPSK	25	0	21.06	21.00	21.13		
5	16QAM	1	0	21.65	21.12	21.38	23	1
5	16QAM	1	12	21.61	21.23	21.38		
5	16QAM	1	24	21.11	21.30	21.25		
5	16QAM	12	0	20.03	20.00	20.07	22	2
5	16QAM	12	7	20.12	20.09	20.15		
5	16QAM	12	13	20.02	20.11	20.06		
5	16QAM	25	0	20.04	20.09	20.06		
5	64QAM	1	0	20.06	20.29	20.26	22	2
5	64QAM	1	12	20.18	20.24	20.39		
5	64QAM	1	24	20.31	20.47	20.28		
5	64QAM	12	0	19.25	19.11	19.03	21	3
5	64QAM	12	7	19.18	19.16	19.12		
5	64QAM	12	13	19.18	19.13	19.18		
5	64QAM	25	0	19.10	19.22	19.25		

Band 25_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.01	18.97	18.97	20.5	0
20	QPSK	1	49	19.17	19.20	19.16		
20	QPSK	1	99	19.03	19.01	18.97		
20	QPSK	50	0	18.16	18.17	18.14	19.5	1
20	QPSK	50	24	18.14	18.07	18.07		
20	QPSK	50	50	17.99	18.10	17.91		
20	QPSK	100	0	18.04	18.07	18.02		
20	16QAM	1	0	18.18	18.53	18.11	19.5	1
20	16QAM	1	49	18.51	18.67	18.39		
20	16QAM	1	99	18.48	18.39	17.94		
20	16QAM	50	0	17.01	17.26	17.04	18.5	2
20	16QAM	50	24	17.09	17.10	17.25		
20	16QAM	50	50	17.13	17.02	16.94		
20	16QAM	100	0	17.06	16.98	17.03		
20	64QAM	1	0	17.13	16.97	17.38	18.5	2
20	64QAM	1	49	17.22	16.97	16.86		
20	64QAM	1	99	17.23	17.15	17.04		
20	64QAM	50	0	15.93	16.21	15.98	17.5	3
20	64QAM	50	24	16.03	16.07	16.10		
20	64QAM	50	50	16.11	16.04	15.79		
20	64QAM	100	0	15.98	15.91	15.90		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.91	18.83	18.93	20.5	0
15	QPSK	1	37	19.13	19.07	19.05		
15	QPSK	1	74	18.91	18.99	18.90		
15	QPSK	36	0	18.15	18.16	18.03	19.5	1
15	QPSK	36	20	18.03	17.93	17.99		
15	QPSK	36	39	17.90	18.02	17.78		
15	QPSK	75	0	17.94	17.95	17.99		
15	16QAM	1	0	18.08	18.49	18.01	19.5	1
15	16QAM	1	37	18.40	18.54	18.24		
15	16QAM	1	74	18.39	18.34	17.90		
15	16QAM	36	0	16.88	17.12	17.03	18.5	2
15	16QAM	36	20	17.03	17.01	17.19		
15	16QAM	36	39	17.09	16.93	16.85		
15	16QAM	75	0	17.00	16.84	16.89		
15	64QAM	1	0	17.00	16.81	17.36	18.5	2
15	64QAM	1	37	17.17	16.90	16.77		
15	64QAM	1	74	17.11	17.14	16.98		
15	64QAM	36	0	15.83	16.11	15.94	17.5	3
15	64QAM	36	20	15.94	15.99	16.05		
15	64QAM	36	39	15.97	15.95	15.71		
15	64QAM	75	0	15.92	15.79	15.83		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.96	18.91	18.83	20.5	0
10	QPSK	1	25	19.06	19.18	19.14		
10	QPSK	1	49	18.89	18.95	18.96		
10	QPSK	25	0	18.11	18.15	18.01	19.5	1
10	QPSK	25	12	18.05	18.00	17.98		
10	QPSK	25	25	17.86	17.97	17.77		
10	QPSK	50	0	17.91	18.03	17.91		
10	16QAM	1	0	18.15	18.50	18.05	19.5	1
10	16QAM	1	25	18.50	18.55	18.26		
10	16QAM	1	49	18.33	18.37	17.90		
10	16QAM	25	0	16.91	17.23	17.00	18.5	2
10	16QAM	25	12	16.94	17.09	17.16		
10	16QAM	25	25	17.08	17.00	16.84		
10	16QAM	50	0	16.91	16.84	16.91		
10	64QAM	1	0	17.00	16.93	17.34	18.5	2
10	64QAM	1	25	17.17	16.94	16.84		
10	64QAM	1	49	17.16	17.06	16.96		
10	64QAM	25	0	15.92	16.19	15.95	17.5	3
10	64QAM	25	12	15.90	15.98	16.01		
10	64QAM	25	25	16.02	16.02	15.76		
10	64QAM	50	0	15.84	15.79	15.76		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.92	18.86	18.84	20.5	0
5	QPSK	1	12	19.16	19.18	19.01		
5	QPSK	1	24	18.91	18.93	18.90		
5	QPSK	12	0	18.13	18.06	18.04	19.5	1
5	QPSK	12	7	18.05	18.06	17.92		
5	QPSK	12	13	17.89	18.05	17.87		
5	QPSK	25	0	17.92	17.98	17.87		
5	16QAM	1	0	18.03	18.46	18.05	19.5	1
5	16QAM	1	12	18.36	18.65	18.38		
5	16QAM	1	24	18.36	18.36	17.84		
5	16QAM	12	0	16.91	17.15	16.93	18.5	2
5	16QAM	12	7	17.07	17.08	17.19		
5	16QAM	12	13	17.04	17.00	16.82		
5	16QAM	25	0	16.92	16.85	16.94		
5	64QAM	1	0	17.10	16.93	17.37	18.5	2
5	64QAM	1	12	17.19	16.84	16.71		
5	64QAM	1	24	17.13	17.00	16.93		
5	64QAM	12	0	15.81	16.15	15.91	17.5	3
5	64QAM	12	7	15.99	15.99	15.96		
5	64QAM	12	13	16.09	15.89	15.67		
5	64QAM	25	0	15.90	15.90	15.88		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.89	18.90	18.92	20.5	0
3	QPSK	1	8	19.07	19.16	19.07		
3	QPSK	1	14	18.97	18.96	18.92		
3	QPSK	8	0	18.11	18.10	17.99	19.5	1
3	QPSK	8	4	18.12	17.93	17.92		
3	QPSK	8	7	17.88	18.07	17.80		
3	QPSK	15	0	17.91	17.98	18.00		
3	16QAM	1	0	18.06	18.41	18.03	19.5	1
3	16QAM	1	8	18.40	18.61	18.33		
3	16QAM	1	14	18.43	18.32	17.84		
3	16QAM	8	0	17.00	17.16	16.98	18.5	2
3	16QAM	8	4	17.07	17.05	17.23		
3	16QAM	8	7	17.10	16.96	16.92		
3	16QAM	15	0	16.95	16.94	16.89		
3	64QAM	1	0	17.04	16.85	17.33	18.5	2
3	64QAM	1	8	17.11	16.82	16.77		
3	64QAM	1	14	17.15	17.11	16.93		
3	64QAM	8	0	15.90	16.09	15.87	17.5	3
3	64QAM	8	4	15.90	16.01	16.06		
3	64QAM	8	7	15.99	16.01	15.66		
3	64QAM	15	0	15.95	15.79	15.81		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.98	19.02	19.02	20.5	0
1.4	QPSK	1	3	19.05	19.06	18.96		
1.4	QPSK	1	5	18.97	19.10	19.14		
1.4	QPSK	3	0	18.96	19.00	19.14		
1.4	QPSK	3	1	19.00	19.08	19.06		
1.4	QPSK	3	3	19.01	19.09	19.09		
1.4	QPSK	6	0	17.90	18.07	18.02	19.5	1
1.4	16QAM	1	0	18.50	18.21	18.36	19.5	1
1.4	16QAM	1	3	18.00	18.13	18.42		
1.4	16QAM	1	5	18.20	18.61	17.96		
1.4	16QAM	3	0	17.99	18.13	17.94		
1.4	16QAM	3	1	18.06	18.04	18.11		
1.4	16QAM	3	3	18.03	18.06	18.07		
1.4	16QAM	6	0	17.00	17.23	16.98	18.5	2
1.4	64QAM	1	0	17.21	16.87	17.10	18.5	2
1.4	64QAM	1	3	17.14	17.11	17.05		
1.4	64QAM	1	5	17.18	17.19	17.13		
1.4	64QAM	3	0	17.18	17.01	17.07		
1.4	64QAM	3	1	17.22	17.05	17.10		
1.4	64QAM	3	3	17.01	16.81	17.20		
1.4	64QAM	6	0	15.88	15.96	16.00	17.5	3

Band 26(FCC)_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	22.50	22.61	22.35	24	0
15	QPSK	1	37	22.51	22.74	22.45		
15	QPSK	1	74	22.43	22.62	22.39		
15	QPSK	36	0	21.04	21.64	21.49	23	1
15	QPSK	36	20	21.51	21.62	21.39		
15	QPSK	36	39	21.49	21.63	21.42		
15	QPSK	75	0	21.58	21.62	21.45		
15	16QAM	1	0	21.58	21.55	22.00	23	1
15	16QAM	1	37	22.09	21.72	21.56		
15	16QAM	1	74	21.44	22.11	21.82		
15	16QAM	36	0	20.60	20.58	20.49	22	2
15	16QAM	36	20	20.56	20.51	20.47		
15	16QAM	36	39	20.58	20.66	20.39		
15	16QAM	75	0	20.55	20.66	20.40		
15	64QAM	1	0	20.26	20.93	20.46	22	2
15	64QAM	1	37	20.89	20.57	20.68		
15	64QAM	1	74	20.48	20.87	20.63		
15	64QAM	36	0	19.51	19.64	19.54	21	3
15	64QAM	36	20	19.56	19.64	19.37		
15	64QAM	36	39	19.45	19.58	19.43		
15	64QAM	75	0	19.51	19.51	19.46		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.47	22.65	22.38	24	0
10	QPSK	1	25	22.57	22.62	22.39		
10	QPSK	1	49	22.51	22.68	22.33		
10	QPSK	25	0	21.55	21.65	21.52	23	1
10	QPSK	25	12	21.48	21.70	21.34		
10	QPSK	25	25	21.54	21.55	21.46		
10	QPSK	50	0	21.52	21.59	21.38		
10	16QAM	1	0	21.52	21.50	22.02	23	1
10	16QAM	1	25	22.14	21.74	21.59		
10	16QAM	1	49	21.46	22.04	21.81		
10	16QAM	25	0	20.51	20.55	20.52	22	2
10	16QAM	25	12	20.61	20.59	20.56		
10	16QAM	25	25	20.61	20.76	20.47		
10	16QAM	50	0	20.52	20.61	20.35		
10	64QAM	1	0	20.21	20.84	20.55	22	2
10	64QAM	1	25	20.89	20.65	20.60		
10	64QAM	1	49	20.41	20.97	20.73		
10	64QAM	25	0	19.61	19.63	19.45	21	3
10	64QAM	25	12	19.48	19.74	19.38		
10	64QAM	25	25	19.49	19.61	19.45		
10	64QAM	50	0	19.52	19.46	19.51		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.52	22.55	22.40	24	0
5	QPSK	1	12	22.48	22.63	22.40		
5	QPSK	1	24	22.35	22.55	22.47		
5	QPSK	12	0	21.62	21.67	21.57	23	1
5	QPSK	12	7	21.61	21.62	21.34		
5	QPSK	12	13	21.58	21.64	21.32		
5	QPSK	25	0	21.67	21.65	21.45		
5	16QAM	1	0	21.64	21.49	22.09	23	1
5	16QAM	1	12	22.03	21.64	21.64		
5	16QAM	1	24	21.38	22.15	21.81		
5	16QAM	12	0	20.61	20.56	20.56	22	2
5	16QAM	12	7	20.66	20.57	20.39		
5	16QAM	12	13	20.56	20.71	20.33		
5	16QAM	25	0	20.54	20.76	20.44		
5	64QAM	1	0	20.36	20.83	20.41	22	2
5	64QAM	1	12	20.88	20.62	20.72		
5	64QAM	1	24	20.56	20.83	20.59		
5	64QAM	12	0	19.59	19.63	19.49	21	3
5	64QAM	12	7	19.60	19.62	19.46		
5	64QAM	12	13	19.43	19.57	19.52		
5	64QAM	25	0	19.48	19.57	19.44		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.55	22.71	22.30	24	0
3	QPSK	1	8	22.42	22.70	22.49		
3	QPSK	1	14	22.37	22.69	22.47		
3	QPSK	8	0	21.52	21.74	21.52	23	1
3	QPSK	8	4	21.56	21.72	21.32		
3	QPSK	8	7	21.49	21.72	21.34		
3	QPSK	15	0	21.60	21.69	21.35		
3	16QAM	1	0	21.60	21.46	22.09	23	1
3	16QAM	1	8	22.07	21.76	21.61		
3	16QAM	1	14	21.45	22.13	21.72		
3	16QAM	8	0	20.67	20.64	20.39	22	2
3	16QAM	8	4	20.53	20.45	20.38		
3	16QAM	8	7	20.67	20.61	20.35		
3	16QAM	15	0	20.45	20.61	20.36		
3	64QAM	1	0	20.35	20.92	20.54	22	2
3	64QAM	1	8	20.82	20.58	20.70		
3	64QAM	1	14	20.46	20.90	20.53		
3	64QAM	8	0	19.49	19.59	19.49	21	3
3	64QAM	8	4	19.64	19.54	19.39		
3	64QAM	8	7	19.51	19.66	19.43		
3	64QAM	15	0	19.56	19.56	19.55		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.49	22.53	22.18	24	0
1.4	QPSK	1	3	22.65	22.47	22.45		
1.4	QPSK	1	5	22.68	22.42	22.36		
1.4	QPSK	3	0	22.60	22.55	22.46		
1.4	QPSK	3	1	22.67	22.51	22.28		
1.4	QPSK	3	3	22.65	22.43	22.33		
1.4	QPSK	6	0	21.65	21.52	21.30	23	1
1.4	16QAM	1	0	21.56	22.09	21.54	23	1
1.4	16QAM	1	3	21.87	21.74	21.25		
1.4	16QAM	1	5	21.92	22.03	21.64		
1.4	16QAM	3	0	21.68	21.57	21.41		
1.4	16QAM	3	1	21.65	21.54	21.39		
1.4	16QAM	3	3	21.72	21.45	21.38		
1.4	16QAM	6	0	20.70	20.49	20.49	22	2
1.4	64QAM	1	0	20.79	20.75	20.35	22	2
1.4	64QAM	1	3	20.66	20.24	20.62		
1.4	64QAM	1	5	20.68	20.84	20.66		
1.4	64QAM	3	0	20.66	20.69	20.50		
1.4	64QAM	3	1	20.86	20.73	20.52		
1.4	64QAM	3	3	20.69	20.70	20.42		
1.4	64QAM	6	0	19.63	19.61	19.33	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	19.45	19.28	19.33	21	0
20	QPSK	1	49	19.56	19.72	19.62		
20	QPSK	1	99	19.32	19.32	19.39		
20	QPSK	50	0	18.52	18.62	18.51	20	1
20	QPSK	50	24	18.48	18.46	18.49		
20	QPSK	50	50	18.52	18.39	18.38		
20	QPSK	100	0	18.45	18.46	18.33		
20	16QAM	1	0	18.90	18.83	19.01	20	1
20	16QAM	1	49	18.91	18.45	18.45		
20	16QAM	1	99	18.40	18.45	18.78		
20	16QAM	50	0	17.53	17.44	17.43	19	2
20	16QAM	50	24	17.49	17.39	17.53		
20	16QAM	50	50	17.32	17.41	17.28		
20	16QAM	100	0	17.51	17.35	17.35		
20	64QAM	1	0	17.60	17.63	17.44	19	2
20	64QAM	1	49	17.60	17.72	17.69		
20	64QAM	1	99	17.63	17.38	17.46		
20	64QAM	50	0	16.35	16.52	16.45	18	3
20	64QAM	50	24	16.37	16.53	16.54		
20	64QAM	50	50	16.46	16.39	16.31		
20	64QAM	100	0	16.35	16.27	16.29		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.42	19.22	19.28	21	0
15	QPSK	1	37	19.52	19.65	19.47		
15	QPSK	1	74	19.23	19.17	19.37		
15	QPSK	36	0	18.58	18.38	18.42	20	1
15	QPSK	36	20	18.45	18.31	18.44		
15	QPSK	36	39	18.42	18.24	18.33		
15	QPSK	75	0	18.39	18.42	18.22		
15	16QAM	1	0	18.85	18.78	18.91	20	1
15	16QAM	1	37	18.89	18.43	18.39		
15	16QAM	1	74	18.30	18.41	18.75		
15	16QAM	36	0	17.39	17.35	17.31	19	2
15	16QAM	36	20	17.46	17.29	17.43		
15	16QAM	36	39	17.19	17.35	17.18		
15	16QAM	75	0	17.41	17.23	17.24		
15	64QAM	1	0	17.55	17.61	17.42	19	2
15	64QAM	1	37	17.50	17.61	17.66		
15	64QAM	1	74	17.60	17.37	17.42		
15	64QAM	36	0	16.28	16.51	16.35	18	3
15	64QAM	36	20	16.25	16.48	16.42		
15	64QAM	36	39	16.45	16.28	16.28		
15	64QAM	75	0	16.25	16.26	16.23		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.37	19.15	19.28	21	0
10	QPSK	1	25	19.54	19.70	19.58		
10	QPSK	1	49	19.26	19.18	19.36		
10	QPSK	25	0	18.59	18.49	18.39	20	1
10	QPSK	25	12	18.50	18.38	18.46		
10	QPSK	25	25	18.42	18.34	18.35		
10	QPSK	50	0	18.37	18.35	18.31		
10	16QAM	1	0	18.76	18.80	18.97	20	1
10	16QAM	1	25	18.86	18.44	18.43		
10	16QAM	1	49	18.31	18.43	18.65		
10	16QAM	25	0	17.47	17.36	17.34	19	2
10	16QAM	25	12	17.38	17.32	17.51		
10	16QAM	25	25	17.20	17.37	17.17		
10	16QAM	50	0	17.37	17.28	17.21		
10	64QAM	1	0	17.46	17.48	17.32	19	2
10	64QAM	1	25	17.48	17.66	17.68		
10	64QAM	1	49	17.53	17.33	17.31		
10	64QAM	25	0	16.24	16.48	16.37	18	3
10	64QAM	25	12	16.24	16.47	16.48		
10	64QAM	25	25	16.36	16.32	16.30		
10	64QAM	50	0	16.27	16.17	16.19		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.36	19.24	19.29	21	0
5	QPSK	1	12	19.44	19.62	19.48		
5	QPSK	1	24	19.27	19.17	19.33		
5	QPSK	12	0	18.54	18.48	18.49	20	1
5	QPSK	12	7	18.49	18.32	18.46		
5	QPSK	12	13	18.40	18.33	18.34		
5	QPSK	25	0	18.43	18.42	18.32		
5	16QAM	1	0	18.83	18.82	18.86	20	1
5	16QAM	1	12	18.86	18.38	18.33		
5	16QAM	1	24	18.27	18.31	18.75		
5	16QAM	12	0	17.43	17.43	17.38	19	2
5	16QAM	12	7	17.37	17.31	17.40		
5	16QAM	12	13	17.26	17.28	17.18		
5	16QAM	25	0	17.37	17.33	17.25		
5	64QAM	1	0	17.49	17.49	17.41	19	2
5	64QAM	1	12	17.45	17.70	17.55		
5	64QAM	1	24	17.59	17.36	17.32		
5	64QAM	12	0	16.31	16.43	16.39	18	3
5	64QAM	12	7	16.23	16.39	16.39		
5	64QAM	12	13	16.39	16.24	16.30		
5	64QAM	25	0	16.23	16.16	16.21		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.36	19.27	19.27	21	0
3	QPSK	1	8	19.55	19.57	19.59		
3	QPSK	1	14	19.31	19.31	19.30		
3	QPSK	8	0	18.50	18.43	18.38	20	1
3	QPSK	8	4	18.45	18.32	18.43		
3	QPSK	8	7	18.47	18.35	18.36		
3	QPSK	15	0	18.41	18.44	18.21		
3	16QAM	1	0	18.85	18.78	18.92	20	1
3	16QAM	1	8	18.87	18.34	18.32		
3	16QAM	1	14	18.31	18.31	18.64		
3	16QAM	8	0	17.49	17.43	17.28	19	2
3	16QAM	8	4	17.35	17.28	17.42		
3	16QAM	8	7	17.31	17.26	17.17		
3	16QAM	15	0	17.50	17.32	17.31		
3	64QAM	1	0	17.52	17.61	17.30	19	2
3	64QAM	1	8	17.45	17.63	17.68		
3	64QAM	1	14	17.61	17.24	17.34		
3	64QAM	8	0	16.28	16.41	16.40	18	3
3	64QAM	8	4	16.25	16.38	16.52		
3	64QAM	8	7	16.39	16.38	16.18		
3	64QAM	15	0	16.24	16.25	16.25		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.35	19.39	19.41	21	0
1.4	QPSK	1	3	19.30	19.57	19.48		
1.4	QPSK	1	5	19.37	19.36	19.29		
1.4	QPSK	3	0	19.39	19.51	19.44		
1.4	QPSK	3	1	19.41	19.54	19.38		
1.4	QPSK	3	3	19.43	19.47	19.39		
1.4	QPSK	6	0	18.36	18.45	18.34	20	1
1.4	16QAM	1	0	18.67	18.84	18.89	20	1
1.4	16QAM	1	3	18.56	18.38	18.62		
1.4	16QAM	1	5	18.32	18.89	18.53		
1.4	16QAM	3	0	18.41	18.43	18.37		
1.4	16QAM	3	1	18.46	18.53	18.46		
1.4	16QAM	3	3	18.29	18.50	18.37		
1.4	16QAM	6	0	17.33	17.40	17.31	19	2
1.4	64QAM	1	0	17.56	17.70	17.68	19	2
1.4	64QAM	1	3	17.10	17.53	17.49		
1.4	64QAM	1	5	17.72	17.55	17.37		
1.4	64QAM	3	0	17.34	17.50	17.53		
1.4	64QAM	3	1	17.11	17.72	17.47		
1.4	64QAM	3	3	17.45	17.44	17.42		
1.4	64QAM	6	0	16.41	16.41	16.28	18	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	19.98	20.01	19.88	21	0
20	QPSK	1	49	20.04	20.12	20.09		
20	QPSK	1	99	20.00	19.97	20.01		
20	QPSK	50	0	18.99	19.06	18.96	20	1
20	QPSK	50	24	18.90	18.91	18.86		
20	QPSK	50	50	18.96	18.83	18.91		
20	QPSK	100	0	18.97	18.99	18.93		
20	16QAM	1	0	18.97	18.94	18.91	20	1
20	16QAM	1	49	18.91	18.98	18.96		
20	16QAM	1	99	18.97	19.02	18.93		
20	16QAM	50	0	17.97	17.93	17.93	19	2
20	16QAM	50	24	17.86	17.95	17.97		
20	16QAM	50	50	17.93	17.92	17.85		
20	16QAM	100	0	18.07	18.07	17.96		
20	64QAM	1	0	17.95	18.01	17.96	19	2
20	64QAM	1	49	17.94	18.01	17.98		
20	64QAM	1	99	18.05	18.04	18.05		
20	64QAM	50	0	16.98	16.96	16.97	18	3
20	64QAM	50	24	17.02	17.02	16.94		
20	64QAM	50	50	17.00	16.97	16.97		
20	64QAM	100	0	16.92	17.01	16.96		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.95	19.90	19.96	21	0
15	QPSK	1	37	19.89	19.97	20.02		
15	QPSK	1	74	19.91	19.85	19.89		
15	QPSK	36	0	18.89	18.93	18.91	20	1
15	QPSK	36	20	18.89	18.89	18.76		
15	QPSK	36	39	18.93	18.84	18.83		
15	QPSK	75	0	18.82	18.89	18.94		
15	16QAM	1	0	18.94	18.84	18.89	20	1
15	16QAM	1	37	18.89	18.80	18.84		
15	16QAM	1	74	18.90	18.90	18.96		
15	16QAM	36	0	17.83	17.96	17.94	19	2
15	16QAM	36	20	17.85	17.82	17.74		
15	16QAM	36	39	17.91	17.80	17.86		
15	16QAM	75	0	17.98	18.04	18.06		
15	64QAM	1	0	17.86	17.92	17.80	19	2
15	64QAM	1	37	17.92	17.92	17.85		
15	64QAM	1	74	17.99	18.00	17.91		
15	64QAM	36	0	16.91	16.87	16.94	18	3
15	64QAM	36	20	16.99	16.97	16.93		
15	64QAM	36	39	16.91	16.96	16.93		
15	64QAM	75	0	16.86	16.81	16.78		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.87	19.93	19.89	21	0
10	QPSK	1	25	19.98	19.95	19.99		
10	QPSK	1	49	19.92	19.94	19.92		
10	QPSK	25	0	18.98	18.96	18.94	20	1
10	QPSK	25	12	18.88	18.76	18.77		
10	QPSK	25	25	18.94	18.90	18.93		
10	QPSK	50	0	18.93	18.94	18.92		
10	16QAM	1	0	18.85	18.83	18.83	20	1
10	16QAM	1	25	18.84	18.87	18.84		
10	16QAM	1	49	18.85	18.93	18.91		
10	16QAM	25	0	17.96	17.85	17.90	19	2
10	16QAM	25	12	17.84	17.74	17.76		
10	16QAM	25	25	17.80	17.80	17.87		
10	16QAM	50	0	17.93	17.92	17.99		
10	64QAM	1	0	17.86	17.83	17.87	19	2
10	64QAM	1	25	17.85	17.88	17.87		
10	64QAM	1	49	17.92	17.99	18.02		
10	64QAM	25	0	16.90	16.86	16.83	18	3
10	64QAM	25	12	16.89	17.01	16.95		
10	64QAM	25	25	16.88	16.90	16.95		
10	64QAM	50	0	16.91	16.87	16.89		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.97	19.95	19.86	21	0
5	QPSK	1	12	19.90	19.92	19.93		
5	QPSK	1	24	19.92	19.94	19.99		
5	QPSK	12	0	18.86	18.92	18.88	20	1
5	QPSK	12	7	18.81	18.79	18.89		
5	QPSK	12	13	18.81	18.83	18.88		
5	QPSK	25	0	18.85	18.84	18.92		
5	16QAM	1	0	18.95	18.87	18.87	20	1
5	16QAM	1	12	18.78	18.90	18.83		
5	16QAM	1	24	18.95	18.85	18.87		
5	16QAM	12	0	17.86	17.85	17.84	19	2
5	16QAM	12	7	17.85	17.79	17.79		
5	16QAM	12	13	17.80	17.90	17.89		
5	16QAM	25	0	17.99	18.01	18.01		
5	64QAM	1	0	17.88	17.93	17.88	19	2
5	64QAM	1	12	17.86	17.83	17.85		
5	64QAM	1	24	17.96	17.95	18.04		
5	64QAM	12	0	16.97	16.87	16.90	18	3
5	64QAM	12	7	16.94	16.93	16.89		
5	64QAM	12	13	16.93	16.94	16.88		
5	64QAM	25	0	16.82	16.80	16.88		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.97	19.91	19.91	21	0
3	QPSK	1	8	19.93	20.01	19.98		
3	QPSK	1	14	19.98	19.87	19.86		
3	QPSK	8	0	18.91	18.86	18.91	20	1
3	QPSK	8	4	18.86	18.86	18.87		
3	QPSK	8	7	18.89	18.92	18.88		
3	QPSK	15	0	18.82	18.82	18.83		
3	16QAM	1	0	18.92	18.87	18.95	20	1
3	16QAM	1	8	18.89	18.82	18.81		
3	16QAM	1	14	18.86	18.95	18.82		
3	16QAM	8	0	17.91	17.87	17.92	19	2
3	16QAM	8	4	17.80	17.79	17.74		
3	16QAM	8	7	17.83	17.79	17.90		
3	16QAM	15	0	17.95	17.98	18.04		
3	64QAM	1	0	17.90	17.88	17.81	19	2
3	64QAM	1	8	17.89	17.79	17.82		
3	64QAM	1	14	18.02	17.94	17.95		
3	64QAM	8	0	16.83	16.93	16.92	18	3
3	64QAM	8	4	16.87	16.89	16.96		
3	64QAM	8	7	16.90	16.85	16.95		
3	64QAM	15	0	16.79	16.78	16.79		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.72	19.75	19.82	21	0
1.4	QPSK	1	3	19.63	19.92	19.86		
1.4	QPSK	1	5	19.74	19.74	19.70		
1.4	QPSK	3	0	19.75	19.85	19.82		
1.4	QPSK	3	1	19.76	19.93	19.79		
1.4	QPSK	3	3	19.80	19.81	19.75		
1.4	QPSK	6	0	18.67	18.78	18.69	20	1
1.4	16QAM	1	0	19.05	19.23	19.26	20	1
1.4	16QAM	1	3	18.89	18.71	18.97		
1.4	16QAM	1	5	18.70	19.21	18.87		
1.4	16QAM	3	0	18.76	18.80	18.71		
1.4	16QAM	3	1	18.80	18.87	18.84		
1.4	16QAM	3	3	18.63	18.84	18.69		
1.4	16QAM	6	0	17.67	17.75	17.66	19	2
1.4	64QAM	1	0	17.92	18.06	18.02	19	2
1.4	64QAM	1	3	17.38	17.83	17.79		
1.4	64QAM	1	5	18.03	17.90	17.68		
1.4	64QAM	3	0	17.64	17.86	17.87		
1.4	64QAM	3	1	17.41	18.05	17.78		
1.4	64QAM	3	3	17.77	17.78	17.78		
1.4	64QAM	6	0	16.73	16.71	16.58	18	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	15.83	15.90	15.91	17.5	0
20	QPSK	1	49	15.92	16.08	15.99		
20	QPSK	1	99	15.78	15.77	15.76		
20	QPSK	50	0	14.98	15.06	15.03	16.5	1
20	QPSK	50	24	14.96	14.98	15.01		
20	QPSK	50	50	14.88	14.89	14.93		
20	QPSK	100	0	14.92	14.94	14.91		
20	16QAM	1	0	15.07	15.18	15.08	16.5	1
20	16QAM	1	49	15.01	15.50	14.98		
20	16QAM	1	99	15.32	15.27	14.94		
20	16QAM	50	0	13.86	13.92	14.00	15.5	2
20	16QAM	50	24	13.98	14.04	13.91		
20	16QAM	50	50	13.90	13.94	13.94		
20	16QAM	100	0	13.89	13.96	13.89		
20	64QAM	1	0	13.73	13.96	14.14	15.5	2
20	64QAM	1	49	13.97	14.03	14.09		
20	64QAM	1	99	14.04	14.13	14.08		
20	64QAM	50	0	12.87	13.00	13.01	14.5	3
20	64QAM	50	24	12.85	13.05	12.97		
20	64QAM	50	50	12.88	12.86	12.79		
20	64QAM	100	0	12.90	12.88	12.84		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.82	15.76	15.85	17.5	0
15	QPSK	1	37	15.84	16.03	15.96		
15	QPSK	1	74	15.71	15.72	15.62		
15	QPSK	36	0	14.88	15.02	14.98	16.5	1
15	QPSK	36	20	14.81	14.92	14.93		
15	QPSK	36	39	14.74	14.74	14.88		
15	QPSK	75	0	14.91	14.92	14.80		
15	16QAM	1	0	15.06	15.15	14.95	16.5	1
15	16QAM	1	37	14.88	15.40	14.92		
15	16QAM	1	74	15.22	15.20	14.87		
15	16QAM	36	0	13.83	13.81	13.99	15.5	2
15	16QAM	36	20	13.92	14.01	13.85		
15	16QAM	36	39	13.76	13.81	13.86		
15	16QAM	75	0	13.79	13.86	13.77		
15	64QAM	1	0	13.64	13.91	14.10	15.5	2
15	64QAM	1	37	13.87	13.93	13.96		
15	64QAM	1	74	13.93	14.06	14.00		
15	64QAM	36	0	12.82	12.96	12.97	14.5	3
15	64QAM	36	20	12.81	13.03	12.93		
15	64QAM	36	39	12.76	12.82	12.75		
15	64QAM	75	0	12.84	12.87	12.73		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.69	15.79	15.86	17.5	0
10	QPSK	1	25	15.79	15.98	15.88		
10	QPSK	1	49	15.75	15.72	15.70		
10	QPSK	25	0	14.86	14.91	14.92	16.5	1
10	QPSK	25	12	14.82	14.92	14.87		
10	QPSK	25	25	14.81	14.74	14.82		
10	QPSK	50	0	14.83	14.83	14.90		
10	16QAM	1	0	14.97	15.14	15.02	16.5	1
10	16QAM	1	25	14.97	15.40	14.90		
10	16QAM	1	49	15.31	15.25	14.87		
10	16QAM	25	0	13.81	13.77	13.85	15.5	2
10	16QAM	25	12	13.96	13.99	13.87		
10	16QAM	25	25	13.79	13.85	13.87		
10	16QAM	50	0	13.88	13.90	13.76		
10	64QAM	1	0	13.71	13.88	14.04	15.5	2
10	64QAM	1	25	13.96	13.94	13.96		
10	64QAM	1	49	14.01	14.06	14.03		
10	64QAM	25	0	12.77	12.90	12.86	14.5	3
10	64QAM	25	12	12.76	12.91	12.92		
10	64QAM	25	25	12.81	12.75	12.73		
10	64QAM	50	0	12.86	12.78	12.77		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.75	15.81	15.86	17.5	0
5	QPSK	1	12	15.81	16.01	15.89		
5	QPSK	1	24	15.72	15.73	15.62		
5	QPSK	12	0	14.97	15.00	15.02	16.5	1
5	QPSK	12	7	14.84	14.86	14.86		
5	QPSK	12	13	14.85	14.85	14.85		
5	QPSK	25	0	14.87	14.84	14.78		
5	16QAM	1	0	14.92	15.04	14.94	16.5	1
5	16QAM	1	12	15.00	15.35	14.83		
5	16QAM	1	24	15.29	15.19	14.80		
5	16QAM	12	0	13.76	13.86	13.91	15.5	2
5	16QAM	12	7	13.93	13.93	13.81		
5	16QAM	12	13	13.89	13.81	13.83		
5	16QAM	25	0	13.80	13.87	13.76		
5	64QAM	1	0	13.67	13.88	14.13	15.5	2
5	64QAM	1	12	13.92	14.01	14.00		
5	64QAM	1	24	13.95	14.12	13.93		
5	64QAM	12	0	12.81	12.94	12.89	14.5	3
5	64QAM	12	7	12.79	12.93	12.92		
5	64QAM	12	13	12.82	12.82	12.72		
5	64QAM	25	0	12.89	12.80	12.83		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.77	15.82	15.77	17.5	0
3	QPSK	1	8	15.81	16.04	15.88		
3	QPSK	1	14	15.63	15.68	15.71		
3	QPSK	8	0	14.96	15.03	14.99	16.5	1
3	QPSK	8	4	14.88	14.96	14.87		
3	QPSK	8	7	14.73	14.79	14.79		
3	QPSK	15	0	14.81	14.88	14.86		
3	16QAM	1	0	14.98	15.04	14.97	16.5	1
3	16QAM	1	8	14.89	15.40	14.86		
3	16QAM	1	14	15.30	15.17	14.79		
3	16QAM	8	0	13.74	13.85	13.85	15.5	2
3	16QAM	8	4	13.84	13.89	13.82		
3	16QAM	8	7	13.78	13.84	13.93		
3	16QAM	15	0	13.83	13.94	13.79		
3	64QAM	1	0	13.62	13.91	14.05	15.5	2
3	64QAM	1	8	13.82	13.89	14.04		
3	64QAM	1	14	14.00	14.01	13.99		
3	64QAM	8	0	12.74	12.85	12.86	14.5	3
3	64QAM	8	4	12.83	12.93	12.82		
3	64QAM	8	7	12.73	12.83	12.71		
3	64QAM	15	0	12.76	12.75	12.80		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.66	15.86	15.74	17.5	0
1.4	QPSK	1	3	15.76	15.85	15.72		
1.4	QPSK	1	5	15.66	15.82	15.82		
1.4	QPSK	3	0	15.71	15.79	15.73		
1.4	QPSK	3	1	15.62	15.82	15.68		
1.4	QPSK	3	3	15.71	15.83	15.74		
1.4	QPSK	6	0	14.69	14.82	14.71	16.5	1
1.4	16QAM	1	0	15.21	15.01	14.91	16.5	1
1.4	16QAM	1	3	15.29	15.30	15.30		
1.4	16QAM	1	5	14.93	15.32	15.28		
1.4	16QAM	3	0	14.72	14.69	14.73		
1.4	16QAM	3	1	14.56	14.76	14.63		
1.4	16QAM	3	3	14.62	14.75	14.75		
1.4	16QAM	6	0	13.75	13.91	13.73	15.5	2
1.4	64QAM	1	0	13.72	13.56	13.98	15.5	2
1.4	64QAM	1	3	13.88	14.10	13.93		
1.4	64QAM	1	5	13.78	13.90	13.91		
1.4	64QAM	3	0	13.87	13.84	13.81		
1.4	64QAM	3	1	13.89	13.88	13.88		
1.4	64QAM	3	3	13.76	13.56	13.85		
1.4	64QAM	6	0	12.53	12.74	12.77	14.5	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	20.95	21.07	21.05	22.5	0
20	QPSK	1	49	21.26	21.28	21.18		
20	QPSK	1	99	21.14	21.12	21.08		
20	QPSK	50	0	20.36	20.44	20.39	21.5	1
20	QPSK	50	24	20.31	20.31	20.29		
20	QPSK	50	50	20.29	20.32	20.33		
20	QPSK	100	0	20.33	20.42	20.37		
20	16QAM	1	0	20.28	20.28	20.37	21.5	1
20	16QAM	1	49	20.48	20.57	20.50		
20	16QAM	1	99	20.48	20.40	20.42		
20	16QAM	50	0	19.30	19.35	19.28	20.5	2
20	16QAM	50	24	19.35	19.45	19.37		
20	16QAM	50	50	19.38	19.32	19.35		
20	16QAM	100	0	19.39	19.23	19.37		
20	64QAM	1	0	18.89	18.91	19.00	20.5	2
20	64QAM	1	49	19.16	19.15	19.20		
20	64QAM	1	99	19.13	19.09	19.05		
20	64QAM	50	0	18.38	18.27	18.32	19.5	3
20	64QAM	50	24	18.39	18.30	18.44		
20	64QAM	50	50	18.27	18.29	18.33		
20	64QAM	100	0	18.22	18.27	18.39		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.89	21.04	20.99	22.5	0
15	QPSK	1	37	21.17	21.27	21.14		
15	QPSK	1	74	21.01	21.05	21.04		
15	QPSK	36	0	20.31	20.33	20.35	21.5	1
15	QPSK	36	20	20.20	20.25	20.16		
15	QPSK	36	39	20.21	20.21	20.23		
15	QPSK	75	0	20.23	20.30	20.35		
15	16QAM	1	0	20.22	20.21	20.26	21.5	1
15	16QAM	1	37	20.41	20.45	20.37		
15	16QAM	1	74	20.37	20.30	20.40		
15	16QAM	36	0	19.29	19.21	19.25	20.5	2
15	16QAM	36	20	19.33	19.35	19.30		
15	16QAM	36	39	19.30	19.31	19.30		
15	16QAM	75	0	19.29	19.16	19.36		
15	64QAM	1	0	18.88	18.85	18.94	20.5	2
15	64QAM	1	37	19.04	19.12	19.12		
15	64QAM	1	74	19.01	19.07	18.98		
15	64QAM	36	0	18.31	18.23	18.18	19.5	3
15	64QAM	36	20	18.30	18.20	18.37		
15	64QAM	36	39	18.15	18.21	18.29		
15	64QAM	75	0	18.14	18.21	18.30		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.91	20.92	20.98	22.5	0
10	QPSK	1	25	21.11	21.13	21.10		
10	QPSK	1	49	21.03	21.04	21.00		
10	QPSK	25	0	20.42	20.22	20.31	21.5	1
10	QPSK	25	12	20.21	20.18	20.20		
10	QPSK	25	25	20.20	20.24	20.30		
10	QPSK	50	0	20.23	20.35	20.36		
10	16QAM	1	0	20.22	20.16	20.23	21.5	1
10	16QAM	1	25	20.42	20.51	20.39		
10	16QAM	1	49	20.46	20.32	20.38		
10	16QAM	25	0	19.26	19.33	19.27	20.5	2
10	16QAM	25	12	19.20	19.40	19.33		
10	16QAM	25	25	19.35	19.26	19.22		
10	16QAM	50	0	19.31	19.15	19.22		
10	64QAM	1	0	18.85	18.85	18.85	20.5	2
10	64QAM	1	25	19.14	19.10	19.18		
10	64QAM	1	49	19.02	19.06	18.95		
10	64QAM	25	0	18.24	18.14	18.18	19.5	3
10	64QAM	25	12	18.35	18.25	18.36		
10	64QAM	25	25	18.16	18.16	18.32		
10	64QAM	50	0	18.08	18.14	18.25		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.91	21.00	20.94	22.5	0
5	QPSK	1	12	21.20	21.21	21.06		
5	QPSK	1	24	21.00	21.07	21.02		
5	QPSK	12	0	20.32	20.33	20.28	21.5	1
5	QPSK	12	7	20.30	20.19	20.17		
5	QPSK	12	13	20.14	20.28	20.29		
5	QPSK	25	0	20.27	20.40	20.32		
5	16QAM	1	0	20.19	20.20	20.30	21.5	1
5	16QAM	1	12	20.41	20.49	20.35		
5	16QAM	1	24	20.44	20.25	20.27		
5	16QAM	12	0	19.29	19.32	19.23	20.5	2
5	16QAM	12	7	19.21	19.37	19.26		
5	16QAM	12	13	19.34	19.27	19.34		
5	16QAM	25	0	19.24	19.14	19.30		
5	64QAM	1	0	18.79	18.86	18.88	20.5	2
5	64QAM	1	12	19.15	19.12	19.05		
5	64QAM	1	24	18.98	19.04	18.94		
5	64QAM	12	0	18.25	18.16	18.18	19.5	3
5	64QAM	12	7	18.36	18.15	18.30		
5	64QAM	12	13	18.26	18.17	18.26		
5	64QAM	25	0	18.16	18.20	18.33		

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.24	21.24	21.31	22.5	0
20	QPSK	1	49	21.53	21.55	21.43		
20	QPSK	1	99	21.50	21.51	21.40		
20	QPSK	50	0	20.66	20.74	20.73	21.5	1
20	QPSK	50	24	20.61	20.72	20.61		
20	QPSK	50	50	20.58	20.69	20.62		
20	QPSK	100	0	20.65	20.70	20.69		
20	16QAM	1	0	20.44	20.56	20.52	21.5	1
20	16QAM	1	49	20.81	20.80	20.74		
20	16QAM	1	99	20.78	20.73	20.73		
20	16QAM	50	0	19.51	19.58	19.51	20.5	2
20	16QAM	50	24	19.60	19.68	19.67		
20	16QAM	50	50	19.61	19.61	19.69		
20	16QAM	100	0	19.69	19.66	19.62		
20	64QAM	1	0	19.27	19.19	19.22	20.5	2
20	64QAM	1	49	19.43	19.42	19.36		
20	64QAM	1	99	19.29	19.26	19.26		
20	64QAM	50	0	18.55	18.59	18.50	19.5	3
20	64QAM	50	24	18.61	18.61	18.72		
20	64QAM	50	50	18.65	18.58	18.62		
20	64QAM	100	0	18.49	18.61	18.52		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.15	21.21	21.09	22.5	0
15	QPSK	1	37	21.39	21.45	21.40		
15	QPSK	1	74	21.43	21.47	21.44		
15	QPSK	36	0	20.63	20.65	20.57	21.5	1
15	QPSK	36	20	20.57	20.47	20.51		
15	QPSK	36	39	20.50	20.44	20.44		
15	QPSK	75	0	20.64	20.50	20.51		
15	16QAM	1	0	20.34	20.31	20.43	21.5	1
15	16QAM	1	37	20.66	20.73	20.72		
15	16QAM	1	74	20.73	20.74	20.71		
15	16QAM	36	0	19.36	19.43	19.47	20.5	2
15	16QAM	36	20	19.46	19.58	19.49		
15	16QAM	36	39	19.47	19.56	19.60		
15	16QAM	75	0	19.68	19.64	19.64		
15	64QAM	1	0	19.22	19.23	19.22	20.5	2
15	64QAM	1	37	19.38	19.36	19.36		
15	64QAM	1	74	19.27	19.21	19.22		
15	64QAM	36	0	18.45	18.52	18.40	19.5	3
15	64QAM	36	20	18.59	18.49	18.49		
15	64QAM	36	39	18.52	18.61	18.63		
15	64QAM	75	0	18.36	18.45	18.40		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.19	21.09	21.14	22.5	0
10	QPSK	1	25	21.40	21.44	21.45		
10	QPSK	1	49	21.35	21.41	21.49		
10	QPSK	25	0	20.58	20.59	20.59	21.5	1
10	QPSK	25	12	20.46	20.48	20.60		
10	QPSK	25	25	20.54	20.46	20.57		
10	QPSK	50	0	20.54	20.57	20.56		
10	16QAM	1	0	20.40	20.34	20.30	21.5	1
10	16QAM	1	25	20.73	20.71	20.67		
10	16QAM	1	49	20.63	20.74	20.67		
10	16QAM	25	0	19.45	19.40	19.43	20.5	2
10	16QAM	25	12	19.50	19.46	19.55		
10	16QAM	25	25	19.56	19.50	19.60		
10	16QAM	50	0	19.61	19.68	19.56		
10	64QAM	1	0	19.19	19.26	19.17	20.5	2
10	64QAM	1	25	19.42	19.40	19.35		
10	64QAM	1	49	19.19	19.16	19.21		
10	64QAM	25	0	18.49	18.42	18.41	19.5	3
10	64QAM	25	12	18.48	18.52	18.57		
10	64QAM	25	25	18.56	18.54	18.53		
10	64QAM	50	0	18.38	18.43	18.42		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.09	21.18	21.11	22.5	0
5	QPSK	1	12	21.44	21.47	21.41		
5	QPSK	1	24	21.48	21.49	21.48		
5	QPSK	12	0	20.63	20.63	20.59	21.5	1
5	QPSK	12	7	20.59	20.50	20.56		
5	QPSK	12	13	20.44	20.54	20.44		
5	QPSK	25	0	20.50	20.62	20.60		
5	16QAM	1	0	20.30	20.34	20.32	21.5	1
5	16QAM	1	12	20.76	20.75	20.72		
5	16QAM	1	24	20.73	20.72	20.69		
5	16QAM	12	0	19.45	19.49	19.38	20.5	2
5	16QAM	12	7	19.53	19.58	19.58		
5	16QAM	12	13	19.49	19.48	19.57		
5	16QAM	25	0	19.61	19.63	19.61		
5	64QAM	1	0	19.26	19.14	19.13	20.5	2
5	64QAM	1	12	19.28	19.33	19.31		
5	64QAM	1	24	19.16	19.15	19.27		
5	64QAM	12	0	18.42	18.50	18.45	19.5	3
5	64QAM	12	7	18.58	18.46	18.49		
5	64QAM	12	13	18.56	18.56	18.58		
5	64QAM	25	0	18.35	18.40	18.35		

Band 41_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.94	20.87	21.02	21.04	21.01	22.5	0
20	QPSK	1	49	21.03	21.18	21.37	21.19	21.26		
20	QPSK	1	99	21.00	21.06	21.12	21.07	21.24		
20	QPSK	50	0	20.05	20.20	20.49	20.45	20.43	21.5	1
20	QPSK	50	24	19.99	20.18	20.31	20.43	20.41		
20	QPSK	50	50	20.03	20.16	20.37	20.24	20.35		
20	QPSK	100	0	20.08	20.08	20.48	20.40	20.41		
20	16QAM	1	0	19.96	19.97	20.32	20.39	20.22	21.5	1
20	16QAM	1	49	20.14	20.17	20.48	20.40	20.38		
20	16QAM	1	99	20.05	20.14	20.30	20.31	20.34		
20	16QAM	50	0	19.14	19.33	19.38	19.36	19.32	20.5	2
20	16QAM	50	24	19.28	19.30	19.38	19.32	19.45		
20	16QAM	50	50	19.18	19.33	19.38	19.27	19.43		
20	16QAM	100	0	19.15	19.25	19.31	19.42	19.48		
20	64QAM	1	0	18.90	18.80	19.02	19.01	18.94	20.5	2
20	64QAM	1	49	18.99	18.97	19.19	19.13	19.22		
20	64QAM	1	99	18.80	18.96	19.10	18.94	19.07		
20	64QAM	50	0	18.13	18.29	18.37	18.33	18.28	19.5	3
20	64QAM	50	24	18.12	18.34	18.40	18.41	18.30		
20	64QAM	50	50	18.21	18.31	18.32	18.25	18.35		
20	64QAM	100	0	18.20	18.25	18.41	18.39	18.37		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.88	20.83	20.87	20.93	21.00	22.5	0
15	QPSK	1	37	21.01	21.12	21.36	21.17	21.22		
15	QPSK	1	74	20.89	20.94	20.99	20.94	21.19		
15	QPSK	36	0	19.99	20.08	20.34	20.30	20.28	21.5	1
15	QPSK	36	20	19.93	20.12	20.20	20.28	20.39		
15	QPSK	36	39	19.95	20.08	20.29	20.11	20.29		
15	QPSK	75	0	19.95	20.02	20.46	20.26	20.27		
15	16QAM	1	0	19.93	19.93	20.29	20.38	20.13	21.5	1
15	16QAM	1	37	20.04	20.07	20.46	20.34	20.28		
15	16QAM	1	74	19.92	20.11	20.19	20.16	20.31		
15	16QAM	36	0	19.08	19.22	19.24	19.29	19.22	20.5	2
15	16QAM	36	20	19.23	19.20	19.31	19.24	19.33		
15	16QAM	36	39	19.03	19.19	19.28	19.25	19.40		
15	16QAM	75	0	19.06	19.20	19.21	19.40	19.39		
15	64QAM	1	0	18.75	18.79	18.87	18.90	18.89	20.5	2
15	64QAM	1	37	18.86	18.91	19.09	19.11	19.15		
15	64QAM	1	74	18.68	18.86	19.06	18.83	18.97		
15	64QAM	36	0	18.03	18.17	18.27	18.30	18.16	19.5	3
15	64QAM	36	20	18.02	18.20	18.37	18.38	18.24		
15	64QAM	36	39	18.18	18.19	18.24	18.19	18.22		
15	64QAM	75	0	18.06	18.15	18.29	18.26	18.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.84	20.72	20.99	20.89	20.97	22.5	0
10	QPSK	1	25	20.91	21.16	21.33	21.13	21.24		
10	QPSK	1	49	20.88	21.00	21.03	21.04	21.14		
10	QPSK	25	0	19.91	20.13	20.42	20.36	20.39	21.5	1
10	QPSK	25	12	19.85	20.13	20.18	20.35	20.31		
10	QPSK	25	25	20.02	20.04	20.26	20.21	20.27		
10	QPSK	50	0	19.98	19.95	20.37	20.34	20.30		
10	16QAM	1	0	19.89	19.94	20.19	20.26	20.19	21.5	1
10	16QAM	1	25	20.09	20.07	20.40	20.37	20.36		
10	16QAM	1	49	19.94	20.13	20.28	20.27	20.32		
10	16QAM	25	0	19.01	19.24	19.31	19.33	19.30	20.5	2
10	16QAM	25	12	19.21	19.15	19.27	19.18	19.35		
10	16QAM	25	25	19.16	19.28	19.26	19.23	19.28		
10	16QAM	50	0	19.08	19.21	19.21	19.39	19.37		
10	64QAM	1	0	18.82	18.65	18.99	18.97	18.91	20.5	2
10	64QAM	1	25	18.86	18.86	19.16	18.99	19.13		
10	64QAM	1	49	18.67	18.81	19.06	18.83	18.97		
10	64QAM	25	0	18.02	18.22	18.36	18.26	18.27	19.5	3
10	64QAM	25	12	17.99	18.31	18.26	18.28	18.24		
10	64QAM	25	25	18.07	18.21	18.19	18.16	18.29		
10	64QAM	50	0	18.18	18.13	18.37	18.35	18.32		
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	20.92	20.72	20.96	21.02	20.93	22.5	0
5	QPSK	1	12	20.93	21.06	21.22	21.10	21.14		
5	QPSK	1	24	20.87	21.03	21.00	21.02	21.23		
5	QPSK	12	0	19.92	20.11	20.36	20.31	20.39	21.5	1
5	QPSK	12	7	19.85	20.11	20.20	20.34	20.38		
5	QPSK	12	13	19.91	20.12	20.23	20.10	20.32		
5	QPSK	25	0	19.95	20.03	20.41	20.27	20.31		
5	16QAM	1	0	19.95	19.84	20.26	20.37	20.17	21.5	1
5	16QAM	1	12	20.06	20.13	20.33	20.29	20.29		
5	16QAM	1	24	20.00	20.10	20.21	20.20	20.33		
5	16QAM	12	0	19.13	19.21	19.29	19.22	19.26	20.5	2
5	16QAM	12	7	19.21	19.27	19.24	19.18	19.41		
5	16QAM	12	13	19.17	19.29	19.31	19.16	19.35		
5	16QAM	25	0	19.10	19.24	19.30	19.34	19.46		
5	64QAM	1	0	18.83	18.69	18.88	18.95	18.81	20.5	2
5	64QAM	1	12	18.92	18.88	19.15	19.06	19.12		
5	64QAM	1	24	18.71	18.81	19.09	18.83	18.95		
5	64QAM	12	0	18.10	18.26	18.30	18.30	18.13	19.5	3
5	64QAM	12	7	18.04	18.25	18.26	18.38	18.24		
5	64QAM	12	13	18.14	18.27	18.23	18.24	18.21		
5	64QAM	25	0	18.13	18.13	18.28	18.32	18.33		

Band 41(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.25	21.25	21.21	21.23	21.29	22.5	0
20	QPSK	1	49	21.30	21.38	21.47	21.39	21.37		
20	QPSK	1	99	21.23	21.30	21.26	21.24	21.27		
20	QPSK	50	0	20.37	20.39	20.43	20.38	20.41	21.5	1
20	QPSK	50	24	20.30	20.38	20.24	20.24	20.38		
20	QPSK	50	50	20.32	20.33	20.33	20.28	20.26		
20	QPSK	100	0	20.30	20.27	20.32	20.31	20.30		
20	16QAM	1	0	20.36	20.26	20.25	20.31	20.28	21.5	1
20	16QAM	1	49	20.48	20.48	20.62	20.61	20.48		
20	16QAM	1	99	20.43	20.43	20.49	20.35	20.48		
20	16QAM	50	0	19.44	19.55	19.46	19.54	19.44	20.5	2
20	16QAM	50	24	19.55	19.62	19.53	19.63	19.62		
20	16QAM	50	50	19.52	19.55	19.52	19.58	19.57		
20	16QAM	100	0	19.43	19.47	19.39	19.43	19.48		
20	64QAM	1	0	19.18	19.18	19.14	19.18	19.16	20.5	2
20	64QAM	1	49	19.32	19.29	19.35	19.31	19.31		
20	64QAM	1	99	19.09	19.21	19.09	19.14	19.15		
20	64QAM	50	0	18.29	18.32	18.42	18.42	18.29	19.5	3
20	64QAM	50	24	18.38	18.49	18.46	18.44	18.37		
20	64QAM	50	50	18.39	18.46	18.35	18.37	18.43		
20	64QAM	100	0	18.43	18.40	18.30	18.42	18.41		
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	21.21	21.22	21.22	21.10	21.16	22.5	0
15	QPSK	1	37	21.28	21.20	21.21	21.24	21.16		
15	QPSK	1	74	21.17	21.16	21.19	21.15	21.20		
15	QPSK	36	0	20.34	20.32	20.32	20.22	20.25	21.5	1
15	QPSK	36	20	20.21	20.15	20.19	20.19	20.23		
15	QPSK	36	39	20.24	20.19	20.29	20.22	20.23		
15	QPSK	75	0	20.17	20.19	20.23	20.26	20.23		
15	16QAM	1	0	20.35	20.34	20.30	20.28	20.28	21.5	1
15	16QAM	1	37	20.36	20.37	20.37	20.47	20.44		
15	16QAM	1	74	20.37	20.42	20.31	20.36	20.33		
15	16QAM	36	0	19.37	19.39	19.31	19.39	19.39	20.5	2
15	16QAM	36	20	19.48	19.44	19.46	19.41	19.41		
15	16QAM	36	39	19.49	19.41	19.51	19.51	19.50		
15	16QAM	75	0	19.29	19.34	19.36	19.42	19.41		
15	64QAM	1	0	19.08	19.04	19.15	19.04	19.14	20.5	2
15	64QAM	1	37	19.27	19.24	19.25	19.23	19.20		
15	64QAM	1	74	18.98	19.07	18.95	18.98	19.03		
15	64QAM	36	0	18.15	18.14	18.26	18.16	18.16	19.5	3
15	64QAM	36	20	18.35	18.32	18.23	18.37	18.27		
15	64QAM	36	39	18.33	18.27	18.24	18.27	18.33		
15	64QAM	75	0	18.40	18.28	18.34	18.29	18.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.17	21.11	21.11	21.13	21.16	22.5	0
10	QPSK	1	25	21.24	21.24	21.29	21.28	21.21		
10	QPSK	1	49	21.19	21.14	21.13	21.22	21.09		
10	QPSK	25	0	20.24	20.33	20.26	20.27	20.23	21.5	1
10	QPSK	25	12	20.20	20.17	20.29	20.15	20.15		
10	QPSK	25	25	20.30	20.22	20.30	20.28	20.25		
10	QPSK	50	0	20.19	20.29	20.20	20.22	20.27		
10	16QAM	1	0	20.22	20.24	20.34	20.30	20.22	21.5	1
10	16QAM	1	25	20.45	20.35	20.43	20.44	20.38		
10	16QAM	1	49	20.39	20.35	20.41	20.33	20.37		
10	16QAM	25	0	19.31	19.40	19.38	19.30	19.38	20.5	2
10	16QAM	25	12	19.51	19.42	19.49	19.50	19.47		
10	16QAM	25	25	19.45	19.38	19.48	19.46	19.51		
10	16QAM	50	0	19.34	19.30	19.35	19.37	19.35		
10	64QAM	1	0	19.13	19.07	19.06	19.15	19.05	20.5	2
10	64QAM	1	25	19.23	19.21	19.24	19.20	19.27		
10	64QAM	1	49	18.96	18.97	18.97	19.00	18.99		
10	64QAM	25	0	18.28	18.26	18.24	18.17	18.17	19.5	3
10	64QAM	25	12	18.31	18.36	18.28	18.35	18.23		
10	64QAM	25	25	18.36	18.26	18.34	18.34	18.35		
10	64QAM	50	0	18.35	18.36	18.28	18.29	18.38		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.21	21.15	21.23	21.12	21.13	22.5	0
5	QPSK	1	12	21.16	21.27	21.27	21.20	21.20		
5	QPSK	1	24	21.11	21.18	21.19	21.15	21.18		
5	QPSK	12	0	20.26	20.30	20.35	20.33	20.34	21.5	1
5	QPSK	12	7	20.27	20.29	20.29	20.22	20.16		
5	QPSK	12	13	20.23	20.25	20.28	20.18	20.18		
5	QPSK	25	0	20.27	20.24	20.29	20.23	20.24		
5	16QAM	1	0	20.34	20.21	20.21	20.24	20.22	21.5	1
5	16QAM	1	12	20.39	20.47	20.40	20.41	20.38		
5	16QAM	1	24	20.40	20.29	20.41	20.32	20.36		
5	16QAM	12	0	19.38	19.34	19.40	19.36	19.43	20.5	2
5	16QAM	12	7	19.54	19.44	19.52	19.43	19.42		
5	16QAM	12	13	19.50	19.44	19.47	19.38	19.48		
5	16QAM	25	0	19.28	19.30	19.35	19.41	19.34		
5	64QAM	1	0	19.12	19.06	19.06	19.07	19.11	20.5	2
5	64QAM	1	12	19.28	19.21	19.17	19.24	19.21		
5	64QAM	1	24	19.06	18.94	18.98	19.04	19.07		
5	64QAM	12	0	18.21	18.21	18.22	18.20	18.22	19.5	3
5	64QAM	12	7	18.31	18.32	18.33	18.28	18.34		
5	64QAM	12	13	18.26	18.33	18.24	18.28	18.37		
5	64QAM	25	0	18.34	18.37	18.38	18.39	18.28		

Part 27Q_Band 42_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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	13.42	13.56	13.46	14.5	0
20	QPSK	1	49	13.71	13.58	13.51		
20	QPSK	1	99	13.28	13.40	13.29		
20	QPSK	50	0	12.70	12.69	12.53	13.5	1
20	QPSK	50	24	12.59	12.66	12.47		
20	QPSK	50	50	12.50	12.58	12.50		
20	QPSK	100	0	12.63	12.62	12.58		
20	16QAM	1	0	12.60	12.57	12.46	13.5	1
20	16QAM	1	49	12.64	12.68	12.49		
20	16QAM	1	99	12.33	12.47	12.32		
20	16QAM	50	0	11.52	11.67	11.47	12.5	2
20	16QAM	50	24	11.64	11.62	11.51		
20	16QAM	50	50	11.52	11.57	11.42		
20	16QAM	100	0	11.51	11.55	11.49		
20	64QAM	1	0	11.19	11.30	11.22	12.5	2
20	64QAM	1	49	11.44	11.33	11.20		
20	64QAM	1	99	11.11	11.10	10.94		
20	64QAM	50	0	10.63	10.63	10.46	11.5	3
20	64QAM	50	24	10.45	10.68	10.47		
20	64QAM	50	50	10.51	10.61	10.31		
20	64QAM	100	0	10.55	10.60	10.52		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	13.39	13.52	13.39	14.5	0
15	QPSK	1	37	13.63	13.52	13.41		
15	QPSK	1	74	13.16	13.28	13.21		
15	QPSK	36	0	12.67	12.58	12.44	13.5	1
15	QPSK	36	20	12.58	12.57	12.41		
15	QPSK	36	39	12.47	12.46	12.40		
15	QPSK	75	0	12.45	12.50	12.44		
15	16QAM	1	0	12.54	12.44	12.31	13.5	1
15	16QAM	1	37	12.55	12.58	12.44		
15	16QAM	1	74	12.27	12.38	12.21		
15	16QAM	36	0	11.45	11.62	11.45	12.5	2
15	16QAM	36	20	11.49	11.57	11.39		
15	16QAM	36	39	11.51	11.45	11.39		
15	16QAM	75	0	11.36	11.40	11.34		
15	64QAM	1	0	11.09	11.19	11.13	12.5	2
15	64QAM	1	37	11.37	11.20	11.15		
15	64QAM	1	74	11.03	11.08	10.84		
15	64QAM	36	0	10.48	10.49	10.34	11.5	3
15	64QAM	36	20	10.33	10.58	10.35		
15	64QAM	36	39	10.46	10.56	10.28		
15	64QAM	75	0	10.40	10.50	10.45		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	13.28	13.42	13.34	14.5	0
10	QPSK	1	25	13.70	13.46	13.39		
10	QPSK	1	49	13.26	13.35	13.25		
10	QPSK	25	0	12.67	12.67	12.42	13.5	1
10	QPSK	25	12	12.55	12.55	12.43		
10	QPSK	25	25	12.41	12.56	12.45		
10	QPSK	50	0	12.57	12.49	12.53		
10	16QAM	1	0	12.45	12.46	12.40	13.5	1
10	16QAM	1	25	12.57	12.63	12.40		
10	16QAM	1	49	12.22	12.40	12.17		
10	16QAM	25	0	11.50	11.66	11.34	12.5	2
10	16QAM	25	12	11.52	11.61	11.47		
10	16QAM	25	25	11.37	11.51	11.34		
10	16QAM	50	0	11.40	11.42	11.35		
10	64QAM	1	0	11.11	11.29	11.20	12.5	2
10	64QAM	1	25	11.39	11.22	11.14		
10	64QAM	1	49	11.02	11.08	10.87		
10	64QAM	25	0	10.62	10.56	10.33	11.5	3
10	64QAM	25	12	10.34	10.60	10.41		
10	64QAM	25	25	10.37	10.47	10.22		
10	64QAM	50	0	10.54	10.51	10.40		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	13.27	13.50	13.39	14.5	0
5	QPSK	1	12	13.70	13.45	13.43		
5	QPSK	1	24	13.19	13.37	13.19		
5	QPSK	12	0	12.53	12.59	12.41	13.5	1
5	QPSK	12	7	12.55	12.52	12.41		
5	QPSK	12	13	12.48	12.47	12.45		
5	QPSK	25	0	12.51	12.52	12.53		
5	16QAM	1	0	12.52	12.53	12.40	13.5	1
5	16QAM	1	12	12.61	12.55	12.34		
5	16QAM	1	24	12.27	12.35	12.24		
5	16QAM	12	0	11.40	11.54	11.37	12.5	2
5	16QAM	12	7	11.57	11.47	11.42		
5	16QAM	12	13	11.37	11.53	11.27		
5	16QAM	25	0	11.42	11.54	11.37		
5	64QAM	1	0	11.13	11.18	11.13	12.5	2
5	64QAM	1	12	11.31	11.24	11.12		
5	64QAM	1	24	11.07	11.00	10.89		
5	64QAM	12	0	10.48	10.53	10.40	11.5	3
5	64QAM	12	7	10.33	10.57	10.37		
5	64QAM	12	13	10.37	10.53	10.17		
5	64QAM	25	0	10.54	10.56	10.38		

Reduced Power Mode for Handheld On

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	31.90	31.83	31.64	**33.50**	22.90	22.83	22.64	24.50
GPRS 1 Tx slot	31.90	31.89	31.62	**33.50**	22.90	22.89	22.62	24.50
GPRS 2 Tx slots	31.36	31.31	31.12	**33.00**	25.36	25.31	25.12	27.00
GPRS 3 Tx slots	29.76	29.74	29.62	**31.50**	25.50	25.48	25.36	27.24
GPRS 4 Tx slots	28.52	28.59	28.54	**30.50**	25.52	25.59	25.54	27.50
EDGE 1 Tx slot	25.79	26.25	25.88	**27.50**	16.79	17.25	16.88	18.50
EDGE 2 Tx slots	24.23	24.39	24.28	**25.50**	18.23	18.39	18.28	19.50
EDGE 3 Tx slots	21.79	22.03	21.96	**23.50**	17.53	17.77	17.70	19.24
EDGE 4 Tx slots	20.49	20.56	20.47	**22.00**	17.49	17.56	17.47	19.00

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.83	27.77	27.61	**29.50**	18.83	18.77	18.61	20.50
GPRS 1 Tx slot	27.89	27.83	27.59	**29.50**	18.89	18.83	18.59	20.50
GPRS 2 Tx slots	27.26	27.17	27.03	**29.00**	21.26	21.17	21.03	23.00
GPRS 3 Tx slots	25.79	25.76	25.56	**27.50**	21.53	21.50	21.30	23.24
GPRS 4 Tx slots	24.52	24.53	24.51	**26.50**	21.52	21.53	21.51	23.50
EDGE 1 Tx slot	24.12	23.77	23.70	**25.50**	15.12	14.77	14.70	16.50
EDGE 2 Tx slots	23.08	22.72	22.57	**24.50**	17.08	16.72	16.57	18.50
EDGE 3 Tx slots	20.63	20.58	20.52	**22.50**	16.37	16.32	16.26	18.24
EDGE 4 Tx slots	19.33	19.24	19.20	**21.00**	16.33	16.24	16.20	18.00

Band		WCDMA II_Ant 1			Tune-up Limit (dBm)	WCDMA IV_Ant 1			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.61	20.67	20.53	**22.00**	20.10	20.22	20.13	**22.00**	22.52	22.58	22.49	**24.00**
3GPP Rel 99	RMC 12.2Kbps	20.68	20.76	20.71	**22.00**	20.23	20.24	20.20	**22.00**	22.56	22.61	22.50	**24.00**
3GPP Rel 6	HSDPA Subtest-1	19.50	19.61	19.58	**21.00**	19.14	19.29	19.28	**21.00**	21.48	21.62	21.47	**23.00**
3GPP Rel 6	HSDPA Subtest-2	19.53	19.65	19.60	**21.00**	19.09	19.16	19.01	**21.00**	21.47	21.60	21.47	**23.00**
3GPP Rel 6	HSDPA Subtest-3	19.09	19.11	19.02	**20.50**	18.75	18.84	18.75	**20.50**	21.01	21.12	21.00	**22.50**
3GPP Rel 6	HSDPA Subtest-4	19.02	19.07	18.98	**20.50**	18.64	18.74	18.67	**20.50**	20.96	21.09	20.97	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	19.66	19.79	19.78	**21.00**	19.07	19.16	19.07	**21.00**	21.62	21.67	21.56	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	19.82	19.85	19.73	**21.00**	19.03	19.16	19.08	**21.00**	21.65	21.66	21.59	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	19.20	19.21	19.10	**20.50**	18.60	18.65	18.59	**20.50**	21.13	21.20	21.03	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	19.18	19.31	19.18	**20.50**	18.56	18.62	18.59	**20.50**	21.09	21.18	21.14	**22.50**
3GPP Rel 6	HSUPA Subtest-1	17.55	17.56	17.48	**19.00**	17.19	17.29	17.16	**19.00**	19.45	19.44	19.42	**21.00**
3GPP Rel 6	HSUPA Subtest-2	17.55	17.59	17.53	**19.00**	17.23	17.35	17.28	**19.00**	19.43	19.45	19.46	**21.00**
3GPP Rel 6	HSUPA Subtest-3	18.53	18.63	18.48	**20.00**	18.23	18.38	18.25	**20.00**	20.45	20.46	20.47	**22.00**
3GPP Rel 6	HSUPA Subtest-4	17.02	17.15	17.07	**19.00**	17.01	17.10	17.09	**19.00**	19.04	19.03	19.01	**21.00**
3GPP Rel 6	HSUPA Subtest-5	18.55	18.66	18.61	**20.00**	18.13	18.15	18.13	**20.00**	20.40	20.60	20.40	**22.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.50	17.57	17.56	**18.50**	17.24	17.29	17.17	**18.50**	19.43	19.44	19.48	**20.50**

Band 2_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.16	21.14	21.14	22.5	0
20	QPSK	1	49	21.20	21.25	21.20		
20	QPSK	1	99	20.91	21.14	21.05		
20	QPSK	50	0	20.28	20.28	20.21	21.5	1
20	QPSK	50	24	20.20	20.23	20.20		
20	QPSK	50	50	20.11	20.08	20.05		
20	QPSK	100	0	20.16	20.18	20.13		
20	16QAM	1	0	20.25	20.70	20.64	21.5	1
20	16QAM	1	49	20.29	20.40	20.45		
20	16QAM	1	99	20.40	20.45	20.11		
20	16QAM	50	0	19.00	19.10	19.22	20.5	2
20	16QAM	50	24	19.24	19.14	19.23		
20	16QAM	50	50	19.02	19.10	19.05		
20	16QAM	100	0	19.15	19.14	19.13		
20	64QAM	1	0	19.28	19.04	19.20	20.5	2
20	64QAM	1	49	18.98	19.50	19.36		
20	64QAM	1	99	19.07	19.47	19.06		
20	64QAM	50	0	18.07	18.13	18.15	19.5	3
20	64QAM	50	24	18.14	18.07	18.11		
20	64QAM	50	50	18.13	18.08	18.05		
20	64QAM	100	0	18.11	18.03	18.02		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.10	20.99	21.07	22.5	0
15	QPSK	1	37	21.15	21.23	21.10		
15	QPSK	1	74	20.86	21.04	20.97		
15	QPSK	36	0	20.25	20.24	20.07	21.5	1
15	QPSK	36	20	20.13	20.08	20.16		
15	QPSK	36	39	20.04	20.04	19.91		
15	QPSK	75	0	20.09	20.15	20.06		
15	16QAM	1	0	20.18	20.59	20.58	21.5	1
15	16QAM	1	37	20.15	20.35	20.38		
15	16QAM	1	74	20.29	20.30	19.97		
15	16QAM	36	0	18.93	18.97	19.15	20.5	2
15	16QAM	36	20	19.18	19.05	19.21		
15	16QAM	36	39	18.96	18.97	18.94		
15	16QAM	75	0	19.04	18.99	19.05		
15	64QAM	1	0	19.21	18.94	19.14	20.5	2
15	64QAM	1	37	18.97	19.40	19.28		
15	64QAM	1	74	19.04	19.33	19.03		
15	64QAM	36	0	17.94	18.08	18.13	19.5	3
15	64QAM	36	20	18.08	18.02	17.96		
15	64QAM	36	39	18.07	18.04	17.96		
15	64QAM	75	0	17.98	18.00	17.95		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.09	21.01	21.08	22.5	0
10	QPSK	1	25	21.06	21.16	21.19		
10	QPSK	1	49	20.85	21.03	20.92		
10	QPSK	25	0	20.14	20.25	20.15	21.5	1
10	QPSK	25	12	20.05	20.22	20.07		
10	QPSK	25	25	20.05	19.97	19.97		
10	QPSK	50	0	20.11	20.05	20.11		
10	16QAM	1	0	20.17	20.68	20.57	21.5	1
10	16QAM	1	25	20.20	20.26	20.36		
10	16QAM	1	49	20.37	20.36	20.07		
10	16QAM	25	0	18.91	19.00	19.08	20.5	2
10	16QAM	25	12	19.17	19.12	19.11		
10	16QAM	25	25	18.93	18.97	18.92		
10	16QAM	50	0	19.05	19.04	19.10		
10	64QAM	1	0	19.13	18.98	19.13	20.5	2
10	64QAM	1	25	18.94	19.45	19.26		
10	64QAM	1	49	19.06	19.38	19.01		
10	64QAM	25	0	18.02	18.12	18.07	19.5	3
10	64QAM	25	12	18.10	17.92	18.08		
10	64QAM	25	25	18.01	17.96	17.91		
10	64QAM	50	0	18.10	17.90	17.88		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.10	21.06	21.11	22.5	0
5	QPSK	1	12	21.09	21.24	21.12		
5	QPSK	1	24	20.85	21.12	21.01		
5	QPSK	12	0	20.26	20.14	20.15	21.5	1
5	QPSK	12	7	20.12	20.19	20.15		
5	QPSK	12	13	19.99	19.96	20.00		
5	QPSK	25	0	20.08	20.07	20.01		
5	16QAM	1	0	20.10	20.63	20.51	21.5	1
5	16QAM	1	12	20.26	20.29	20.30		
5	16QAM	1	24	20.31	20.30	20.03		
5	16QAM	12	0	18.85	19.04	19.13	20.5	2
5	16QAM	12	7	19.22	19.00	19.10		
5	16QAM	12	13	18.90	19.05	18.93		
5	16QAM	25	0	19.07	19.08	18.98		
5	64QAM	1	0	19.14	18.95	19.19	20.5	2
5	64QAM	1	12	18.87	19.41	19.30		
5	64QAM	1	24	19.05	19.44	18.94		
5	64QAM	12	0	18.03	18.08	18.09	19.5	3
5	64QAM	12	7	18.10	17.95	17.97		
5	64QAM	12	13	18.08	17.95	17.94		
5	64QAM	25	0	18.06	17.91	17.93		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.10	21.09	21.13	22.5	0
3	QPSK	1	8	21.19	21.13	21.13		
3	QPSK	1	14	20.89	21.09	20.99		
3	QPSK	8	0	20.18	20.26	20.17	21.5	1
3	QPSK	8	4	20.15	20.14	20.07		
3	QPSK	8	7	20.00	20.03	20.00		
3	QPSK	15	0	20.08	20.06	20.00		
3	16QAM	1	0	20.24	20.60	20.63	21.5	1
3	16QAM	1	8	20.21	20.38	20.39		
3	16QAM	1	14	20.25	20.32	20.01		
3	16QAM	8	0	18.99	19.04	19.15	20.5	2
3	16QAM	8	4	19.10	19.04	19.11		
3	16QAM	8	7	18.97	18.97	18.96		
3	16QAM	15	0	19.09	19.07	19.05		
3	64QAM	1	0	19.17	19.03	19.07	20.5	2
3	64QAM	1	8	18.94	19.45	19.21		
3	64QAM	1	14	19.02	19.46	19.05		
3	64QAM	8	0	17.95	18.02	18.09	19.5	3
3	64QAM	8	4	18.01	17.93	18.00		
3	64QAM	8	7	18.12	18.00	18.00		
3	64QAM	15	0	18.03	17.92	17.88		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.10	21.04	21.03	22.5	0
1.4	QPSK	1	3	20.91	21.15	21.04		
1.4	QPSK	1	5	21.02	21.14	21.07		
1.4	QPSK	3	0	21.04	21.13	21.04		
1.4	QPSK	3	1	21.03	21.04	21.10		
1.4	QPSK	3	3	21.03	21.10	21.08		
1.4	QPSK	6	0	20.01	20.09	20.09	21.5	1
1.4	16QAM	1	0	20.20	20.27	19.99	21.5	1
1.4	16QAM	1	3	20.50	20.37	20.58		
1.4	16QAM	1	5	19.94	20.59	20.50		
1.4	16QAM	3	0	20.05	20.11	20.13		
1.4	16QAM	3	1	20.13	20.14	19.86		
1.4	16QAM	3	3	19.91	19.93	19.97		
1.4	16QAM	6	0	18.97	19.21	19.07	20.5	2
1.4	64QAM	1	0	18.82	18.82	19.34	20.5	2
1.4	64QAM	1	3	19.16	19.12	19.09		
1.4	64QAM	1	5	19.20	19.32	19.35		
1.4	64QAM	3	0	19.14	19.25	19.27		
1.4	64QAM	3	1	19.24	18.91	19.23		
1.4	64QAM	3	3	19.04	19.15	19.18		
1.4	64QAM	6	0	17.93	18.07	17.93	19.5	3

Band 2(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.40	21.41	21.40	22.5	0
20	QPSK	1	49	21.46	21.52	21.45		
20	QPSK	1	99	21.13	21.18	21.22		
20	QPSK	50	0	20.45	20.49	20.43	21.5	1
20	QPSK	50	24	20.43	20.48	20.41		
20	QPSK	50	50	20.39	20.34	20.36		
20	QPSK	100	0	20.36	20.37	20.34		
20	16QAM	1	0	20.40	20.40	20.45	21.5	1
20	16QAM	1	49	20.59	20.56	20.59		
20	16QAM	1	99	20.72	20.68	20.77		
20	16QAM	50	0	19.28	19.37	19.36	20.5	2
20	16QAM	50	24	19.41	19.49	19.41		
20	16QAM	50	50	19.32	19.26	19.39		
20	16QAM	100	0	19.37	19.43	19.44		
20	64QAM	1	0	19.51	19.55	19.56	20.5	2
20	64QAM	1	49	19.05	19.16	19.12		
20	64QAM	1	99	19.26	19.26	19.32		
20	64QAM	50	0	18.34	18.26	18.37	19.5	3
20	64QAM	50	24	18.34	18.32	18.24		
20	64QAM	50	50	18.27	18.40	18.35		
20	64QAM	100	0	18.31	18.32	18.30		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.37	21.30	21.34	22.5	0
15	QPSK	1	37	21.31	21.35	21.35		
15	QPSK	1	74	20.99	21.02	21.11		
15	QPSK	36	0	20.33	20.44	20.41	21.5	1
15	QPSK	36	20	20.30	20.37	20.34		
15	QPSK	36	39	20.32	20.29	20.27		
15	QPSK	75	0	20.33	20.25	20.30		
15	16QAM	1	0	20.36	20.25	20.31	21.5	1
15	16QAM	1	37	20.57	20.55	20.56		
15	16QAM	1	74	20.62	20.58	20.65		
15	16QAM	36	0	19.20	19.14	19.27	20.5	2
15	16QAM	36	20	19.30	19.28	19.27		
15	16QAM	36	39	19.28	19.21	19.17		
15	16QAM	75	0	19.34	19.35	19.28		
15	64QAM	1	0	19.40	19.41	19.49	20.5	2
15	64QAM	1	37	18.95	19.02	18.95		
15	64QAM	1	74	19.18	19.17	19.21		
15	64QAM	36	0	18.33	18.30	18.29	19.5	3
15	64QAM	36	20	18.19	18.19	18.23		
15	64QAM	36	39	18.25	18.16	18.16		
15	64QAM	75	0	18.18	18.23	18.27		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.31	21.29	21.33	22.5	0
10	QPSK	1	25	21.43	21.36	21.38		
10	QPSK	1	49	21.03	21.07	20.99		
10	QPSK	25	0	20.34	20.41	20.31	21.5	1
10	QPSK	25	12	20.29	20.29	20.36		
10	QPSK	25	25	20.37	20.36	20.35		
10	QPSK	50	0	20.33	20.26	20.31		
10	16QAM	1	0	20.36	20.31	20.28	21.5	1
10	16QAM	1	25	20.56	20.51	20.51		
10	16QAM	1	49	20.61	20.62	20.63		
10	16QAM	25	0	19.18	19.25	19.22	20.5	2
10	16QAM	25	12	19.31	19.28	19.29		
10	16QAM	25	25	19.24	19.29	19.29		
10	16QAM	50	0	19.24	19.28	19.29		
10	64QAM	1	0	19.47	19.44	19.43	20.5	2
10	64QAM	1	25	19.04	18.99	18.95		
10	64QAM	1	49	19.22	19.17	19.23		
10	64QAM	25	0	18.30	18.19	18.29	19.5	3
10	64QAM	25	12	18.21	18.26	18.32		
10	64QAM	25	25	18.24	18.25	18.25		
10	64QAM	50	0	18.29	18.30	18.18		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.35	21.31	21.33	22.5	0
5	QPSK	1	12	21.37	21.42	21.31		
5	QPSK	1	24	21.12	21.03	21.07		
5	QPSK	12	0	20.32	20.44	20.39	21.5	1
5	QPSK	12	7	20.30	20.28	20.37		
5	QPSK	12	13	20.35	20.27	20.38		
5	QPSK	25	0	20.30	20.23	20.21		
5	16QAM	1	0	20.34	20.33	20.29	21.5	1
5	16QAM	1	12	20.57	20.52	20.46		
5	16QAM	1	24	20.69	20.68	20.58		
5	16QAM	12	0	19.13	19.13	19.25	20.5	2
5	16QAM	12	7	19.29	19.40	19.39		
5	16QAM	12	13	19.25	19.30	19.31		
5	16QAM	25	0	19.25	19.22	19.36		
5	64QAM	1	0	19.44	19.41	19.46	20.5	2
5	64QAM	1	12	18.94	18.95	18.98		
5	64QAM	1	24	19.11	19.14	19.14		
5	64QAM	12	0	18.29	18.33	18.22	19.5	3
5	64QAM	12	7	18.23	18.21	18.27		
5	64QAM	12	13	18.14	18.15	18.17		
5	64QAM	25	0	18.29	18.22	18.17		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.28	21.36	21.31	22.5	0
3	QPSK	1	8	21.34	21.35	21.44		
3	QPSK	1	14	20.99	21.12	20.98		
3	QPSK	8	0	20.34	20.33	20.39	21.5	1
3	QPSK	8	4	20.42	20.38	20.33		
3	QPSK	8	7	20.28	20.33	20.34		
3	QPSK	15	0	20.25	20.30	20.25		
3	16QAM	1	0	20.33	20.35	20.39	21.5	1
3	16QAM	1	8	20.53	20.54	20.53		
3	16QAM	1	14	20.66	20.57	20.63		
3	16QAM	8	0	19.26	19.16	19.21	20.5	2
3	16QAM	8	4	19.36	19.37	19.34		
3	16QAM	8	7	19.22	19.25	19.23		
3	16QAM	15	0	19.26	19.28	19.24		
3	64QAM	1	0	19.40	19.45	19.47	20.5	2
3	64QAM	1	8	18.92	18.97	19.01		
3	64QAM	1	14	19.24	19.13	19.22		
3	64QAM	8	0	18.27	18.32	18.19	19.5	3
3	64QAM	8	4	18.22	18.29	18.31		
3	64QAM	8	7	18.17	18.22	18.12		
3	64QAM	15	0	18.18	18.28	18.19		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.43	21.34	21.33	22.5	0
1.4	QPSK	1	3	21.24	21.48	21.35		
1.4	QPSK	1	5	21.30	21.44	21.37		
1.4	QPSK	3	0	21.32	21.41	21.36		
1.4	QPSK	3	1	21.34	21.32	21.38		
1.4	QPSK	3	3	21.36	21.45	21.43		
1.4	QPSK	6	0	20.53	20.61	20.60	21.5	1
1.4	16QAM	1	0	20.67	20.77	20.51	21.5	1
1.4	16QAM	1	3	21.03	20.85	21.06		
1.4	16QAM	1	5	20.42	21.12	21.03		
1.4	16QAM	3	0	20.53	20.62	20.60		
1.4	16QAM	3	1	20.60	20.65	20.35		
1.4	16QAM	3	3	20.36	20.45	20.47		
1.4	16QAM	6	0	19.43	19.68	19.54	20.5	2
1.4	64QAM	1	0	19.30	19.32	19.84	20.5	2
1.4	64QAM	1	3	19.60	19.60	19.53		
1.4	64QAM	1	5	19.68	19.78	19.84		
1.4	64QAM	3	0	19.60	19.73	19.72		
1.4	64QAM	3	1	19.71	19.40	19.68		
1.4	64QAM	3	3	19.49	19.60	19.68		
1.4	64QAM	6	0	18.39	18.56	18.34	19.5	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	22.05	22.25	22.14	24	0
20	QPSK	1	49	22.23	22.38	22.25		
20	QPSK	1	99	22.05	22.09	22.10		
20	QPSK	50	0	21.20	21.33	21.26	23	1
20	QPSK	50	24	21.19	21.28	21.21		
20	QPSK	50	50	21.07	21.20	21.17		
20	QPSK	100	0	21.12	21.26	21.20		
20	16QAM	1	0	21.47	21.69	21.15	23	1
20	16QAM	1	49	21.09	21.37	21.78		
20	16QAM	1	99	21.57	21.63	21.56		
20	16QAM	50	0	20.22	20.35	20.17	22	2
20	16QAM	50	24	20.16	20.23	20.28		
20	16QAM	50	50	20.04	20.25	20.15		
20	16QAM	100	0	20.10	20.19	20.17		
20	64QAM	1	0	20.04	20.46	20.45	22	2
20	64QAM	1	49	20.20	20.26	20.08		
20	64QAM	1	99	20.05	20.29	20.42		
20	64QAM	50	0	19.11	19.27	19.17	21	3
20	64QAM	50	24	19.10	19.26	19.20		
20	64QAM	50	50	19.06	19.24	19.12		
20	64QAM	100	0	19.09	19.19	19.10		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.04	22.21	22.22	24	0
15	QPSK	1	37	22.06	22.32	22.12		
15	QPSK	1	74	22.01	22.03	22.06		
15	QPSK	36	0	21.19	21.43	21.23	23	1
15	QPSK	36	20	21.11	21.35	21.19		
15	QPSK	36	39	21.07	21.12	21.18		
15	QPSK	75	0	21.19	21.19	21.11		
15	16QAM	1	0	21.41	21.63	21.20	23	1
15	16QAM	1	37	21.18	21.28	21.84		
15	16QAM	1	74	21.62	21.66	21.55		
15	16QAM	36	0	20.18	20.33	20.09	22	2
15	16QAM	36	20	20.18	20.20	20.38		
15	16QAM	36	39	20.00	20.18	20.17		
15	16QAM	75	0	20.01	20.22	20.20		
15	64QAM	1	0	20.04	20.54	20.48	22	2
15	64QAM	1	37	20.14	20.34	20.14		
15	64QAM	1	74	20.10	20.37	20.38		
15	64QAM	36	0	19.07	19.35	19.07	21	3
15	64QAM	36	20	19.18	19.21	19.28		
15	64QAM	36	39	19.08	19.29	19.07		
15	64QAM	75	0	19.16	19.22	19.04		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.09	22.33	22.20	24	0
10	QPSK	1	25	22.22	22.30	22.12		
10	QPSK	1	49	22.06	22.12	22.04		
10	QPSK	25	0	21.20	21.39	21.27	23	1
10	QPSK	25	12	21.12	21.33	21.31		
10	QPSK	25	25	21.16	21.12	21.23		
10	QPSK	50	0	21.11	21.34	21.12		
10	16QAM	1	0	21.56	21.67	21.17	23	1
10	16QAM	1	25	21.03	21.40	21.86		
10	16QAM	1	49	21.61	21.67	21.63		
10	16QAM	25	0	20.22	20.31	20.09	22	2
10	16QAM	25	12	20.06	20.27	20.20		
10	16QAM	25	25	20.11	20.15	20.17		
10	16QAM	50	0	20.08	20.22	20.14		
10	64QAM	1	0	20.12	20.46	20.39	22	2
10	64QAM	1	25	20.10	20.28	20.05		
10	64QAM	1	49	20.00	20.28	20.50		
10	64QAM	25	0	19.04	19.36	19.26	21	3
10	64QAM	25	12	19.14	19.21	19.21		
10	64QAM	25	25	19.01	19.28	19.11		
10	64QAM	50	0	19.10	19.23	19.14		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.13	22.17	22.10	24	0
5	QPSK	1	12	22.13	22.24	22.05		
5	QPSK	1	24	22.11	22.19	22.08		
5	QPSK	12	0	21.22	21.28	21.18	23	1
5	QPSK	12	7	21.12	21.19	21.24		
5	QPSK	12	13	21.03	21.21	21.10		
5	QPSK	25	0	21.22	21.31	21.25		
5	16QAM	1	0	21.53	21.69	21.14	23	1
5	16QAM	1	12	21.02	21.45	21.75		
5	16QAM	1	24	21.67	21.61	21.66		
5	16QAM	12	0	20.21	20.44	20.22	22	2
5	16QAM	12	7	20.17	20.19	20.19		
5	16QAM	12	13	20.14	20.35	20.17		
5	16QAM	25	0	20.01	20.22	20.24		
5	64QAM	1	0	20.14	20.38	20.42	22	2
5	64QAM	1	12	20.22	20.20	20.15		
5	64QAM	1	24	20.13	20.34	20.35		
5	64QAM	12	0	19.06	19.35	19.12	21	3
5	64QAM	12	7	19.20	19.16	19.27		
5	64QAM	12	13	19.09	19.14	19.16		
5	64QAM	25	0	19.17	19.18	19.16		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.05	22.31	22.12	24	0
3	QPSK	1	8	22.16	22.26	22.20		
3	QPSK	1	14	22.06	22.09	22.03		
3	QPSK	8	0	21.19	21.41	21.31	23	1
3	QPSK	8	4	21.22	21.32	21.13		
3	QPSK	8	7	21.16	21.23	21.07		
3	QPSK	15	0	21.10	21.34	21.30		
3	16QAM	1	0	21.39	21.69	21.11	23	1
3	16QAM	1	8	21.03	21.32	21.71		
3	16QAM	1	14	21.53	21.62	21.54		
3	16QAM	8	0	20.27	20.33	20.16	22	2
3	16QAM	8	4	20.08	20.22	20.30		
3	16QAM	8	7	20.01	20.27	20.17		
3	16QAM	15	0	20.18	20.25	20.17		
3	64QAM	1	0	20.02	20.44	20.36	22	2
3	64QAM	1	8	20.15	20.19	20.08		
3	64QAM	1	14	20.02	20.36	20.46		
3	64QAM	8	0	19.18	19.34	19.24	21	3
3	64QAM	8	4	19.16	19.18	19.11		
3	64QAM	8	7	19.03	19.15	19.16		
3	64QAM	15	0	19.06	19.15	19.19		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.14	22.17	22.21	24	0
1.4	QPSK	1	3	22.24	22.21	22.13		
1.4	QPSK	1	5	22.12	22.14	22.10		
1.4	QPSK	3	0	22.09	22.24	22.25		
1.4	QPSK	3	1	22.05	22.27	22.25		
1.4	QPSK	3	3	22.01	22.19	22.22		
1.4	QPSK	6	0	21.15	21.25	21.13	23	1
1.4	16QAM	1	0	21.60	21.45	21.75	23	1
1.4	16QAM	1	3	21.28	21.71	21.46		
1.4	16QAM	1	5	21.54	21.20	21.62		
1.4	16QAM	3	0	21.04	21.31	21.06		
1.4	16QAM	3	1	21.04	21.18	21.15		
1.4	16QAM	3	3	21.13	21.20	21.23		
1.4	16QAM	6	0	20.02	20.14	20.18	22	2
1.4	64QAM	1	0	20.34	20.53	20.19	22	2
1.4	64QAM	1	3	20.17	20.02	20.23		
1.4	64QAM	1	5	20.28	20.29	20.47		
1.4	64QAM	3	0	20.26	20.43	20.46		
1.4	64QAM	3	1	20.02	20.31	20.39		
1.4	64QAM	3	3	20.13	20.32	20.34		
1.4	64QAM	6	0	19.05	19.14	19.14	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.99	21.04	20.89	22.5	0
20	QPSK	1	49	21.10	21.17	21.04		
20	QPSK	1	99	20.81	20.90	20.79		
20	QPSK	50	0	20.17	20.18	20.12	21.5	1
20	QPSK	50	24	20.16	20.13	20.06		
20	QPSK	50	50	20.11	20.10	20.02		
20	QPSK	100	0	20.08	20.13	20.10		
20	16QAM	1	0	20.55	20.23	19.97	21.5	1
20	16QAM	1	49	20.54	20.10	20.15		
20	16QAM	1	99	19.99	20.15	20.12		
20	16QAM	50	0	19.07	19.07	19.09	20.5	2
20	16QAM	50	24	19.11	19.10	19.04		
20	16QAM	50	50	19.09	19.13	19.01		
20	16QAM	100	0	19.01	19.07	19.02		
20	64QAM	1	0	19.14	19.06	19.27	20.5	2
20	64QAM	1	49	18.79	19.26	19.27		
20	64QAM	1	99	19.19	18.90	19.01		
20	64QAM	50	0	18.09	18.08	18.06	19.5	3
20	64QAM	50	24	18.09	18.05	18.03		
20	64QAM	50	50	18.07	18.03	18.00		
20	64QAM	100	0	18.04	18.10	17.96		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.95	20.91	20.86	22.5	0
15	QPSK	1	37	21.05	21.12	20.93		
15	QPSK	1	74	20.77	20.85	20.74		
15	QPSK	36	0	20.05	20.10	20.10	21.5	1
15	QPSK	36	20	20.02	20.00	19.91		
15	QPSK	36	39	19.98	20.00	19.90		
15	QPSK	75	0	19.93	20.11	20.07		
15	16QAM	1	0	20.47	20.09	19.89	21.5	1
15	16QAM	1	37	20.45	20.06	20.05		
15	16QAM	1	74	19.94	20.02	20.00		
15	16QAM	36	0	19.03	18.92	19.01	20.5	2
15	16QAM	36	20	19.08	19.05	18.90		
15	16QAM	36	39	19.07	19.02	18.98		
15	16QAM	75	0	18.92	18.99	18.91		
15	64QAM	1	0	19.03	19.01	19.20	20.5	2
15	64QAM	1	37	18.69	19.22	19.14		
15	64QAM	1	74	19.13	18.76	18.91		
15	64QAM	36	0	18.04	17.99	18.04	19.5	3
15	64QAM	36	20	18.03	17.94	17.99		
15	64QAM	36	39	18.04	17.93	17.98		
15	64QAM	75	0	17.94	17.96	17.82		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.84	21.03	20.82	22.5	0
10	QPSK	1	25	21.00	21.09	20.93		
10	QPSK	1	49	20.68	20.88	20.66		
10	QPSK	25	0	20.13	20.15	20.08	21.5	1
10	QPSK	25	12	20.06	20.11	20.03		
10	QPSK	25	25	20.06	19.95	19.95		
10	QPSK	50	0	19.99	19.98	20.02		
10	16QAM	1	0	20.44	20.08	19.85	21.5	1
10	16QAM	1	25	20.44	19.95	20.08		
10	16QAM	1	49	19.94	20.10	20.05		
10	16QAM	25	0	18.94	18.96	18.97	20.5	2
10	16QAM	25	12	18.98	19.08	18.89		
10	16QAM	25	25	19.08	19.12	18.98		
10	16QAM	50	0	18.91	19.02	18.97		
10	64QAM	1	0	19.01	19.05	19.13	20.5	2
10	64QAM	1	25	18.75	19.25	19.17		
10	64QAM	1	49	19.18	18.80	18.87		
10	64QAM	25	0	18.05	17.96	18.00	19.5	3
10	64QAM	25	12	18.08	18.04	17.90		
10	64QAM	25	25	17.96	17.92	17.94		
10	64QAM	50	0	17.91	18.09	17.91		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.84	20.94	20.87	22.5	0
5	QPSK	1	12	20.99	21.06	20.96		
5	QPSK	1	24	20.76	20.86	20.64		
5	QPSK	12	0	20.16	20.10	20.06	21.5	1
5	QPSK	12	7	20.10	20.09	19.98		
5	QPSK	12	13	19.97	19.99	19.87		
5	QPSK	25	0	20.03	20.00	20.02		
5	16QAM	1	0	20.46	20.17	19.94	21.5	1
5	16QAM	1	12	20.41	19.98	20.01		
5	16QAM	1	24	19.87	20.05	19.99		
5	16QAM	12	0	18.95	19.05	19.03	20.5	2
5	16QAM	12	7	19.02	18.95	18.91		
5	16QAM	12	13	19.00	19.06	18.98		
5	16QAM	25	0	18.96	19.05	18.95		
5	64QAM	1	0	19.08	18.92	19.15	20.5	2
5	64QAM	1	12	18.74	19.18	19.15		
5	64QAM	1	24	19.13	18.76	18.90		
5	64QAM	12	0	18.02	18.01	18.03	19.5	3
5	64QAM	12	7	18.01	17.99	18.01		
5	64QAM	12	13	18.00	17.98	17.90		
5	64QAM	25	0	17.91	18.01	17.87		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.95	20.97	20.84	22.5	0
3	QPSK	1	8	21.09	21.06	20.98		
3	QPSK	1	14	20.67	20.76	20.70		
3	QPSK	8	0	20.09	20.06	19.99	21.5	1
3	QPSK	8	4	20.01	20.04	20.03		
3	QPSK	8	7	20.10	19.98	19.87		
3	QPSK	15	0	19.97	20.02	19.95		
3	16QAM	1	0	20.51	20.12	19.84	21.5	1
3	16QAM	1	8	20.48	19.99	20.03		
3	16QAM	1	14	19.95	20.08	20.11		
3	16QAM	8	0	19.00	19.04	18.98	20.5	2
3	16QAM	8	4	19.10	18.99	18.98		
3	16QAM	8	7	19.07	19.03	18.86		
3	16QAM	15	0	18.86	19.01	18.98		
3	64QAM	1	0	19.07	18.92	19.22	20.5	2
3	64QAM	1	8	18.67	19.21	19.21		
3	64QAM	1	14	19.10	18.83	18.92		
3	64QAM	8	0	17.98	18.04	17.94	19.5	3
3	64QAM	8	4	17.99	18.01	17.97		
3	64QAM	8	7	17.93	17.93	17.86		
3	64QAM	15	0	17.89	18.00	17.85		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.83	20.94	20.71	22.5	0
1.4	QPSK	1	3	20.67	20.96	20.88		
1.4	QPSK	1	5	20.86	20.85	20.78		
1.4	QPSK	3	0	20.75	20.82	20.84		
1.4	QPSK	3	1	20.75	20.91	20.77		
1.4	QPSK	3	3	20.86	20.86	20.77		
1.4	QPSK	6	0	19.97	19.99	19.91	21.5	1
1.4	16QAM	1	0	20.50	19.99	20.02	21.5	1
1.4	16QAM	1	3	20.10	20.05	20.44		
1.4	16QAM	1	5	20.36	20.43	20.34		
1.4	16QAM	3	0	19.90	19.91	19.76		
1.4	16QAM	3	1	19.86	19.89	20.00		
1.4	16QAM	3	3	19.77	19.93	19.92		
1.4	16QAM	6	0	18.92	19.11	18.90	20.5	2
1.4	64QAM	1	0	18.90	18.94	19.10	20.5	2
1.4	64QAM	1	3	18.99	18.85	18.59		
1.4	64QAM	1	5	19.00	19.09	19.01		
1.4	64QAM	3	0	18.91	19.07	18.98		
1.4	64QAM	3	1	18.96	19.11	18.74		
1.4	64QAM	3	3	18.89	18.93	19.10		
1.4	64QAM	6	0	17.73	17.83	17.81	19.5	3

Band 4(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.45	21.42	21.33	22.5	0
20	QPSK	1	49	21.56	21.61	21.53		
20	QPSK	1	99	21.34	21.40	21.44		
20	QPSK	50	0	20.43	20.45	20.34	21.5	1
20	QPSK	50	24	20.28	20.33	20.21		
20	QPSK	50	50	20.18	20.18	20.22		
20	QPSK	100	0	20.30	20.34	20.24		
20	16QAM	1	0	20.32	20.31	20.27	21.5	1
20	16QAM	1	49	20.33	20.29	20.19		
20	16QAM	1	99	20.18	20.31	20.31		
20	16QAM	50	0	19.27	19.26	19.29	20.5	2
20	16QAM	50	24	19.28	19.19	19.19		
20	16QAM	50	50	19.41	19.36	19.32		
20	16QAM	100	0	19.39	19.37	19.35		
20	64QAM	1	0	19.35	19.24	19.26	20.5	2
20	64QAM	1	49	19.40	19.30	19.27		
20	64QAM	1	99	19.25	19.33	19.37		
20	64QAM	50	0	18.40	18.27	18.36	19.5	3
20	64QAM	50	24	18.39	18.38	18.36		
20	64QAM	50	50	18.29	18.33	18.34		
20	64QAM	100	0	18.31	18.26	18.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.43	21.31	21.41	22.5	0
15	QPSK	1	37	21.46	21.43	21.55		
15	QPSK	1	74	21.26	21.31	21.24		
15	QPSK	36	0	20.32	20.31	20.34	21.5	1
15	QPSK	36	20	20.14	20.24	20.14		
15	QPSK	36	39	20.17	20.15	20.04		
15	QPSK	75	0	20.16	20.26	20.24		
15	16QAM	1	0	20.27	20.22	20.17	21.5	1
15	16QAM	1	37	20.26	20.18	20.20		
15	16QAM	1	74	20.16	20.05	20.13		
15	16QAM	36	0	19.26	19.23	19.13	20.5	2
15	16QAM	36	20	19.21	19.27	19.19		
15	16QAM	36	39	19.32	19.29	19.34		
15	16QAM	75	0	19.31	19.29	19.36		
15	64QAM	1	0	19.24	19.28	19.33	20.5	2
15	64QAM	1	37	19.25	19.26	19.31		
15	64QAM	1	74	19.15	19.17	19.10		
15	64QAM	36	0	18.36	18.28	18.30	19.5	3
15	64QAM	36	20	18.25	18.38	18.38		
15	64QAM	36	39	18.17	18.25	18.26		
15	64QAM	75	0	18.20	18.29	18.16		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.33	21.37	21.40	22.5	0
10	QPSK	1	25	21.48	21.47	21.48		
10	QPSK	1	49	21.27	21.20	21.23		
10	QPSK	25	0	20.40	20.28	20.28	21.5	1
10	QPSK	25	12	20.20	20.25	20.27		
10	QPSK	25	25	20.15	20.08	20.09		
10	QPSK	50	0	20.25	20.26	20.19		
10	16QAM	1	0	20.17	20.18	20.20	21.5	1
10	16QAM	1	25	20.32	20.19	20.24		
10	16QAM	1	49	20.14	20.11	20.08		
10	16QAM	25	0	19.14	19.22	19.16	20.5	2
10	16QAM	25	12	19.18	19.22	19.13		
10	16QAM	25	25	19.33	19.34	19.27		
10	16QAM	50	0	19.26	19.24	19.30		
10	64QAM	1	0	19.28	19.20	19.29	20.5	2
10	64QAM	1	25	19.37	19.26	19.27		
10	64QAM	1	49	19.14	19.20	19.24		
10	64QAM	25	0	18.39	18.30	18.39	19.5	3
10	64QAM	25	12	18.34	18.38	18.28		
10	64QAM	25	25	18.15	18.26	18.18		
10	64QAM	50	0	18.22	18.20	18.18		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.40	21.44	21.42	22.5	0
5	QPSK	1	12	21.42	21.54	21.47		
5	QPSK	1	24	21.24	21.28	21.22		
5	QPSK	12	0	20.29	20.32	20.30	21.5	1
5	QPSK	12	7	20.16	20.13	20.15		
5	QPSK	12	13	20.15	20.13	20.11		
5	QPSK	25	0	20.19	20.22	20.28		
5	16QAM	1	0	20.17	20.20	20.19	21.5	1
5	16QAM	1	12	20.30	20.30	20.28		
5	16QAM	1	24	20.14	20.08	20.03		
5	16QAM	12	0	19.13	19.21	19.16	20.5	2
5	16QAM	12	7	19.17	19.21	19.19		
5	16QAM	12	13	19.27	19.26	19.38		
5	16QAM	25	0	19.25	19.36	19.34		
5	64QAM	1	0	19.28	19.31	19.29	20.5	2
5	64QAM	1	12	19.35	19.31	19.36		
5	64QAM	1	24	19.13	19.20	19.22		
5	64QAM	12	0	18.30	18.37	18.34	19.5	3
5	64QAM	12	7	18.38	18.34	18.32		
5	64QAM	12	13	18.24	18.21	18.16		
5	64QAM	25	0	18.29	18.28	18.30		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.43	21.30	21.40	22.5	0
3	QPSK	1	8	21.43	21.45	21.44		
3	QPSK	1	14	21.23	21.25	21.32		
3	QPSK	8	0	20.34	20.28	20.35	21.5	1
3	QPSK	8	4	20.18	20.23	20.24		
3	QPSK	8	7	20.03	20.12	20.15		
3	QPSK	15	0	20.29	20.25	20.26		
3	16QAM	1	0	20.30	20.25	20.24	21.5	1
3	16QAM	1	8	20.27	20.25	20.29		
3	16QAM	1	14	20.11	20.16	20.05		
3	16QAM	8	0	19.18	19.22	19.24	20.5	2
3	16QAM	8	4	19.21	19.22	19.22		
3	16QAM	8	7	19.27	19.36	19.36		
3	16QAM	15	0	19.33	19.27	19.34		
3	64QAM	1	0	19.21	19.24	19.22	20.5	2
3	64QAM	1	8	19.33	19.28	19.28		
3	64QAM	1	14	19.21	19.16	19.20		
3	64QAM	8	0	18.33	18.35	18.38	19.5	3
3	64QAM	8	4	18.34	18.35	18.25		
3	64QAM	8	7	18.20	18.28	18.19		
3	64QAM	15	0	18.20	18.22	18.23		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.29	21.34	21.33	22.5	0
1.4	QPSK	1	3	21.38	21.37	21.28		
1.4	QPSK	1	5	21.27	21.14	21.19		
1.4	QPSK	3	0	21.15	21.19	21.21		
1.4	QPSK	3	1	21.32	21.25	21.31		
1.4	QPSK	3	3	21.17	21.21	21.15		
1.4	QPSK	6	0	20.32	20.25	20.27	21.5	1
1.4	16QAM	1	0	20.19	20.30	20.33	21.5	1
1.4	16QAM	1	3	20.26	20.30	20.37		
1.4	16QAM	1	5	20.77	20.77	20.66		
1.4	16QAM	3	0	20.23	20.20	20.14		
1.4	16QAM	3	1	20.23	20.20	20.22		
1.4	16QAM	3	3	20.22	20.13	20.25		
1.4	16QAM	6	0	19.36	19.43	19.31	20.5	2
1.4	64QAM	1	0	19.17	19.24	19.28	20.5	2
1.4	64QAM	1	3	19.09	19.06	19.12		
1.4	64QAM	1	5	19.36	19.42	19.42		
1.4	64QAM	3	0	19.33	19.32	19.39		
1.4	64QAM	3	1	19.42	19.38	19.45		
1.4	64QAM	3	3	19.23	19.15	19.15		
1.4	64QAM	6	0	18.09	18.17	18.16	19.5	3

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	19.06	19.22	19.16	21	0
20	QPSK	1	49	19.25	19.36	19.18		
20	QPSK	1	99	19.00	19.05	19.05		
20	QPSK	50	0	18.45	18.48	18.39	20	1
20	QPSK	50	24	18.40	18.41	18.33		
20	QPSK	50	50	18.32	18.43	18.37		
20	QPSK	100	0	18.43	18.44	18.38		
20	16QAM	1	0	18.79	18.82	18.84	20	1
20	16QAM	1	49	18.75	18.54	18.38		
20	16QAM	1	99	18.79	18.12	18.70		
20	16QAM	50	0	17.36	17.35	17.52	19	2
20	16QAM	50	24	17.24	17.37	17.39		
20	16QAM	50	50	17.30	17.44	17.38		
20	16QAM	100	0	17.33	17.40	17.22		
20	64QAM	1	0	17.57	17.27	17.21	19	2
20	64QAM	1	49	17.31	17.55	17.68		
20	64QAM	1	99	17.29	17.51	17.48		
20	64QAM	50	0	16.23	16.43	16.30	18	3
20	64QAM	50	24	16.40	16.42	16.30		
20	64QAM	50	50	16.29	16.36	16.41		
20	64QAM	100	0	16.30	16.34	16.33		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.07	19.16	19.14	21	0
15	QPSK	1	37	19.11	19.31	19.16		
15	QPSK	1	74	19.05	19.03	19.08		
15	QPSK	36	0	18.39	18.40	18.22	20	1
15	QPSK	36	20	18.35	18.40	18.27		
15	QPSK	36	39	18.19	18.39	18.25		
15	QPSK	75	0	18.33	18.27	18.30		
15	16QAM	1	0	18.64	18.68	18.72	20	1
15	16QAM	1	37	18.65	18.40	18.33		
15	16QAM	1	74	18.75	18.05	18.58		
15	16QAM	36	0	17.29	17.26	17.47	19	2
15	16QAM	36	20	17.13	17.32	17.35		
15	16QAM	36	39	17.15	17.38	17.26		
15	16QAM	75	0	17.19	17.36	17.16		
15	64QAM	1	0	17.46	17.22	17.11	19	2
15	64QAM	1	37	17.17	17.44	17.60		
15	64QAM	1	74	17.21	17.37	17.46		
15	64QAM	36	0	16.18	16.41	16.23	18	3
15	64QAM	36	20	16.29	16.31	16.17		
15	64QAM	36	39	16.23	16.21	16.34		
15	64QAM	75	0	16.26	16.32	16.21		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.00	19.18	19.15	21	0
10	QPSK	1	25	19.19	19.30	19.04		
10	QPSK	1	49	19.07	19.16	19.14		
10	QPSK	25	0	18.34	18.38	18.31	20	1
10	QPSK	25	12	18.35	18.26	18.23		
10	QPSK	25	25	18.25	18.28	18.25		
10	QPSK	50	0	18.32	18.26	18.30		
10	16QAM	1	0	18.78	18.68	18.75	20	1
10	16QAM	1	25	18.64	18.47	18.25		
10	16QAM	1	49	18.70	18.06	18.62		
10	16QAM	25	0	17.22	17.24	17.41	19	2
10	16QAM	25	12	17.13	17.28	17.34		
10	16QAM	25	25	17.29	17.37	17.24		
10	16QAM	50	0	17.24	17.25	17.20		
10	64QAM	1	0	17.42	17.18	17.16	19	2
10	64QAM	1	25	17.24	17.52	17.63		
10	64QAM	1	49	17.19	17.41	17.42		
10	64QAM	25	0	16.13	16.33	16.28	18	3
10	64QAM	25	12	16.28	16.40	16.28		
10	64QAM	25	25	16.17	16.34	16.34		
10	64QAM	50	0	16.18	16.23	16.23		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.05	19.11	19.02	21	0
5	QPSK	1	12	19.14	19.21	19.06		
5	QPSK	1	24	19.19	19.30	19.04		
5	QPSK	12	0	18.42	18.30	18.33	20	1
5	QPSK	12	7	18.34	18.36	18.27		
5	QPSK	12	13	18.19	18.29	18.24		
5	QPSK	25	0	18.41	18.40	18.31		
5	16QAM	1	0	18.67	18.67	18.75	20	1
5	16QAM	1	12	18.70	18.42	18.27		
5	16QAM	1	24	18.66	18.00	18.60		
5	16QAM	12	0	17.33	17.22	17.38	19	2
5	16QAM	12	7	17.23	17.26	17.36		
5	16QAM	12	13	17.28	17.29	17.25		
5	16QAM	25	0	17.24	17.35	17.10		
5	64QAM	1	0	17.53	17.18	17.07	19	2
5	64QAM	1	12	17.24	17.44	17.66		
5	64QAM	1	24	17.15	17.38	17.43		
5	64QAM	12	0	16.21	16.39	16.20	18	3
5	64QAM	12	7	16.31	16.41	16.20		
5	64QAM	12	13	16.24	16.22	16.40		
5	64QAM	25	0	16.25	16.20	16.18		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.01	19.11	19.13	21	0
3	QPSK	1	8	19.14	19.27	19.17		
3	QPSK	1	14	19.19	19.30	19.04		
3	QPSK	8	0	18.43	18.35	18.32	20	1
3	QPSK	8	4	18.35	18.32	18.22		
3	QPSK	8	7	18.26	18.42	18.34		
3	QPSK	15	0	18.28	18.28	18.35		
3	16QAM	1	0	18.76	18.81	18.81	20	1
3	16QAM	1	8	18.62	18.41	18.36		
3	16QAM	1	14	18.69	18.09	18.64		
3	16QAM	8	0	17.34	17.23	17.39	19	2
3	16QAM	8	4	17.10	17.27	17.32		
3	16QAM	8	7	17.29	17.33	17.25		
3	16QAM	15	0	17.26	17.25	17.07		
3	64QAM	1	0	17.46	17.21	17.20	19	2
3	64QAM	1	8	17.19	17.50	17.61		
3	64QAM	1	14	17.16	17.47	17.42		
3	64QAM	8	0	16.12	16.28	16.22	18	3
3	64QAM	8	4	16.34	16.30	16.22		
3	64QAM	8	7	16.18	16.33	16.31		
3	64QAM	15	0	16.23	16.24	16.20		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.19	19.30	19.04	21	0
1.4	QPSK	1	3	19.01	19.11	19.13		
1.4	QPSK	1	5	19.03	19.09	19.11		
1.4	QPSK	3	0	19.05	19.06	19.00		
1.4	QPSK	3	1	19.00	19.11	19.02		
1.4	QPSK	3	3	19.05	19.05	19.06		
1.4	QPSK	6	0	18.13	18.28	18.17	20	1
1.4	16QAM	1	0	18.35	18.57	18.67	20	1
1.4	16QAM	1	3	18.39	18.68	18.22		
1.4	16QAM	1	5	18.66	18.40	18.35		
1.4	16QAM	3	0	18.26	18.32	18.15		
1.4	16QAM	3	1	18.18	18.25	18.24		
1.4	16QAM	3	3	18.02	18.34	18.29		
1.4	16QAM	6	0	17.31	17.20	17.19	19	2
1.4	64QAM	1	0	17.19	17.26	17.48	19	2
1.4	64QAM	1	3	17.20	17.31	17.38		
1.4	64QAM	1	5	17.21	17.50	17.44		
1.4	64QAM	3	0	17.12	17.33	17.37		
1.4	64QAM	3	1	17.21	17.30	17.35		
1.4	64QAM	3	3	17.29	17.07	17.26		
1.4	64QAM	6	0	16.14	16.24	16.13	18	3

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.50	22.52	22.47	24	0
10	QPSK	1	25	22.64	22.68	22.51		
10	QPSK	1	49	22.50	22.48	22.32		
10	QPSK	25	0	21.56	21.60	21.51	23	1
10	QPSK	25	12	21.52	21.56	21.47		
10	QPSK	25	25	21.46	21.51	21.49		
10	QPSK	50	0	21.56	21.59	21.53		
10	16QAM	1	0	21.75	21.59	21.39	23	1
10	16QAM	1	25	21.82	22.12	21.36		
10	16QAM	1	49	21.97	21.83	21.30		
10	16QAM	25	0	20.54	20.55	20.54	22	2
10	16QAM	25	12	20.52	20.58	20.42		
10	16QAM	25	25	20.41	20.54	20.57		
10	16QAM	50	0	20.55	20.58	20.49		
10	64QAM	1	0	20.47	20.87	20.28	22	2
10	64QAM	1	25	20.81	20.76	20.74		
10	64QAM	1	49	20.45	20.85	20.36		
10	64QAM	25	0	19.57	19.46	19.47	21	3
10	64QAM	25	12	19.43	19.58	19.39		
10	64QAM	25	25	19.49	19.53	19.41		
10	64QAM	50	0	19.49	19.51	19.51		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.55	22.47	22.45	24	0
5	QPSK	1	12	22.61	22.64	22.53		
5	QPSK	1	24	22.40	22.53	22.36		
5	QPSK	12	0	21.61	21.54	21.58	23	1
5	QPSK	12	7	21.51	21.57	21.51		
5	QPSK	12	13	21.48	21.57	21.54		
5	QPSK	25	0	21.63	21.65	21.47		
5	16QAM	1	0	21.67	21.66	21.46	23	1
5	16QAM	1	12	21.84	22.09	21.27		
5	16QAM	1	24	21.87	21.93	21.33		
5	16QAM	12	0	20.55	20.55	20.46	22	2
5	16QAM	12	7	20.59	20.61	20.52		
5	16QAM	12	13	20.33	20.61	20.54		
5	16QAM	25	0	20.57	20.52	20.48		
5	64QAM	1	0	20.38	20.84	20.23	22	2
5	64QAM	1	12	20.72	20.69	20.73		
5	64QAM	1	24	20.44	20.95	20.46		
5	64QAM	12	0	19.67	19.37	19.40	21	3
5	64QAM	12	7	19.49	19.53	19.48		
5	64QAM	12	13	19.46	19.53	19.31		
5	64QAM	25	0	19.51	19.43	19.56		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.48	22.51	22.39	24	0
3	QPSK	1	8	22.57	22.48	22.41		
3	QPSK	1	14	22.51	22.52	22.31		
3	QPSK	8	0	21.47	21.62	21.54	23	1
3	QPSK	8	4	21.60	21.65	21.45		
3	QPSK	8	7	21.36	21.53	21.44		
3	QPSK	15	0	21.60	21.55	21.50		
3	16QAM	1	0	21.85	21.53	21.43	23	1
3	16QAM	1	8	21.84	22.13	21.29		
3	16QAM	1	14	21.91	21.89	21.40		
3	16QAM	8	0	20.59	20.49	20.57	22	2
3	16QAM	8	4	20.50	20.68	20.44		
3	16QAM	8	7	20.38	20.44	20.62		
3	16QAM	15	0	20.49	20.50	20.47		
3	64QAM	1	0	20.48	20.80	20.38	22	2
3	64QAM	1	8	20.81	20.85	20.72		
3	64QAM	1	14	20.50	20.80	20.46		
3	64QAM	8	0	19.52	19.53	19.37	21	3
3	64QAM	8	4	19.48	19.60	19.32		
3	64QAM	8	7	19.47	19.59	19.31		
3	64QAM	15	0	19.44	19.44	19.44		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.49	22.37	22.26	24	0
1.4	QPSK	1	3	22.62	22.42	22.22		
1.4	QPSK	1	5	22.46	22.56	22.34		
1.4	QPSK	3	0	22.57	22.45	22.36		
1.4	QPSK	3	1	22.63	22.55	22.34		
1.4	QPSK	3	3	22.63	22.54	22.43		
1.4	QPSK	6	0	21.57	21.55	21.34	23	1
1.4	16QAM	1	0	21.92	21.66	21.47	23	1
1.4	16QAM	1	3	22.17	21.64	21.39		
1.4	16QAM	1	5	21.81	21.66	21.56		
1.4	16QAM	3	0	21.64	21.55	21.40		
1.4	16QAM	3	1	21.64	21.40	21.20		
1.4	16QAM	3	3	21.66	21.50	21.44		
1.4	16QAM	6	0	20.83	20.74	20.41	22	2
1.4	64QAM	1	0	20.62	20.31	20.43	22	2
1.4	64QAM	1	3	20.72	20.74	20.56		
1.4	64QAM	1	5	20.72	20.28	20.36		
1.4	64QAM	3	0	20.80	20.53	20.38		
1.4	64QAM	3	1	20.62	20.51	20.54		
1.4	64QAM	3	3	20.60	20.71	20.61		
1.4	64QAM	6	0	19.51	19.42	19.27	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.14	22.08	22.14	24	0
10	QPSK	1	25	22.28	22.35	22.20		
10	QPSK	1	49	22.24	22.16	22.17		
10	QPSK	25	0	21.20	21.32	21.30	23	1
10	QPSK	25	12	21.22	21.23	21.21		
10	QPSK	25	25	21.20	21.24	21.25		
10	QPSK	50	0	21.27	21.30	21.28		
10	16QAM	1	0	21.23	21.79	21.39	23	1
10	16QAM	1	25	21.36	21.81	21.10		
10	16QAM	1	49	21.48	21.76	21.33		
10	16QAM	25	0	20.24	20.22	20.21	22	2
10	16QAM	25	12	20.25	20.17	20.14		
10	16QAM	25	25	20.13	20.24	20.19		
10	16QAM	50	0	20.14	20.24	20.23		
10	64QAM	1	0	20.15	20.24	20.37	22	2
10	64QAM	1	25	20.49	20.51	20.48		
10	64QAM	1	49	20.41	20.44	20.39		
10	64QAM	25	0	19.15	19.24	19.32	21	3
10	64QAM	25	12	19.16	19.20	19.15		
10	64QAM	25	25	19.26	19.14	19.22		
10	64QAM	50	0	19.17	19.22	19.17		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.19	22.06	22.08	24	0
5	QPSK	1	12	22.20	22.24	22.19		
5	QPSK	1	24	22.24	22.23	22.23		
5	QPSK	12	0	21.29	21.29	21.36	23	1
5	QPSK	12	7	21.24	21.19	21.18		
5	QPSK	12	13	21.27	21.20	21.24		
5	QPSK	25	0	21.26	21.37	21.37		
5	16QAM	1	0	21.19	21.88	21.36	23	1
5	16QAM	1	12	21.46	21.80	21.16		
5	16QAM	1	24	21.40	21.73	21.25		
5	16QAM	12	0	20.27	20.29	20.21	22	2
5	16QAM	12	7	20.34	20.11	20.20		
5	16QAM	12	13	20.21	20.32	20.21		
5	16QAM	25	0	20.24	20.29	20.27		
5	64QAM	1	0	20.24	20.29	20.27	22	2
5	64QAM	1	12	20.42	20.43	20.46		
5	64QAM	1	24	20.47	20.51	20.29		
5	64QAM	12	0	19.11	19.23	19.31	21	3
5	64QAM	12	7	19.09	19.15	19.17		
5	64QAM	12	13	19.32	19.10	19.29		
5	64QAM	25	0	19.10	19.15	19.24		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.19	22.07	22.23	24	0
3	QPSK	1	8	22.17	22.06	22.29		
3	QPSK	1	14	22.14	22.26	22.20		
3	QPSK	8	0	21.17	21.23	21.20	23	1
3	QPSK	8	4	21.29	21.21	21.16		
3	QPSK	8	7	21.11	21.15	21.26		
3	QPSK	15	0	21.31	21.22	21.25		
3	16QAM	1	0	21.14	21.72	21.36	23	1
3	16QAM	1	8	21.42	21.77	21.15		
3	16QAM	1	14	21.45	21.67	21.25		
3	16QAM	8	0	20.18	20.15	20.26	22	2
3	16QAM	8	4	20.24	20.20	20.14		
3	16QAM	8	7	20.13	20.15	20.27		
3	16QAM	15	0	20.11	20.32	20.23		
3	64QAM	1	0	20.17	20.30	20.42	22	2
3	64QAM	1	8	20.43	20.59	20.46		
3	64QAM	1	14	20.37	20.46	20.41		
3	64QAM	8	0	19.18	19.33	19.41	21	3
3	64QAM	8	4	19.08	19.28	19.13		
3	64QAM	8	7	19.32	19.08	19.28		
3	64QAM	15	0	19.14	19.29	19.20		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.09	22.08	22.11	24	0
1.4	QPSK	1	3	22.35	22.12	22.08		
1.4	QPSK	1	5	22.11	22.26	22.34		
1.4	QPSK	3	0	22.26	22.23	22.24		
1.4	QPSK	3	1	22.17	22.20	22.23		
1.4	QPSK	3	3	22.14	22.27	22.31		
1.4	QPSK	6	0	21.26	21.16	21.21	23	1
1.4	16QAM	1	0	21.43	21.55	21.60	23	1
1.4	16QAM	1	3	21.40	21.71	21.18		
1.4	16QAM	1	5	21.82	21.78	21.64		
1.4	16QAM	3	0	21.22	21.06	21.27		
1.4	16QAM	3	1	21.10	21.15	21.20		
1.4	16QAM	3	3	21.25	21.27	21.13		
1.4	16QAM	6	0	20.27	20.35	20.29	22	2
1.4	64QAM	1	0	20.48	20.35	20.50	22	2
1.4	64QAM	1	3	20.47	20.52	20.15		
1.4	64QAM	1	5	20.21	20.23	20.25		
1.4	64QAM	3	0	20.40	20.29	20.37		
1.4	64QAM	3	1	20.38	20.01	20.45		
1.4	64QAM	3	3	20.32	20.19	20.51		
1.4	64QAM	6	0	19.29	19.13	19.16	21	3

Band 7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.83	19.88	19.80	21.5	0
20	QPSK	1	49	20.02	20.06	20.03		
20	QPSK	1	99	19.89	19.93	19.99		
20	QPSK	50	0	19.04	19.11	19.08	20.5	1
20	QPSK	50	24	18.91	19.01	19.04		
20	QPSK	50	50	18.87	19.02	18.99		
20	QPSK	100	0	18.81	18.99	18.97		
20	16QAM	1	0	19.38	19.30	18.75	20.5	1
20	16QAM	1	49	19.03	19.32	19.22		
20	16QAM	1	99	19.39	19.17	19.35		
20	16QAM	50	0	17.81	18.07	18.01	19.5	2
20	16QAM	50	24	17.90	17.93	18.09		
20	16QAM	50	50	17.83	18.09	18.10		
20	16QAM	100	0	17.84	17.99	17.93		
20	64QAM	1	0	17.97	17.86	17.80	19.5	2
20	64QAM	1	49	18.30	18.35	18.08		
20	64QAM	1	99	18.14	17.99	18.06		
20	64QAM	50	0	16.77	17.02	16.85	18.5	3
20	64QAM	50	24	16.92	16.82	16.91		
20	64QAM	50	50	16.84	16.94	17.02		
20	64QAM	100	0	16.80	16.90	16.87		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.78	19.82	19.69	21.5	0
15	QPSK	1	37	20.00	19.92	19.99		
15	QPSK	1	74	19.84	19.88	19.98		
15	QPSK	36	0	18.94	18.90	18.86	20.5	1
15	QPSK	36	20	18.85	18.98	19.01		
15	QPSK	36	39	18.85	18.94	18.92		
15	QPSK	75	0	18.76	18.82	18.90		
15	16QAM	1	0	19.24	19.18	18.66	20.5	1
15	16QAM	1	37	18.94	19.25	19.15		
15	16QAM	1	74	19.34	19.08	19.33		
15	16QAM	36	0	17.74	17.96	18.00	19.5	2
15	16QAM	36	20	17.88	17.83	17.94		
15	16QAM	36	39	17.76	18.04	18.09		
15	16QAM	75	0	17.75	17.97	17.84		
15	64QAM	1	0	17.96	17.78	17.71	19.5	2
15	64QAM	1	37	18.23	18.32	18.01		
15	64QAM	1	74	18.09	17.96	18.01		
15	64QAM	36	0	16.66	17.00	16.76	18.5	3
15	64QAM	36	20	16.86	16.78	16.84		
15	64QAM	36	39	16.77	16.89	16.99		
15	64QAM	75	0	16.73	16.85	16.81		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.77	19.76	19.67	21.5	0
10	QPSK	1	25	19.97	19.91	20.02		
10	QPSK	1	49	19.85	19.89	19.90		
10	QPSK	25	0	18.90	18.86	18.96	20.5	1
10	QPSK	25	12	18.80	18.99	18.96		
10	QPSK	25	25	18.77	18.98	18.93		
10	QPSK	50	0	18.66	18.85	18.89		
10	16QAM	1	0	19.26	19.23	18.64	20.5	1
10	16QAM	1	25	18.95	19.28	19.21		
10	16QAM	1	49	19.34	19.16	19.29		
10	16QAM	25	0	17.79	17.98	17.96	19.5	2
10	16QAM	25	12	17.77	17.79	18.08		
10	16QAM	25	25	17.71	17.97	17.98		
10	16QAM	50	0	17.75	17.91	17.78		
10	64QAM	1	0	17.96	17.71	17.66	19.5	2
10	64QAM	1	25	18.21	18.24	18.06		
10	64QAM	1	49	18.03	17.91	17.99		
10	64QAM	25	0	16.71	16.88	16.83	18.5	3
10	64QAM	25	12	16.86	16.80	16.77		
10	64QAM	25	25	16.80	16.89	16.98		
10	64QAM	50	0	16.65	16.78	16.79		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.71	19.82	19.72	21.5	0
5	QPSK	1	12	19.87	19.94	19.91		
5	QPSK	1	24	19.87	19.82	19.84		
5	QPSK	12	0	19.02	19.00	18.97	20.5	1
5	QPSK	12	7	18.76	18.92	19.02		
5	QPSK	12	13	18.84	19.00	18.88		
5	QPSK	25	0	18.70	18.96	18.95		
5	16QAM	1	0	19.30	19.21	18.66	20.5	1
5	16QAM	1	12	18.91	19.29	19.14		
5	16QAM	1	24	19.36	19.04	19.34		
5	16QAM	12	0	17.70	17.93	17.93	19.5	2
5	16QAM	12	7	17.85	17.88	18.07		
5	16QAM	12	13	17.77	17.94	18.04		
5	16QAM	25	0	17.82	17.94	17.79		
5	64QAM	1	0	17.88	17.71	17.72	19.5	2
5	64QAM	1	12	18.27	18.27	18.02		
5	64QAM	1	24	18.03	17.90	18.01		
5	64QAM	12	0	16.74	16.88	16.79	18.5	3
5	64QAM	12	7	16.79	16.81	16.89		
5	64QAM	12	13	16.77	16.84	16.94		
5	64QAM	25	0	16.70	16.80	16.76		

Band 7(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.25	20.19	20.22	21.5	0
20	QPSK	1	49	20.44	20.51	20.43		
20	QPSK	1	99	20.34	20.23	20.34		
20	QPSK	50	0	19.39	19.45	19.36	20.5	1
20	QPSK	50	24	19.22	19.23	19.26		
20	QPSK	50	50	19.23	19.14	19.19		
20	QPSK	100	0	19.22	19.28	19.27		
20	16QAM	1	0	19.72	19.71	19.73	20.5	1
20	16QAM	1	49	19.40	19.45	19.41		
20	16QAM	1	99	19.72	19.72	19.70		
20	16QAM	50	0	18.19	18.22	18.16	19.5	2
20	16QAM	50	24	18.25	18.29	18.24		
20	16QAM	50	50	18.24	18.20	18.26		
20	16QAM	100	0	18.28	18.26	18.21		
20	64QAM	1	0	18.31	18.28	18.23	19.5	2
20	64QAM	1	49	18.56	18.49	18.53		
20	64QAM	1	99	18.46	18.52	18.52		
20	64QAM	50	0	17.15	17.09	17.19	18.5	3
20	64QAM	50	24	17.18	17.21	17.16		
20	64QAM	50	50	17.19	17.16	17.12		
20	64QAM	100	0	17.07	17.06	17.17		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.15	20.21	20.12	21.5	0
15	QPSK	1	37	20.30	20.29	20.36		
15	QPSK	1	74	20.24	20.27	20.32		
15	QPSK	36	0	19.32	19.28	19.28	20.5	1
15	QPSK	36	20	19.07	19.11	19.12		
15	QPSK	36	39	19.19	19.16	19.17		
15	QPSK	75	0	19.14	19.09	19.17		
15	16QAM	1	0	19.65	19.60	19.71	20.5	1
15	16QAM	1	37	19.34	19.36	19.32		
15	16QAM	1	74	19.65	19.71	19.60		
15	16QAM	36	0	18.14	18.08	18.11	19.5	2
15	16QAM	36	20	18.13	18.22	18.15		
15	16QAM	36	39	18.17	18.23	18.15		
15	16QAM	75	0	18.15	18.16	18.27		
15	64QAM	1	0	18.30	18.25	18.29	19.5	2
15	64QAM	1	37	18.48	18.43	18.41		
15	64QAM	1	74	18.42	18.35	18.45		
15	64QAM	36	0	17.09	17.14	17.04	18.5	3
15	64QAM	36	20	17.04	17.04	17.12		
15	64QAM	36	39	17.14	17.15	17.12		
15	64QAM	75	0	17.05	17.05	16.96		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.23	20.17	20.16	21.5	0
10	QPSK	1	25	20.32	20.33	20.34		
10	QPSK	1	49	20.23	20.21	20.26		
10	QPSK	25	0	19.30	19.24	19.27	20.5	1
10	QPSK	25	12	19.13	19.14	19.21		
10	QPSK	25	25	19.16	19.17	19.21		
10	QPSK	50	0	19.08	19.18	19.10		
10	16QAM	1	0	19.58	19.62	19.70	20.5	1
10	16QAM	1	25	19.30	19.27	19.27		
10	16QAM	1	49	19.66	19.71	19.63		
10	16QAM	25	0	18.11	18.14	18.06	19.5	2
10	16QAM	25	12	18.16	18.12	18.19		
10	16QAM	25	25	18.20	18.22	18.21		
10	16QAM	50	0	18.16	18.21	18.19		
10	64QAM	1	0	18.21	18.26	18.24	19.5	2
10	64QAM	1	25	18.47	18.52	18.55		
10	64QAM	1	49	18.33	18.37	18.39		
10	64QAM	25	0	17.13	17.09	17.07	18.5	3
10	64QAM	25	12	17.07	17.10	17.15		
10	64QAM	25	25	17.11	17.14	17.14		
10	64QAM	50	0	16.96	16.95	17.03		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.12	20.22	20.17	21.5	0
5	QPSK	1	12	20.31	20.30	20.35		
5	QPSK	1	24	20.31	20.20	20.20		
5	QPSK	12	0	19.24	19.38	19.36	20.5	1
5	QPSK	12	7	19.09	19.17	19.13		
5	QPSK	12	13	19.19	19.09	19.13		
5	QPSK	25	0	19.16	19.07	19.15		
5	16QAM	1	0	19.62	19.61	19.70	20.5	1
5	16QAM	1	12	19.36	19.26	19.25		
5	16QAM	1	24	19.64	19.65	19.70		
5	16QAM	12	0	18.05	18.05	18.16	19.5	2
5	16QAM	12	7	18.18	18.21	18.19		
5	16QAM	12	13	18.19	18.21	18.22		
5	16QAM	25	0	18.15	18.17	18.13		
5	64QAM	1	0	18.16	18.19	18.22	19.5	2
5	64QAM	1	12	18.46	18.51	18.48		
5	64QAM	1	24	18.39	18.32	18.36		
5	64QAM	12	0	17.07	17.08	17.08	18.5	3
5	64QAM	12	7	17.17	17.12	17.12		
5	64QAM	12	13	17.13	17.15	17.09		
5	64QAM	25	0	17.00	16.99	17.00		

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	22.13	22.16	22.21	24	0
10	QPSK	1	25	22.23	22.30	22.26		
10	QPSK	1	49	22.17	22.24	22.23		
10	QPSK	25	0	21.26	21.27	21.26	23	1
10	QPSK	25	12	21.25	21.19	21.21		
10	QPSK	25	25	21.24	21.22	21.15		
10	QPSK	50	0	21.22	21.24	21.16		
10	16QAM	1	0	21.40	21.01	21.14	23	1
10	16QAM	1	25	21.52	21.43	21.56		
10	16QAM	1	49	21.41	21.58	21.77		
10	16QAM	25	0	20.19	20.19	20.17	22	2
10	16QAM	25	12	20.28	20.25	20.28		
10	16QAM	25	25	20.38	20.21	20.14		
10	16QAM	50	0	20.20	20.19	20.14		
10	64QAM	1	0	20.22	20.39	20.49	22	2
10	64QAM	1	25	20.33	20.19	20.26		
10	64QAM	1	49	20.47	20.43	20.40		
10	64QAM	25	0	19.16	19.13	19.18	21	3
10	64QAM	25	12	19.13	19.16	19.29		
10	64QAM	25	25	19.28	19.21	19.26		
10	64QAM	50	0	19.11	19.16	19.14		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.17	22.17	22.25	24	0
5	QPSK	1	12	22.22	22.10	22.19		
5	QPSK	1	24	22.12	22.19	22.28		
5	QPSK	12	0	21.32	21.36	21.20	23	1
5	QPSK	12	7	21.20	21.29	21.11		
5	QPSK	12	13	21.19	21.19	21.25		
5	QPSK	25	0	21.23	21.18	21.11		
5	16QAM	1	0	21.34	21.03	21.21	23	1
5	16QAM	1	12	21.46	21.46	21.63		
5	16QAM	1	24	21.44	21.57	21.78		
5	16QAM	12	0	20.26	20.12	20.18	22	2
5	16QAM	12	7	20.18	20.33	20.37		
5	16QAM	12	13	20.30	20.25	20.08		
5	16QAM	25	0	20.21	20.18	20.08		
5	64QAM	1	0	20.15	20.34	20.50	22	2
5	64QAM	1	12	20.31	20.29	20.32		
5	64QAM	1	24	20.39	20.42	20.44		
5	64QAM	12	0	19.07	19.11	19.15	21	3
5	64QAM	12	7	19.15	19.18	19.22		
5	64QAM	12	13	19.35	19.24	19.34		
5	64QAM	25	0	19.06	19.19	19.20		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.13	22.26	22.25	24	0
3	QPSK	1	8	22.21	22.24	22.16		
3	QPSK	1	14	22.11	22.28	22.18		
3	QPSK	8	0	21.25	21.33	21.27	23	1
3	QPSK	8	4	21.16	21.24	21.13		
3	QPSK	8	7	21.30	21.24	21.25		
3	QPSK	15	0	21.24	21.33	21.20		
3	16QAM	1	0	21.37	21.09	21.09	23	1
3	16QAM	1	8	21.55	21.50	21.50		
3	16QAM	1	14	21.44	21.67	21.84		
3	16QAM	8	0	20.11	20.18	20.26	22	2
3	16QAM	8	4	20.31	20.16	20.19		
3	16QAM	8	7	20.34	20.11	20.21		
3	16QAM	15	0	20.21	20.27	20.07		
3	64QAM	1	0	20.24	20.42	20.48	22	2
3	64QAM	1	8	20.35	20.20	20.36		
3	64QAM	1	14	20.38	20.39	20.30		
3	64QAM	8	0	19.14	19.10	19.27	21	3
3	64QAM	8	4	19.22	19.23	19.29		
3	64QAM	8	7	19.22	19.18	19.31		
3	64QAM	15	0	19.09	19.11	19.06		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.26	22.21	22.25	24	0
1.4	QPSK	1	3	22.13	22.27	22.08		
1.4	QPSK	1	5	22.19	22.10	22.26		
1.4	QPSK	3	0	22.17	22.23	22.18		
1.4	QPSK	3	1	22.27	22.27	22.20		
1.4	QPSK	3	3	22.16	22.20	22.25		
1.4	QPSK	6	0	21.25	21.17	21.24	23	1
1.4	16QAM	1	0	21.83	21.70	21.44	23	1
1.4	16QAM	1	3	21.20	21.09	21.87		
1.4	16QAM	1	5	21.87	21.71	21.70		
1.4	16QAM	3	0	21.03	21.09	21.30		
1.4	16QAM	3	1	21.15	21.18	21.08		
1.4	16QAM	3	3	21.29	21.04	21.11		
1.4	16QAM	6	0	20.24	20.21	20.17	22	2
1.4	64QAM	1	0	20.02	20.53	20.50	22	2
1.4	64QAM	1	3	20.65	20.36	20.31		
1.4	64QAM	1	5	20.15	20.42	20.19		
1.4	64QAM	3	0	20.38	20.32	20.19		
1.4	64QAM	3	1	20.18	20.37	20.34		
1.4	64QAM	3	3	20.32	20.26	20.30		
1.4	64QAM	6	0	19.17	19.12	19.17	21	3

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.39		24	0
10	QPSK	1	25		22.63			
10	QPSK	1	49		22.51			
10	QPSK	25	0		21.55		23	1
10	QPSK	25	12		21.46			
10	QPSK	25	25		21.50			
10	QPSK	50	0		21.54			
10	16QAM	1	0		21.32		23	1
10	16QAM	1	25		22.05			
10	16QAM	1	49		21.66			
10	16QAM	25	0		20.47		22	2
10	16QAM	25	12		20.56			
10	16QAM	25	25		20.53			
10	16QAM	50	0		20.51			
10	64QAM	1	0		20.57		22	2
10	64QAM	1	25		20.85			
10	64QAM	1	49		20.54			
10	64QAM	25	0		19.48		21	3
10	64QAM	25	12		19.55			
10	64QAM	25	25		19.47			
10	64QAM	50	0		19.49			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.39	22.56	22.61	24	0
5	QPSK	1	12	22.49	22.44	22.51		
5	QPSK	1	24	22.54	22.60	22.53		
5	QPSK	12	0	21.44	21.44	21.49	23	1
5	QPSK	12	7	21.45	21.47	21.49		
5	QPSK	12	13	21.41	21.43	21.44		
5	QPSK	25	0	21.45	21.47	21.49		
5	16QAM	1	0	22.03	21.46	21.43	23	1
5	16QAM	1	12	21.95	21.87	21.46		
5	16QAM	1	24	21.52	21.96	21.79		
5	16QAM	12	0	20.39	20.35	20.43	22	2
5	16QAM	12	7	20.28	20.45	20.36		
5	16QAM	12	13	20.41	20.32	20.42		
5	16QAM	25	0	20.38	20.53	20.48		
5	64QAM	1	0	20.42	20.42	20.88	22	2
5	64QAM	1	12	20.70	20.50	20.76		
5	64QAM	1	24	20.76	20.61	20.51		
5	64QAM	12	0	19.45	19.45	19.34	21	3
5	64QAM	12	7	19.42	19.42	19.49		
5	64QAM	12	13	19.34	19.35	19.47		
5	64QAM	25	0	19.43	19.47	19.37		

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	22.09	22.05	22.07	24	0
10	QPSK	1	25	22.12	22.23	22.22		
10	QPSK	1	49	22.11	22.15	22.01		
10	QPSK	25	0	21.07	21.11	21.00	23	1
10	QPSK	25	12	21.05	21.00	21.02		
10	QPSK	25	25	21.05	21.04	21.05		
10	QPSK	50	0	21.04	21.09	21.06		
10	16QAM	1	0	21.65	21.21	21.37	23	1
10	16QAM	1	25	21.70	21.17	21.42		
10	16QAM	1	49	21.09	21.39	21.34		
10	16QAM	25	0	20.04	20.01	20.03	22	2
10	16QAM	25	12	20.07	20.05	20.08		
10	16QAM	25	25	20.03	20.03	20.12		
10	16QAM	50	0	20.04	20.02	20.08		
10	64QAM	1	0	20.10	20.39	20.16	22	2
10	64QAM	1	25	20.13	20.18	20.38		
10	64QAM	1	49	20.36	20.45	20.18		
10	64QAM	25	0	19.15	19.11	19.12	21	3
10	64QAM	25	12	19.18	19.13	19.13		
10	64QAM	25	25	19.10	19.09	19.11		
10	64QAM	50	0	19.14	19.16	19.17		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.00	22.05	22.09	24	0
5	QPSK	1	12	22.06	22.09	22.15		
5	QPSK	1	24	22.12	22.14	22.09		
5	QPSK	12	0	21.05	21.05	21.11	23	1
5	QPSK	12	7	21.15	21.01	21.01		
5	QPSK	12	13	21.13	21.08	21.12		
5	QPSK	25	0	21.06	21.00	21.13		
5	16QAM	1	0	21.65	21.12	21.38	23	1
5	16QAM	1	12	21.61	21.23	21.38		
5	16QAM	1	24	21.11	21.30	21.25		
5	16QAM	12	0	20.03	20.00	20.07	22	2
5	16QAM	12	7	20.12	20.09	20.15		
5	16QAM	12	13	20.02	20.11	20.06		
5	16QAM	25	0	20.04	20.09	20.06		
5	64QAM	1	0	20.06	20.29	20.26	22	2
5	64QAM	1	12	20.18	20.24	20.39		
5	64QAM	1	24	20.31	20.47	20.28		
5	64QAM	12	0	19.25	19.11	19.03	21	3
5	64QAM	12	7	19.18	19.16	19.12		
5	64QAM	12	13	19.18	19.13	19.18		
5	64QAM	25	0	19.10	19.22	19.25		

Band 25_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.15	21.22	21.05	22.5	0
20	QPSK	1	49	21.25	21.26	21.24		
20	QPSK	1	99	21.06	20.94	20.90		
20	QPSK	50	14	20.19	20.21	20.16	21.5	1
20	QPSK	50	24	20.07	20.07	20.06		
20	QPSK	50	50	19.98	20.10	19.89		
20	QPSK	100	0	19.97	20.04	19.99		
20	16QAM	1	0	20.10	20.49	20.00	21.5	1
20	16QAM	1	49	20.55	20.70	20.34		
20	16QAM	1	99	20.40	20.46	19.93		
20	16QAM	50	0	19.02	19.20	19.06	20.5	2
20	16QAM	50	24	19.12	19.04	19.24		
20	16QAM	50	50	19.08	18.98	19.01		
20	16QAM	100	0	19.06	18.97	18.95		
20	64QAM	1	0	19.01	19.01	19.42	20.5	2
20	64QAM	1	49	19.29	18.87	18.94		
20	64QAM	1	99	19.15	19.26	18.97		
20	64QAM	50	0	18.01	18.20	17.99	19.5	3
20	64QAM	50	24	17.97	17.98	18.04		
20	64QAM	50	50	18.07	18.06	17.84		
20	64QAM	100	0	18.04	17.89	17.96		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.84	20.78	20.83	22.5	0
15	QPSK	1	37	20.99	21.19	21.01		
15	QPSK	1	74	20.92	20.89	20.81		
15	QPSK	36	0	20.09	20.12	20.10	21.5	1
15	QPSK	36	20	19.97	19.99	20.04		
15	QPSK	36	39	19.90	20.06	19.75		
15	QPSK	75	0	19.88	19.93	19.89		
15	16QAM	1	0	19.98	20.44	19.86	21.5	1
15	16QAM	1	37	20.47	20.55	20.29		
15	16QAM	1	74	20.34	20.38	19.89		
15	16QAM	36	0	19.01	19.06	18.99	20.5	2
15	16QAM	36	20	19.06	18.89	19.18		
15	16QAM	36	39	18.99	18.92	19.00		
15	16QAM	75	0	18.91	18.91	18.80		
15	64QAM	1	0	18.95	18.95	19.28	20.5	2
15	64QAM	1	37	19.25	18.73	18.81		
15	64QAM	1	74	19.00	19.25	18.83		
15	64QAM	36	0	17.96	18.12	17.96	19.5	3
15	64QAM	36	20	17.90	17.97	18.00		
15	64QAM	36	39	18.03	18.03	17.73		
15	64QAM	75	0	17.91	17.83	17.95		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.86	20.88	20.88	22.5	0
10	QPSK	1	25	21.03	21.24	21.02		
10	QPSK	1	49	20.97	20.93	20.78		
10	QPSK	25	0	20.12	20.10	20.11	21.5	1
10	QPSK	25	12	20.04	19.97	20.05		
10	QPSK	25	25	19.97	19.99	19.75		
10	QPSK	50	0	19.89	19.98	19.87		
10	16QAM	1	0	19.97	20.48	19.85	21.5	1
10	16QAM	1	25	20.47	20.62	20.28		
10	16QAM	1	49	20.35	20.35	19.90		
10	16QAM	25	0	19.00	19.14	18.94	20.5	2
10	16QAM	25	12	19.11	18.99	19.20		
10	16QAM	25	25	19.00	18.84	18.87		
10	16QAM	50	0	19.01	18.94	18.88		
10	64QAM	1	0	18.96	18.97	19.30	20.5	2
10	64QAM	1	25	19.23	18.82	18.82		
10	64QAM	1	49	19.10	19.15	18.94		
10	64QAM	25	0	17.93	18.15	17.98	19.5	3
10	64QAM	25	12	17.89	17.91	17.94		
10	64QAM	25	25	17.99	17.94	17.73		
10	64QAM	50	0	17.92	17.83	17.86		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.91	20.83	20.94	22.5	0
5	QPSK	1	12	20.99	21.11	21.07		
5	QPSK	1	24	20.93	20.82	20.75		
5	QPSK	12	0	20.07	20.13	20.09	21.5	1
5	QPSK	12	7	19.99	20.04	19.98		
5	QPSK	12	13	19.84	20.01	19.81		
5	QPSK	25	0	19.92	19.97	19.94		
5	16QAM	1	0	20.03	20.40	19.87	21.5	1
5	16QAM	1	12	20.44	20.59	20.32		
5	16QAM	1	24	20.34	20.37	19.80		
5	16QAM	12	0	19.00	19.08	18.98	20.5	2
5	16QAM	12	7	19.01	18.92	19.17		
5	16QAM	12	13	19.05	18.91	18.98		
5	16QAM	25	0	19.05	18.91	18.94		
5	64QAM	1	0	18.94	18.92	19.37	20.5	2
5	64QAM	1	12	19.16	18.81	18.81		
5	64QAM	1	24	19.07	19.15	18.84		
5	64QAM	12	0	17.90	18.10	17.87	19.5	3
5	64QAM	12	7	17.87	17.97	18.01		
5	64QAM	12	13	17.96	18.03	17.76		
5	64QAM	25	0	17.96	17.83	17.82		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.88	20.82	20.82	22.5	0
3	QPSK	1	8	21.04	21.14	20.95		
3	QPSK	1	14	21.05	20.79	20.86		
3	QPSK	8	0	20.15	20.19	20.14	21.5	1
3	QPSK	8	4	19.93	20.01	19.94		
3	QPSK	8	7	19.94	20.05	19.78		
3	QPSK	15	0	19.90	19.99	19.89		
3	16QAM	1	0	20.06	20.34	19.99	21.5	1
3	16QAM	1	8	20.48	20.65	20.23		
3	16QAM	1	14	20.27	20.45	19.82		
3	16QAM	8	0	18.92	19.12	18.92	20.5	2
3	16QAM	8	4	19.03	18.89	19.17		
3	16QAM	8	7	18.94	18.83	18.93		
3	16QAM	15	0	19.04	18.92	18.93		
3	64QAM	1	0	18.96	18.95	19.31	20.5	2
3	64QAM	1	8	19.20	18.74	18.83		
3	64QAM	1	14	19.14	19.14	18.91		
3	64QAM	8	0	17.89	18.08	17.90	19.5	3
3	64QAM	8	4	17.87	17.94	17.97		
3	64QAM	8	7	17.94	18.02	17.76		
3	64QAM	15	0	17.97	17.78	17.94		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.98	21.02	21.02	22.5	0
1.4	QPSK	1	3	21.05	21.06	20.96		
1.4	QPSK	1	5	20.97	21.10	21.14		
1.4	QPSK	3	0	20.96	21.00	21.14		
1.4	QPSK	3	1	21.00	21.08	21.06		
1.4	QPSK	3	3	21.01	21.09	21.09		
1.4	QPSK	6	0	19.90	20.07	20.02	21.5	1
1.4	16QAM	1	0	20.50	20.21	20.36	21.5	1
1.4	16QAM	1	3	20.00	20.13	20.42		
1.4	16QAM	1	5	20.20	20.61	19.96		
1.4	16QAM	3	0	19.99	20.13	19.94		
1.4	16QAM	3	1	20.06	20.04	20.11		
1.4	16QAM	3	3	20.03	20.06	20.07		
1.4	16QAM	6	0	19.00	19.23	18.98	20.5	2
1.4	64QAM	1	0	19.21	18.87	19.10	20.5	2
1.4	64QAM	1	3	19.14	19.11	19.05		
1.4	64QAM	1	5	19.18	19.19	19.13		
1.4	64QAM	3	0	19.18	19.01	19.07		
1.4	64QAM	3	1	19.22	19.05	19.10		
1.4	64QAM	3	3	19.01	18.81	19.20		
1.4	64QAM	6	0	17.88	17.96	18.00	19.5	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	22.50	22.61	22.35	24	0
15	QPSK	1	37	22.51	22.74	22.45		
15	QPSK	1	74	22.43	22.62	22.39		
15	QPSK	36	0	21.64	21.64	21.49	23	1
15	QPSK	36	20	21.51	21.62	21.39		
15	QPSK	36	39	21.49	21.63	21.42		
15	QPSK	75	0	21.58	21.62	21.45		
15	16QAM	1	0	21.58	21.55	22.00	23	1
15	16QAM	1	37	22.09	21.72	21.56		
15	16QAM	1	74	21.44	22.11	21.82		
15	16QAM	36	0	20.60	20.58	20.49	22	2
15	16QAM	36	20	20.56	20.51	20.47		
15	16QAM	36	39	20.58	20.66	20.39		
15	16QAM	75	0	20.55	20.66	20.40		
15	64QAM	1	0	20.26	20.93	20.46	22	2
15	64QAM	1	37	20.89	20.57	20.68		
15	64QAM	1	74	20.48	20.87	20.63		
15	64QAM	36	0	19.51	19.64	19.54	21	3
15	64QAM	36	20	19.56	19.64	19.37		
15	64QAM	36	39	19.45	19.58	19.43		
15	64QAM	75	0	19.51	19.51	19.46		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.47	22.65	22.38	24	0
10	QPSK	1	25	22.57	22.62	22.39		
10	QPSK	1	49	22.51	22.68	22.33		
10	QPSK	25	0	21.55	21.65	21.52	23	1
10	QPSK	25	12	21.48	21.70	21.34		
10	QPSK	25	25	21.54	21.55	21.46		
10	QPSK	50	0	21.52	21.59	21.38		
10	16QAM	1	0	21.52	21.50	22.02	23	1
10	16QAM	1	25	22.14	21.74	21.59		
10	16QAM	1	49	21.46	22.04	21.81		
10	16QAM	25	0	20.51	20.55	20.52	22	2
10	16QAM	25	12	20.61	20.59	20.56		
10	16QAM	25	25	20.61	20.76	20.47		
10	16QAM	50	0	20.52	20.61	20.35		
10	64QAM	1	0	20.21	20.84	20.55	22	2
10	64QAM	1	25	20.89	20.65	20.60		
10	64QAM	1	49	20.41	20.97	20.73		
10	64QAM	25	0	19.61	19.63	19.45	21	3
10	64QAM	25	12	19.48	19.74	19.38		
10	64QAM	25	25	19.49	19.61	19.45		
10	64QAM	50	0	19.52	19.46	19.51		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.52	22.55	22.40	24	0
5	QPSK	1	12	22.48	22.63	22.40		
5	QPSK	1	24	22.35	22.55	22.47		
5	QPSK	12	0	21.62	21.67	21.57	23	1
5	QPSK	12	7	21.61	21.62	21.34		
5	QPSK	12	13	21.58	21.64	21.32		
5	QPSK	25	0	21.67	21.65	21.45		
5	16QAM	1	0	21.64	21.49	22.09	23	1
5	16QAM	1	12	22.03	21.64	21.64		
5	16QAM	1	24	21.38	22.15	21.81		
5	16QAM	12	0	20.61	20.56	20.56	22	2
5	16QAM	12	7	20.66	20.57	20.39		
5	16QAM	12	13	20.56	20.71	20.33		
5	16QAM	25	0	20.54	20.76	20.44		
5	64QAM	1	0	20.36	20.83	20.41	22	2
5	64QAM	1	12	20.88	20.62	20.72		
5	64QAM	1	24	20.56	20.83	20.59		
5	64QAM	12	0	19.59	19.63	19.49	21	3
5	64QAM	12	7	19.60	19.62	19.46		
5	64QAM	12	13	19.43	19.57	19.52		
5	64QAM	25	0	19.48	19.57	19.44		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.55	22.71	22.30	24	0
3	QPSK	1	8	22.42	22.70	22.49		
3	QPSK	1	14	22.37	22.69	22.47		
3	QPSK	8	0	21.52	21.74	21.52	23	1
3	QPSK	8	4	21.56	21.72	21.32		
3	QPSK	8	7	21.49	21.72	21.34		
3	QPSK	15	0	21.60	21.69	21.35		
3	16QAM	1	0	21.60	21.46	22.09	23	1
3	16QAM	1	8	22.07	21.76	21.61		
3	16QAM	1	14	21.45	22.13	21.72		
3	16QAM	8	0	20.67	20.64	20.39	22	2
3	16QAM	8	4	20.53	20.45	20.38		
3	16QAM	8	7	20.67	20.61	20.35		
3	16QAM	15	0	20.45	20.61	20.36		
3	64QAM	1	0	20.35	20.92	20.54	22	2
3	64QAM	1	8	20.82	20.58	20.70		
3	64QAM	1	14	20.46	20.90	20.53		
3	64QAM	8	0	19.49	19.59	19.49	21	3
3	64QAM	8	4	19.64	19.54	19.39		
3	64QAM	8	7	19.51	19.66	19.43		
3	64QAM	15	0	19.56	19.56	19.55		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.49	22.53	22.18	24	0
1.4	QPSK	1	3	22.65	22.47	22.45		
1.4	QPSK	1	5	22.68	22.42	22.36		
1.4	QPSK	3	0	22.60	22.55	22.46		
1.4	QPSK	3	1	22.67	22.51	22.28		
1.4	QPSK	3	3	22.65	22.43	22.33		
1.4	QPSK	6	0	21.65	21.52	21.30	23	1
1.4	16QAM	1	0	21.56	22.09	21.54	23	1
1.4	16QAM	1	3	21.87	21.74	21.25		
1.4	16QAM	1	5	21.92	22.03	21.64		
1.4	16QAM	3	0	21.68	21.57	21.41		
1.4	16QAM	3	1	21.65	21.54	21.39		
1.4	16QAM	3	3	21.72	21.45	21.38		
1.4	16QAM	6	0	20.70	20.49	20.49	22	2
1.4	64QAM	1	0	20.79	20.75	20.35	22	2
1.4	64QAM	1	3	20.66	20.24	20.62		
1.4	64QAM	1	5	20.68	20.84	20.66		
1.4	64QAM	3	0	20.66	20.69	20.50		
1.4	64QAM	3	1	20.86	20.73	20.52		
1.4	64QAM	3	3	20.69	20.70	20.42		
1.4	64QAM	6	0	19.63	19.61	19.33	21	3

Band 66_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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.99	21.04	20.93	22.5	0
20	QPSK	1	49	21.13	21.30	21.25		
20	QPSK	1	99	21.01	20.84	21.04		
20	QPSK	50	0	20.26	20.30	20.20	21.5	1
20	QPSK	50	24	20.26	20.19	20.16		
20	QPSK	50	50	20.19	20.04	20.03		
20	QPSK	100	0	20.09	20.11	20.02		
20	16QAM	1	0	20.47	20.31	20.43	21.5	1
20	16QAM	1	49	20.44	19.98	19.91		
20	16QAM	1	99	19.90	19.94	20.37		
20	16QAM	50	0	18.98	19.02	19.02	20.5	2
20	16QAM	50	24	19.05	18.90	18.96		
20	16QAM	50	50	18.86	18.98	18.75		
20	16QAM	100	0	18.99	18.90	18.89		
20	64QAM	1	0	19.14	19.13	18.99	20.5	2
20	64QAM	1	49	19.15	19.21	19.22		
20	64QAM	1	99	19.09	18.77	18.99		
20	64QAM	50	0	17.82	17.91	18.02	19.5	3
20	64QAM	50	24	17.86	17.91	17.93		
20	64QAM	50	50	17.88	17.84	17.86		
20	64QAM	100	0	17.85	17.78	17.88		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.73	20.76	20.76	22.5	0
15	QPSK	1	37	20.84	21.13	21.09		
15	QPSK	1	74	20.80	20.68	20.77		
15	QPSK	36	0	20.03	20.06	19.94	21.5	1
15	QPSK	36	20	19.96	19.93	19.90		
15	QPSK	36	39	19.91	19.80	19.74		
15	QPSK	75	0	19.80	19.89	19.86		
15	16QAM	1	0	20.32	20.30	20.42	21.5	1
15	16QAM	1	37	20.34	19.83	19.86		
15	16QAM	1	74	19.89	19.91	20.29		
15	16QAM	36	0	18.86	18.97	18.96	20.5	2
15	16QAM	36	20	18.93	18.83	18.87		
15	16QAM	36	39	18.72	18.97	18.69		
15	16QAM	75	0	18.91	18.89	18.86		
15	64QAM	1	0	19.11	19.05	18.92	20.5	2
15	64QAM	1	37	19.00	19.12	19.12		
15	64QAM	1	74	18.94	18.75	18.91		
15	64QAM	36	0	17.78	17.81	17.94	19.5	3
15	64QAM	36	20	17.75	17.85	17.79		
15	64QAM	36	39	17.78	17.69	17.75		
15	64QAM	75	0	17.70	17.67	17.83		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.69	20.80	20.63	22.5	0
10	QPSK	1	25	20.89	21.15	21.05		
10	QPSK	1	49	20.84	20.54	20.74		
10	QPSK	25	0	20.10	20.08	19.94	21.5	1
10	QPSK	25	12	20.01	19.89	19.87		
10	QPSK	25	25	19.96	19.80	19.85		
10	QPSK	50	0	19.86	19.82	19.81		
10	16QAM	1	0	20.39	20.22	20.42	21.5	1
10	16QAM	1	25	20.30	19.92	19.85		
10	16QAM	1	49	19.76	19.87	20.22		
10	16QAM	25	0	18.87	18.91	19.00	20.5	2
10	16QAM	25	12	19.03	18.82	18.88		
10	16QAM	25	25	18.75	18.85	18.71		
10	16QAM	50	0	18.95	18.89	18.82		
10	64QAM	1	0	19.10	19.07	18.96	20.5	2
10	64QAM	1	25	19.03	19.13	19.17		
10	64QAM	1	49	19.01	18.62	18.88		
10	64QAM	25	0	17.79	17.83	17.90	19.5	3
10	64QAM	25	12	17.72	17.78	17.89		
10	64QAM	25	25	17.86	17.74	17.80		
10	64QAM	50	0	17.71	17.71	17.74		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.75	20.76	20.75	22.5	0
5	QPSK	1	12	20.84	21.19	20.96		
5	QPSK	1	24	20.76	20.67	20.77		
5	QPSK	12	0	19.98	20.05	19.91	21.5	1
5	QPSK	12	7	19.97	19.94	19.90		
5	QPSK	12	13	20.00	19.76	19.87		
5	QPSK	25	0	19.84	19.88	19.86		
5	16QAM	1	0	20.35	20.27	20.35	21.5	1
5	16QAM	1	12	20.33	19.97	19.80		
5	16QAM	1	24	19.79	19.89	20.32		
5	16QAM	12	0	18.94	18.92	18.98	20.5	2
5	16QAM	12	7	18.96	18.78	18.93		
5	16QAM	12	13	18.85	18.93	18.64		
5	16QAM	25	0	18.88	18.87	18.74		
5	64QAM	1	0	19.03	19.04	18.96	20.5	2
5	64QAM	1	12	19.00	19.07	19.17		
5	64QAM	1	24	19.03	18.62	18.95		
5	64QAM	12	0	17.78	17.87	17.95	19.5	3
5	64QAM	12	7	17.75	17.85	17.92		
5	64QAM	12	13	17.79	17.76	17.74		
5	64QAM	25	0	17.78	17.68	17.74		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.79	20.78	20.67	22.5	0
3	QPSK	1	8	20.92	21.11	21.02		
3	QPSK	1	14	20.73	20.60	20.77		
3	QPSK	8	0	20.06	20.04	20.02	21.5	1
3	QPSK	8	4	20.02	19.89	19.86		
3	QPSK	8	7	19.95	19.75	19.81		
3	QPSK	15	0	19.85	19.84	19.76		
3	16QAM	1	0	20.36	20.27	20.30	21.5	1
3	16QAM	1	8	20.32	19.89	19.88		
3	16QAM	1	14	19.75	19.92	20.36		
3	16QAM	8	0	18.92	19.00	18.92	20.5	2
3	16QAM	8	4	19.01	18.75	18.86		
3	16QAM	8	7	18.82	18.96	18.72		
3	16QAM	15	0	18.95	18.84	18.76		
3	64QAM	1	0	19.10	19.11	18.85	20.5	2
3	64QAM	1	8	19.06	19.09	19.07		
3	64QAM	1	14	18.95	18.67	18.97		
3	64QAM	8	0	17.70	17.89	17.97	19.5	3
3	64QAM	8	4	17.71	17.86	17.92		
3	64QAM	8	7	17.73	17.72	17.76		
3	64QAM	15	0	17.81	17.69	17.75		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.85	20.89	20.91	22.5	0
1.4	QPSK	1	3	20.80	21.07	20.98		
1.4	QPSK	1	5	20.87	20.86	20.79		
1.4	QPSK	3	0	20.89	21.01	20.94		
1.4	QPSK	3	1	20.91	21.04	20.88		
1.4	QPSK	3	3	20.93	20.97	20.89		
1.4	QPSK	6	0	19.86	19.95	19.84	21.5	1
1.4	16QAM	1	0	20.17	20.34	20.39	21.5	1
1.4	16QAM	1	3	20.06	19.88	20.12		
1.4	16QAM	1	5	19.82	20.39	20.03		
1.4	16QAM	3	0	19.91	19.93	19.87		
1.4	16QAM	3	1	19.96	20.03	19.96		
1.4	16QAM	3	3	19.79	20.00	19.87		
1.4	16QAM	6	0	18.83	18.90	18.81	20.5	2
1.4	64QAM	1	0	19.06	19.20	19.18	20.5	2
1.4	64QAM	1	3	18.60	19.03	18.99		
1.4	64QAM	1	5	19.22	19.05	18.87		
1.4	64QAM	3	0	18.84	19.00	19.03		
1.4	64QAM	3	1	18.61	19.22	18.97		
1.4	64QAM	3	3	18.95	18.94	18.92		
1.4	64QAM	6	0	17.91	17.91	17.78	19.5	3

Band 66(Other PA)_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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.39	21.47	21.41	22.5	0
20	QPSK	1	49	21.62	21.63	21.57		
20	QPSK	1	99	21.47	21.57	21.57		
20	QPSK	50	0	20.55	20.60	20.53	21.5	1
20	QPSK	50	24	20.40	20.44	20.45		
20	QPSK	50	50	20.33	20.34	20.40		
20	QPSK	100	0	20.40	20.48	20.47		
20	16QAM	1	0	20.33	20.36	20.38	21.5	1
20	16QAM	1	49	20.48	20.40	20.51		
20	16QAM	1	99	20.50	20.51	20.52		
20	16QAM	50	0	19.53	19.50	19.49	20.5	2
20	16QAM	50	24	19.46	19.41	19.46		
20	16QAM	50	50	19.38	19.34	19.48		
20	16QAM	100	0	19.53	19.56	19.43		
20	64QAM	1	0	19.46	19.52	19.46	20.5	2
20	64QAM	1	49	19.54	19.42	19.43		
20	64QAM	1	99	19.55	19.55	19.44		
20	64QAM	50	0	18.51	18.57	18.59	19.5	3
20	64QAM	50	24	18.45	18.54	18.48		
20	64QAM	50	50	18.42	18.41	18.44		
20	64QAM	100	0	18.50	18.45	18.45		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.30	21.30	21.27	22.5	0
15	QPSK	1	37	21.43	21.55	21.46		
15	QPSK	1	74	21.53	21.43	21.42		
15	QPSK	36	0	20.47	20.41	20.39	21.5	1
15	QPSK	36	20	20.31	20.36	20.31		
15	QPSK	36	39	20.30	20.27	20.25		
15	QPSK	75	0	20.42	20.35	20.40		
15	16QAM	1	0	20.30	20.23	20.23	21.5	1
15	16QAM	1	37	20.47	20.40	20.48		
15	16QAM	1	74	20.51	20.38	20.51		
15	16QAM	36	0	19.48	19.38	19.42	20.5	2
15	16QAM	36	20	19.39	19.44	19.31		
15	16QAM	36	39	19.38	19.47	19.33		
15	16QAM	75	0	19.38	19.38	19.33		
15	64QAM	1	0	19.41	19.38	19.41	20.5	2
15	64QAM	1	37	19.38	19.39	19.31		
15	64QAM	1	74	19.37	19.39	19.42		
15	64QAM	36	0	18.47	18.51	18.44	19.5	3
15	64QAM	36	20	18.38	18.34	18.35		
15	64QAM	36	39	18.39	18.34	18.40		
15	64QAM	75	0	18.32	18.43	18.39		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.38	21.35	21.35	22.5	0
10	QPSK	1	25	21.42	21.48	21.53		
10	QPSK	1	49	21.50	21.54	21.51		
10	QPSK	25	0	20.40	20.47	20.38	21.5	1
10	QPSK	25	12	20.35	20.36	20.31		
10	QPSK	25	25	20.26	20.32	20.25		
10	QPSK	50	0	20.40	20.34	20.35		
10	16QAM	1	0	20.25	20.24	20.35	21.5	1
10	16QAM	1	25	20.37	20.46	20.41		
10	16QAM	1	49	20.44	20.50	20.50		
10	16QAM	25	0	19.35	19.43	19.35	20.5	2
10	16QAM	25	12	19.37	19.42	19.38		
10	16QAM	25	25	19.36	19.41	19.35		
10	16QAM	50	0	19.35	19.37	19.28		
10	64QAM	1	0	19.35	19.43	19.34	20.5	2
10	64QAM	1	25	19.28	19.42	19.29		
10	64QAM	1	49	19.36	19.38	19.32		
10	64QAM	25	0	18.53	18.48	18.51	19.5	3
10	64QAM	25	12	18.39	18.42	18.42		
10	64QAM	25	25	18.30	18.31	18.43		
10	64QAM	50	0	18.31	18.36	18.32		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.27	21.35	21.40	22.5	0
5	QPSK	1	12	21.42	21.55	21.55		
5	QPSK	1	24	21.45	21.43	21.42		
5	QPSK	12	0	20.51	20.47	20.43	21.5	1
5	QPSK	12	7	20.37	20.33	20.30		
5	QPSK	12	13	20.30	20.28	20.37		
5	QPSK	25	0	20.36	20.44	20.37		
5	16QAM	1	0	20.33	20.27	20.24	21.5	1
5	16QAM	1	12	20.46	20.38	20.47		
5	16QAM	1	24	20.43	20.44	20.38		
5	16QAM	12	0	19.47	19.39	19.45	20.5	2
5	16QAM	12	7	19.37	19.44	19.39		
5	16QAM	12	13	19.36	19.45	19.46		
5	16QAM	25	0	19.32	19.33	19.29		
5	64QAM	1	0	19.45	19.36	19.37	20.5	2
5	64QAM	1	12	19.40	19.34	19.37		
5	64QAM	1	24	19.39	19.29	19.39		
5	64QAM	12	0	18.47	18.53	18.46	19.5	3
5	64QAM	12	7	18.36	18.44	18.45		
5	64QAM	12	13	18.32	18.32	18.43		
5	64QAM	25	0	18.44	18.43	18.41		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.27	21.30	21.30	22.5	0
3	QPSK	1	8	21.43	21.55	21.53		
3	QPSK	1	14	21.49	21.56	21.46		
3	QPSK	8	0	20.48	20.51	20.45	21.5	1
3	QPSK	8	4	20.40	20.33	20.31		
3	QPSK	8	7	20.28	20.39	20.27		
3	QPSK	15	0	20.38	20.41	20.41		
3	16QAM	1	0	20.31	20.30	20.27	21.5	1
3	16QAM	1	8	20.36	20.45	20.46		
3	16QAM	1	14	20.47	20.39	20.46		
3	16QAM	8	0	19.35	19.41	19.36	20.5	2
3	16QAM	8	4	19.41	19.38	19.39		
3	16QAM	8	7	19.43	19.39	19.41		
3	16QAM	15	0	19.30	19.36	19.42		
3	64QAM	1	0	19.35	19.35	19.41	20.5	2
3	64QAM	1	8	19.40	19.34	19.37		
3	64QAM	1	14	19.33	19.32	19.29		
3	64QAM	8	0	18.56	18.54	18.50	19.5	3
3	64QAM	8	4	18.45	18.41	18.34		
3	64QAM	8	7	18.41	18.42	18.38		
3	64QAM	15	0	18.36	18.40	18.42		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.22	21.25	21.32	22.5	0
1.4	QPSK	1	3	21.13	21.42	21.36		
1.4	QPSK	1	5	21.24	21.24	21.20		
1.4	QPSK	3	0	21.25	21.35	21.32		
1.4	QPSK	3	1	21.26	21.43	21.29		
1.4	QPSK	3	3	21.30	21.31	21.25		
1.4	QPSK	6	0	20.17	20.28	20.19	21.5	1
1.4	16QAM	1	0	20.55	20.73	20.76	21.5	1
1.4	16QAM	1	3	20.39	20.21	20.47		
1.4	16QAM	1	5	20.20	20.71	20.37		
1.4	16QAM	3	0	20.26	20.30	20.21		
1.4	16QAM	3	1	20.30	20.37	20.34		
1.4	16QAM	3	3	20.13	20.34	20.19		
1.4	16QAM	6	0	19.17	19.25	19.16	20.5	2
1.4	64QAM	1	0	19.42	19.56	19.52	20.5	2
1.4	64QAM	1	3	18.88	19.33	19.29		
1.4	64QAM	1	5	19.53	19.40	19.18		
1.4	64QAM	3	0	19.14	19.36	19.37		
1.4	64QAM	3	1	18.91	19.55	19.28		
1.4	64QAM	3	3	19.27	19.28	19.28		
1.4	64QAM	6	0	18.23	18.21	18.08	19.5	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	19.19	19.25	19.35	21	0
20	QPSK	1	49	19.23	19.39	19.37		
20	QPSK	1	99	19.09	19.20	19.13		
20	QPSK	50	0	18.33	18.45	18.40	20	1
20	QPSK	50	24	18.27	18.33	18.38		
20	QPSK	50	50	18.31	18.33	18.31		
20	QPSK	100	0	18.28	18.31	18.29		
20	16QAM	1	0	18.44	18.57	18.38	20	1
20	16QAM	1	49	18.37	18.80	18.35		
20	16QAM	1	99	18.66	18.63	18.36		
20	16QAM	50	0	17.22	17.35	17.31	19	2
20	16QAM	50	24	17.39	17.44	17.33		
20	16QAM	50	50	17.33	17.35	17.37		
20	16QAM	100	0	17.27	17.26	17.21		
20	64QAM	1	0	17.13	17.32	17.51	19	2
20	64QAM	1	49	17.32	17.44	17.42		
20	64QAM	1	99	17.37	17.52	17.51		
20	64QAM	50	0	16.23	16.33	16.44	18	3
20	64QAM	50	24	16.28	16.40	16.27		
20	64QAM	50	50	16.31	16.30	16.22		
20	64QAM	100	0	16.22	16.18	16.15		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.15	19.11	19.34	21	0
15	QPSK	1	37	19.16	19.34	19.33		
15	QPSK	1	74	19.07	19.09	19.05		
15	QPSK	36	0	18.19	18.41	18.27	20	1
15	QPSK	36	20	18.22	18.32	18.25		
15	QPSK	36	39	18.24	18.20	18.26		
15	QPSK	75	0	18.19	18.21	18.18		
15	16QAM	1	0	18.41	18.45	18.29	20	1
15	16QAM	1	37	18.25	18.68	18.24		
15	16QAM	1	74	18.62	18.53	18.21		
15	16QAM	36	0	17.16	17.24	17.16	19	2
15	16QAM	36	20	17.37	17.34	17.25		
15	16QAM	36	39	17.32	17.22	17.35		
15	16QAM	75	0	17.12	17.23	17.11		
15	64QAM	1	0	17.09	17.17	17.42	19	2
15	64QAM	1	37	17.31	17.39	17.41		
15	64QAM	1	74	17.35	17.46	17.48		
15	64QAM	36	0	16.20	16.23	16.35	18	3
15	64QAM	36	20	16.25	16.27	16.19		
15	64QAM	36	39	16.20	16.27	16.08		
15	64QAM	75	0	16.10	16.15	16.00		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.06	19.17	19.24	21	0
10	QPSK	1	25	19.11	19.34	19.30		
10	QPSK	1	49	19.02	19.17	19.05		
10	QPSK	25	0	18.31	18.44	18.30	20	1
10	QPSK	25	12	18.21	18.20	18.24		
10	QPSK	25	25	18.19	18.28	18.24		
10	QPSK	50	0	18.23	18.29	18.16		
10	16QAM	1	0	18.36	18.44	18.33	20	1
10	16QAM	1	25	18.24	18.66	18.25		
10	16QAM	1	49	18.63	18.54	18.31		
10	16QAM	25	0	17.13	17.24	17.18	19	2
10	16QAM	25	12	17.25	17.33	17.23		
10	16QAM	25	25	17.25	17.21	17.32		
10	16QAM	50	0	17.21	17.24	17.19		
10	64QAM	1	0	17.25	17.31	17.45	19	2
10	64QAM	1	25	17.30	17.36	17.29		
10	64QAM	1	49	17.26	17.43	17.45		
10	64QAM	25	0	16.15	16.19	16.43	18	3
10	64QAM	25	12	16.15	16.34	16.19		
10	64QAM	25	25	16.30	16.20	16.15		
10	64QAM	50	0	16.15	16.13	16.13		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.15	19.21	19.30	21	0
5	QPSK	1	12	19.20	19.33	19.35		
5	QPSK	1	24	19.01	19.16	19.12		
5	QPSK	12	0	18.31	18.33	18.26	20	1
5	QPSK	12	7	18.12	18.20	18.34		
5	QPSK	12	13	18.19	18.21	18.25		
5	QPSK	25	0	18.18	18.21	18.18		
5	16QAM	1	0	18.36	18.44	18.32	20	1
5	16QAM	1	12	18.28	18.78	18.28		
5	16QAM	1	24	18.51	18.62	18.27		
5	16QAM	12	0	17.15	17.33	17.22	19	2
5	16QAM	12	7	17.30	17.41	17.19		
5	16QAM	12	13	17.31	17.34	17.30		
5	16QAM	25	0	17.24	17.12	17.16		
5	64QAM	1	0	17.06	17.29	17.48	19	2
5	64QAM	1	12	17.21	17.29	17.40		
5	64QAM	1	24	17.22	17.41	17.44		
5	64QAM	12	0	16.15	16.23	16.32	18	3
5	64QAM	12	7	16.21	16.32	16.12		
5	64QAM	12	13	16.16	16.22	16.07		
5	64QAM	25	0	16.09	16.14	16.14		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.16	19.15	19.28	21	0
3	QPSK	1	8	19.16	19.29	19.31		
3	QPSK	1	14	19.05	19.13	19.09		
3	QPSK	8	0	18.32	18.41	18.35	20	1
3	QPSK	8	4	18.14	18.26	18.33		
3	QPSK	8	7	18.22	18.23	18.21		
3	QPSK	15	0	18.22	18.18	18.25		
3	16QAM	1	0	18.36	18.42	18.35	20	1
3	16QAM	1	8	18.25	18.76	18.34		
3	16QAM	1	14	18.58	18.60	18.35		
3	16QAM	8	0	17.14	17.30	17.30	19	2
3	16QAM	8	4	17.31	17.34	17.22		
3	16QAM	8	7	17.18	17.25	17.22		
3	16QAM	15	0	17.26	17.14	17.14		
3	64QAM	1	0	17.07	17.21	17.42	19	2
3	64QAM	1	8	17.24	17.37	17.35		
3	64QAM	1	14	17.28	17.47	17.46		
3	64QAM	8	0	16.14	16.32	16.43	18	3
3	64QAM	8	4	16.13	16.38	16.25		
3	64QAM	8	7	16.16	16.24	16.19		
3	64QAM	15	0	16.15	16.09	16.02		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.16	19.36	19.24	21	0
1.4	QPSK	1	3	19.26	19.35	19.22		
1.4	QPSK	1	5	19.16	19.32	19.32		
1.4	QPSK	3	0	19.21	19.29	19.23		
1.4	QPSK	3	1	19.12	19.32	19.18		
1.4	QPSK	3	3	19.21	19.33	19.24		
1.4	QPSK	6	0	18.19	18.32	18.21	20	1
1.4	16QAM	1	0	18.71	18.51	18.41	20	1
1.4	16QAM	1	3	18.79	18.80	18.80		
1.4	16QAM	1	5	18.43	18.82	18.78		
1.4	16QAM	3	0	18.22	18.19	18.23		
1.4	16QAM	3	1	18.06	18.26	18.13		
1.4	16QAM	3	3	18.12	18.25	18.25		
1.4	16QAM	6	0	17.25	17.41	17.23	19	2
1.4	64QAM	1	0	17.22	17.06	17.48	19	2
1.4	64QAM	1	3	17.38	17.60	17.43		
1.4	64QAM	1	5	17.28	17.40	17.41		
1.4	64QAM	3	0	17.37	17.34	17.31		
1.4	64QAM	3	1	17.39	17.38	17.38		
1.4	64QAM	3	3	17.26	17.06	17.35		
1.4	64QAM	6	0	16.03	16.24	16.27	18	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	21.42	21.46	21.52	23	0
20	QPSK	1	49	21.62	21.69	21.67		
20	QPSK	1	99	21.61	21.60	21.58		
20	QPSK	50	0	20.80	20.86	20.79	22	1
20	QPSK	50	24	20.78	20.76	20.72		
20	QPSK	50	50	20.76	20.78	20.78		
20	QPSK	100	0	20.78	20.83	20.75		
20	16QAM	1	0	20.66	20.74	20.84	22	1
20	16QAM	1	49	20.91	20.94	20.99		
20	16QAM	1	99	20.90	20.87	20.88		
20	16QAM	50	0	19.75	19.74	19.78	21	2
20	16QAM	50	24	19.85	19.82	19.83		
20	16QAM	50	50	19.80	19.81	19.82		
20	16QAM	100	0	19.76	19.71	19.77		
20	64QAM	1	0	19.38	19.40	19.44	21	2
20	64QAM	1	49	19.58	19.53	19.61		
20	64QAM	1	99	19.52	19.53	19.53		
20	64QAM	50	0	18.75	18.71	18.78	20	3
20	64QAM	50	24	18.81	18.80	18.80		
20	64QAM	50	50	18.75	18.77	18.77		
20	64QAM	100	0	18.72	18.71	18.79		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.48	21.44	21.52	23	0
15	QPSK	1	37	21.48	21.56	21.64		
15	QPSK	1	74	21.52	21.48	21.64		
15	QPSK	36	0	20.85	20.83	20.83	22	1
15	QPSK	36	20	20.76	20.70	20.64		
15	QPSK	36	39	20.79	20.71	20.79		
15	QPSK	75	0	20.71	20.80	20.80		
15	16QAM	1	0	20.61	20.65	20.93	22	1
15	16QAM	1	37	20.93	20.94	20.89		
15	16QAM	1	74	20.85	20.94	20.96		
15	16QAM	36	0	19.73	19.72	19.80	21	2
15	16QAM	36	20	19.81	19.85	19.93		
15	16QAM	36	39	19.87	19.71	19.86		
15	16QAM	75	0	19.78	19.81	19.67		
15	64QAM	1	0	19.36	19.41	19.43	21	2
15	64QAM	1	37	19.63	19.61	19.68		
15	64QAM	1	74	19.55	19.51	19.48		
15	64QAM	36	0	18.75	18.66	18.69	20	3
15	64QAM	36	20	18.87	18.81	18.71		
15	64QAM	36	39	18.84	18.67	18.68		
15	64QAM	75	0	18.68	18.73	18.83		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.35	21.56	21.61	23	0
10	QPSK	1	25	21.48	21.55	21.63		
10	QPSK	1	49	21.44	21.53	21.66		
10	QPSK	25	0	20.75	20.93	20.88	22	1
10	QPSK	25	12	20.69	20.83	20.79		
10	QPSK	25	25	20.70	20.72	20.68		
10	QPSK	50	0	20.86	20.75	20.71		
10	16QAM	1	0	20.71	20.67	20.84	22	1
10	16QAM	1	25	20.89	21.02	21.08		
10	16QAM	1	49	20.90	20.89	20.94		
10	16QAM	25	0	19.83	19.66	19.74	21	2
10	16QAM	25	12	19.90	19.80	19.81		
10	16QAM	25	25	19.73	19.91	19.89		
10	16QAM	50	0	19.74	19.65	19.78		
10	64QAM	1	0	19.30	19.31	19.47	21	2
10	64QAM	1	25	19.61	19.61	19.59		
10	64QAM	1	49	19.58	19.46	19.50		
10	64QAM	25	0	18.74	18.61	18.75	20	3
10	64QAM	25	12	18.83	18.80	18.73		
10	64QAM	25	25	18.81	18.77	18.73		
10	64QAM	50	0	18.64	18.67	18.87		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.35	21.41	21.46	23	0
5	QPSK	1	12	21.60	21.55	21.64		
5	QPSK	1	24	21.55	21.47	21.67		
5	QPSK	12	0	20.74	20.76	20.73	22	1
5	QPSK	12	7	20.83	20.78	20.63		
5	QPSK	12	13	20.83	20.75	20.70		
5	QPSK	25	0	20.70	20.74	20.78		
5	16QAM	1	0	20.62	20.83	20.75	22	1
5	16QAM	1	12	20.99	20.98	21.02		
5	16QAM	1	24	20.90	20.93	20.96		
5	16QAM	12	0	19.76	19.76	19.87	21	2
5	16QAM	12	7	19.91	19.87	19.87		
5	16QAM	12	13	19.79	19.76	19.86		
5	16QAM	25	0	19.71	19.66	19.72		
5	64QAM	1	0	19.43	19.42	19.34	21	2
5	64QAM	1	12	19.65	19.51	19.62		
5	64QAM	1	24	19.51	19.46	19.49		
5	64QAM	12	0	18.68	18.65	18.79	20	3
5	64QAM	12	7	18.71	18.77	18.89		
5	64QAM	12	13	18.81	18.85	18.79		
5	64QAM	25	0	18.68	18.72	18.71		

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BW [MHz]	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	21.72	21.76	21.69	23	0
20	QPSK	1	49	22.04	22.06	22.00		
20	QPSK	1	99	21.93	21.90	21.92		
20	QPSK	50	0	21.21	21.23	21.19	22	1
20	QPSK	50	24	21.20	21.21	21.12		
20	QPSK	50	50	21.11	21.14	21.10		
20	QPSK	100	0	21.12	21.22	21.19		
20	16QAM	1	0	20.99	21.02	21.04	22	1
20	16QAM	1	49	21.35	21.33	21.33		
20	16QAM	1	99	21.26	21.18	21.24		
20	16QAM	50	0	20.09	20.04	19.99	21	2
20	16QAM	50	24	20.09	20.14	20.12		
20	16QAM	50	50	20.23	20.24	20.21		
20	16QAM	100	0	20.21	20.20	20.09		
20	64QAM	1	0	19.71	19.67	19.72	21	2
20	64QAM	1	49	19.88	19.88	19.87		
20	64QAM	1	99	19.90	19.83	19.81		
20	64QAM	50	0	19.03	19.13	19.05	20	3
20	64QAM	50	24	19.16	19.12	19.15		
20	64QAM	50	50	19.01	19.02	19.12		
20	64QAM	100	0	19.07	19.09	19.05		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.69	21.62	21.62	23	0
15	QPSK	1	37	21.99	21.90	22.02		
15	QPSK	1	74	21.80	21.91	21.83		
15	QPSK	36	0	21.06	21.16	21.16	22	1
15	QPSK	36	20	21.14	21.11	21.07		
15	QPSK	36	39	21.01	20.96	20.96		
15	QPSK	75	0	21.00	21.06	21.03		
15	16QAM	1	0	20.93	20.92	20.91	22	1
15	16QAM	1	37	21.25	21.22	21.22		
15	16QAM	1	74	21.19	21.12	21.20		
15	16QAM	36	0	20.06	20.00	20.01	21	2
15	16QAM	36	20	20.08	20.08	20.07		
15	16QAM	36	39	20.08	20.09	20.13		
15	16QAM	75	0	20.10	20.08	20.15		
15	64QAM	1	0	19.56	19.56	19.60	21	2
15	64QAM	1	37	19.86	19.80	19.74		
15	64QAM	1	74	19.76	19.81	19.75		
15	64QAM	36	0	18.94	18.95	19.01	20	3
15	64QAM	36	20	19.09	19.07	19.02		
15	64QAM	36	39	18.95	18.98	18.98		
15	64QAM	75	0	18.93	19.04	18.99		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.59	21.66	21.68	23	0
10	QPSK	1	25	21.97	21.99	21.96		
10	QPSK	1	49	21.83	21.82	21.86		
10	QPSK	25	0	21.06	21.12	21.10	22	1
10	QPSK	25	12	21.18	21.15	21.19		
10	QPSK	25	25	21.09	21.03	21.02		
10	QPSK	50	0	21.04	21.00	20.98		
10	16QAM	1	0	20.92	20.95	20.96	22	1
10	16QAM	1	25	21.22	21.20	21.28		
10	16QAM	1	49	21.17	21.22	21.20		
10	16QAM	25	0	20.04	19.95	20.02	21	2
10	16QAM	25	12	19.95	20.02	19.96		
10	16QAM	25	25	20.19	20.11	20.20		
10	16QAM	50	0	20.11	20.13	20.06		
10	64QAM	1	0	19.62	19.63	19.69	21	2
10	64QAM	1	25	19.80	19.78	19.77		
10	64QAM	1	49	19.77	19.78	19.75		
10	64QAM	25	0	18.88	18.90	18.89	20	3
10	64QAM	25	12	19.08	19.02	19.13		
10	64QAM	25	25	18.87	18.88	18.86		
10	64QAM	50	0	19.02	19.00	18.92		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.70	21.64	21.60	23	0
5	QPSK	1	12	22.01	22.03	21.90		
5	QPSK	1	24	21.89	21.83	21.89		
5	QPSK	12	0	21.16	21.20	21.08	22	1
5	QPSK	12	7	21.05	21.16	21.06		
5	QPSK	12	13	21.09	20.97	20.99		
5	QPSK	25	0	21.07	21.04	20.97		
5	16QAM	1	0	20.87	20.94	20.90	22	1
5	16QAM	1	12	21.21	21.29	21.30		
5	16QAM	1	24	21.19	21.17	21.22		
5	16QAM	12	0	19.99	20.06	20.01	21	2
5	16QAM	12	7	19.96	19.98	19.99		
5	16QAM	12	13	20.11	20.14	20.14		
5	16QAM	25	0	20.09	20.12	20.19		
5	64QAM	1	0	19.57	19.64	19.68	21	2
5	64QAM	1	12	19.76	19.80	19.82		
5	64QAM	1	24	19.80	19.79	19.81		
5	64QAM	12	0	18.88	18.96	18.90	20	3
5	64QAM	12	7	19.13	19.02	19.08		
5	64QAM	12	13	18.94	18.98	18.90		
5	64QAM	25	0	19.03	19.01	19.01		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.35	21.35	21.42	21.47	21.48	23	0
20	QPSK	1	49	21.45	21.61	21.74	21.64	21.70		
20	QPSK	1	99	21.37	21.50	21.57	21.52	21.63		
20	QPSK	50	0	20.50	20.56	20.88	20.82	20.86	22	1
20	QPSK	50	24	20.39	20.54	20.76	20.79	20.83		
20	QPSK	50	50	20.48	20.53	20.78	20.73	20.85		
20	QPSK	100	0	20.44	20.56	20.87	20.77	20.85		
20	16QAM	1	0	20.42	20.43	20.71	20.75	20.70	22	1
20	16QAM	1	49	20.50	20.60	20.92	20.88	20.88		
20	16QAM	1	99	20.43	20.63	20.79	20.78	20.80		
20	16QAM	50	0	19.61	19.73	19.80	19.80	19.81	21	2
20	16QAM	50	24	19.67	19.74	19.81	19.80	19.84		
20	16QAM	50	50	19.65	19.71	19.83	19.76	19.86		
20	16QAM	100	0	19.62	19.72	19.80	19.80	19.87		
20	64QAM	1	0	19.28	19.29	19.38	19.40	19.43	21	2
20	64QAM	1	49	19.39	19.44	19.60	19.50	19.58		
20	64QAM	1	99	19.29	19.41	19.51	19.44	19.48		
20	64QAM	50	0	18.58	18.72	18.74	18.77	18.74	20	3
20	64QAM	50	24	18.56	18.74	18.77	18.77	18.78		
20	64QAM	50	50	18.62	18.70	18.77	18.72	18.80		
20	64QAM	100	0	18.59	18.63	18.77	18.75	18.79		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.32	21.32	21.32	21.43	21.38	23	0
15	QPSK	1	37	21.35	21.45	21.73	21.54	21.63		
15	QPSK	1	74	21.43	21.32	21.55	21.48	21.58		
15	QPSK	36	0	20.51	20.65	20.95	20.85	20.79	22	1
15	QPSK	36	20	20.47	20.45	20.73	20.86	20.92		
15	QPSK	36	39	20.57	20.50	20.78	20.71	20.92		
15	QPSK	75	0	20.46	20.66	20.97	20.67	20.77		
15	16QAM	1	0	20.42	20.36	20.76	20.83	20.64	22	1
15	16QAM	1	37	20.51	20.66	20.98	20.97	20.85		
15	16QAM	1	74	20.46	20.73	20.80	20.74	20.74		
15	16QAM	36	0	19.53	19.69	19.73	19.71	19.80	21	2
15	16QAM	36	20	19.71	19.80	19.89	19.84	19.75		
15	16QAM	36	39	19.59	19.74	19.83	19.79	19.94		
15	16QAM	75	0	19.72	19.72	19.72	19.77	19.83		
15	64QAM	1	0	19.30	19.38	19.44	19.33	19.35	21	2
15	64QAM	1	37	19.34	19.38	19.65	19.53	19.52		
15	64QAM	1	74	19.38	19.46	19.44	19.35	19.51		
15	64QAM	36	0	18.57	18.68	18.74	18.67	18.77	20	3
15	64QAM	36	20	18.49	18.83	18.76	18.71	18.83		
15	64QAM	36	39	18.60	18.63	18.87	18.65	18.70		
15	64QAM	75	0	18.58	18.67	18.67	18.74	18.70		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.44	21.32	21.48	21.39	21.54	23	0
10	QPSK	1	25	21.40	21.39	21.73	21.57	21.72		
10	QPSK	1	49	21.43	21.40	21.58	21.50	21.55		
10	QPSK	25	0	20.53	20.53	20.95	20.78	20.76	22	1
10	QPSK	25	12	20.47	20.50	20.67	20.78	20.74		
10	QPSK	25	25	20.42	20.59	20.84	20.74	20.85		
10	QPSK	50	0	20.53	20.62	20.85	20.80	20.95		
10	16QAM	1	0	20.36	20.40	20.64	20.84	20.80	22	1
10	16QAM	1	25	20.44	20.50	20.92	20.92	20.80		
10	16QAM	1	49	20.51	20.61	20.75	20.77	20.89		
10	16QAM	25	0	19.71	19.83	19.70	19.75	19.83	21	2
10	16QAM	25	12	19.58	19.82	19.84	19.78	19.93		
10	16QAM	25	25	19.62	19.63	19.82	19.84	19.88		
10	16QAM	50	0	19.65	19.80	19.77	19.79	19.84		
10	64QAM	1	0	19.28	19.23	19.31	19.43	19.46	21	2
10	64QAM	1	25	19.47	19.38	19.55	19.49	19.58		
10	64QAM	1	49	19.37	19.46	19.54	19.38	19.38		
10	64QAM	25	0	18.68	18.82	18.71	18.82	18.80	20	3
10	64QAM	25	12	18.57	18.83	18.69	18.78	18.84		
10	64QAM	25	25	18.52	18.64	18.71	18.72	18.70		
10	64QAM	50	0	18.66	18.56	18.81	18.76	18.81		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.25	21.38	21.46	21.50	21.48	23	0
5	QPSK	1	12	21.41	21.31	21.64	21.58	21.63		
5	QPSK	1	24	21.30	21.39	21.53	21.43	21.68		
5	QPSK	12	0	20.58	20.61	20.92	20.76	20.94	22	1
5	QPSK	12	7	20.49	20.53	20.84	20.89	20.92		
5	QPSK	12	13	20.56	20.49	20.84	20.63	20.94		
5	QPSK	25	0	20.45	20.56	20.97	20.79	20.79		
5	16QAM	1	0	20.51	20.34	20.75	20.76	20.80	22	1
5	16QAM	1	12	20.42	20.55	20.83	20.82	20.86		
5	16QAM	1	24	20.53	20.60	20.69	20.84	20.71		
5	16QAM	12	0	19.70	19.76	19.90	19.88	19.85	21	2
5	16QAM	12	7	19.60	19.80	19.73	19.88	19.94		
5	16QAM	12	13	19.68	19.69	19.77	19.81	19.85		
5	16QAM	25	0	19.61	19.66	19.72	19.80	19.83		
5	64QAM	1	0	19.18	19.26	19.35	19.44	19.36	21	2
5	64QAM	1	12	19.36	19.34	19.66	19.49	19.62		
5	64QAM	1	24	19.24	19.48	19.61	19.51	19.51		
5	64QAM	12	0	18.67	18.79	18.71	18.71	18.75	20	3
5	64QAM	12	7	18.61	18.79	18.71	18.86	18.85		
5	64QAM	12	13	18.68	18.66	18.87	18.82	18.71		
5	64QAM	25	0	18.59	18.58	18.68	18.69	18.71		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.71	21.77	21.78	21.79	21.78	23	0
20	QPSK	1	49	21.84	21.85	21.95	21.87	21.83		
20	QPSK	1	99	21.72	21.80	21.83	21.77	21.78		
20	QPSK	50	0	20.86	20.88	20.93	20.84	20.83	22	1
20	QPSK	50	24	20.75	20.85	20.76	20.78	20.81		
20	QPSK	50	50	20.85	20.87	20.84	20.77	20.75		
20	QPSK	100	0	20.78	20.79	20.81	20.71	20.71		
20	16QAM	1	0	20.82	20.79	20.76	20.76	20.77	22	1
20	16QAM	1	49	20.99	21.10	20.99	21.09	21.09		
20	16QAM	1	99	20.96	20.87	20.96	20.97	20.98		
20	16QAM	50	0	19.91	19.98	20.00	19.92	19.92	21	2
20	16QAM	50	24	20.12	20.14	20.05	20.01	20.05		
20	16QAM	50	50	20.04	20.00	20.04	19.96	20.01		
20	16QAM	100	0	19.94	19.85	19.93	19.86	19.94		
20	64QAM	1	0	19.67	19.67	19.68	19.67	19.63	21	2
20	64QAM	1	49	19.84	19.73	19.78	19.77	19.84		
20	64QAM	1	99	19.70	19.71	19.65	19.70	19.72		
20	64QAM	50	0	18.86	18.79	18.86	18.85	18.86	20	3
20	64QAM	50	24	18.98	18.91	18.91	18.86	18.97		
20	64QAM	50	50	18.83	18.96	18.82	18.89	18.94		
20	64QAM	100	0	18.81	18.91	18.88	18.86	18.88		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.63	21.65	21.66	21.59	21.63	23	0
15	QPSK	1	37	21.83	21.75	21.84	21.78	21.89		
15	QPSK	1	74	21.70	21.71	21.64	21.57	21.65		
15	QPSK	36	0	20.82	20.84	20.90	20.88	20.85	22	1
15	QPSK	36	20	20.78	20.78	20.70	20.81	20.72		
15	QPSK	36	39	20.69	20.82	20.72	20.73	20.81		
15	QPSK	75	0	20.74	20.63	20.64	20.72	20.65		
15	16QAM	1	0	20.79	20.74	20.86	20.84	20.78	22	1
15	16QAM	1	37	20.84	20.98	20.84	20.97	20.84		
15	16QAM	1	74	20.86	20.75	20.86	20.80	20.82		
15	16QAM	36	0	19.78	19.90	19.79	19.87	19.78	21	2
15	16QAM	36	20	19.89	19.93	19.98	19.98	19.91		
15	16QAM	36	39	19.94	20.02	19.98	19.96	19.99		
15	16QAM	75	0	19.79	19.80	19.78	19.86	19.79		
15	64QAM	1	0	19.53	19.53	19.64	19.59	19.57	21	2
15	64QAM	1	37	19.69	19.59	19.69	19.65	19.61		
15	64QAM	1	74	19.51	19.55	19.45	19.52	19.44		
15	64QAM	36	0	18.70	18.74	18.79	18.83	18.69	20	3
15	64QAM	36	20	18.88	18.84	18.79	18.85	18.91		
15	64QAM	36	39	18.76	18.76	18.77	18.83	18.79		
15	64QAM	75	0	18.86	18.90	18.85	18.90	18.89		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.63	21.65	21.68	21.69	21.62	23	0
10	QPSK	1	25	21.89	21.79	21.80	21.88	21.75		
10	QPSK	1	49	21.70	21.63	21.61	21.71	21.67		
10	QPSK	25	0	20.90	20.91	20.82	20.83	20.77	22	1
10	QPSK	25	12	20.74	20.80	20.80	20.70	20.69		
10	QPSK	25	25	20.79	20.69	20.82	20.80	20.77		
10	QPSK	50	0	20.71	20.74	20.64	20.77	20.65		
10	16QAM	1	0	20.77	20.79	20.72	20.76	20.84	22	1
10	16QAM	1	25	20.85	20.87	20.95	20.85	20.93		
10	16QAM	1	49	20.83	20.78	20.76	20.75	20.74		
10	16QAM	25	0	19.81	19.83	19.81	19.82	19.91	21	2
10	16QAM	25	12	19.93	19.95	19.88	19.92	19.97		
10	16QAM	25	25	19.90	19.95	19.97	20.01	19.94		
10	16QAM	50	0	19.92	19.79	19.83	19.88	19.85		
10	64QAM	1	0	19.54	19.53	19.51	19.52	19.58	21	2
10	64QAM	1	25	19.60	19.63	19.70	19.61	19.68		
10	64QAM	1	49	19.52	19.52	19.50	19.51	19.51		
10	64QAM	25	0	18.80	18.81	18.77	18.81	18.72	20	3
10	64QAM	25	12	18.85	18.88	18.86	18.91	18.85		
10	64QAM	25	25	18.72	18.81	18.85	18.85	18.80		
10	64QAM	50	0	18.86	18.87	18.87	18.90	18.89		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.60	21.60	21.71	21.60	21.66	23	0
5	QPSK	1	12	21.88	21.80	21.89	21.75	21.76		
5	QPSK	1	24	21.67	21.66	21.59	21.63	21.67		
5	QPSK	12	0	20.85	20.88	20.84	20.84	20.84	22	1
5	QPSK	12	7	20.83	20.82	20.71	20.79	20.73		
5	QPSK	12	13	20.82	20.77	20.79	20.82	20.82		
5	QPSK	25	0	20.70	20.76	20.68	20.70	20.75		
5	16QAM	1	0	20.84	20.74	20.85	20.72	20.82	22	1
5	16QAM	1	12	20.91	20.96	20.86	20.98	20.89		
5	16QAM	1	24	20.86	20.78	20.81	20.76	20.76		
5	16QAM	12	0	19.82	19.85	19.88	19.83	19.81	21	2
5	16QAM	12	7	20.01	19.95	19.90	19.89	19.92		
5	16QAM	12	13	19.88	20.02	19.88	19.94	19.88		
5	16QAM	25	0	19.84	19.83	19.83	19.88	19.91		
5	64QAM	1	0	19.56	19.55	19.62	19.64	19.60	21	2
5	64QAM	1	12	19.66	19.70	19.61	19.71	19.66		
5	64QAM	1	24	19.47	19.54	19.58	19.44	19.56		
5	64QAM	12	0	18.72	18.81	18.77	18.83	18.72	20	3
5	64QAM	12	7	18.82	18.82	18.78	18.90	18.77		
5	64QAM	12	13	18.73	18.80	18.75	18.76	18.85		
5	64QAM	25	0	18.89	18.89	18.84	18.87	18.90		

Part 27Q_Band 42_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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.50	20.54	20.41	21.5	0
20	QPSK	1	49	20.71	20.60	20.54		
20	QPSK	1	99	20.36	20.43	20.22		
20	QPSK	50	0	19.71	19.69	19.55	20.5	1
20	QPSK	50	24	19.60	19.65	19.46		
20	QPSK	50	50	19.56	19.49	19.50		
20	QPSK	100	0	19.64	19.56	19.53		
20	16QAM	1	0	19.57	19.56	19.52	20.5	1
20	16QAM	1	49	19.60	19.61	19.44		
20	16QAM	1	99	19.37	19.44	19.27		
20	16QAM	50	0	18.55	18.72	18.57	19.5	2
20	16QAM	50	24	18.59	18.60	18.45		
20	16QAM	50	50	18.47	18.51	18.43		
20	16QAM	100	0	18.62	18.62	18.38		
20	64QAM	1	0	18.29	18.29	18.24	19.5	2
20	64QAM	1	49	18.44	18.36	18.26		
20	64QAM	1	99	18.07	18.18	18.02		
20	64QAM	50	0	17.52	17.60	17.41	18.5	3
20	64QAM	50	24	17.52	17.57	17.49		
20	64QAM	50	50	17.56	17.51	17.34		
20	64QAM	100	0	17.52	17.52	17.42		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.37	20.46	20.32	21.5	0
15	QPSK	1	37	20.63	20.53	20.46		
15	QPSK	1	74	20.21	20.28	20.21		
15	QPSK	36	0	19.62	19.63	19.51	20.5	1
15	QPSK	36	20	19.55	19.64	19.44		
15	QPSK	36	39	19.54	19.38	19.46		
15	QPSK	75	0	19.54	19.42	19.45		
15	16QAM	1	0	19.45	19.43	19.39	20.5	1
15	16QAM	1	37	19.48	19.60	19.43		
15	16QAM	1	74	19.22	19.38	19.23		
15	16QAM	36	0	18.43	18.60	18.55	19.5	2
15	16QAM	36	20	18.47	18.56	18.41		
15	16QAM	36	39	18.37	18.41	18.33		
15	16QAM	75	0	18.56	18.53	18.37		
15	64QAM	1	0	18.16	18.17	18.18	19.5	2
15	64QAM	1	37	18.43	18.32	18.23		
15	64QAM	1	74	17.96	18.12	17.95		
15	64QAM	36	0	17.44	17.59	17.35	18.5	3
15	64QAM	36	20	17.43	17.48	17.43		
15	64QAM	36	39	17.42	17.47	17.20		
15	64QAM	75	0	17.37	17.51	17.35		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.41	20.40	20.31	21.5	0
10	QPSK	1	25	20.58	20.49	20.46		
10	QPSK	1	49	20.24	20.35	20.10		
10	QPSK	25	0	19.68	19.65	19.41	20.5	1
10	QPSK	25	12	19.51	19.63	19.37		
10	QPSK	25	25	19.42	19.39	19.44		
10	QPSK	50	0	19.56	19.54	19.44		
10	16QAM	1	0	19.50	19.48	19.42	20.5	1
10	16QAM	1	25	19.54	19.48	19.31		
10	16QAM	1	49	19.32	19.41	19.18		
10	16QAM	25	0	18.46	18.71	18.54	19.5	2
10	16QAM	25	12	18.52	18.57	18.37		
10	16QAM	25	25	18.46	18.46	18.34		
10	16QAM	50	0	18.58	18.48	18.23		
10	64QAM	1	0	18.26	18.16	18.14	19.5	2
10	64QAM	1	25	18.39	18.34	18.18		
10	64QAM	1	49	17.97	18.13	17.89		
10	64QAM	25	0	17.40	17.55	17.30	18.5	3
10	64QAM	25	12	17.38	17.46	17.43		
10	64QAM	25	25	17.44	17.37	17.24		
10	64QAM	50	0	17.39	17.49	17.30		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.38	20.42	20.29	21.5	0
5	QPSK	1	12	20.69	20.54	20.42		
5	QPSK	1	24	20.22	20.33	20.11		
5	QPSK	12	0	19.60	19.67	19.52	20.5	1
5	QPSK	12	7	19.52	19.64	19.42		
5	QPSK	12	13	19.43	19.44	19.43		
5	QPSK	25	0	19.59	19.44	19.51		
5	16QAM	1	0	19.44	19.50	19.38	20.5	1
5	16QAM	1	12	19.48	19.46	19.30		
5	16QAM	1	24	19.26	19.42	19.24		
5	16QAM	12	0	18.49	18.62	18.56	19.5	2
5	16QAM	12	7	18.50	18.45	18.44		
5	16QAM	12	13	18.42	18.44	18.30		
5	16QAM	25	0	18.49	18.61	18.33		
5	64QAM	1	0	18.17	18.20	18.15	19.5	2
5	64QAM	1	12	18.43	18.27	18.16		
5	64QAM	1	24	18.04	18.08	17.89		
5	64QAM	12	0	17.51	17.45	17.35	18.5	3
5	64QAM	12	7	17.45	17.46	17.37		
5	64QAM	12	13	17.51	17.44	17.26		
5	64QAM	25	0	17.42	17.41	17.32		

Reduced Power Mode for Hotspot On

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	30.85	30.87	30.66	**32.50**	21.85	21.87	21.66	23.50
GPRS 1 Tx slot	30.80	30.86	30.66	**32.50**	21.80	21.86	21.66	23.50
GPRS 2 Tx slots	30.26	30.35	30.04	**32.00**	24.26	24.35	24.04	26.00
GPRS 3 Tx slots	28.75	28.75	28.52	**30.50**	24.49	24.49	24.26	26.24
GPRS 4 Tx slots	27.61	27.63	27.58	**29.50**	24.61	24.63	24.58	26.50
EDGE 1 Tx slot	24.72	25.29	24.79	**26.50**	15.72	16.29	15.79	17.50
EDGE 2 Tx slots	23.21	23.29	23.26	**24.50**	17.21	17.29	17.26	18.50
EDGE 3 Tx slots	20.75	21.03	20.99	**22.50**	16.49	16.77	16.73	18.24
EDGE 4 Tx slots	19.56	19.46	19.48	**21.00**	16.56	16.46	16.48	18.00

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	25.43	25.31	25.21	**27.00**	16.43	16.31	16.21	18.00
GPRS 1 Tx slot	25.52	25.45	25.28	**27.00**	16.52	16.45	16.28	18.00
GPRS 2 Tx slots	24.89	24.69	24.62	**26.50**	18.89	18.69	18.62	20.50
GPRS 3 Tx slots	23.18	23.08	23.10	**25.00**	18.92	18.82	18.84	20.74
GPRS 4 Tx slots	22.10	22.12	22.09	**24.00**	19.10	19.12	19.09	21.00
EDGE 1 Tx slot	21.76	21.36	21.16	**23.00**	12.76	12.36	12.16	14.00
EDGE 2 Tx slots	20.53	20.22	20.05	**22.00**	14.53	14.22	14.05	16.00
EDGE 3 Tx slots	18.07	18.10	18.08	**20.00**	13.81	13.84	13.82	15.74
EDGE 4 Tx slots	16.73	16.88	16.54	**18.50**	13.73	13.88	13.54	15.50

Band		WCDMA II_Ant 1			Tune-up Limit (dBm)	WCDMA IV_Ant 1			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	18.05	18.11	18.02	**19.50**	18.41	18.47	18.42	**20.00**	22.52	22.58	22.49	**24.00**
3GPP Rel 99	RMC 12.2Kbps	18.11	18.13	18.10	**19.50**	18.45	18.52	18.47	**20.00**	22.56	22.61	22.50	**24.00**
3GPP Rel 6	HSDPA Subtest-1	17.16	17.07	17.19	**18.50**	17.18	17.25	17.16	**19.00**	21.48	21.62	21.47	**23.00**
3GPP Rel 6	HSDPA Subtest-2	17.12	17.03	17.16	**18.50**	17.22	17.20	17.21	**19.00**	21.47	21.60	21.47	**23.00**
3GPP Rel 6	HSDPA Subtest-3	16.66	16.63	16.63	**18.00**	16.78	16.68	16.71	**18.50**	21.01	21.12	21.00	**22.50**
3GPP Rel 6	HSDPA Subtest-4	16.57	16.60	16.54	**18.00**	16.71	16.75	16.69	**18.50**	20.96	21.09	20.97	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	17.26	17.28	17.23	**18.50**	17.15	17.18	17.14	**19.00**	21.62	21.67	21.56	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	17.33	17.30	17.34	**18.50**	17.10	17.15	17.02	**19.00**	21.65	21.66	21.59	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	16.75	16.84	16.76	**18.00**	16.50	16.60	16.55	**18.50**	21.13	21.20	21.03	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	16.72	16.84	16.82	**18.00**	16.52	16.63	16.64	**18.50**	21.09	21.18	21.14	**22.50**
3GPP Rel 6	HSUPA Subtest-1	15.08	15.08	15.11	**16.50**	15.16	15.14	15.24	**17.00**	19.45	19.44	19.42	**21.00**
3GPP Rel 6	HSUPA Subtest-2	15.13	15.14	15.09	**16.50**	15.22	15.19	15.21	**17.00**	19.43	19.45	19.46	**21.00**
3GPP Rel 6	HSUPA Subtest-3	16.20	16.12	16.19	**17.50**	16.26	16.18	16.30	**18.00**	20.45	20.46	20.47	**22.00**
3GPP Rel 6	HSUPA Subtest-4	14.64	14.57	14.61	**16.50**	15.13	15.17	15.15	**17.00**	19.04	19.03	19.01	**21.00**
3GPP Rel 6	HSUPA Subtest-5	16.16	16.12	16.19	**17.50**	16.09	16.17	16.15	**18.00**	20.40	20.60	20.40	**22.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.05	15.11	15.12	**16.00**	15.20	15.26	15.18	**16.50**	19.43	19.44	19.48	**20.50**

Band 2_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.51	18.59	18.55	20	0
20	QPSK	1	49	18.55	18.69	18.58		
20	QPSK	1	99	18.53	18.63	18.53		
20	QPSK	50	0	17.50	17.56	17.50	19	1
20	QPSK	50	24	17.49	17.48	17.36		
20	QPSK	50	50	17.42	17.53	17.44		
20	QPSK	100	0	17.40	17.46	17.45		
20	16QAM	1	0	17.35	17.44	17.48	19	1
20	16QAM	1	49	17.47	17.48	17.41		
20	16QAM	1	99	17.44	17.43	17.37		
20	16QAM	50	0	16.38	16.42	16.35	18	2
20	16QAM	50	24	16.43	16.50	16.43		
20	16QAM	50	50	16.38	16.50	16.45		
20	16QAM	100	0	16.38	16.48	16.42		
20	64QAM	1	0	16.42	16.49	16.36	18	2
20	64QAM	1	49	16.45	16.51	16.49		
20	64QAM	1	99	16.43	16.47	16.43		
20	64QAM	50	0	15.44	15.54	15.40	17	3
20	64QAM	50	24	15.44	15.46	15.41		
20	64QAM	50	50	15.49	15.55	15.47		
20	64QAM	100	0	15.36	15.55	15.46		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.38	18.36	18.42	20	0
15	QPSK	1	37	18.47	18.54	18.40		
15	QPSK	1	74	18.44	18.44	18.50		
15	QPSK	36	0	17.45	17.38	17.39	19	1
15	QPSK	36	20	17.34	17.44	17.35		
15	QPSK	36	39	17.37	17.30	17.35		
15	QPSK	75	0	17.26	17.31	17.30		
15	16QAM	1	0	17.28	17.29	17.20	19	1
15	16QAM	1	37	17.34	17.35	17.44		
15	16QAM	1	74	17.37	17.31	17.40		
15	16QAM	36	0	16.27	16.28	16.27	18	2
15	16QAM	36	20	16.41	16.32	16.34		
15	16QAM	36	39	16.34	16.37	16.25		
15	16QAM	75	0	16.26	16.35	16.23		
15	64QAM	1	0	16.39	16.31	16.30	18	2
15	64QAM	1	37	16.35	16.32	16.37		
15	64QAM	1	74	16.37	16.31	16.31		
15	64QAM	36	0	15.40	15.31	15.42	17	3
15	64QAM	36	20	15.30	15.29	15.38		
15	64QAM	36	39	15.38	15.39	15.42		
15	64QAM	75	0	15.22	15.33	15.31		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.36	18.46	18.44	20	0
10	QPSK	1	25	18.49	18.42	18.51		
10	QPSK	1	49	18.48	18.42	18.39		
10	QPSK	25	0	17.36	17.37	17.38	19	1
10	QPSK	25	12	17.42	17.40	17.36		
10	QPSK	25	25	17.35	17.40	17.33		
10	QPSK	50	0	17.35	17.37	17.35		
10	16QAM	1	0	17.20	17.30	17.32	19	1
10	16QAM	1	25	17.37	17.39	17.33		
10	16QAM	1	49	17.29	17.41	17.41		
10	16QAM	25	0	16.29	16.36	16.28	18	2
10	16QAM	25	12	16.33	16.40	16.38		
10	16QAM	25	25	16.26	16.33	16.29		
10	16QAM	50	0	16.32	16.26	16.29		
10	64QAM	1	0	16.38	16.29	16.32	18	2
10	64QAM	1	25	16.32	16.31	16.37		
10	64QAM	1	49	16.32	16.29	16.36		
10	64QAM	25	0	15.42	15.35	15.32	17	3
10	64QAM	25	12	15.42	15.39	15.35		
10	64QAM	25	25	15.39	15.35	15.47		
10	64QAM	50	0	15.31	15.29	15.21		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.39	18.41	18.48	20	0
5	QPSK	1	12	18.43	18.51	18.50		
5	QPSK	1	24	18.52	18.44	18.39		
5	QPSK	12	0	17.48	17.45	17.43	19	1
5	QPSK	12	7	17.44	17.46	17.40		
5	QPSK	12	13	17.34	17.40	17.28		
5	QPSK	25	0	17.36	17.29	17.38		
5	16QAM	1	0	17.21	17.33	17.20	19	1
5	16QAM	1	12	17.36	17.34	17.39		
5	16QAM	1	24	17.40	17.37	17.33		
5	16QAM	12	0	16.33	16.35	16.23	18	2
5	16QAM	12	7	16.34	16.34	16.38		
5	16QAM	12	13	16.29	16.35	16.30		
5	16QAM	25	0	16.27	16.27	16.35		
5	64QAM	1	0	16.35	16.29	16.41	18	2
5	64QAM	1	12	16.38	16.37	16.41		
5	64QAM	1	24	16.39	16.30	16.42		
5	64QAM	12	0	15.39	15.41	15.32	17	3
5	64QAM	12	7	15.31	15.41	15.38		
5	64QAM	12	13	15.36	15.47	15.34		
5	64QAM	25	0	15.30	15.25	15.24		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.50	18.44	18.38	20	0
3	QPSK	1	8	18.41	18.41	18.44		
3	QPSK	1	14	18.51	18.50	18.48		
3	QPSK	8	0	17.37	17.35	17.44	19	1
3	QPSK	8	4	17.48	17.35	17.48		
3	QPSK	8	7	17.40	17.29	17.28		
3	QPSK	15	0	17.36	17.39	17.38		
3	16QAM	1	0	17.30	17.29	17.30	19	1
3	16QAM	1	8	17.41	17.33	17.44		
3	16QAM	1	14	17.32	17.31	17.41		
3	16QAM	8	0	16.37	16.27	16.26	18	2
3	16QAM	8	4	16.33	16.29	16.41		
3	16QAM	8	7	16.27	16.27	16.25		
3	16QAM	15	0	16.27	16.31	16.33		
3	64QAM	1	0	16.36	16.30	16.27	18	2
3	64QAM	1	8	16.31	16.36	16.40		
3	64QAM	1	14	16.39	16.31	16.35		
3	64QAM	8	0	15.39	15.30	15.42	17	3
3	64QAM	8	4	15.43	15.35	15.34		
3	64QAM	8	7	15.39	15.36	15.45		
3	64QAM	15	0	15.23	15.30	15.33		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.50	18.45	18.47	20	0
1.4	QPSK	1	3	18.52	18.47	18.45		
1.4	QPSK	1	5	18.46	18.41	18.48		
1.4	QPSK	3	0	18.32	18.37	18.35		
1.4	QPSK	3	1	18.46	18.43	18.40		
1.4	QPSK	3	3	18.31	18.36	18.40		
1.4	QPSK	6	0	17.28	17.36	17.25	19	1
1.4	16QAM	1	0	17.25	17.29	17.29	19	1
1.4	16QAM	1	3	17.40	17.46	17.33		
1.4	16QAM	1	5	17.36	17.34	17.35		
1.4	16QAM	3	0	17.10	17.19	17.22		
1.4	16QAM	3	1	17.29	17.30	17.30		
1.4	16QAM	3	3	17.33	17.29	17.31		
1.4	16QAM	6	0	16.28	16.26	16.32	18	2
1.4	64QAM	1	0	16.41	16.36	16.36	18	2
1.4	64QAM	1	3	16.30	16.39	16.41		
1.4	64QAM	1	5	16.29	16.28	16.34		
1.4	64QAM	3	0	16.32	16.35	16.32		
1.4	64QAM	3	1	16.16	16.29	16.27		
1.4	64QAM	3	3	16.22	16.27	16.16		
1.4	64QAM	6	0	15.22	15.27	15.29	17	3

Band 2(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.87	18.85	18.88	20	0
20	QPSK	1	49	18.88	18.92	18.91		
20	QPSK	1	99	18.74	18.69	18.66		
20	QPSK	50	0	17.97	17.99	17.96	19	1
20	QPSK	50	24	17.91	17.92	17.91		
20	QPSK	50	50	17.77	17.88	17.78		
20	QPSK	100	0	17.89	17.91	17.79		
20	16QAM	1	0	17.96	18.02	17.98	19	1
20	16QAM	1	49	18.12	18.14	18.07		
20	16QAM	1	99	18.25	18.24	18.29		
20	16QAM	50	0	16.89	16.79	16.89	18	2
20	16QAM	50	24	16.99	17.03	16.93		
20	16QAM	50	50	16.78	16.76	16.84		
20	16QAM	100	0	16.88	16.96	16.91		
20	64QAM	1	0	17.00	17.08	17.01	18	2
20	64QAM	1	49	16.67	16.58	16.58		
20	64QAM	1	99	16.75	16.72	16.83		
20	64QAM	50	0	15.87	15.83	15.77	17	3
20	64QAM	50	24	15.81	15.81	15.86		
20	64QAM	50	50	15.84	15.81	15.78		
20	64QAM	100	0	15.77	15.76	15.75		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.84	18.73	18.76	20	0
15	QPSK	1	37	18.77	18.75	18.85		
15	QPSK	1	74	18.73	18.68	18.63		
15	QPSK	36	0	17.95	17.87	17.92	19	1
15	QPSK	36	20	17.84	17.76	17.81		
15	QPSK	36	39	17.68	17.64	17.63		
15	QPSK	75	0	17.76	17.88	17.86		
15	16QAM	1	0	17.82	17.86	17.89	19	1
15	16QAM	1	37	18.06	18.09	18.02		
15	16QAM	1	74	18.22	18.19	18.21		
15	16QAM	36	0	16.76	16.87	16.86	18	2
15	16QAM	36	20	16.91	16.97	16.92		
15	16QAM	36	39	16.71	16.77	16.76		
15	16QAM	75	0	16.76	16.78	16.76		
15	64QAM	1	0	16.91	16.89	16.87	18	2
15	64QAM	1	37	16.54	16.61	16.57		
15	64QAM	1	74	16.64	16.73	16.63		
15	64QAM	36	0	15.74	15.81	15.85	17	3
15	64QAM	36	20	15.70	15.69	15.68		
15	64QAM	36	39	15.70	15.72	15.78		
15	64QAM	75	0	15.64	15.66	15.68		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.84	18.79	18.82	20	0
10	QPSK	1	25	18.75	18.87	18.85		
10	QPSK	1	49	18.65	18.67	18.63		
10	QPSK	25	0	17.82	17.91	17.86	19	1
10	QPSK	25	12	17.81	17.79	17.89		
10	QPSK	25	25	17.63	17.63	17.75		
10	QPSK	50	0	17.74	17.84	17.81		
10	16QAM	1	0	17.93	17.88	17.89	19	1
10	16QAM	1	25	18.02	18.09	18.05		
10	16QAM	1	49	18.20	18.14	18.24		
10	16QAM	25	0	16.74	16.88	16.88	18	2
10	16QAM	25	12	16.89	16.95	16.93		
10	16QAM	25	25	16.73	16.72	16.71		
10	16QAM	50	0	16.74	16.74	16.83		
10	64QAM	1	0	16.89	16.89	16.86	18	2
10	64QAM	1	25	16.54	16.63	16.61		
10	64QAM	1	49	16.74	16.60	16.70		
10	64QAM	25	0	15.85	15.83	15.81	17	3
10	64QAM	25	12	15.75	15.79	15.67		
10	64QAM	25	25	15.78	15.79	15.71		
10	64QAM	50	0	15.72	15.62	15.68		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.72	18.82	18.84	20	0
5	QPSK	1	12	18.77	18.82	18.87		
5	QPSK	1	24	18.72	18.66	18.65		
5	QPSK	12	0	17.91	17.92	17.86	19	1
5	QPSK	12	7	17.76	17.78	17.90		
5	QPSK	12	13	17.72	17.74	17.70		
5	QPSK	25	0	17.84	17.84	17.74		
5	16QAM	1	0	17.82	17.87	17.85	19	1
5	16QAM	1	12	18.06	17.97	18.09		
5	16QAM	1	24	18.17	18.16	18.20		
5	16QAM	12	0	16.74	16.79	16.86	18	2
5	16QAM	12	7	16.98	16.95	16.92		
5	16QAM	12	13	16.64	16.72	16.72		
5	16QAM	25	0	16.83	16.85	16.83		
5	64QAM	1	0	16.95	16.92	16.86	18	2
5	64QAM	1	12	16.57	16.66	16.57		
5	64QAM	1	24	16.61	16.68	16.70		
5	64QAM	12	0	15.75	15.86	15.73	17	3
5	64QAM	12	7	15.80	15.66	15.66		
5	64QAM	12	13	15.80	15.73	15.76		
5	64QAM	25	0	15.70	15.75	15.67		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.77	18.83	18.73	20	0
3	QPSK	1	8	18.77	18.78	18.79		
3	QPSK	1	14	18.60	18.64	18.70		
3	QPSK	8	0	17.86	17.87	17.93	19	1
3	QPSK	8	4	17.80	17.82	17.82		
3	QPSK	8	7	17.67	17.71	17.74		
3	QPSK	15	0	17.82	17.86	17.77		
3	16QAM	1	0	17.81	17.91	17.81	19	1
3	16QAM	1	8	18.02	18.06	18.01		
3	16QAM	1	14	18.11	18.15	18.19		
3	16QAM	8	0	16.76	16.87	16.79	18	2
3	16QAM	8	4	16.86	16.86	16.92		
3	16QAM	8	7	16.77	16.64	16.77		
3	16QAM	15	0	16.73	16.86	16.79		
3	64QAM	1	0	16.93	16.94	16.86	18	2
3	64QAM	1	8	16.57	16.57	16.62		
3	64QAM	1	14	16.63	16.64	16.69		
3	64QAM	8	0	15.78	15.80	15.72	17	3
3	64QAM	8	4	15.70	15.75	15.67		
3	64QAM	8	7	15.72	15.69	15.78		
3	64QAM	15	0	15.63	15.65	15.73		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.73	18.64	18.63	20	0
1.4	QPSK	1	3	18.54	18.78	18.65		
1.4	QPSK	1	5	18.60	18.74	18.67		
1.4	QPSK	3	0	18.62	18.71	18.66		
1.4	QPSK	3	1	18.64	18.62	18.68		
1.4	QPSK	3	3	18.66	18.75	18.73		
1.4	QPSK	6	0	17.83	17.91	17.90	19	1
1.4	16QAM	1	0	17.97	18.07	17.81	19	1
1.4	16QAM	1	3	18.33	18.15	18.36		
1.4	16QAM	1	5	17.72	18.42	18.33		
1.4	16QAM	3	0	17.83	17.92	17.90		
1.4	16QAM	3	1	17.90	17.95	17.65		
1.4	16QAM	3	3	17.66	17.75	17.77		
1.4	16QAM	6	0	16.73	16.98	16.84	18	2
1.4	64QAM	1	0	16.60	16.62	17.14	18	2
1.4	64QAM	1	3	16.90	16.90	16.83		
1.4	64QAM	1	5	16.98	17.08	17.14		
1.4	64QAM	3	0	16.90	17.03	17.02		
1.4	64QAM	3	1	17.01	16.70	16.98		
1.4	64QAM	3	3	16.79	16.90	16.98		
1.4	64QAM	6	0	15.69	15.86	15.64	17	3

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	19.06	19.32	19.18	21	0
20	QPSK	1	49	19.33	19.55	19.28		
20	QPSK	1	99	19.16	19.23	19.18		
20	QPSK	50	0	18.25	18.47	18.45	20	1
20	QPSK	50	24	18.23	18.31	18.23		
20	QPSK	50	50	18.10	18.28	18.31		
20	QPSK	100	0	18.22	18.39	18.22		
20	16QAM	1	0	18.61	18.69	18.20	20	1
20	16QAM	1	49	18.18	18.47	18.80		
20	16QAM	1	99	18.57	18.70	18.68		
20	16QAM	50	0	17.30	17.43	17.28	19	2
20	16QAM	50	24	17.30	17.26	17.38		
20	16QAM	50	50	17.12	17.37	17.28		
20	16QAM	100	0	17.17	17.21	17.22		
20	64QAM	1	0	17.11	17.55	17.50	19	2
20	64QAM	1	49	17.22	17.31	17.17		
20	64QAM	1	99	17.15	17.41	17.44		
20	64QAM	50	0	16.22	16.29	16.24	18	3
20	64QAM	50	24	16.19	16.29	16.30		
20	64QAM	50	50	16.13	16.33	16.23		
20	64QAM	100	0	16.12	16.23	16.10		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.94	19.27	19.05	21	0
15	QPSK	1	37	19.30	19.34	19.27		
15	QPSK	1	74	19.15	19.13	19.15		
15	QPSK	36	0	18.23	18.41	18.32	20	1
15	QPSK	36	20	18.20	18.18	18.19		
15	QPSK	36	39	18.04	18.20	18.20		
15	QPSK	75	0	18.21	18.26	18.15		
15	16QAM	1	0	18.60	18.61	18.18	20	1
15	16QAM	1	37	18.04	18.32	18.79		
15	16QAM	1	74	18.56	18.67	18.64		
15	16QAM	36	0	17.15	17.41	17.23	19	2
15	16QAM	36	20	17.16	17.17	17.23		
15	16QAM	36	39	17.10	17.30	17.15		
15	16QAM	75	0	17.03	17.13	17.07		
15	64QAM	1	0	17.05	17.51	17.44	19	2
15	64QAM	1	37	17.10	17.28	17.12		
15	64QAM	1	74	17.13	17.33	17.33		
15	64QAM	36	0	16.17	16.17	16.14	18	3
15	64QAM	36	20	16.17	16.25	16.16		
15	64QAM	36	39	16.06	16.30	16.21		
15	64QAM	75	0	16.07	16.13	16.07		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.05	19.17	19.16	21	0
10	QPSK	1	25	19.19	19.41	19.14		
10	QPSK	1	49	19.03	19.17	19.09		
10	QPSK	25	0	18.12	18.36	18.37	20	1
10	QPSK	25	12	18.13	18.19	18.18		
10	QPSK	25	25	18.02	18.15	18.24		
10	QPSK	50	0	18.21	18.34	18.10		
10	16QAM	1	0	18.56	18.61	18.07	20	1
10	16QAM	1	25	18.13	18.45	18.66		
10	16QAM	1	49	18.42	18.57	18.59		
10	16QAM	25	0	17.18	17.38	17.13	19	2
10	16QAM	25	12	17.23	17.25	17.29		
10	16QAM	25	25	17.07	17.34	17.16		
10	16QAM	50	0	17.05	17.16	17.20		
10	64QAM	1	0	17.03	17.53	17.39	19	2
10	64QAM	1	25	17.15	17.21	17.06		
10	64QAM	1	49	17.05	17.40	17.41		
10	64QAM	25	0	16.12	16.15	16.17	18	3
10	64QAM	25	12	16.08	16.15	16.16		
10	64QAM	25	25	16.12	16.23	16.16		
10	64QAM	50	0	16.07	16.10	16.00		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.01	19.21	19.16	21	0
5	QPSK	1	12	19.22	19.31	19.18		
5	QPSK	1	24	19.15	19.11	19.13		
5	QPSK	12	0	18.19	18.36	18.41	20	1
5	QPSK	12	7	18.18	18.18	18.16		
5	QPSK	12	13	18.15	18.19	18.19		
5	QPSK	25	0	18.21	18.30	18.07		
5	16QAM	1	0	18.53	18.68	18.13	20	1
5	16QAM	1	12	18.09	18.44	18.73		
5	16QAM	1	24	18.43	18.62	18.53		
5	16QAM	12	0	17.19	17.38	17.19	19	2
5	16QAM	12	7	17.25	17.23	17.30		
5	16QAM	12	13	17.06	17.34	17.14		
5	16QAM	25	0	17.02	17.11	17.18		
5	64QAM	1	0	17.01	17.51	17.35	19	2
5	64QAM	1	12	17.19	17.26	17.10		
5	64QAM	1	24	17.06	17.26	17.30		
5	64QAM	12	0	16.15	16.23	16.20	18	3
5	64QAM	12	7	16.11	16.24	16.24		
5	64QAM	12	13	16.07	16.30	16.15		
5	64QAM	25	0	16.07	16.16	16.07		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.11	19.17	19.15	21	0
3	QPSK	1	8	19.28	19.44	19.13		
3	QPSK	1	14	19.08	19.14	19.08		
3	QPSK	8	0	18.17	18.34	18.36	20	1
3	QPSK	8	4	18.09	18.27	18.17		
3	QPSK	8	7	18.09	18.16	18.24		
3	QPSK	15	0	18.07	18.24	18.10		
3	16QAM	1	0	18.59	18.58	18.14	20	1
3	16QAM	1	8	18.14	18.38	18.70		
3	16QAM	1	14	18.47	18.60	18.57		
3	16QAM	8	0	17.21	17.33	17.16	19	2
3	16QAM	8	4	17.22	17.22	17.33		
3	16QAM	8	7	17.00	17.30	17.22		
3	16QAM	15	0	17.13	17.19	17.14		
3	64QAM	1	0	17.03	17.53	17.45	19	2
3	64QAM	1	8	17.16	17.22	17.15		
3	64QAM	1	14	17.12	17.30	17.33		
3	64QAM	8	0	16.16	16.23	16.09	18	3
3	64QAM	8	4	16.08	16.20	16.23		
3	64QAM	8	7	16.07	16.26	16.08		
3	64QAM	15	0	16.00	16.15	16.00		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.14	19.17	19.21	21	0
1.4	QPSK	1	3	19.24	19.21	19.13		
1.4	QPSK	1	5	19.12	19.14	19.10		
1.4	QPSK	3	0	19.09	19.24	19.25		
1.4	QPSK	3	1	19.05	19.27	19.25		
1.4	QPSK	3	3	19.01	19.19	19.22		
1.4	QPSK	6	0	18.15	18.25	18.13	20	1
1.4	16QAM	1	0	18.60	18.45	18.75	20	1
1.4	16QAM	1	3	18.28	18.71	18.46		
1.4	16QAM	1	5	18.54	18.20	18.62		
1.4	16QAM	3	0	18.04	18.31	18.06		
1.4	16QAM	3	1	18.04	18.18	18.15		
1.4	16QAM	3	3	18.13	18.20	18.23		
1.4	16QAM	6	0	17.02	17.14	17.18	19	2
1.4	64QAM	1	0	17.34	17.53	17.19	19	2
1.4	64QAM	1	3	17.17	17.02	17.23		
1.4	64QAM	1	5	17.28	17.29	17.47		
1.4	64QAM	3	0	17.26	17.43	17.46		
1.4	64QAM	3	1	17.02	17.31	17.39		
1.4	64QAM	3	3	17.13	17.32	17.34		
1.4	64QAM	6	0	16.05	16.14	16.14	18	3

Band 4_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.47	18.43	18.37	20	0
20	QPSK	1	49	18.59	18.60	18.56		
20	QPSK	1	99	18.19	18.41	18.29		
20	QPSK	50	0	17.59	17.60	17.49	19	1
20	QPSK	50	24	17.58	17.51	17.46		
20	QPSK	50	50	17.42	17.47	17.43		
20	QPSK	100	0	17.51	17.52	17.43		
20	16QAM	1	0	17.86	17.58	17.40	19	1
20	16QAM	1	49	17.97	17.51	17.55		
20	16QAM	1	99	17.34	17.45	17.45		
20	16QAM	50	0	16.51	16.46	16.48	18	2
20	16QAM	50	24	16.49	16.44	16.48		
20	16QAM	50	50	16.44	16.48	16.38		
20	16QAM	100	0	16.45	16.42	16.38		
20	64QAM	1	0	16.54	16.41	16.61	18	2
20	64QAM	1	49	16.10	16.61	16.66		
20	64QAM	1	99	16.57	16.21	16.34		
20	64QAM	50	0	15.52	15.50	15.50	17	3
20	64QAM	50	24	15.42	15.49	15.46		
20	64QAM	50	50	15.37	15.43	15.33		
20	64QAM	100	0	15.47	15.41	15.33		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.33	18.35	18.24	20	0
15	QPSK	1	37	18.56	18.48	18.52		
15	QPSK	1	74	18.09	18.27	18.23		
15	QPSK	36	0	17.47	17.47	17.35	19	1
15	QPSK	36	20	17.47	17.42	17.42		
15	QPSK	36	39	17.40	17.35	17.36		
15	QPSK	75	0	17.37	17.43	17.28		
15	16QAM	1	0	17.85	17.46	17.31	19	1
15	16QAM	1	37	17.89	17.48	17.44		
15	16QAM	1	74	17.31	17.36	17.40		
15	16QAM	36	0	16.47	16.34	16.40	18	2
15	16QAM	36	20	16.37	16.30	16.34		
15	16QAM	36	39	16.40	16.44	16.37		
15	16QAM	75	0	16.34	16.34	16.25		
15	64QAM	1	0	16.41	16.37	16.59	18	2
15	64QAM	1	37	16.01	16.58	16.56		
15	64QAM	1	74	16.56	16.17	16.28		
15	64QAM	36	0	15.51	15.42	15.46	17	3
15	64QAM	36	20	15.27	15.40	15.40		
15	64QAM	36	39	15.30	15.41	15.26		
15	64QAM	75	0	15.43	15.32	15.31		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.42	18.35	18.36	20	0
10	QPSK	1	25	18.55	18.49	18.50		
10	QPSK	1	49	18.18	18.35	18.15		
10	QPSK	25	0	17.57	17.53	17.35	19	1
10	QPSK	25	12	17.44	17.40	17.39		
10	QPSK	25	25	17.29	17.44	17.28		
10	QPSK	50	0	17.44	17.41	17.36		
10	16QAM	1	0	17.71	17.47	17.32	19	1
10	16QAM	1	25	17.87	17.44	17.41		
10	16QAM	1	49	17.28	17.43	17.35		
10	16QAM	25	0	16.42	16.43	16.46	18	2
10	16QAM	25	12	16.40	16.30	16.47		
10	16QAM	25	25	16.31	16.35	16.34		
10	16QAM	50	0	16.30	16.27	16.37		
10	64QAM	1	0	16.41	16.34	16.54	18	2
10	64QAM	1	25	16.01	16.57	16.51		
10	64QAM	1	49	16.49	16.07	16.20		
10	64QAM	25	0	15.46	15.45	15.36	17	3
10	64QAM	25	12	15.40	15.44	15.37		
10	64QAM	25	25	15.24	15.35	15.22		
10	64QAM	50	0	15.43	15.29	15.25		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.36	18.38	18.23	20	0
5	QPSK	1	12	18.50	18.45	18.44		
5	QPSK	1	24	18.05	18.30	18.18		
5	QPSK	12	0	17.47	17.55	17.36	19	1
5	QPSK	12	7	17.43	17.48	17.32		
5	QPSK	12	13	17.40	17.38	17.28		
5	QPSK	25	0	17.47	17.38	17.36		
5	16QAM	1	0	17.72	17.53	17.29	19	1
5	16QAM	1	12	17.83	17.47	17.45		
5	16QAM	1	24	17.27	17.39	17.33		
5	16QAM	12	0	16.50	16.38	16.36	18	2
5	16QAM	12	7	16.46	16.38	16.38		
5	16QAM	12	13	16.34	16.42	16.35		
5	16QAM	25	0	16.34	16.41	16.32		
5	64QAM	1	0	16.49	16.33	16.52	18	2
5	64QAM	1	12	16.08	16.54	16.53		
5	64QAM	1	24	16.43	16.10	16.27		
5	64QAM	12	0	15.45	15.49	15.44	17	3
5	64QAM	12	7	15.28	15.46	15.32		
5	64QAM	12	13	15.25	15.34	15.30		
5	64QAM	25	0	15.40	15.28	15.28		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.34	18.39	18.25	20	0
3	QPSK	1	8	18.48	18.49	18.47		
3	QPSK	1	14	18.09	18.31	18.17		
3	QPSK	8	0	17.47	17.54	17.43	19	1
3	QPSK	8	4	17.49	17.44	17.42		
3	QPSK	8	7	17.29	17.45	17.32		
3	QPSK	15	0	17.40	17.50	17.28		
3	16QAM	1	0	17.74	17.52	17.30	19	1
3	16QAM	1	8	17.83	17.38	17.43		
3	16QAM	1	14	17.29	17.44	17.42		
3	16QAM	8	0	16.40	16.40	16.41	18	2
3	16QAM	8	4	16.38	16.42	16.35		
3	16QAM	8	7	16.32	16.44	16.31		
3	16QAM	15	0	16.35	16.34	16.23		
3	64QAM	1	0	16.48	16.40	16.55	18	2
3	64QAM	1	8	16.05	16.49	16.55		
3	64QAM	1	14	16.48	16.08	16.25		
3	64QAM	8	0	15.44	15.49	15.44	17	3
3	64QAM	8	4	15.37	15.43	15.45		
3	64QAM	8	7	15.23	15.36	15.23		
3	64QAM	15	0	15.41	15.31	15.19		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.41	18.52	18.29	20	0
1.4	QPSK	1	3	18.25	18.54	18.46		
1.4	QPSK	1	5	18.44	18.43	18.36		
1.4	QPSK	3	0	18.33	18.40	18.42		
1.4	QPSK	3	1	18.33	18.49	18.35		
1.4	QPSK	3	3	18.44	18.44	18.35		
1.4	QPSK	6	0	17.47	17.49	17.41	19	1
1.4	16QAM	1	0	18.00	17.49	17.52	19	1
1.4	16QAM	1	3	17.60	17.55	17.94		
1.4	16QAM	1	5	17.86	17.93	17.84		
1.4	16QAM	3	0	17.40	17.41	17.26		
1.4	16QAM	3	1	17.36	17.39	17.50		
1.4	16QAM	3	3	17.27	17.43	17.42		
1.4	16QAM	6	0	16.42	16.61	16.40	18	2
1.4	64QAM	1	0	16.40	16.44	16.60	18	2
1.4	64QAM	1	3	16.49	16.35	16.09		
1.4	64QAM	1	5	16.50	16.59	16.51		
1.4	64QAM	3	0	16.41	16.57	16.48		
1.4	64QAM	3	1	16.46	16.61	16.24		
1.4	64QAM	3	3	16.39	16.43	16.60		
1.4	64QAM	6	0	15.23	15.33	15.31	17	3

Band 4(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.82	18.85	18.87	20	0
20	QPSK	1	49	18.99	19.11	19.07		
20	QPSK	1	99	18.90	18.94	18.89		
20	QPSK	50	0	17.88	17.95	17.92	19	1
20	QPSK	50	24	17.72	17.83	17.74		
20	QPSK	50	50	17.76	17.77	17.69		
20	QPSK	100	0	17.77	17.81	17.79		
20	16QAM	1	0	17.87	17.87	17.87	19	1
20	16QAM	1	49	17.79	17.80	17.72		
20	16QAM	1	99	17.81	17.78	17.81		
20	16QAM	50	0	16.81	16.84	16.82	18	2
20	16QAM	50	24	16.70	16.68	16.72		
20	16QAM	50	50	16.80	16.84	16.91		
20	16QAM	100	0	16.78	16.87	16.83		
20	64QAM	1	0	16.80	16.82	16.86	18	2
20	64QAM	1	49	16.81	16.80	16.80		
20	64QAM	1	99	16.84	16.82	16.80		
20	64QAM	50	0	15.89	15.82	15.91	17	3
20	64QAM	50	24	15.79	15.80	15.84		
20	64QAM	50	50	15.87	15.75	15.76		
20	64QAM	100	0	15.80	15.77	15.78		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.78	18.78	18.70	20	0
15	QPSK	1	37	18.87	18.85	18.87		
15	QPSK	1	74	18.83	18.80	18.78		
15	QPSK	36	0	17.74	17.85	17.80	19	1
15	QPSK	36	20	17.66	17.66	17.58		
15	QPSK	36	39	17.62	17.73	17.73		
15	QPSK	75	0	17.75	17.67	17.69		
15	16QAM	1	0	17.73	17.74	17.75	19	1
15	16QAM	1	37	17.77	17.72	17.71		
15	16QAM	1	74	17.68	17.69	17.75		
15	16QAM	36	0	16.68	16.76	16.77	18	2
15	16QAM	36	20	16.56	16.65	16.56		
15	16QAM	36	39	16.75	16.65	16.76		
15	16QAM	75	0	16.75	16.76	16.66		
15	64QAM	1	0	16.65	16.73	16.74	18	2
15	64QAM	1	37	16.69	16.79	16.77		
15	64QAM	1	74	16.74	16.73	16.72		
15	64QAM	36	0	15.82	15.77	15.80	17	3
15	64QAM	36	20	15.72	15.70	15.66		
15	64QAM	36	39	15.84	15.83	15.73		
15	64QAM	75	0	15.65	15.77	15.74		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.80	18.70	18.72	20	0
10	QPSK	1	25	18.94	18.87	18.88		
10	QPSK	1	49	18.85	18.86	18.76		
10	QPSK	25	0	17.76	17.78	17.81	19	1
10	QPSK	25	12	17.67	17.65	17.61		
10	QPSK	25	25	17.66	17.71	17.70		
10	QPSK	50	0	17.74	17.66	17.70		
10	16QAM	1	0	17.83	17.74	17.73	19	1
10	16QAM	1	25	17.68	17.71	17.71		
10	16QAM	1	49	17.77	17.77	17.72		
10	16QAM	25	0	16.79	16.74	16.74	18	2
10	16QAM	25	12	16.67	16.67	16.67		
10	16QAM	25	25	16.77	16.77	16.66		
10	16QAM	50	0	16.71	16.66	16.69		
10	64QAM	1	0	16.66	16.74	16.67	18	2
10	64QAM	1	25	16.69	16.68	16.76		
10	64QAM	1	49	16.73	16.79	16.81		
10	64QAM	25	0	15.79	15.84	15.83	17	3
10	64QAM	25	12	15.70	15.74	15.69		
10	64QAM	25	25	15.82	15.77	15.73		
10	64QAM	50	0	15.72	15.77	15.67		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.68	18.76	18.74	20	0
5	QPSK	1	12	18.98	18.88	18.86		
5	QPSK	1	24	18.77	18.82	18.84		
5	QPSK	12	0	17.84	17.80	17.80	19	1
5	QPSK	12	7	17.60	17.70	17.62		
5	QPSK	12	13	17.71	17.69	17.73		
5	QPSK	25	0	17.69	17.63	17.74		
5	16QAM	1	0	17.81	17.81	17.82	19	1
5	16QAM	1	12	17.76	17.67	17.78		
5	16QAM	1	24	17.69	17.67	17.74		
5	16QAM	12	0	16.71	16.67	16.72	18	2
5	16QAM	12	7	16.58	16.58	16.56		
5	16QAM	12	13	16.67	16.78	16.78		
5	16QAM	25	0	16.63	16.64	16.74		
5	64QAM	1	0	16.75	16.77	16.73	18	2
5	64QAM	1	12	16.71	16.75	16.71		
5	64QAM	1	24	16.75	16.75	16.69		
5	64QAM	12	0	15.78	15.76	15.86	17	3
5	64QAM	12	7	15.65	15.68	15.74		
5	64QAM	12	13	15.84	15.80	15.85		
5	64QAM	25	0	15.78	15.71	15.66		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.78	18.78	18.78	20	0
3	QPSK	1	8	18.84	18.97	18.91		
3	QPSK	1	14	18.88	18.76	18.78		
3	QPSK	8	0	17.74	17.86	17.80	19	1
3	QPSK	8	4	17.59	17.63	17.64		
3	QPSK	8	7	17.64	17.66	17.68		
3	QPSK	15	0	17.75	17.67	17.64		
3	16QAM	1	0	17.74	17.75	17.78	19	1
3	16QAM	1	8	17.76	17.77	17.69		
3	16QAM	1	14	17.75	17.69	17.78		
3	16QAM	8	0	16.71	16.72	16.80	18	2
3	16QAM	8	4	16.61	16.56	16.64		
3	16QAM	8	7	16.72	16.74	16.66		
3	16QAM	15	0	16.69	16.75	16.73		
3	64QAM	1	0	16.79	16.77	16.68	18	2
3	64QAM	1	8	16.68	16.79	16.72		
3	64QAM	1	14	16.78	16.79	16.76		
3	64QAM	8	0	15.75	15.82	15.78	17	3
3	64QAM	8	4	15.76	15.70	15.73		
3	64QAM	8	7	15.84	15.78	15.85		
3	64QAM	15	0	15.78	15.69	15.77		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.79	18.84	18.83	20	0
1.4	QPSK	1	3	18.88	18.87	18.78		
1.4	QPSK	1	5	18.77	18.64	18.69		
1.4	QPSK	3	0	18.65	18.69	18.71		
1.4	QPSK	3	1	18.82	18.75	18.81		
1.4	QPSK	3	3	18.67	18.71	18.65		
1.4	QPSK	6	0	17.82	17.75	17.77	19	1
1.4	16QAM	1	0	17.69	17.80	17.83	19	1
1.4	16QAM	1	3	17.76	17.80	17.87		
1.4	16QAM	1	5	18.27	18.27	18.16		
1.4	16QAM	3	0	17.73	17.70	17.64		
1.4	16QAM	3	1	17.73	17.70	17.72		
1.4	16QAM	3	3	17.72	17.63	17.75		
1.4	16QAM	6	0	16.86	16.93	16.81	18	2
1.4	64QAM	1	0	16.67	16.74	16.78	18	2
1.4	64QAM	1	3	16.59	16.56	16.62		
1.4	64QAM	1	5	16.86	16.92	16.92		
1.4	64QAM	3	0	16.83	16.82	16.89		
1.4	64QAM	3	1	16.92	16.88	16.95		
1.4	64QAM	3	3	16.73	16.65	16.65		
1.4	64QAM	6	0	15.59	15.67	15.66	17	3

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	14.69	14.71	14.69	16.5	0
20	QPSK	1	49	14.71	14.88	14.75		
20	QPSK	1	99	14.59	14.57	14.51		
20	QPSK	50	0	13.87	13.99	13.90	15.5	1
20	QPSK	50	24	13.78	13.98	13.88		
20	QPSK	50	50	13.80	13.90	13.81		
20	QPSK	100	0	13.87	13.88	13.79		
20	16QAM	1	0	14.29	14.26	14.31	15.5	1
20	16QAM	1	49	14.11	13.91	13.86		
20	16QAM	1	99	14.20	13.50	14.19		
20	16QAM	50	0	12.73	12.86	12.83	14.5	2
20	16QAM	50	24	12.78	12.95	12.75		
20	16QAM	50	50	12.83	12.88	12.82		
20	16QAM	100	0	12.68	12.81	12.71		
20	64QAM	1	0	13.01	12.79	12.58	14.5	2
20	64QAM	1	49	12.76	13.10	13.12		
20	64QAM	1	99	12.76	12.98	12.90		
20	64QAM	50	0	11.69	11.85	11.78	13.5	3
20	64QAM	50	24	11.87	11.83	11.75		
20	64QAM	50	50	11.80	11.81	11.82		
20	64QAM	100	0	11.80	11.83	11.71		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	14.66	14.69	14.54	16.5	0
15	QPSK	1	37	14.62	14.87	14.74		
15	QPSK	1	74	14.57	14.83	14.69		
15	QPSK	36	0	13.74	13.93	13.83	15.5	1
15	QPSK	36	20	13.70	13.91	13.76		
15	QPSK	36	39	13.69	13.89	13.78		
15	QPSK	75	0	13.77	13.75	13.74		
15	16QAM	1	0	14.16	14.22	14.25	15.5	1
15	16QAM	1	37	14.01	13.89	13.81		
15	16QAM	1	74	14.10	14.11	14.14		
15	16QAM	36	0	12.58	12.77	12.81	14.5	2
15	16QAM	36	20	12.67	12.92	12.70		
15	16QAM	36	39	12.73	12.76	12.71		
15	16QAM	75	0	12.60	12.69	12.58		
15	64QAM	1	0	12.92	12.67	12.65	14.5	2
15	64QAM	1	37	12.69	13.09	13.01		
15	64QAM	1	74	12.61	12.96	12.79		
15	64QAM	36	0	11.67	11.78	11.73	13.5	3
15	64QAM	36	20	11.85	11.72	11.65		
15	64QAM	36	39	11.73	11.70	11.78		
15	64QAM	75	0	11.70	11.69	11.58		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	14.55	14.68	14.58	16.5	0
10	QPSK	1	25	14.57	14.83	14.69		
10	QPSK	1	49	14.56	14.57	14.68		
10	QPSK	25	0	13.74	13.95	13.80	15.5	1
10	QPSK	25	12	13.74	13.90	13.79		
10	QPSK	25	25	13.70	13.79	13.73		
10	QPSK	50	0	13.73	13.73	13.74		
10	16QAM	1	0	14.23	14.25	14.26	15.5	1
10	16QAM	1	25	14.02	13.76	13.78		
10	16QAM	1	49	14.13	14.05	14.07		
10	16QAM	25	0	12.64	12.73	12.72	14.5	2
10	16QAM	25	12	12.68	12.86	12.70		
10	16QAM	25	25	12.70	12.86	12.74		
10	16QAM	50	0	12.55	12.76	12.65		
10	64QAM	1	0	12.94	12.74	12.57	14.5	2
10	64QAM	1	25	12.67	13.00	13.03		
10	64QAM	1	49	12.62	12.92	12.84		
10	64QAM	25	0	11.68	11.76	11.66	13.5	3
10	64QAM	25	12	11.74	11.78	11.70		
10	64QAM	25	25	11.79	11.76	11.67		
10	64QAM	50	0	11.77	11.69	11.69		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	14.67	14.57	14.68	16.5	0
5	QPSK	1	12	14.67	14.81	14.73		
5	QPSK	1	24	14.52	14.57	14.68		
5	QPSK	12	0	13.74	13.90	13.75	15.5	1
5	QPSK	12	7	13.74	13.89	13.79		
5	QPSK	12	13	13.74	13.87	13.79		
5	QPSK	25	0	13.74	13.82	13.70		
5	16QAM	1	0	14.14	14.24	14.27	15.5	1
5	16QAM	1	12	14.09	13.77	13.84		
5	16QAM	1	24	14.17	14.11	14.10		
5	16QAM	12	0	12.68	12.77	12.70	14.5	2
5	16QAM	12	7	12.63	12.86	12.62		
5	16QAM	12	13	12.68	12.85	12.71		
5	16QAM	25	0	12.60	12.80	12.56		
5	64QAM	1	0	12.96	12.74	12.68	14.5	2
5	64QAM	1	12	12.61	13.03	13.06		
5	64QAM	1	24	12.61	12.89	12.85		
5	64QAM	12	0	11.67	11.84	11.76	13.5	3
5	64QAM	12	7	11.72	11.79	11.64		
5	64QAM	12	13	11.73	11.67	11.72		
5	64QAM	25	0	11.78	11.71	11.66		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	14.54	14.64	14.55	16.5	0
3	QPSK	1	8	14.69	14.86	14.60		
3	QPSK	1	14	14.50	14.58	14.50		
3	QPSK	8	0	13.83	13.84	13.88	15.5	1
3	QPSK	8	4	13.77	13.91	13.81		
3	QPSK	8	7	13.77	13.86	13.80		
3	QPSK	15	0	13.84	13.86	13.66		
3	16QAM	1	0	14.24	14.19	14.16	15.5	1
3	16QAM	1	8	14.10	13.88	13.77		
3	16QAM	1	14	14.17	14.25	14.13		
3	16QAM	8	0	12.65	12.81	12.68	14.5	2
3	16QAM	8	4	12.68	12.85	12.68		
3	16QAM	8	7	12.71	12.82	12.69		
3	16QAM	15	0	12.67	12.77	12.61		
3	64QAM	1	0	12.96	12.78	12.56	14.5	2
3	64QAM	1	8	12.71	13.09	12.97		
3	64QAM	1	14	12.61	12.91	12.89		
3	64QAM	8	0	11.59	11.75	11.75	13.5	3
3	64QAM	8	4	11.80	11.68	11.72		
3	64QAM	8	7	11.77	11.73	11.77		
3	64QAM	15	0	11.66	11.81	11.61		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	14.55	14.56	14.68	16.5	0
1.4	QPSK	1	3	14.53	14.59	14.58		
1.4	QPSK	1	5	14.63	14.69	14.71		
1.4	QPSK	3	0	14.57	14.66	14.60		
1.4	QPSK	3	1	14.60	14.71	14.62		
1.4	QPSK	3	3	14.65	14.65	14.53		
1.4	QPSK	6	0	13.63	13.78	13.67	15.5	1
1.4	16QAM	1	0	13.85	14.07	14.17	15.5	1
1.4	16QAM	1	3	13.89	14.18	13.72		
1.4	16QAM	1	5	14.16	13.90	13.85		
1.4	16QAM	3	0	13.76	13.82	13.65		
1.4	16QAM	3	1	13.68	13.75	13.74		
1.4	16QAM	3	3	13.52	13.84	13.79		
1.4	16QAM	6	0	12.81	12.70	12.69	14.5	2
1.4	64QAM	1	0	12.69	12.76	12.98	14.5	2
1.4	64QAM	1	3	12.70	12.81	12.88		
1.4	64QAM	1	5	12.71	13.00	12.94		
1.4	64QAM	3	0	12.62	12.83	12.87		
1.4	64QAM	3	1	12.71	12.80	12.85		
1.4	64QAM	3	3	12.79	12.57	12.76		
1.4	64QAM	6	0	11.64	11.74	11.63	13.5	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	22.50	22.52	22.47	24	0
10	QPSK	1	25	22.64	22.68	22.51		
10	QPSK	1	49	22.50	22.48	22.32		
10	QPSK	25	0	21.56	21.60	21.51	23	1
10	QPSK	25	12	21.52	21.56	21.47		
10	QPSK	25	25	21.46	21.51	21.49		
10	QPSK	50	0	21.56	21.59	21.53		
10	16QAM	1	0	21.75	21.59	21.39	23	1
10	16QAM	1	25	21.82	22.12	21.36		
10	16QAM	1	49	21.97	21.83	21.30		
10	16QAM	25	0	20.54	20.55	20.54	22	2
10	16QAM	25	12	20.52	20.58	20.42		
10	16QAM	25	25	20.41	20.54	20.57		
10	16QAM	50	0	20.55	20.58	20.49		
10	64QAM	1	0	20.47	20.87	20.28	22	2
10	64QAM	1	25	20.81	20.76	20.74		
10	64QAM	1	49	20.45	20.85	20.36		
10	64QAM	25	0	19.57	19.46	19.47	21	3
10	64QAM	25	12	19.43	19.58	19.39		
10	64QAM	25	25	19.49	19.53	19.41		
10	64QAM	50	0	19.49	19.51	19.51		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.55	22.47	22.45	24	0
5	QPSK	1	12	22.61	22.64	22.53		
5	QPSK	1	24	22.40	22.53	22.36		
5	QPSK	12	0	21.61	21.54	21.58	23	1
5	QPSK	12	7	21.51	21.57	21.51		
5	QPSK	12	13	21.48	21.57	21.54		
5	QPSK	25	0	21.63	21.65	21.47		
5	16QAM	1	0	21.67	21.66	21.46	23	1
5	16QAM	1	12	21.84	22.09	21.27		
5	16QAM	1	24	21.87	21.93	21.33		
5	16QAM	12	0	20.55	20.55	20.46	22	2
5	16QAM	12	7	20.59	20.61	20.52		
5	16QAM	12	13	20.33	20.61	20.54		
5	16QAM	25	0	20.57	20.52	20.48		
5	64QAM	1	0	20.38	20.84	20.23	22	2
5	64QAM	1	12	20.72	20.69	20.73		
5	64QAM	1	24	20.44	20.95	20.46		
5	64QAM	12	0	19.67	19.37	19.40	21	3
5	64QAM	12	7	19.49	19.53	19.48		
5	64QAM	12	13	19.46	19.53	19.31		
5	64QAM	25	0	19.51	19.43	19.56		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.48	22.51	22.39	24	0
3	QPSK	1	8	22.57	22.48	22.41		
3	QPSK	1	14	22.51	22.52	22.31		
3	QPSK	8	0	21.47	21.62	21.54	23	1
3	QPSK	8	4	21.60	21.65	21.45		
3	QPSK	8	7	21.36	21.53	21.44		
3	QPSK	15	0	21.60	21.55	21.50		
3	16QAM	1	0	21.85	21.53	21.43	23	1
3	16QAM	1	8	21.84	22.13	21.29		
3	16QAM	1	14	21.91	21.89	21.40		
3	16QAM	8	0	20.59	20.49	20.57	22	2
3	16QAM	8	4	20.50	20.68	20.44		
3	16QAM	8	7	20.38	20.44	20.62		
3	16QAM	15	0	20.49	20.50	20.47		
3	64QAM	1	0	20.48	20.80	20.38	22	2
3	64QAM	1	8	20.81	20.85	20.72		
3	64QAM	1	14	20.50	20.80	20.46		
3	64QAM	8	0	19.52	19.53	19.37	21	3
3	64QAM	8	4	19.48	19.60	19.32		
3	64QAM	8	7	19.47	19.59	19.31		
3	64QAM	15	0	19.44	19.44	19.44		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.49	22.37	22.26	24	0
1.4	QPSK	1	3	22.62	22.42	22.22		
1.4	QPSK	1	5	22.46	22.56	22.34		
1.4	QPSK	3	0	22.57	22.45	22.36		
1.4	QPSK	3	1	22.63	22.55	22.34		
1.4	QPSK	3	3	22.63	22.54	22.43		
1.4	QPSK	6	0	21.57	21.55	21.34	23	1
1.4	16QAM	1	0	21.92	21.66	21.47	23	1
1.4	16QAM	1	3	22.17	21.64	21.39		
1.4	16QAM	1	5	21.81	21.66	21.56		
1.4	16QAM	3	0	21.64	21.55	21.40		
1.4	16QAM	3	1	21.64	21.40	21.20		
1.4	16QAM	3	3	21.66	21.50	21.44		
1.4	16QAM	6	0	20.83	20.74	20.41	22	2
1.4	64QAM	1	0	20.62	20.31	20.43	22	2
1.4	64QAM	1	3	20.72	20.74	20.56		
1.4	64QAM	1	5	20.72	20.28	20.36		
1.4	64QAM	3	0	20.80	20.53	20.38		
1.4	64QAM	3	1	20.62	20.51	20.54		
1.4	64QAM	3	3	20.60	20.71	20.61		
1.4	64QAM	6	0	19.51	19.42	19.27	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.14	22.08	22.14	24	0
10	QPSK	1	25	22.28	22.35	22.20		
10	QPSK	1	49	22.24	22.16	22.17		
10	QPSK	25	0	21.26	21.32	21.30	23	1
10	QPSK	25	12	21.22	21.23	21.21		
10	QPSK	25	25	21.20	21.24	21.25		
10	QPSK	50	0	21.27	21.30	21.28		
10	16QAM	1	0	21.23	21.79	21.39	23	1
10	16QAM	1	25	21.36	21.81	21.10		
10	16QAM	1	49	21.48	21.76	21.33		
10	16QAM	25	0	20.24	20.22	20.21	22	2
10	16QAM	25	12	20.25	20.17	20.14		
10	16QAM	25	25	20.13	20.24	20.19		
10	16QAM	50	0	20.14	20.24	20.23		
10	64QAM	1	0	20.15	20.24	20.37	22	2
10	64QAM	1	25	20.49	20.51	20.48		
10	64QAM	1	49	20.41	20.44	20.39		
10	64QAM	25	0	19.15	19.24	19.32	21	3
10	64QAM	25	12	19.16	19.20	19.15		
10	64QAM	25	25	19.26	19.14	19.22		
10	64QAM	50	0	19.17	19.22	19.17		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.19	22.06	22.08	24	0
5	QPSK	1	12	22.20	22.24	22.19		
5	QPSK	1	24	22.24	22.23	22.23		
5	QPSK	12	0	21.29	21.29	21.36	23	1
5	QPSK	12	7	21.24	21.19	21.18		
5	QPSK	12	13	21.27	21.29	21.24		
5	QPSK	25	0	21.26	21.37	21.37		
5	16QAM	1	0	21.19	21.88	21.36	23	1
5	16QAM	1	12	21.46	21.80	21.16		
5	16QAM	1	24	21.40	21.73	21.25		
5	16QAM	12	0	20.27	20.29	20.21	22	2
5	16QAM	12	7	20.34	20.11	20.20		
5	16QAM	12	13	20.21	20.32	20.21		
5	16QAM	25	0	20.24	20.29	20.27		
5	64QAM	1	0	20.24	20.29	20.27	22	2
5	64QAM	1	12	20.42	20.43	20.46		
5	64QAM	1	24	20.47	20.51	20.29		
5	64QAM	12	0	19.11	19.23	19.31	21	3
5	64QAM	12	7	19.09	19.15	19.17		
5	64QAM	12	13	19.32	19.10	19.29		
5	64QAM	25	0	19.10	19.15	19.24		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.19	22.07	22.23	24	0
3	QPSK	1	8	22.17	22.06	22.29		
3	QPSK	1	14	22.14	22.26	22.20		
3	QPSK	8	0	21.17	21.23	21.20	23	1
3	QPSK	8	4	21.29	21.21	21.16		
3	QPSK	8	7	21.11	21.15	21.26		
3	QPSK	15	0	21.31	21.22	21.25		
3	16QAM	1	0	21.14	21.72	21.36	23	1
3	16QAM	1	8	21.42	21.77	21.15		
3	16QAM	1	14	21.45	21.67	21.25		
3	16QAM	8	0	20.18	20.15	20.26	22	2
3	16QAM	8	4	20.24	20.20	20.14		
3	16QAM	8	7	20.13	20.15	20.27		
3	16QAM	15	0	20.11	20.32	20.23		
3	64QAM	1	0	20.17	20.30	20.42	22	2
3	64QAM	1	8	20.43	20.59	20.46		
3	64QAM	1	14	20.37	20.46	20.41		
3	64QAM	8	0	19.18	19.33	19.41	21	3
3	64QAM	8	4	19.08	19.28	19.13		
3	64QAM	8	7	19.32	19.08	19.28		
3	64QAM	15	0	19.14	19.29	19.20		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.09	22.08	22.11	24	0
1.4	QPSK	1	3	22.35	22.12	22.08		
1.4	QPSK	1	5	22.11	22.26	22.34		
1.4	QPSK	3	0	22.26	22.23	22.24		
1.4	QPSK	3	1	22.17	22.20	22.23		
1.4	QPSK	3	3	22.14	22.27	22.31		
1.4	QPSK	6	0	21.26	21.16	21.21	23	1
1.4	16QAM	1	0	21.43	21.55	21.60	23	1
1.4	16QAM	1	3	21.40	21.71	21.18		
1.4	16QAM	1	5	21.82	21.78	21.64		
1.4	16QAM	3	0	21.22	21.06	21.27		
1.4	16QAM	3	1	21.10	21.15	21.20		
1.4	16QAM	3	3	21.25	21.27	21.13		
1.4	16QAM	6	0	20.27	20.35	20.29	22	2
1.4	64QAM	1	0	20.48	20.35	20.50	22	2
1.4	64QAM	1	3	20.47	20.52	20.15		
1.4	64QAM	1	5	20.21	20.23	20.25		
1.4	64QAM	3	0	20.40	20.29	20.37		
1.4	64QAM	3	1	20.38	20.01	20.45		
1.4	64QAM	3	3	20.32	20.19	20.51		
1.4	64QAM	6	0	19.29	19.13	19.16	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	18.76	18.95	18.76	20.5	0
20	QPSK	1	49	18.96	19.06	19.05		
20	QPSK	1	99	18.94	19.01	18.97		
20	QPSK	50	0	17.95	18.07	18.05	19.5	1
20	QPSK	50	24	17.94	17.88	18.02		
20	QPSK	50	50	17.88	17.93	17.92		
20	QPSK	100	0	17.80	18.04	17.92		
20	16QAM	1	0	18.22	18.31	17.69	19.5	1
20	16QAM	1	49	17.95	18.16	18.17		
20	16QAM	1	99	18.25	18.08	18.20		
20	16QAM	50	0	16.77	17.03	16.87	18.5	2
20	16QAM	50	24	16.87	16.92	17.02		
20	16QAM	50	50	16.83	17.04	17.03		
20	16QAM	100	0	16.90	16.94	16.88		
20	64QAM	1	0	16.94	16.71	16.83	18.5	2
20	64QAM	1	49	17.14	17.20	17.06		
20	64QAM	1	99	17.05	16.97	17.04		
20	64QAM	50	0	15.80	15.96	15.79	17.5	3
20	64QAM	50	24	15.88	15.77	15.84		
20	64QAM	50	50	15.89	15.89	15.92		
20	64QAM	100	0	15.76	15.84	15.89		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.75	18.90	18.71	20.5	0
15	QPSK	1	37	18.80	19.00	18.90		
15	QPSK	1	74	18.93	18.89	18.92		
15	QPSK	36	0	17.92	18.00	18.01	19.5	1
15	QPSK	36	20	17.79	17.85	17.95		
15	QPSK	36	39	17.86	17.81	17.91		
15	QPSK	75	0	17.77	17.94	17.80		
15	16QAM	1	0	18.07	18.30	17.59	19.5	1
15	16QAM	1	37	17.83	18.02	18.06		
15	16QAM	1	74	18.14	18.02	18.06		
15	16QAM	36	0	16.71	16.92	16.85	18.5	2
15	16QAM	36	20	16.74	16.80	16.99		
15	16QAM	36	39	16.75	16.97	17.01		
15	16QAM	75	0	16.77	16.87	16.86		
15	64QAM	1	0	16.92	16.70	16.72	18.5	2
15	64QAM	1	37	17.06	17.15	16.99		
15	64QAM	1	74	16.90	16.86	16.94		
15	64QAM	36	0	15.67	15.89	15.76	17.5	3
15	64QAM	36	20	15.87	15.64	15.77		
15	64QAM	36	39	15.81	15.78	15.82		
15	64QAM	75	0	15.65	15.74	15.88		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.68	18.94	18.73	20.5	0
10	QPSK	1	25	18.86	19.03	19.00		
10	QPSK	1	49	18.79	18.91	18.82		
10	QPSK	25	0	17.86	17.94	17.99	19.5	1
10	QPSK	25	12	17.85	17.78	17.93		
10	QPSK	25	25	17.81	17.81	17.78		
10	QPSK	50	0	17.69	17.95	17.89		
10	16QAM	1	0	18.20	18.21	17.67	19.5	1
10	16QAM	1	25	17.82	18.09	18.14		
10	16QAM	1	49	18.14	17.94	18.08		
10	16QAM	25	0	16.68	16.93	16.81	18.5	2
10	16QAM	25	12	16.80	16.77	16.91		
10	16QAM	25	25	16.72	17.00	16.94		
10	16QAM	50	0	16.80	16.92	16.86		
10	64QAM	1	0	16.92	16.65	16.77	18.5	2
10	64QAM	1	25	17.03	17.19	16.92		
10	64QAM	1	49	16.95	16.94	16.92		
10	64QAM	25	0	15.78	15.95	15.73	17.5	3
10	64QAM	25	12	15.81	15.62	15.78		
10	64QAM	25	25	15.86	15.80	15.79		
10	64QAM	50	0	15.74	15.79	15.88		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.67	18.84	18.75	20.5	0
5	QPSK	1	12	18.82	18.98	18.90		
5	QPSK	1	24	18.93	19.00	18.90		
5	QPSK	12	0	17.80	17.93	17.91	19.5	1
5	QPSK	12	7	17.89	17.77	17.98		
5	QPSK	12	13	17.85	17.88	17.81		
5	QPSK	25	0	17.79	17.92	17.85		
5	16QAM	1	0	18.08	18.24	17.68	19.5	1
5	16QAM	1	12	17.91	18.11	18.02		
5	16QAM	1	24	18.19	18.01	18.14		
5	16QAM	12	0	16.69	16.89	16.80	18.5	2
5	16QAM	12	7	16.85	16.90	16.96		
5	16QAM	12	13	16.71	16.93	16.99		
5	16QAM	25	0	16.83	16.89	16.78		
5	64QAM	1	0	16.93	16.63	16.81	18.5	2
5	64QAM	1	12	16.99	17.12	17.02		
5	64QAM	1	24	17.00	16.94	16.97		
5	64QAM	12	0	15.73	15.86	15.73	17.5	3
5	64QAM	12	7	15.83	15.64	15.73		
5	64QAM	12	13	15.74	15.75	15.81		
5	64QAM	25	0	15.69	15.69	15.88		

Band 7(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.30	19.22	19.20	20.5	0
20	QPSK	1	49	19.35	19.49	19.45		
20	QPSK	1	99	19.28	19.36	19.29		
20	QPSK	50	0	18.40	18.47	18.43	19.5	1
20	QPSK	50	24	18.24	18.24	18.36		
20	QPSK	50	50	18.25	18.13	18.20		
20	QPSK	100	0	18.22	18.23	18.21		
20	16QAM	1	0	18.73	18.67	18.67	19.5	1
20	16QAM	1	49	18.36	18.46	18.40		
20	16QAM	1	99	18.63	18.67	18.68		
20	16QAM	50	0	17.24	17.23	17.17	18.5	2
20	16QAM	50	24	17.17	17.31	17.24		
20	16QAM	50	50	17.18	17.26	17.24		
20	16QAM	100	0	17.25	17.25	17.27		
20	64QAM	1	0	17.26	17.23	17.35	18.5	2
20	64QAM	1	49	17.57	17.49	17.51		
20	64QAM	1	99	17.54	17.47	17.54		
20	64QAM	50	0	16.17	16.18	16.16	17.5	3
20	64QAM	50	24	16.20	16.22	16.22		
20	64QAM	50	50	16.23	16.15	16.20		
20	64QAM	100	0	16.08	16.19	16.17		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.20	19.15	19.12	20.5	0
15	QPSK	1	37	19.34	19.37	19.34		
15	QPSK	1	74	19.34	19.26	19.30		
15	QPSK	36	0	18.33	18.39	18.35	19.5	1
15	QPSK	36	20	18.13	18.15	18.13		
15	QPSK	36	39	18.09	18.12	17.99		
15	QPSK	75	0	18.12	18.19	18.18		
15	16QAM	1	0	18.54	18.63	18.62	19.5	1
15	16QAM	1	37	18.32	18.44	18.35		
15	16QAM	1	74	18.64	18.56	18.57		
15	16QAM	36	0	17.10	17.12	17.22	18.5	2
15	16QAM	36	20	17.21	17.28	17.21		
15	16QAM	36	39	17.22	17.11	17.14		
15	16QAM	75	0	17.14	17.20	17.17		
15	64QAM	1	0	17.17	17.16	17.17	18.5	2
15	64QAM	1	37	17.39	17.39	17.45		
15	64QAM	1	74	17.39	17.37	17.36		
15	64QAM	36	0	16.08	16.14	16.05	17.5	3
15	64QAM	36	20	16.17	16.13	16.08		
15	64QAM	36	39	16.11	16.07	16.10		
15	64QAM	75	0	16.14	16.10	16.09		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.13	19.15	19.08	20.5	0
10	QPSK	1	25	19.41	19.34	19.45		
10	QPSK	1	49	19.35	19.28	19.28		
10	QPSK	25	0	18.38	18.39	18.44	19.5	1
10	QPSK	25	12	18.20	18.19	18.11		
10	QPSK	25	25	18.10	17.98	17.98		
10	QPSK	50	0	18.17	18.12	18.13		
10	16QAM	1	0	18.60	18.64	18.65	19.5	1
10	16QAM	1	25	18.34	18.43	18.39		
10	16QAM	1	49	18.53	18.52	18.55		
10	16QAM	25	0	17.08	17.15	17.16	18.5	2
10	16QAM	25	12	17.20	17.28	17.26		
10	16QAM	25	25	17.20	17.21	17.22		
10	16QAM	50	0	17.24	17.14	17.13		
10	64QAM	1	0	17.16	17.20	17.19	18.5	2
10	64QAM	1	25	17.47	17.34	17.47		
10	64QAM	1	49	17.39	17.46	17.32		
10	64QAM	25	0	16.04	16.12	16.07	17.5	3
10	64QAM	25	12	16.13	16.10	16.13		
10	64QAM	25	25	16.03	16.09	16.08		
10	64QAM	50	0	16.04	16.07	16.04		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.08	19.20	19.20	20.5	0
5	QPSK	1	12	19.36	19.42	19.39		
5	QPSK	1	24	19.24	19.25	19.27		
5	QPSK	12	0	18.43	18.34	18.40	19.5	1
5	QPSK	12	7	18.17	18.19	18.20		
5	QPSK	12	13	18.03	18.09	18.08		
5	QPSK	25	0	18.16	18.22	18.15		
5	16QAM	1	0	18.59	18.64	18.59	19.5	1
5	16QAM	1	12	18.33	18.41	18.39		
5	16QAM	1	24	18.61	18.56	18.65		
5	16QAM	12	0	17.15	17.09	17.13	18.5	2
5	16QAM	12	7	17.29	17.19	17.18		
5	16QAM	12	13	17.24	17.19	17.12		
5	16QAM	25	0	17.17	17.24	17.12		
5	64QAM	1	0	17.11	17.13	17.19	18.5	2
5	64QAM	1	12	17.37	17.43	17.44		
5	64QAM	1	24	17.41	17.39	17.40		
5	64QAM	12	0	16.11	16.07	16.12	17.5	3
5	64QAM	12	7	16.15	16.08	16.20		
5	64QAM	12	13	16.09	16.04	16.14		
5	64QAM	25	0	16.10	16.16	16.09		

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	22.13	22.16	22.21	24	0
10	QPSK	1	25	22.23	22.30	22.26		
10	QPSK	1	49	22.17	22.24	22.23		
10	QPSK	25	0	21.26	21.27	21.26	23	1
10	QPSK	25	12	21.25	21.19	21.21		
10	QPSK	25	25	21.24	21.22	21.15		
10	QPSK	50	0	21.22	21.24	21.16		
10	16QAM	1	0	21.40	21.01	21.14	23	1
10	16QAM	1	25	21.52	21.43	21.56		
10	16QAM	1	49	21.41	21.58	21.77		
10	16QAM	25	0	20.19	20.19	20.17	22	2
10	16QAM	25	12	20.28	20.25	20.28		
10	16QAM	25	25	20.38	20.21	20.14		
10	16QAM	50	0	20.20	20.19	20.14		
10	64QAM	1	0	20.22	20.39	20.49	22	2
10	64QAM	1	25	20.33	20.19	20.26		
10	64QAM	1	49	20.47	20.43	20.40		
10	64QAM	25	0	19.16	19.13	19.18	21	3
10	64QAM	25	12	19.13	19.16	19.29		
10	64QAM	25	25	19.28	19.21	19.26		
10	64QAM	50	0	19.11	19.16	19.14		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.17	22.17	22.25	24	0
5	QPSK	1	12	22.22	22.10	22.19		
5	QPSK	1	24	22.12	22.19	22.28		
5	QPSK	12	0	21.32	21.36	21.20	23	1
5	QPSK	12	7	21.20	21.29	21.11		
5	QPSK	12	13	21.19	21.19	21.26		
5	QPSK	25	0	21.23	21.18	21.11		
5	16QAM	1	0	21.34	21.03	21.21	23	1
5	16QAM	1	12	21.46	21.46	21.63		
5	16QAM	1	24	21.44	21.57	21.78		
5	16QAM	12	0	20.26	20.12	20.18	22	2
5	16QAM	12	7	20.18	20.33	20.37		
5	16QAM	12	13	20.30	20.25	20.08		
5	16QAM	25	0	20.21	20.18	20.08		
5	64QAM	1	0	20.15	20.34	20.50	22	2
5	64QAM	1	12	20.31	20.29	20.32		
5	64QAM	1	24	20.39	20.42	20.44		
5	64QAM	12	0	19.07	19.11	19.15	21	3
5	64QAM	12	7	19.15	19.18	19.22		
5	64QAM	12	13	19.35	19.24	19.34		
5	64QAM	25	0	19.06	19.19	19.20		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.13	22.26	22.25	24	0
3	QPSK	1	8	22.21	22.24	22.16		
3	QPSK	1	14	22.11	22.28	22.18		
3	QPSK	8	0	21.25	21.33	21.27	23	1
3	QPSK	8	4	21.16	21.24	21.13		
3	QPSK	8	7	21.30	21.24	21.25		
3	QPSK	15	0	21.24	21.33	21.20		
3	16QAM	1	0	21.37	21.09	21.09	23	1
3	16QAM	1	8	21.55	21.50	21.50		
3	16QAM	1	14	21.44	21.67	21.84		
3	16QAM	8	0	20.11	20.18	20.26	22	2
3	16QAM	8	4	20.31	20.16	20.19		
3	16QAM	8	7	20.34	20.11	20.21		
3	16QAM	15	0	20.21	20.27	20.07		
3	64QAM	1	0	20.24	20.42	20.48	22	2
3	64QAM	1	8	20.35	20.20	20.36		
3	64QAM	1	14	20.38	20.39	20.30		
3	64QAM	8	0	19.14	19.10	19.27	21	3
3	64QAM	8	4	19.22	19.23	19.29		
3	64QAM	8	7	19.22	19.18	19.31		
3	64QAM	15	0	19.09	19.11	19.06		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.26	22.21	22.25	24	0
1.4	QPSK	1	3	22.13	22.27	22.08		
1.4	QPSK	1	5	22.19	22.10	22.26		
1.4	QPSK	3	0	22.17	22.23	22.18		
1.4	QPSK	3	1	22.27	22.27	22.20		
1.4	QPSK	3	3	22.16	22.20	22.25		
1.4	QPSK	6	0	21.25	21.17	21.24	23	1
1.4	16QAM	1	0	21.83	21.70	21.44	23	1
1.4	16QAM	1	3	21.20	21.09	21.87		
1.4	16QAM	1	5	21.87	21.71	21.70		
1.4	16QAM	3	0	21.03	21.09	21.30		
1.4	16QAM	3	1	21.15	21.18	21.08		
1.4	16QAM	3	3	21.29	21.04	21.11		
1.4	16QAM	6	0	20.24	20.21	20.17	22	2
1.4	64QAM	1	0	20.02	20.53	20.50	22	2
1.4	64QAM	1	3	20.65	20.36	20.31		
1.4	64QAM	1	5	20.15	20.42	20.19		
1.4	64QAM	3	0	20.38	20.32	20.19		
1.4	64QAM	3	1	20.18	20.37	20.34		
1.4	64QAM	3	3	20.32	20.26	20.30		
1.4	64QAM	6	0	19.17	19.12	19.17	21	3

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.39		24	0
10	QPSK	1	25		22.63			
10	QPSK	1	49		22.51			
10	QPSK	25	0		21.55		23	1
10	QPSK	25	12		21.46			
10	QPSK	25	25		21.50			
10	QPSK	50	0		21.54			
10	16QAM	1	0		21.32		23	1
10	16QAM	1	25		22.05			
10	16QAM	1	49		21.66			
10	16QAM	25	0		20.47		22	2
10	16QAM	25	12		20.56			
10	16QAM	25	25		20.53			
10	16QAM	50	0		20.51			
10	64QAM	1	0		20.57		22	2
10	64QAM	1	25		20.85			
10	64QAM	1	49		20.54			
10	64QAM	25	0		19.48		21	3
10	64QAM	25	12		19.55			
10	64QAM	25	25		19.47			
10	64QAM	50	0		19.49			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.39	22.56	22.61	24	0
5	QPSK	1	12	22.49	22.44	22.51		
5	QPSK	1	24	22.54	22.60	22.53		
5	QPSK	12	0	21.44	21.44	21.49	23	1
5	QPSK	12	7	21.45	21.47	21.49		
5	QPSK	12	13	21.41	21.43	21.44		
5	QPSK	25	0	21.45	21.47	21.49		
5	16QAM	1	0	22.03	21.46	21.43	23	1
5	16QAM	1	12	21.95	21.87	21.46		
5	16QAM	1	24	21.52	21.96	21.79		
5	16QAM	12	0	20.39	20.35	20.43	22	2
5	16QAM	12	7	20.28	20.45	20.36		
5	16QAM	12	13	20.41	20.32	20.42		
5	16QAM	25	0	20.38	20.53	20.48		
5	64QAM	1	0	20.42	20.42	20.88	22	2
5	64QAM	1	12	20.70	20.50	20.76		
5	64QAM	1	24	20.76	20.61	20.51		
5	64QAM	12	0	19.45	19.45	19.34	21	3
5	64QAM	12	7	19.42	19.42	19.49		
5	64QAM	12	13	19.34	19.35	19.47		
5	64QAM	25	0	19.43	19.47	19.37		

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	22.09	22.05	22.07	24	0
10	QPSK	1	25	22.12	22.23	22.22		
10	QPSK	1	49	22.11	22.15	22.01		
10	QPSK	25	0	21.07	21.11	21.06	23	1
10	QPSK	25	12	21.05	21.00	21.02		
10	QPSK	25	25	21.05	21.04	21.05		
10	QPSK	50	0	21.04	21.09	21.06		
10	16QAM	1	0	21.65	21.21	21.37	23	1
10	16QAM	1	25	21.70	21.17	21.42		
10	16QAM	1	49	21.09	21.39	21.34		
10	16QAM	25	0	20.04	20.01	20.03	22	2
10	16QAM	25	12	20.07	20.05	20.08		
10	16QAM	25	25	20.03	20.03	20.12		
10	16QAM	50	0	20.04	20.02	20.08		
10	64QAM	1	0	20.10	20.39	20.16	22	2
10	64QAM	1	25	20.13	20.18	20.38		
10	64QAM	1	49	20.36	20.45	20.18		
10	64QAM	25	0	19.15	19.11	19.12	21	3
10	64QAM	25	12	19.18	19.13	19.13		
10	64QAM	25	25	19.10	19.09	19.11		
10	64QAM	50	0	19.14	19.16	19.17		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.00	22.05	22.09	24	0
5	QPSK	1	12	22.06	22.09	22.15		
5	QPSK	1	24	22.12	22.14	22.09		
5	QPSK	12	0	21.05	21.05	21.11	23	1
5	QPSK	12	7	21.15	21.01	21.01		
5	QPSK	12	13	21.13	21.08	21.12		
5	QPSK	25	0	21.06	21.00	21.13		
5	16QAM	1	0	21.65	21.12	21.38	23	1
5	16QAM	1	12	21.61	21.23	21.38		
5	16QAM	1	24	21.11	21.30	21.25		
5	16QAM	12	0	20.03	20.00	20.07	22	2
5	16QAM	12	7	20.12	20.09	20.15		
5	16QAM	12	13	20.02	20.11	20.06		
5	16QAM	25	0	20.04	20.09	20.06		
5	64QAM	1	0	20.06	20.29	20.26	22	2
5	64QAM	1	12	20.18	20.24	20.39		
5	64QAM	1	24	20.31	20.47	20.28		
5	64QAM	12	0	19.25	19.11	19.03	21	3
5	64QAM	12	7	19.18	19.16	19.12		
5	64QAM	12	13	19.18	19.13	19.18		
5	64QAM	25	0	19.10	19.22	19.25		

Band 25_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.46	18.48	18.52	20	0
20	QPSK	1	49	18.70	18.72	18.67		
20	QPSK	1	99	18.51	18.53	18.48		
20	QPSK	50	0	17.65	17.66	17.61	19	1
20	QPSK	50	24	17.58	17.52	17.49		
20	QPSK	50	50	17.50	17.54	17.46		
20	QPSK	100	0	17.56	17.63	17.54		
20	16QAM	1	0	17.70	18.03	17.52	19	1
20	16QAM	1	49	18.04	18.20	17.79		
20	16QAM	1	99	17.90	18.03	17.36		
20	16QAM	50	0	16.50	16.65	16.64	18	2
20	16QAM	50	24	16.68	16.57	16.66		
20	16QAM	50	50	16.58	16.46	16.52		
20	16QAM	100	0	16.47	16.54	16.54		
20	64QAM	1	0	16.56	16.50	16.92	18	2
20	64QAM	1	49	16.70	16.48	16.35		
20	64QAM	1	99	16.72	16.73	16.45		
20	64QAM	50	0	15.55	15.74	15.58	17	3
20	64QAM	50	24	15.51	15.45	15.60		
20	64QAM	50	50	15.57	15.51	15.40		
20	64QAM	100	0	15.53	15.41	15.49		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.34	18.33	18.40	20	0
15	QPSK	1	37	18.56	18.67	18.59		
15	QPSK	1	74	18.41	18.50	18.45		
15	QPSK	36	0	17.61	17.60	17.60	19	1
15	QPSK	36	20	17.56	17.37	17.42		
15	QPSK	36	39	17.44	17.44	17.39		
15	QPSK	75	0	17.54	17.56	17.46		
15	16QAM	1	0	17.65	17.88	17.48	19	1
15	16QAM	1	37	18.02	18.16	17.67		
15	16QAM	1	74	17.88	18.01	17.31		
15	16QAM	36	0	16.39	16.50	16.55	18	2
15	16QAM	36	20	16.53	16.49	16.57		
15	16QAM	36	39	16.47	16.34	16.41		
15	16QAM	75	0	16.46	16.46	16.40		
15	64QAM	1	0	16.42	16.38	16.86	18	2
15	64QAM	1	37	16.57	16.46	16.21		
15	64QAM	1	74	16.59	16.60	16.42		
15	64QAM	36	0	15.49	15.70	15.55	17	3
15	64QAM	36	20	15.42	15.34	15.49		
15	64QAM	36	39	15.46	15.45	15.35		
15	64QAM	75	0	15.52	15.32	15.39		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.43	18.34	18.42	20	0
10	QPSK	1	25	18.67	18.71	18.55		
10	QPSK	1	49	18.37	18.48	18.40		
10	QPSK	25	0	17.51	17.53	17.56	19	1
10	QPSK	25	12	17.46	17.41	17.38		
10	QPSK	25	25	17.43	17.46	17.35		
10	QPSK	50	0	17.45	17.57	17.41		
10	16QAM	1	0	17.66	17.99	17.49	19	1
10	16QAM	1	25	17.94	18.15	17.71		
10	16QAM	1	49	17.77	17.88	17.27		
10	16QAM	25	0	16.48	16.53	16.58	18	2
10	16QAM	25	12	16.64	16.56	16.53		
10	16QAM	25	25	16.54	16.34	16.40		
10	16QAM	50	0	16.44	16.49	16.41		
10	64QAM	1	0	16.55	16.48	16.86	18	2
10	64QAM	1	25	16.60	16.38	16.23		
10	64QAM	1	49	16.63	16.60	16.39		
10	64QAM	25	0	15.44	15.68	15.52	17	3
10	64QAM	25	12	15.44	15.43	15.53		
10	64QAM	25	25	15.54	15.39	15.31		
10	64QAM	50	0	15.43	15.38	15.44		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.45	18.46	18.49	20	0
5	QPSK	1	12	18.68	18.62	18.58		
5	QPSK	1	24	18.50	18.49	18.45		
5	QPSK	12	0	17.50	17.63	17.59	19	1
5	QPSK	12	7	17.47	17.48	17.35		
5	QPSK	12	13	17.44	17.47	17.40		
5	QPSK	25	0	17.47	17.58	17.40		
5	16QAM	1	0	17.62	17.95	17.45	19	1
5	16QAM	1	12	17.92	18.18	17.70		
5	16QAM	1	24	17.84	17.98	17.21		
5	16QAM	12	0	16.36	16.55	16.62	18	2
5	16QAM	12	7	16.53	16.45	16.61		
5	16QAM	12	13	16.48	16.44	16.43		
5	16QAM	25	0	16.36	16.50	16.50		
5	64QAM	1	0	16.54	16.43	16.84	18	2
5	64QAM	1	12	16.68	16.40	16.25		
5	64QAM	1	24	16.65	16.65	16.43		
5	64QAM	12	0	15.42	15.62	15.50	17	3
5	64QAM	12	7	15.43	15.39	15.47		
5	64QAM	12	13	15.50	15.41	15.28		
5	64QAM	25	0	15.38	15.37	15.39		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.39	18.33	18.42	20	0
3	QPSK	1	8	18.55	18.57	18.58		
3	QPSK	1	14	18.40	18.51	18.47		
3	QPSK	8	0	17.62	17.56	17.51	19	1
3	QPSK	8	4	17.56	17.39	17.34		
3	QPSK	8	7	17.39	17.51	17.33		
3	QPSK	15	0	17.43	17.48	17.43		
3	16QAM	1	0	17.57	17.97	17.50	19	1
3	16QAM	1	8	17.97	18.19	17.74		
3	16QAM	1	14	17.79	17.90	17.22		
3	16QAM	8	0	16.46	16.52	16.54	18	2
3	16QAM	8	4	16.60	16.45	16.57		
3	16QAM	8	7	16.43	16.41	16.39		
3	16QAM	15	0	16.37	16.46	16.44		
3	64QAM	1	0	16.42	16.49	16.82	18	2
3	64QAM	1	8	16.55	16.46	16.20		
3	64QAM	1	14	16.61	16.62	16.36		
3	64QAM	8	0	15.45	15.64	15.48	17	3
3	64QAM	8	4	15.45	15.40	15.54		
3	64QAM	8	7	15.52	15.49	15.39		
3	64QAM	15	0	15.48	15.35	15.34		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.48	18.52	18.52	20	0
1.4	QPSK	1	3	18.55	18.56	18.46		
1.4	QPSK	1	5	18.47	18.60	18.64		
1.4	QPSK	3	0	18.46	18.50	18.64		
1.4	QPSK	3	1	18.50	18.58	18.56		
1.4	QPSK	3	3	18.51	18.59	18.59		
1.4	QPSK	6	0	17.40	17.57	17.52	19	1
1.4	16QAM	1	0	18.00	17.71	17.86	19	1
1.4	16QAM	1	3	17.50	17.63	17.92		
1.4	16QAM	1	5	17.70	18.11	17.46		
1.4	16QAM	3	0	17.49	17.63	17.44		
1.4	16QAM	3	1	17.56	17.54	17.61		
1.4	16QAM	3	3	17.53	17.56	17.57		
1.4	16QAM	6	0	16.50	16.73	16.48	18	2
1.4	64QAM	1	0	16.71	16.37	16.60	18	2
1.4	64QAM	1	3	16.64	16.61	16.55		
1.4	64QAM	1	5	16.68	16.69	16.63		
1.4	64QAM	3	0	16.68	16.51	16.57		
1.4	64QAM	3	1	16.72	16.55	16.60		
1.4	64QAM	3	3	16.51	16.31	16.70		
1.4	64QAM	6	0	15.38	15.46	15.50	17	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	22.50	22.61	22.35	24	0
15	QPSK	1	37	22.51	22.74	22.45		
15	QPSK	1	74	22.43	22.62	22.39		
15	QPSK	36	0	21.04	21.64	21.49	23	1
15	QPSK	36	20	21.51	21.62	21.39		
15	QPSK	36	39	21.49	21.63	21.42		
15	QPSK	75	0	21.58	21.62	21.45		
15	16QAM	1	0	21.58	21.55	22.00	23	1
15	16QAM	1	37	22.09	21.72	21.56		
15	16QAM	1	74	21.44	22.11	21.82		
15	16QAM	36	0	20.60	20.58	20.49	22	2
15	16QAM	36	20	20.56	20.51	20.47		
15	16QAM	36	39	20.58	20.66	20.39		
15	16QAM	75	0	20.55	20.66	20.40		
15	64QAM	1	0	20.26	20.93	20.46	22	2
15	64QAM	1	37	20.89	20.57	20.68		
15	64QAM	1	74	20.48	20.87	20.63		
15	64QAM	36	0	19.51	19.64	19.54	21	3
15	64QAM	36	20	19.56	19.64	19.37		
15	64QAM	36	39	19.45	19.58	19.43		
15	64QAM	75	0	19.51	19.51	19.46		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.47	22.65	22.38	24	0
10	QPSK	1	25	22.57	22.62	22.39		
10	QPSK	1	49	22.51	22.68	22.33		
10	QPSK	25	0	21.55	21.65	21.52	23	1
10	QPSK	25	12	21.48	21.70	21.34		
10	QPSK	25	25	21.54	21.55	21.46		
10	QPSK	50	0	21.52	21.59	21.38		
10	16QAM	1	0	21.52	21.50	22.02	23	1
10	16QAM	1	25	22.14	21.74	21.59		
10	16QAM	1	49	21.46	22.04	21.81		
10	16QAM	25	0	20.51	20.55	20.52	22	2
10	16QAM	25	12	20.61	20.59	20.56		
10	16QAM	25	25	20.61	20.76	20.47		
10	16QAM	50	0	20.52	20.61	20.35		
10	64QAM	1	0	20.21	20.84	20.55	22	2
10	64QAM	1	25	20.89	20.65	20.60		
10	64QAM	1	49	20.41	20.97	20.73		
10	64QAM	25	0	19.61	19.63	19.45	21	3
10	64QAM	25	12	19.48	19.74	19.38		
10	64QAM	25	25	19.49	19.61	19.45		
10	64QAM	50	0	19.52	19.46	19.51		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.52	22.55	22.40	24	0
5	QPSK	1	12	22.48	22.63	22.40		
5	QPSK	1	24	22.35	22.55	22.47		
5	QPSK	12	0	21.62	21.67	21.57	23	1
5	QPSK	12	7	21.61	21.62	21.34		
5	QPSK	12	13	21.58	21.64	21.32		
5	QPSK	25	0	21.67	21.65	21.45		
5	16QAM	1	0	21.64	21.49	22.09	23	1
5	16QAM	1	12	22.03	21.64	21.64		
5	16QAM	1	24	21.38	22.15	21.81		
5	16QAM	12	0	20.61	20.56	20.56	22	2
5	16QAM	12	7	20.66	20.57	20.39		
5	16QAM	12	13	20.56	20.71	20.33		
5	16QAM	25	0	20.54	20.76	20.44		
5	64QAM	1	0	20.36	20.83	20.41	22	2
5	64QAM	1	12	20.88	20.62	20.72		
5	64QAM	1	24	20.56	20.83	20.59		
5	64QAM	12	0	19.59	19.63	19.49	21	3
5	64QAM	12	7	19.60	19.62	19.46		
5	64QAM	12	13	19.43	19.57	19.52		
5	64QAM	25	0	19.48	19.57	19.44		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.55	22.71	22.30	24	0
3	QPSK	1	8	22.42	22.70	22.49		
3	QPSK	1	14	22.37	22.69	22.47		
3	QPSK	8	0	21.52	21.74	21.52	23	1
3	QPSK	8	4	21.56	21.72	21.32		
3	QPSK	8	7	21.49	21.72	21.34		
3	QPSK	15	0	21.60	21.69	21.35		
3	16QAM	1	0	21.60	21.46	22.09	23	1
3	16QAM	1	8	22.07	21.76	21.61		
3	16QAM	1	14	21.45	22.13	21.72		
3	16QAM	8	0	20.67	20.64	20.39	22	2
3	16QAM	8	4	20.53	20.45	20.38		
3	16QAM	8	7	20.67	20.61	20.35		
3	16QAM	15	0	20.45	20.61	20.36		
3	64QAM	1	0	20.35	20.92	20.54	22	2
3	64QAM	1	8	20.82	20.58	20.70		
3	64QAM	1	14	20.46	20.90	20.53		
3	64QAM	8	0	19.49	19.59	19.49	21	3
3	64QAM	8	4	19.64	19.54	19.39		
3	64QAM	8	7	19.51	19.66	19.43		
3	64QAM	15	0	19.56	19.56	19.55		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.49	22.53	22.18	24	0
1.4	QPSK	1	3	22.65	22.47	22.45		
1.4	QPSK	1	5	22.68	22.42	22.36		
1.4	QPSK	3	0	22.60	22.55	22.46		
1.4	QPSK	3	1	22.67	22.51	22.28		
1.4	QPSK	3	3	22.65	22.43	22.33		
1.4	QPSK	6	0	21.65	21.52	21.30	23	1
1.4	16QAM	1	0	21.56	22.09	21.54	23	1
1.4	16QAM	1	3	21.87	21.74	21.25		
1.4	16QAM	1	5	21.92	22.03	21.64		
1.4	16QAM	3	0	21.68	21.57	21.41		
1.4	16QAM	3	1	21.65	21.54	21.39		
1.4	16QAM	3	3	21.72	21.45	21.38		
1.4	16QAM	6	0	20.70	20.49	20.49	22	2
1.4	64QAM	1	0	20.79	20.75	20.35	22	2
1.4	64QAM	1	3	20.66	20.24	20.62		
1.4	64QAM	1	5	20.68	20.84	20.66		
1.4	64QAM	3	0	20.66	20.69	20.50		
1.4	64QAM	3	1	20.86	20.73	20.52		
1.4	64QAM	3	3	20.69	20.70	20.42		
1.4	64QAM	6	0	19.63	19.61	19.33	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	18.38	18.40	18.33	20	0
20	QPSK	1	49	18.52	18.60	18.57		
20	QPSK	1	99	18.42	18.26	18.40		
20	QPSK	50	0	17.55	17.59	17.48	19	1
20	QPSK	50	24	17.52	17.58	17.39		
20	QPSK	50	50	17.45	17.41	17.37		
20	QPSK	100	0	17.44	17.51	17.40		
20	16QAM	1	0	17.92	17.89	17.94	19	1
20	16QAM	1	49	18.02	17.49	17.35		
20	16QAM	1	99	17.38	17.51	17.74		
20	16QAM	50	0	16.43	16.57	16.43	18	2
20	16QAM	50	24	16.44	16.41	16.46		
20	16QAM	50	50	16.40	16.48	16.30		
20	16QAM	100	0	16.51	16.38	16.32		
20	64QAM	1	0	16.56	16.69	16.47	18	2
20	64QAM	1	49	16.55	16.64	16.80		
20	64QAM	1	99	16.69	16.39	16.41		
20	64QAM	50	0	15.35	15.40	15.43	17	3
20	64QAM	50	24	15.40	15.42	15.46		
20	64QAM	50	50	15.43	15.34	15.31		
20	64QAM	100	0	15.34	15.26	15.29		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.32	18.28	18.24	20	0
15	QPSK	1	37	18.51	18.56	18.46		
15	QPSK	1	74	18.28	18.18	18.39		
15	QPSK	36	0	17.44	17.51	17.39	19	1
15	QPSK	36	20	17.45	17.48	17.29		
15	QPSK	36	39	17.34	17.28	17.31		
15	QPSK	75	0	17.43	17.43	17.34		
15	16QAM	1	0	17.77	17.74	17.90	19	1
15	16QAM	1	37	18.01	17.35	17.26		
15	16QAM	1	74	17.28	17.50	17.65		
15	16QAM	36	0	16.30	16.47	16.34	18	2
15	16QAM	36	20	16.33	16.26	16.39		
15	16QAM	36	39	16.31	16.36	16.24		
15	16QAM	75	0	16.37	16.33	16.25		
15	64QAM	1	0	16.50	16.60	16.41	18	2
15	64QAM	1	37	16.52	16.53	16.79		
15	64QAM	1	74	16.66	16.33	16.34		
15	64QAM	36	0	15.31	15.39	15.37	17	3
15	64QAM	36	20	15.28	15.31	15.45		
15	64QAM	36	39	15.36	15.27	15.16		
15	64QAM	75	0	15.23	15.14	15.28		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.34	18.36	18.27	20	0
10	QPSK	1	25	18.44	18.54	18.43		
10	QPSK	1	49	18.34	18.25	18.38		
10	QPSK	25	0	17.54	17.46	17.34	19	1
10	QPSK	25	12	17.39	17.44	17.32		
10	QPSK	25	25	17.38	17.35	17.35		
10	QPSK	50	0	17.34	17.37	17.39		
10	16QAM	1	0	17.87	17.74	17.89	19	1
10	16QAM	1	25	17.99	17.41	17.28		
10	16QAM	1	49	17.29	17.45	17.62		
10	16QAM	25	0	16.35	16.45	16.36	18	2
10	16QAM	25	12	16.43	16.37	16.39		
10	16QAM	25	25	16.34	16.40	16.23		
10	16QAM	50	0	16.37	16.36	16.19		
10	64QAM	1	0	16.52	16.62	16.46	18	2
10	64QAM	1	25	16.45	16.53	16.67		
10	64QAM	1	49	16.64	16.30	16.30		
10	64QAM	25	0	15.24	15.27	15.40	17	3
10	64QAM	25	12	15.27	15.36	15.45		
10	64QAM	25	25	15.28	15.28	15.23		
10	64QAM	50	0	15.30	15.25	15.26		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.28	18.39	18.23	20	0
5	QPSK	1	12	18.40	18.50	18.49		
5	QPSK	1	24	18.28	18.19	18.35		
5	QPSK	12	0	17.50	17.49	17.37	19	1
5	QPSK	12	7	17.49	17.50	17.24		
5	QPSK	12	13	17.36	17.36	17.26		
5	QPSK	25	0	17.31	17.42	17.36		
5	16QAM	1	0	17.82	17.79	17.86	19	1
5	16QAM	1	12	17.96	17.41	17.23		
5	16QAM	1	24	17.27	17.44	17.64		
5	16QAM	12	0	16.34	16.54	16.32	18	2
5	16QAM	12	7	16.43	16.28	16.45		
5	16QAM	12	13	16.32	16.44	16.29		
5	16QAM	25	0	16.46	16.37	16.27		
5	64QAM	1	0	16.54	16.62	16.32	18	2
5	64QAM	1	12	16.40	16.50	16.76		
5	64QAM	1	24	16.55	16.31	16.33		
5	64QAM	12	0	15.20	15.31	15.34	17	3
5	64QAM	12	7	15.37	15.38	15.42		
5	64QAM	12	13	15.31	15.31	15.21		
5	64QAM	25	0	15.20	15.21	15.22		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.29	18.29	18.20	20	0
3	QPSK	1	8	18.48	18.58	18.55		
3	QPSK	1	14	18.36	18.15	18.31		
3	QPSK	8	0	17.40	17.49	17.38	19	1
3	QPSK	8	4	17.39	17.57	17.28		
3	QPSK	8	7	17.44	17.40	17.34		
3	QPSK	15	0	17.40	17.42	17.33		
3	16QAM	1	0	17.80	17.84	17.80	19	1
3	16QAM	1	8	18.00	17.48	17.31		
3	16QAM	1	14	17.28	17.49	17.71		
3	16QAM	8	0	16.30	16.54	16.37	18	2
3	16QAM	8	4	16.40	16.34	16.32		
3	16QAM	8	7	16.38	16.35	16.25		
3	16QAM	15	0	16.47	16.25	16.19		
3	64QAM	1	0	16.51	16.67	16.43	18	2
3	64QAM	1	8	16.46	16.58	16.68		
3	64QAM	1	14	16.61	16.36	16.37		
3	64QAM	8	0	15.25	15.39	15.37	17	3
3	64QAM	8	4	15.33	15.33	15.42		
3	64QAM	8	7	15.41	15.20	15.24		
3	64QAM	15	0	15.24	15.11	15.25		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.35	18.39	18.41	20	0
1.4	QPSK	1	3	18.30	18.57	18.48		
1.4	QPSK	1	5	18.37	18.36	18.29		
1.4	QPSK	3	0	18.39	18.51	18.44		
1.4	QPSK	3	1	18.41	18.54	18.38		
1.4	QPSK	3	3	18.43	18.47	18.39		
1.4	QPSK	6	0	17.36	17.45	17.34	19	1
1.4	16QAM	1	0	17.67	17.84	17.89	19	1
1.4	16QAM	1	3	17.56	17.38	17.62		
1.4	16QAM	1	5	17.32	17.89	17.53		
1.4	16QAM	3	0	17.41	17.43	17.37		
1.4	16QAM	3	1	17.46	17.53	17.46		
1.4	16QAM	3	3	17.29	17.50	17.37		
1.4	16QAM	6	0	16.33	16.40	16.31	18	2
1.4	64QAM	1	0	16.56	16.70	16.68	18	2
1.4	64QAM	1	3	16.10	16.53	16.49		
1.4	64QAM	1	5	16.72	16.55	16.37		
1.4	64QAM	3	0	16.34	16.50	16.53		
1.4	64QAM	3	1	16.11	16.72	16.47		
1.4	64QAM	3	3	16.45	16.44	16.42		
1.4	64QAM	6	0	15.41	15.41	15.28	17	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	18.96	18.89	18.90	20	0
20	QPSK	1	49	19.11	19.25	19.14		
20	QPSK	1	99	19.08	18.99	19.03		
20	QPSK	50	0	18.03	18.17	18.09	19	1
20	QPSK	50	24	17.98	17.91	17.90		
20	QPSK	50	50	17.84	17.92	17.82		
20	QPSK	100	0	17.87	17.96	17.91		
20	16QAM	1	0	17.84	17.94	17.91	19	1
20	16QAM	1	49	17.92	17.93	18.01		
20	16QAM	1	99	17.96	17.95	18.07		
20	16QAM	50	0	17.05	16.97	16.96	18	2
20	16QAM	50	24	16.89	16.99	16.97		
20	16QAM	50	50	16.91	16.87	16.96		
20	16QAM	100	0	17.05	16.93	17.06		
20	64QAM	1	0	17.01	16.99	17.04	18	2
20	64QAM	1	49	16.95	17.06	16.97		
20	64QAM	1	99	17.02	16.94	16.92		
20	64QAM	50	0	15.95	16.05	15.95	17	3
20	64QAM	50	24	16.02	16.06	15.99		
20	64QAM	50	50	15.96	15.91	15.93		
20	64QAM	100	0	15.94	15.98	15.93		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.85	18.79	18.88	20	0
15	QPSK	1	37	19.13	19.05	19.09		
15	QPSK	1	74	18.94	18.90	18.94		
15	QPSK	36	0	18.04	17.95	18.04	19	1
15	QPSK	36	20	17.84	17.76	17.81		
15	QPSK	36	39	17.75	17.70	17.68		
15	QPSK	75	0	17.76	17.80	17.87		
15	16QAM	1	0	17.78	17.76	17.87	19	1
15	16QAM	1	37	17.95	17.94	17.96		
15	16QAM	1	74	17.95	17.97	18.03		
15	16QAM	36	0	16.93	16.95	16.90	18	2
15	16QAM	36	20	16.87	16.87	16.86		
15	16QAM	36	39	16.86	16.92	16.88		
15	16QAM	75	0	17.05	16.98	17.02		
15	64QAM	1	0	16.95	17.00	16.92	18	2
15	64QAM	1	37	16.92	16.83	16.93		
15	64QAM	1	74	16.85	16.91	16.89		
15	64QAM	36	0	15.87	15.87	15.89	17	3
15	64QAM	36	20	15.84	15.96	15.90		
15	64QAM	36	39	15.79	15.85	15.82		
15	64QAM	75	0	15.86	15.78	15.85		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.89	18.83	18.75	20	0
10	QPSK	1	25	19.09	19.07	18.99		
10	QPSK	1	49	18.90	18.90	18.89		
10	QPSK	25	0	18.01	18.06	17.95	19	1
10	QPSK	25	12	17.86	17.78	17.78		
10	QPSK	25	25	17.76	17.79	17.80		
10	QPSK	50	0	17.80	17.77	17.90		
10	16QAM	1	0	17.77	17.82	17.85	19	1
10	16QAM	1	25	17.93	17.98	17.86		
10	16QAM	1	49	18.04	17.94	18.02		
10	16QAM	25	0	16.89	16.90	16.87	18	2
10	16QAM	25	12	16.93	16.89	16.87		
10	16QAM	25	25	16.92	16.84	16.89		
10	16QAM	50	0	16.94	16.93	16.99		
10	64QAM	1	0	17.00	17.03	17.03	18	2
10	64QAM	1	25	16.95	16.89	16.91		
10	64QAM	1	49	16.86	16.81	16.90		
10	64QAM	25	0	15.86	15.83	15.90	17	3
10	64QAM	25	12	15.96	15.87	15.87		
10	64QAM	25	25	15.80	15.91	15.91		
10	64QAM	50	0	15.79	15.79	15.80		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.89	18.81	18.84	20	0
5	QPSK	1	12	19.03	19.04	19.01		
5	QPSK	1	24	18.99	18.89	18.89		
5	QPSK	12	0	18.01	17.96	17.97	19	1
5	QPSK	12	7	17.77	17.82	17.78		
5	QPSK	12	13	17.77	17.68	17.69		
5	QPSK	25	0	17.85	17.83	17.82		
5	16QAM	1	0	17.89	17.80	17.81	19	1
5	16QAM	1	12	18.00	17.88	17.93		
5	16QAM	1	24	18.02	18.00	17.99		
5	16QAM	12	0	16.83	16.95	16.94	18	2
5	16QAM	12	7	16.85	16.84	16.96		
5	16QAM	12	13	16.94	16.89	16.90		
5	16QAM	25	0	17.04	17.02	16.96		
5	64QAM	1	0	16.96	16.96	17.02	18	2
5	64QAM	1	12	16.87	16.83	16.89		
5	64QAM	1	24	16.87	16.90	16.87		
5	64QAM	12	0	15.85	15.90	15.84	17	3
5	64QAM	12	7	15.95	15.95	15.88		
5	64QAM	12	13	15.83	15.87	15.88		
5	64QAM	25	0	15.83	15.84	15.86		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.77	18.89	18.80	20	0
3	QPSK	1	8	19.03	19.00	19.07		
3	QPSK	1	14	18.99	18.96	18.95		
3	QPSK	8	0	18.04	17.98	18.06	19	1
3	QPSK	8	4	17.81	17.75	17.75		
3	QPSK	8	7	17.74	17.72	17.73		
3	QPSK	15	0	17.82	17.88	17.80		
3	16QAM	1	0	17.89	17.84	17.89	19	1
3	16QAM	1	8	17.97	17.99	17.87		
3	16QAM	1	14	17.92	18.06	17.95		
3	16QAM	8	0	16.89	16.85	16.82	18	2
3	16QAM	8	4	16.93	16.83	16.84		
3	16QAM	8	7	16.88	16.92	16.82		
3	16QAM	15	0	16.98	16.97	17.02		
3	64QAM	1	0	16.97	16.99	16.99	18	2
3	64QAM	1	8	16.83	16.87	16.85		
3	64QAM	1	14	16.87	16.87	16.90		
3	64QAM	8	0	15.91	15.84	15.81	17	3
3	64QAM	8	4	15.90	15.88	15.86		
3	64QAM	8	7	15.92	15.85	15.79		
3	64QAM	15	0	15.90	15.81	15.87		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.92	18.95	19.02	20	0
1.4	QPSK	1	3	18.83	19.12	19.06		
1.4	QPSK	1	5	18.94	18.94	18.90		
1.4	QPSK	3	0	18.95	19.05	19.02		
1.4	QPSK	3	1	18.96	19.13	18.99		
1.4	QPSK	3	3	19.00	19.01	18.95		
1.4	QPSK	6	0	17.87	17.98	17.89	19	1
1.4	16QAM	1	0	18.25	18.43	18.46	19	1
1.4	16QAM	1	3	18.09	17.91	18.17		
1.4	16QAM	1	5	17.90	18.41	18.07		
1.4	16QAM	3	0	17.96	18.00	17.91		
1.4	16QAM	3	1	18.00	18.07	18.04		
1.4	16QAM	3	3	17.83	18.04	17.89		
1.4	16QAM	6	0	16.87	16.95	16.86	18	2
1.4	64QAM	1	0	17.12	17.26	17.22	18	2
1.4	64QAM	1	3	16.58	17.03	16.99		
1.4	64QAM	1	5	17.23	17.10	16.88		
1.4	64QAM	3	0	16.84	17.06	17.07		
1.4	64QAM	3	1	16.61	17.25	16.98		
1.4	64QAM	3	3	16.97	16.98	16.98		
1.4	64QAM	6	0	15.93	15.91	15.78	17	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	14.66	14.84	14.73	16.5	0
20	QPSK	1	49	14.81	14.94	14.92		
20	QPSK	1	99	14.72	14.65	14.70		
20	QPSK	50	0	13.91	13.98	13.97	15.5	1
20	QPSK	50	24	13.88	13.81	13.90		
20	QPSK	50	50	13.71	13.80	13.83		
20	QPSK	100	0	13.84	13.85	13.79		
20	16QAM	1	0	13.88	14.06	13.95	15.5	1
20	16QAM	1	49	13.95	14.39	13.82		
20	16QAM	1	99	14.12	14.21	13.76		
20	16QAM	50	0	12.70	12.81	12.80	14.5	2
20	16QAM	50	24	12.83	12.87	12.77		
20	16QAM	50	50	12.83	12.78	12.74		
20	16QAM	100	0	12.79	12.82	12.83		
20	64QAM	1	0	12.66	12.77	13.03	14.5	2
20	64QAM	1	49	12.82	12.94	12.91		
20	64QAM	1	99	12.84	12.96	12.94		
20	64QAM	50	0	11.81	11.83	11.82	13.5	3
20	64QAM	50	24	11.75	11.99	11.83		
20	64QAM	50	50	11.77	11.79	11.60		
20	64QAM	100	0	11.78	11.73	11.69		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	14.56	14.78	14.63	16.5	0
15	QPSK	1	37	14.66	14.93	14.78		
15	QPSK	1	74	14.68	14.57	14.61		
15	QPSK	36	0	13.76	13.86	13.89	15.5	1
15	QPSK	36	20	13.73	13.78	13.88		
15	QPSK	36	39	13.62	13.77	13.72		
15	QPSK	75	0	13.81	13.70	13.66		
15	16QAM	1	0	13.80	14.04	13.83	15.5	1
15	16QAM	1	37	13.90	14.29	13.70		
15	16QAM	1	74	14.04	14.17	13.62		
15	16QAM	36	0	12.66	12.67	12.67	14.5	2
15	16QAM	36	20	12.74	12.84	12.76		
15	16QAM	36	39	12.79	12.70	12.68		
15	16QAM	75	0	12.69	12.77	12.81		
15	64QAM	1	0	12.55	12.74	12.93	14.5	2
15	64QAM	1	37	12.80	12.82	12.86		
15	64QAM	1	74	12.75	12.82	12.84		
15	64QAM	36	0	11.80	11.81	11.80	13.5	3
15	64QAM	36	20	11.66	11.86	11.79		
15	64QAM	36	39	11.63	11.65	11.53		
15	64QAM	75	0	11.65	11.58	11.60		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	14.55	14.72	14.70	16.5	0
10	QPSK	1	25	14.75	14.80	14.78		
10	QPSK	1	49	14.64	14.53	14.65		
10	QPSK	25	0	13.88	13.92	13.88	15.5	1
10	QPSK	25	12	13.87	13.79	13.82		
10	QPSK	25	25	13.57	13.70	13.77		
10	QPSK	50	0	13.72	13.82	13.69		
10	16QAM	1	0	13.82	14.03	13.88	15.5	1
10	16QAM	1	25	13.94	14.38	13.73		
10	16QAM	1	49	14.10	14.13	13.70		
10	16QAM	25	0	12.63	12.79	12.71	14.5	2
10	16QAM	25	12	12.71	12.80	12.64		
10	16QAM	25	25	12.78	12.65	12.68		
10	16QAM	50	0	12.72	12.69	12.80		
10	64QAM	1	0	12.64	12.69	13.01	14.5	2
10	64QAM	1	25	12.80	12.90	12.80		
10	64QAM	1	49	12.80	12.86	12.82		
10	64QAM	25	0	11.76	11.76	11.67	13.5	3
10	64QAM	25	12	11.73	11.87	11.77		
10	64QAM	25	25	11.76	11.76	11.55		
10	64QAM	50	0	11.69	11.58	11.55		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	14.61	14.74	14.59	16.5	0
5	QPSK	1	12	14.68	14.85	14.90		
5	QPSK	1	24	14.58	14.60	14.58		
5	QPSK	12	0	13.76	13.96	13.88	15.5	1
5	QPSK	12	7	13.74	13.73	13.84		
5	QPSK	12	13	13.69	13.70	13.68		
5	QPSK	25	0	13.69	13.71	13.64		
5	16QAM	1	0	13.78	13.97	13.80	15.5	1
5	16QAM	1	12	13.86	14.26	13.80		
5	16QAM	1	24	14.06	14.11	13.67		
5	16QAM	12	0	12.63	12.79	12.72	14.5	2
5	16QAM	12	7	12.77	12.77	12.72		
5	16QAM	12	13	12.71	12.73	12.65		
5	16QAM	25	0	12.65	12.70	12.70		
5	64QAM	1	0	12.52	12.65	12.92	14.5	2
5	64QAM	1	12	12.81	12.83	12.82		
5	64QAM	1	24	12.82	12.94	12.83		
5	64QAM	12	0	11.67	11.78	11.79	13.5	3
5	64QAM	12	7	11.74	11.88	11.80		
5	64QAM	12	13	11.64	11.73	11.54		
5	64QAM	25	0	11.74	11.66	11.64		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	14.59	14.76	14.67	16.5	0
3	QPSK	1	8	14.71	14.91	14.79		
3	QPSK	1	14	14.58	14.52	14.63		
3	QPSK	8	0	13.76	13.91	13.87	15.5	1
3	QPSK	8	4	13.75	13.75	13.87		
3	QPSK	8	7	13.64	13.79	13.75		
3	QPSK	15	0	13.73	13.78	13.74		
3	16QAM	1	0	13.77	13.91	13.82	15.5	1
3	16QAM	1	8	13.87	14.36	13.74		
3	16QAM	1	14	14.02	14.07	13.74		
3	16QAM	8	0	12.68	12.71	12.73	14.5	2
3	16QAM	8	4	12.80	12.81	12.76		
3	16QAM	8	7	12.76	12.65	12.62		
3	16QAM	15	0	12.73	12.69	12.79		
3	64QAM	1	0	12.55	12.70	13.01	14.5	2
3	64QAM	1	8	12.73	12.87	12.84		
3	64QAM	1	14	12.70	12.84	12.89		
3	64QAM	8	0	11.78	11.81	11.67	13.5	3
3	64QAM	8	4	11.63	11.91	11.81		
3	64QAM	8	7	11.74	11.74	11.51		
3	64QAM	15	0	11.74	11.71	11.57		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	14.66	14.86	14.74	16.5	0
1.4	QPSK	1	3	14.76	14.85	14.72		
1.4	QPSK	1	5	14.66	14.82	14.82		
1.4	QPSK	3	0	14.71	14.79	14.73		
1.4	QPSK	3	1	14.62	14.82	14.68		
1.4	QPSK	3	3	14.71	14.83	14.74		
1.4	QPSK	6	0	13.69	13.82	13.71	15.5	1
1.4	16QAM	1	0	14.21	14.01	13.91	15.5	1
1.4	16QAM	1	3	14.29	14.30	14.30		
1.4	16QAM	1	5	13.93	14.32	14.28		
1.4	16QAM	3	0	13.72	13.69	13.73		
1.4	16QAM	3	1	13.56	13.76	13.63		
1.4	16QAM	3	3	13.62	13.75	13.75		
1.4	16QAM	6	0	12.75	12.91	12.73	14.5	2
1.4	64QAM	1	0	12.72	12.56	12.98	14.5	2
1.4	64QAM	1	3	12.88	13.10	12.93		
1.4	64QAM	1	5	12.78	12.90	12.91		
1.4	64QAM	3	0	12.87	12.84	12.81		
1.4	64QAM	3	1	12.89	12.88	12.88		
1.4	64QAM	3	3	12.76	12.56	12.85		
1.4	64QAM	6	0	11.53	11.74	11.77	13.5	3

Band 38_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.95	21.07	21.05	22.5	0
20	QPSK	1	49	21.26	21.28	21.18		
20	QPSK	1	99	21.14	21.12	21.08		
20	QPSK	50	0	20.44	20.45	20.39	21.5	1
20	QPSK	50	24	20.31	20.31	20.29		
20	QPSK	50	50	20.29	20.32	20.33		
20	QPSK	100	0	20.33	20.42	20.37		
20	16QAM	1	0	20.28	20.28	20.37	21.5	1
20	16QAM	1	49	20.48	20.57	20.50		
20	16QAM	1	99	20.48	20.40	20.42		
20	16QAM	50	0	19.30	19.35	19.28	20.5	2
20	16QAM	50	24	19.35	19.45	19.37		
20	16QAM	50	50	19.38	19.32	19.35		
20	16QAM	100	0	19.39	19.23	19.37		
20	64QAM	1	0	18.89	18.91	19.00	20.5	2
20	64QAM	1	49	19.16	19.15	19.20		
20	64QAM	1	99	19.13	19.09	19.05		
20	64QAM	50	0	18.38	18.27	18.32	19.5	3
20	64QAM	50	24	18.39	18.30	18.44		
20	64QAM	50	50	18.27	18.29	18.33		
20	64QAM	100	0	18.22	18.27	18.39		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.89	21.04	20.99	22.5	0
15	QPSK	1	37	21.17	21.27	21.14		
15	QPSK	1	74	21.01	21.05	21.04		
15	QPSK	36	0	20.31	20.33	20.35	21.5	1
15	QPSK	36	20	20.20	20.25	20.16		
15	QPSK	36	39	20.21	20.21	20.23		
15	QPSK	75	0	20.23	20.30	20.35		
15	16QAM	1	0	20.22	20.21	20.26	21.5	1
15	16QAM	1	37	20.41	20.45	20.37		
15	16QAM	1	74	20.37	20.30	20.40		
15	16QAM	36	0	19.29	19.21	19.25	20.5	2
15	16QAM	36	20	19.33	19.35	19.30		
15	16QAM	36	39	19.30	19.31	19.30		
15	16QAM	75	0	19.29	19.16	19.36		
15	64QAM	1	0	18.88	18.85	18.94	20.5	2
15	64QAM	1	37	19.04	19.12	19.12		
15	64QAM	1	74	19.01	19.07	18.98		
15	64QAM	36	0	18.31	18.23	18.18	19.5	3
15	64QAM	36	20	18.30	18.20	18.37		
15	64QAM	36	39	18.15	18.21	18.29		
15	64QAM	75	0	18.14	18.21	18.30		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.91	20.92	20.98	22.5	0
10	QPSK	1	25	21.11	21.13	21.10		
10	QPSK	1	49	21.03	21.04	21.00		
10	QPSK	25	0	20.42	20.22	20.31	21.5	1
10	QPSK	25	12	20.21	20.18	20.20		
10	QPSK	25	25	20.20	20.24	20.30		
10	QPSK	50	0	20.23	20.35	20.36		
10	16QAM	1	0	20.22	20.16	20.23	21.5	1
10	16QAM	1	25	20.42	20.51	20.39		
10	16QAM	1	49	20.46	20.32	20.38		
10	16QAM	25	0	19.26	19.33	19.27	20.5	2
10	16QAM	25	12	19.20	19.40	19.33		
10	16QAM	25	25	19.35	19.26	19.22		
10	16QAM	50	0	19.31	19.15	19.22		
10	64QAM	1	0	18.85	18.85	18.85	20.5	2
10	64QAM	1	25	19.14	19.10	19.18		
10	64QAM	1	49	19.02	19.06	18.95		
10	64QAM	25	0	18.24	18.14	18.18	19.5	3
10	64QAM	25	12	18.35	18.25	18.36		
10	64QAM	25	25	18.16	18.16	18.32		
10	64QAM	50	0	18.08	18.14	18.25		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.91	21.00	20.94	22.5	0
5	QPSK	1	12	21.20	21.21	21.06		
5	QPSK	1	24	21.00	21.07	21.02		
5	QPSK	12	0	20.32	20.33	20.28	21.5	1
5	QPSK	12	7	20.30	20.19	20.17		
5	QPSK	12	13	20.14	20.28	20.29		
5	QPSK	25	0	20.27	20.40	20.32		
5	16QAM	1	0	20.19	20.20	20.30	21.5	1
5	16QAM	1	12	20.41	20.49	20.35		
5	16QAM	1	24	20.44	20.25	20.27		
5	16QAM	12	0	19.29	19.32	19.23	20.5	2
5	16QAM	12	7	19.21	19.37	19.26		
5	16QAM	12	13	19.34	19.27	19.34		
5	16QAM	25	0	19.24	19.14	19.30		
5	64QAM	1	0	18.79	18.86	18.88	20.5	2
5	64QAM	1	12	19.15	19.12	19.05		
5	64QAM	1	24	18.98	19.04	18.94		
5	64QAM	12	0	18.25	18.16	18.18	19.5	3
5	64QAM	12	7	18.36	18.15	18.30		
5	64QAM	12	13	18.26	18.17	18.26		
5	64QAM	25	0	18.16	18.20	18.33		

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.30	21.19	21.20	22.5	0
20	QPSK	1	49	21.46	21.54	21.51		
20	QPSK	1	99	21.42	21.52	21.49		
20	QPSK	50	0	20.74	20.78	20.71	21.5	1
20	QPSK	50	24	20.72	20.64	20.65		
20	QPSK	50	50	20.59	20.60	20.68		
20	QPSK	100	0	20.70	20.73	20.62		
20	16QAM	1	0	20.47	20.43	20.49	21.5	1
20	16QAM	1	49	20.86	20.81	20.74		
20	16QAM	1	99	20.66	20.76	20.71		
20	16QAM	50	0	19.50	19.49	19.54	20.5	2
20	16QAM	50	24	19.63	19.68	19.64		
20	16QAM	50	50	19.72	19.64	19.67		
20	16QAM	100	0	19.59	19.70	19.63		
20	64QAM	1	0	19.18	19.18	19.24	20.5	2
20	64QAM	1	49	19.42	19.47	19.43		
20	64QAM	1	99	19.27	19.38	19.28		
20	64QAM	50	0	18.56	18.56	18.52	19.5	3
20	64QAM	50	24	18.69	18.70	18.72		
20	64QAM	50	50	18.55	18.56	18.64		
20	64QAM	100	0	18.62	18.58	18.51		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.16	21.11	21.17	22.5	0
15	QPSK	1	37	21.45	21.49	21.53		
15	QPSK	1	74	21.43	21.46	21.48		
15	QPSK	36	0	20.66	20.68	20.69	21.5	1
15	QPSK	36	20	20.60	20.54	20.59		
15	QPSK	36	39	20.58	20.49	20.52		
15	QPSK	75	0	20.65	20.60	20.61		
15	16QAM	1	0	20.41	20.39	20.39	21.5	1
15	16QAM	1	37	20.79	20.77	20.74		
15	16QAM	1	74	20.69	20.68	20.73		
15	16QAM	36	0	19.34	19.35	19.37	20.5	2
15	16QAM	36	20	19.54	19.60	19.65		
15	16QAM	36	39	19.63	19.58	19.60		
15	16QAM	75	0	19.65	19.67	19.64		
15	64QAM	1	0	19.12	19.10	19.05	20.5	2
15	64QAM	1	37	19.36	19.36	19.42		
15	64QAM	1	74	19.31	19.35	19.24		
15	64QAM	36	0	18.41	18.53	18.55	19.5	3
15	64QAM	36	20	18.68	18.68	18.60		
15	64QAM	36	39	18.54	18.49	18.48		
15	64QAM	75	0	18.44	18.46	18.50		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.12	21.14	21.04	22.5	0
10	QPSK	1	25	21.52	21.45	21.46		
10	QPSK	1	49	21.48	21.44	21.41		
10	QPSK	25	0	20.76	20.64	20.65	21.5	1
10	QPSK	25	12	20.51	20.58	20.52		
10	QPSK	25	25	20.48	20.48	20.58		
10	QPSK	50	0	20.72	20.58	20.72		
10	16QAM	1	0	20.30	20.30	20.32	21.5	1
10	16QAM	1	25	20.78	20.71	20.74		
10	16QAM	1	49	20.70	20.68	20.64		
10	16QAM	25	0	19.45	19.35	19.41	20.5	2
10	16QAM	25	12	19.58	19.67	19.63		
10	16QAM	25	25	19.51	19.51	19.55		
10	16QAM	50	0	19.57	19.65	19.61		
10	64QAM	1	0	19.10	19.12	19.15	20.5	2
10	64QAM	1	25	19.34	19.46	19.37		
10	64QAM	1	49	19.26	19.37	19.31		
10	64QAM	25	0	18.46	18.48	18.45	19.5	3
10	64QAM	25	12	18.55	18.60	18.56		
10	64QAM	25	25	18.43	18.52	18.55		
10	64QAM	50	0	18.54	18.57	18.45		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.14	21.15	21.06	22.5	0
5	QPSK	1	12	21.44	21.48	21.49		
5	QPSK	1	24	21.39	21.43	21.38		
5	QPSK	12	0	20.69	20.66	20.66	21.5	1
5	QPSK	12	7	20.60	20.49	20.60		
5	QPSK	12	13	20.51	20.50	20.48		
5	QPSK	25	0	20.72	20.65	20.62		
5	16QAM	1	0	20.42	20.35	20.40	21.5	1
5	16QAM	1	12	20.77	20.76	20.77		
5	16QAM	1	24	20.74	20.62	20.74		
5	16QAM	12	0	19.36	19.36	19.40	20.5	2
5	16QAM	12	7	19.62	19.55	19.66		
5	16QAM	12	13	19.58	19.60	19.54		
5	16QAM	25	0	19.55	19.59	19.57		
5	64QAM	1	0	19.10	19.17	19.06	20.5	2
5	64QAM	1	12	19.36	19.41	19.34		
5	64QAM	1	24	19.31	19.33	19.30		
5	64QAM	12	0	18.49	18.47	18.43	19.5	3
5	64QAM	12	7	18.66	18.68	18.60		
5	64QAM	12	13	18.45	18.51	18.54		
5	64QAM	25	0	18.57	18.43	18.55		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.94	20.87	21.02	21.04	21.01	22.5	0
20	QPSK	1	49	21.03	21.18	21.37	21.19	21.26		
20	QPSK	1	99	21.00	21.06	21.12	21.07	21.24		
20	QPSK	50	0	20.05	20.20	20.49	20.45	20.43	21.5	1
20	QPSK	50	24	19.99	20.18	20.31	20.43	20.41		
20	QPSK	50	50	20.03	20.16	20.37	20.24	20.35		
20	QPSK	100	0	20.08	20.08	20.48	20.40	20.41		
20	16QAM	1	0	19.96	19.97	20.32	20.39	20.22	21.5	1
20	16QAM	1	49	20.14	20.17	20.48	20.40	20.38		
20	16QAM	1	99	20.05	20.14	20.30	20.31	20.34		
20	16QAM	50	0	19.14	19.33	19.38	19.36	19.32	20.5	2
20	16QAM	50	24	19.28	19.30	19.38	19.32	19.45		
20	16QAM	50	50	19.18	19.33	19.38	19.27	19.43		
20	16QAM	100	0	19.15	19.25	19.31	19.42	19.48		
20	64QAM	1	0	18.90	18.80	19.02	19.01	18.94	20.5	2
20	64QAM	1	49	18.99	18.97	19.19	19.13	19.22		
20	64QAM	1	99	18.80	18.96	19.10	18.94	19.07		
20	64QAM	50	0	18.13	18.29	18.37	18.33	18.28	19.5	3
20	64QAM	50	24	18.12	18.34	18.40	18.41	18.30		
20	64QAM	50	50	18.21	18.31	18.32	18.25	18.35		
20	64QAM	100	0	18.20	18.25	18.41	18.39	18.37		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.88	20.83	20.87	20.93	21.00	22.5	0
15	QPSK	1	37	21.01	21.12	21.36	21.17	21.22		
15	QPSK	1	74	20.89	20.94	20.99	20.94	21.19		
15	QPSK	36	0	19.99	20.08	20.34	20.30	20.28	21.5	1
15	QPSK	36	20	19.93	20.12	20.20	20.28	20.39		
15	QPSK	36	39	19.95	20.08	20.29	20.11	20.29		
15	QPSK	75	0	19.95	20.02	20.46	20.26	20.27		
15	16QAM	1	0	19.93	19.93	20.29	20.38	20.13	21.5	1
15	16QAM	1	37	20.04	20.07	20.46	20.34	20.28		
15	16QAM	1	74	19.92	20.11	20.19	20.16	20.31		
15	16QAM	36	0	19.08	19.22	19.24	19.29	19.22	20.5	2
15	16QAM	36	20	19.23	19.20	19.31	19.24	19.33		
15	16QAM	36	39	19.03	19.19	19.28	19.25	19.40		
15	16QAM	75	0	19.06	19.20	19.21	19.40	19.39		
15	64QAM	1	0	18.75	18.79	18.87	18.90	18.89	20.5	2
15	64QAM	1	37	18.86	18.91	19.09	19.11	19.15		
15	64QAM	1	74	18.68	18.86	19.06	18.83	18.97		
15	64QAM	36	0	18.03	18.17	18.27	18.30	18.16	19.5	3
15	64QAM	36	20	18.02	18.20	18.37	18.38	18.24		
15	64QAM	36	39	18.18	18.19	18.24	18.19	18.22		
15	64QAM	75	0	18.06	18.15	18.29	18.26	18.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.84	20.72	20.99	20.89	20.97	22.5	0
10	QPSK	1	25	20.91	21.16	21.33	21.13	21.24		
10	QPSK	1	49	20.88	21.00	21.03	21.04	21.14		
10	QPSK	25	0	19.91	20.13	20.42	20.36	20.39	21.5	1
10	QPSK	25	12	19.85	20.13	20.18	20.35	20.31		
10	QPSK	25	25	20.02	20.04	20.26	20.21	20.27		
10	QPSK	50	0	19.98	19.95	20.37	20.34	20.30		
10	16QAM	1	0	19.89	19.94	20.19	20.26	20.19	21.5	1
10	16QAM	1	25	20.09	20.07	20.40	20.37	20.36		
10	16QAM	1	49	19.94	20.13	20.28	20.27	20.32		
10	16QAM	25	0	19.01	19.24	19.31	19.33	19.30	20.5	2
10	16QAM	25	12	19.21	19.15	19.27	19.18	19.35		
10	16QAM	25	25	19.16	19.28	19.26	19.23	19.28		
10	16QAM	50	0	19.08	19.21	19.21	19.39	19.37		
10	64QAM	1	0	18.82	18.65	18.99	18.97	18.91	20.5	2
10	64QAM	1	25	18.86	18.86	19.16	18.99	19.13		
10	64QAM	1	49	18.67	18.81	19.06	18.83	18.97		
10	64QAM	25	0	18.02	18.22	18.36	18.26	18.27	19.5	3
10	64QAM	25	12	17.99	18.31	18.26	18.28	18.24		
10	64QAM	25	25	18.07	18.21	18.19	18.16	18.29		
10	64QAM	50	0	18.18	18.13	18.37	18.35	18.32		
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	20.92	20.72	20.96	21.02	20.93	22.5	0
5	QPSK	1	12	20.93	21.06	21.22	21.10	21.14		
5	QPSK	1	24	20.87	21.03	21.00	21.02	21.23		
5	QPSK	12	0	19.92	20.11	20.36	20.31	20.39	21.5	1
5	QPSK	12	7	19.85	20.11	20.20	20.34	20.38		
5	QPSK	12	13	19.91	20.12	20.23	20.10	20.32		
5	QPSK	25	0	19.95	20.03	20.41	20.27	20.31		
5	16QAM	1	0	19.95	19.84	20.26	20.37	20.17	21.5	1
5	16QAM	1	12	20.06	20.13	20.33	20.29	20.29		
5	16QAM	1	24	20.00	20.10	20.21	20.20	20.33		
5	16QAM	12	0	19.13	19.21	19.29	19.22	19.26	20.5	2
5	16QAM	12	7	19.21	19.27	19.24	19.18	19.41		
5	16QAM	12	13	19.17	19.29	19.31	19.16	19.35		
5	16QAM	25	0	19.10	19.24	19.30	19.34	19.46		
5	64QAM	1	0	18.83	18.69	18.88	18.95	18.81	20.5	2
5	64QAM	1	12	18.92	18.88	19.15	19.06	19.12		
5	64QAM	1	24	18.71	18.81	19.09	18.83	18.95		
5	64QAM	12	0	18.10	18.26	18.30	18.30	18.13	19.5	3
5	64QAM	12	7	18.04	18.25	18.26	18.38	18.24		
5	64QAM	12	13	18.14	18.27	18.23	18.24	18.21		
5	64QAM	25	0	18.13	18.13	18.28	18.32	18.33		

Band 41(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.25	21.25	21.21	21.23	21.29	22.5	0
20	QPSK	1	49	21.30	21.38	21.47	21.39	21.37		
20	QPSK	1	99	21.23	21.30	21.26	21.24	21.27		
20	QPSK	50	0	20.37	20.39	20.43	20.38	20.41	21.5	1
20	QPSK	50	24	20.30	20.38	20.24	20.24	20.38		
20	QPSK	50	50	20.32	20.33	20.33	20.28	20.26		
20	QPSK	100	0	20.30	20.27	20.32	20.31	20.30		
20	16QAM	1	0	20.36	20.26	20.25	20.31	20.28	21.5	1
20	16QAM	1	49	20.48	20.48	20.62	20.61	20.48		
20	16QAM	1	99	20.43	20.43	20.49	20.35	20.48		
20	16QAM	50	0	19.44	19.55	19.46	19.54	19.44	20.5	2
20	16QAM	50	24	19.55	19.62	19.53	19.63	19.62		
20	16QAM	50	50	19.52	19.55	19.52	19.58	19.57		
20	16QAM	100	0	19.43	19.47	19.39	19.43	19.48		
20	64QAM	1	0	19.18	19.18	19.14	19.18	19.16	20.5	2
20	64QAM	1	49	19.32	19.29	19.35	19.31	19.31		
20	64QAM	1	99	19.09	19.21	19.09	19.14	19.15		
20	64QAM	50	0	18.29	18.32	18.42	18.42	18.29	19.5	3
20	64QAM	50	24	18.38	18.49	18.46	18.44	18.37		
20	64QAM	50	50	18.39	18.46	18.35	18.37	18.43		
20	64QAM	100	0	18.43	18.40	18.30	18.42	18.41		
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	21.21	21.22	21.22	21.10	21.16	22.5	0
15	QPSK	1	37	21.28	21.20	21.21	21.24	21.16		
15	QPSK	1	74	21.17	21.16	21.19	21.15	21.20		
15	QPSK	36	0	20.34	20.32	20.32	20.22	20.25	21.5	1
15	QPSK	36	20	20.21	20.15	20.19	20.19	20.23		
15	QPSK	36	39	20.24	20.19	20.28	20.22	20.23		
15	QPSK	75	0	20.17	20.19	20.23	20.26	20.23		
15	16QAM	1	0	20.35	20.34	20.30	20.28	20.28	21.5	1
15	16QAM	1	37	20.36	20.37	20.37	20.47	20.44		
15	16QAM	1	74	20.37	20.42	20.31	20.36	20.33		
15	16QAM	36	0	19.37	19.39	19.31	19.39	19.39	20.5	2
15	16QAM	36	20	19.48	19.44	19.46	19.41	19.41		
15	16QAM	36	39	19.49	19.41	19.51	19.51	19.50		
15	16QAM	75	0	19.29	19.34	19.36	19.42	19.41		
15	64QAM	1	0	19.08	19.04	19.15	19.04	19.14	20.5	2
15	64QAM	1	37	19.27	19.24	19.25	19.23	19.20		
15	64QAM	1	74	18.98	19.07	18.95	18.98	19.03		
15	64QAM	36	0	18.15	18.14	18.26	18.16	18.16	19.5	3
15	64QAM	36	20	18.35	18.32	18.23	18.37	18.27		
15	64QAM	36	39	18.33	18.27	18.24	18.27	18.33		
15	64QAM	75	0	18.40	18.28	18.34	18.29	18.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.17	21.11	21.11	21.13	21.16	22.5	0
10	QPSK	1	25	21.24	21.24	21.29	21.28	21.21		
10	QPSK	1	49	21.19	21.14	21.13	21.22	21.09		
10	QPSK	25	0	20.24	20.33	20.26	20.27	20.23	21.5	1
10	QPSK	25	12	20.20	20.17	20.29	20.15	20.15		
10	QPSK	25	25	20.30	20.22	20.30	20.28	20.25		
10	QPSK	50	0	20.19	20.29	20.20	20.22	20.27		
10	16QAM	1	0	20.22	20.24	20.34	20.30	20.22	21.5	1
10	16QAM	1	25	20.45	20.35	20.43	20.44	20.38		
10	16QAM	1	49	20.39	20.35	20.41	20.33	20.37		
10	16QAM	25	0	19.31	19.40	19.38	19.30	19.38	20.5	2
10	16QAM	25	12	19.51	19.42	19.49	19.50	19.47		
10	16QAM	25	25	19.45	19.38	19.48	19.46	19.51		
10	16QAM	50	0	19.34	19.30	19.35	19.37	19.35		
10	64QAM	1	0	19.13	19.07	19.06	19.15	19.05	20.5	2
10	64QAM	1	25	19.23	19.21	19.24	19.20	19.27		
10	64QAM	1	49	18.96	18.97	18.97	19.00	18.99		
10	64QAM	25	0	18.28	18.26	18.24	18.17	18.17	19.5	3
10	64QAM	25	12	18.31	18.36	18.28	18.35	18.23		
10	64QAM	25	25	18.36	18.26	18.34	18.34	18.35		
10	64QAM	50	0	18.35	18.36	18.28	18.29	18.38		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.21	21.15	21.23	21.12	21.13	22.5	0
5	QPSK	1	12	21.16	21.27	21.27	21.20	21.20		
5	QPSK	1	24	21.11	21.18	21.19	21.15	21.18		
5	QPSK	12	0	20.26	20.30	20.35	20.33	20.34	21.5	1
5	QPSK	12	7	20.27	20.29	20.29	20.22	20.16		
5	QPSK	12	13	20.23	20.25	20.28	20.18	20.18		
5	QPSK	25	0	20.27	20.24	20.29	20.23	20.24		
5	16QAM	1	0	20.34	20.21	20.21	20.24	20.22	21.5	1
5	16QAM	1	12	20.39	20.47	20.40	20.41	20.38		
5	16QAM	1	24	20.40	20.29	20.41	20.32	20.36		
5	16QAM	12	0	19.38	19.34	19.40	19.36	19.43	20.5	2
5	16QAM	12	7	19.54	19.44	19.52	19.43	19.42		
5	16QAM	12	13	19.50	19.44	19.47	19.38	19.48		
5	16QAM	25	0	19.28	19.30	19.35	19.41	19.34		
5	64QAM	1	0	19.12	19.06	19.06	19.07	19.11	20.5	2
5	64QAM	1	12	19.28	19.21	19.17	19.24	19.21		
5	64QAM	1	24	19.06	18.94	18.98	19.04	19.07		
5	64QAM	12	0	18.21	18.21	18.22	18.20	18.22	19.5	3
5	64QAM	12	7	18.31	18.32	18.33	18.28	18.34		
5	64QAM	12	13	18.26	18.33	18.24	18.28	18.37		
5	64QAM	25	0	18.34	18.37	18.38	18.39	18.28		

Part 27Q_Band 42_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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	12.40	12.54	12.34	13.5	0
20	QPSK	1	49	12.58	12.57	12.44		
20	QPSK	1	99	12.28	12.35	12.18		
20	QPSK	50	0	11.66	11.65	11.45	12.5	1
20	QPSK	50	24	11.50	11.58	11.41		
20	QPSK	50	50	11.49	11.45	11.40		
20	QPSK	100	0	11.56	11.55	11.44		
20	16QAM	1	0	11.48	11.54	11.39	12.5	1
20	16QAM	1	49	11.56	11.55	11.44		
20	16QAM	1	99	11.33	11.38	11.22		
20	16QAM	50	0	10.49	10.64	10.47	11.5	2
20	16QAM	50	24	10.56	10.51	10.43		
20	16QAM	50	50	10.43	10.50	10.38		
20	16QAM	100	0	10.48	10.53	10.36		
20	64QAM	1	0	10.17	10.28	10.10	11.5	2
20	64QAM	1	49	10.30	10.26	10.19		
20	64QAM	1	99	10.01	10.10	9.93		
20	64QAM	50	0	9.50	9.57	9.41	10.5	3
20	64QAM	50	24	9.45	9.54	9.42		
20	64QAM	50	50	9.44	9.49	9.29		
20	64QAM	100	0	9.43	9.50	9.39		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	12.26	12.41	12.26	13.5	0
15	QPSK	1	37	12.45	12.45	12.39		
15	QPSK	1	74	12.24	12.32	12.06		
15	QPSK	36	0	11.51	11.63	11.42	12.5	1
15	QPSK	36	20	11.43	11.49	11.40		
15	QPSK	36	39	11.46	11.37	11.39		
15	QPSK	75	0	11.48	11.51	11.36		
15	16QAM	1	0	11.38	11.39	11.30	12.5	1
15	16QAM	1	37	11.41	11.42	11.29		
15	16QAM	1	74	11.28	11.28	11.09		
15	16QAM	36	0	10.35	10.63	10.34	11.5	2
15	16QAM	36	20	10.44	10.47	10.38		
15	16QAM	36	39	10.35	10.42	10.29		
15	16QAM	75	0	10.37	10.41	10.23		
15	64QAM	1	0	10.03	10.25	10.03	11.5	2
15	64QAM	1	37	10.17	10.12	10.07		
15	64QAM	1	74	9.91	9.97	9.91		
15	64QAM	36	0	9.48	9.49	9.34	10.5	3
15	64QAM	36	20	9.40	9.39	9.36		
15	64QAM	36	39	9.32	9.40	9.16		
15	64QAM	75	0	9.32	9.44	9.30		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	12.36	12.49	12.32	13.5	0
10	QPSK	1	25	12.52	12.48	12.30		
10	QPSK	1	49	12.25	12.20	12.10		
10	QPSK	25	0	11.61	11.62	11.41	12.5	1
10	QPSK	25	12	11.36	11.50	11.29		
10	QPSK	25	25	11.40	11.31	11.26		
10	QPSK	50	0	11.48	11.52	11.39		
10	16QAM	1	0	11.35	11.51	11.31	12.5	1
10	16QAM	1	25	11.48	11.51	11.37		
10	16QAM	1	49	11.20	11.27	11.13		
10	16QAM	25	0	10.41	10.59	10.33	11.5	2
10	16QAM	25	12	10.41	10.44	10.40		
10	16QAM	25	25	10.42	10.48	10.27		
10	16QAM	50	0	10.36	10.39	10.30		
10	64QAM	1	0	10.08	10.18	10.03	11.5	2
10	64QAM	1	25	10.19	10.12	10.11		
10	64QAM	1	49	9.87	10.05	9.78		
10	64QAM	25	0	9.46	9.51	9.31	10.5	3
10	64QAM	25	12	9.37	9.46	9.40		
10	64QAM	25	25	9.41	9.44	9.15		
10	64QAM	50	0	9.29	9.37	9.24		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	12.26	12.41	12.27	13.5	0
5	QPSK	1	12	12.47	12.42	12.42		
5	QPSK	1	24	12.27	12.25	12.12		
5	QPSK	12	0	11.53	11.62	11.39	12.5	1
5	QPSK	12	7	11.48	11.53	11.40		
5	QPSK	12	13	11.41	11.30	11.25		
5	QPSK	25	0	11.48	11.49	11.33		
5	16QAM	1	0	11.34	11.39	11.30	12.5	1
5	16QAM	1	12	11.48	11.52	11.43		
5	16QAM	1	24	11.32	11.34	11.20		
5	16QAM	12	0	10.46	10.57	10.37	11.5	2
5	16QAM	12	7	10.51	10.47	10.28		
5	16QAM	12	13	10.41	10.46	10.28		
5	16QAM	25	0	10.40	10.40	10.35		
5	64QAM	1	0	10.03	10.20	10.08	11.5	2
5	64QAM	1	12	10.20	10.19	10.16		
5	64QAM	1	24	9.93	10.05	9.80		
5	64QAM	12	0	9.38	9.47	9.34	10.5	3
5	64QAM	12	7	9.42	9.52	9.34		
5	64QAM	12	13	9.36	9.36	9.24		
5	64QAM	25	0	9.28	9.44	9.34		

Reduced Power Mode for Sensor off

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	31.90	31.83	31.64	**33.50**	22.90	22.83	22.64	24.50
GPRS 1 Tx slot	31.90	31.89	31.62	**33.50**	22.90	22.89	22.62	24.50
GPRS 2 Tx slots	31.36	31.31	31.12	**33.00**	25.36	25.31	25.12	27.00
GPRS 3 Tx slots	29.76	29.74	29.62	**31.50**	25.50	25.48	25.36	27.24
GPRS 4 Tx slots	28.52	28.59	28.54	**30.50**	25.52	25.59	25.54	27.50
EDGE 1 Tx slot	25.79	26.25	25.88	**27.50**	16.79	17.25	16.88	18.50
EDGE 2 Tx slots	24.23	24.39	24.28	**25.50**	18.23	18.39	18.28	19.50
EDGE 3 Tx slots	21.79	22.03	21.96	**23.50**	17.53	17.77	17.70	19.24
EDGE 4 Tx slots	20.49	20.56	20.47	**22.00**	17.49	17.56	17.47	19.00

GSM1900_Ant 1	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	28.93	28.84	28.69	**30.50**	19.93	19.84	19.69	21.50
GPRS 1 Tx slot	28.95	28.89	28.69	**30.50**	19.95	19.89	19.69	21.50
GPRS 2 Tx slots	28.34	28.23	28.02	**30.00**	22.34	22.23	22.02	24.00
GPRS 3 Tx slots	26.78	26.67	26.55	**28.50**	22.52	22.41	22.29	24.24
GPRS 4 Tx slots	25.50	25.61	25.54	**27.50**	22.50	22.61	22.54	24.50
EDGE 1 Tx slot	25.19	24.85	24.70	**26.50**	16.19	15.85	15.70	17.50
EDGE 2 Tx slots	23.99	23.78	23.54	**25.50**	17.99	17.78	17.54	19.50
EDGE 3 Tx slots	21.66	21.67	21.53	**23.50**	17.40	17.41	17.27	19.24
EDGE 4 Tx slots	20.27	20.28	20.10	**22.00**	17.27	17.28	17.10	19.00

Band		WCDMA II_Ant 1			Tune-up Limit (dBm)	WCDMA IV_Ant 1			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.53	22.72	22.71	**24.00**	22.29	22.36	22.31	**24.00**	22.52	22.58	22.49	**24.00**
3GPP Rel 99	RMC 12.2Kbps	22.54	22.78	22.74	**24.00**	22.33	22.38	22.32	**24.00**	22.56	22.61	22.50	**24.00**
3GPP Rel 6	HSDPA Subtest-1	21.55	21.71	21.66	**23.00**	21.28	21.35	21.31	**23.00**	21.48	21.62	21.47	**23.00**
3GPP Rel 6	HSDPA Subtest-2	21.55	21.67	21.63	**23.00**	21.24	21.30	21.33	**23.00**	21.47	21.60	21.47	**23.00**
3GPP Rel 6	HSDPA Subtest-3	21.07	21.23	21.15	**22.50**	20.83	20.87	20.84	**22.50**	21.01	21.12	21.00	**22.50**
3GPP Rel 6	HSDPA Subtest-4	21.01	21.18	21.11	**22.50**	20.77	20.80	20.78	**22.50**	20.96	21.09	20.97	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	21.81	21.88	21.87	**23.00**	21.23	21.24	21.26	**23.00**	21.62	21.67	21.56	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	21.86	21.86	21.82	**23.00**	21.17	21.16	21.25	**23.00**	21.65	21.66	21.59	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	21.37	21.36	21.40	**22.50**	20.62	20.63	20.71	**22.50**	21.13	21.20	21.03	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	21.30	21.35	21.30	**22.50**	20.67	20.64	20.70	**22.50**	21.09	21.18	21.14	**22.50**
3GPP Rel 6	HSUPA Subtest-1	19.52	19.70	19.71	**21.00**	19.25	19.32	19.26	**21.00**	19.45	19.44	19.42	**21.00**
3GPP Rel 6	HSUPA Subtest-2	19.52	19.67	19.63	**21.00**	19.28	19.30	19.25	**21.00**	19.43	19.45	19.46	**21.00**
3GPP Rel 6	HSUPA Subtest-3	20.54	20.71	20.71	**22.00**	20.31	20.34	20.28	**22.00**	20.45	20.46	20.47	**22.00**
3GPP Rel 6	HSUPA Subtest-4	19.06	19.21	19.20	**21.00**	19.00	19.05	19.03	**21.00**	19.04	19.03	19.01	**21.00**
3GPP Rel 6	HSUPA Subtest-5	20.50	20.70	20.60	**22.00**	20.20	20.30	20.30	**22.00**	20.40	20.60	20.40	**22.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.63	19.67	19.62	**20.50**	19.29	19.33	19.27	**20.50**	19.43	19.44	19.48	**20.50**

Band 2_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.40	22.41	22.43	24	0
20	QPSK	1	49	22.42	22.57	22.45		
20	QPSK	1	99	22.18	22.36	22.34		
20	QPSK	50	0	21.49	21.54	21.50	23	1
20	QPSK	50	24	21.46	21.44	21.49		
20	QPSK	50	50	21.37	21.40	21.40		
20	QPSK	100	0	21.37	21.42	21.40		
20	16QAM	1	0	21.47	21.92	21.93	23	1
20	16QAM	1	49	21.61	21.68	21.68		
20	16QAM	1	99	21.71	21.75	21.44		
20	16QAM	50	0	20.35	20.44	20.45	22	2
20	16QAM	50	24	20.47	20.48	20.46		
20	16QAM	50	50	20.36	20.31	20.38		
20	16QAM	100	0	20.41	20.38	20.37		
20	64QAM	1	0	20.60	20.37	20.42	22	2
20	64QAM	1	49	20.19	20.73	20.66		
20	64QAM	1	99	20.32	20.68	20.33		
20	64QAM	50	0	19.40	19.45	19.45	21	3
20	64QAM	50	24	19.38	19.42	19.45		
20	64QAM	50	50	19.39	19.30	19.35		
20	64QAM	100	0	19.33	19.36	19.35		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.34	22.48	22.44	24	0
15	QPSK	1	37	22.36	22.56	22.41		
15	QPSK	1	74	22.12	22.31	22.28		
15	QPSK	36	0	21.45	21.59	21.54	23	1
15	QPSK	36	20	21.40	21.51	21.54		
15	QPSK	36	39	21.43	21.31	21.34		
15	QPSK	75	0	21.47	21.48	21.43		
15	16QAM	1	0	21.55	21.92	21.95	23	1
15	16QAM	1	37	21.66	21.64	21.76		
15	16QAM	1	74	21.62	21.77	21.35		
15	16QAM	36	0	20.32	20.35	20.50	22	2
15	16QAM	36	20	20.50	20.38	20.54		
15	16QAM	36	39	20.33	20.23	20.46		
15	16QAM	75	0	20.44	20.43	20.30		
15	64QAM	1	0	20.62	20.45	20.43	22	2
15	64QAM	1	37	20.14	20.65	20.67		
15	64QAM	1	74	20.40	20.66	20.39		
15	64QAM	36	0	19.49	19.52	19.43	21	3
15	64QAM	36	20	19.35	19.42	19.39		
15	64QAM	36	39	19.31	19.32	19.26		
15	64QAM	75	0	19.36	19.32	19.39		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.36	22.32	22.42	24	0
10	QPSK	1	25	22.51	22.45	22.36		
10	QPSK	1	49	22.19	22.27	22.31		
10	QPSK	25	0	21.56	21.44	21.53	23	1
10	QPSK	25	12	21.45	21.36	21.55		
10	QPSK	25	25	21.43	21.47	21.50		
10	QPSK	50	0	21.45	21.33	21.37		
10	16QAM	1	0	21.53	22.02	21.91	23	1
10	16QAM	1	25	21.55	21.75	21.70		
10	16QAM	1	49	21.73	21.75	21.39		
10	16QAM	25	0	20.44	20.37	20.55	22	2
10	16QAM	25	12	20.51	20.54	20.38		
10	16QAM	25	25	20.34	20.28	20.33		
10	16QAM	50	0	20.44	20.28	20.31		
10	64QAM	1	0	20.63	20.30	20.48	22	2
10	64QAM	1	25	20.22	20.72	20.67		
10	64QAM	1	49	20.26	20.66	20.43		
10	64QAM	25	0	19.31	19.38	19.39	21	3
10	64QAM	25	12	19.28	19.46	19.55		
10	64QAM	25	25	19.49	19.39	19.27		
10	64QAM	50	0	19.40	19.28	19.28		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.31	22.43	22.51	24	0
5	QPSK	1	12	22.40	22.55	22.46		
5	QPSK	1	24	22.28	22.26	22.34		
5	QPSK	12	0	21.47	21.57	21.55	23	1
5	QPSK	12	7	21.40	21.36	21.41		
5	QPSK	12	13	21.41	21.45	21.47		
5	QPSK	25	0	21.44	21.48	21.34		
5	16QAM	1	0	21.49	21.94	21.86	23	1
5	16QAM	1	12	21.64	21.59	21.63		
5	16QAM	1	24	21.74	21.67	21.35		
5	16QAM	12	0	20.34	20.50	20.50	22	2
5	16QAM	12	7	20.53	20.50	20.52		
5	16QAM	12	13	20.33	20.22	20.46		
5	16QAM	25	0	20.37	20.44	20.38		
5	64QAM	1	0	20.69	20.28	20.46	22	2
5	64QAM	1	12	20.13	20.72	20.76		
5	64QAM	1	24	20.34	20.72	20.27		
5	64QAM	12	0	19.42	19.48	19.46	21	3
5	64QAM	12	7	19.36	19.48	19.45		
5	64QAM	12	13	19.29	19.34	19.36		
5	64QAM	25	0	19.23	19.46	19.41		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.42	22.31	22.49	24	0
3	QPSK	1	8	22.38	22.56	22.55		
3	QPSK	1	14	22.22	22.32	22.31		
3	QPSK	8	0	21.47	21.51	21.51	23	1
3	QPSK	8	4	21.47	21.54	21.51		
3	QPSK	8	7	21.32	21.37	21.39		
3	QPSK	15	0	21.28	21.52	21.31		
3	16QAM	1	0	21.50	21.83	21.91	23	1
3	16QAM	1	8	21.61	21.70	21.75		
3	16QAM	1	14	21.81	21.66	21.36		
3	16QAM	8	0	20.40	20.37	20.44	22	2
3	16QAM	8	4	20.55	20.49	20.42		
3	16QAM	8	7	20.31	20.36	20.46		
3	16QAM	15	0	20.45	20.46	20.27		
3	64QAM	1	0	20.63	20.32	20.37	22	2
3	64QAM	1	8	20.18	20.74	20.73		
3	64QAM	1	14	20.27	20.76	20.29		
3	64QAM	8	0	19.48	19.53	19.52	21	3
3	64QAM	8	4	19.40	19.34	19.39		
3	64QAM	8	7	19.38	19.21	19.29		
3	64QAM	15	0	19.40	19.32	19.35		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.50	22.44	22.43	24	0
1.4	QPSK	1	3	22.31	22.55	22.44		
1.4	QPSK	1	5	22.42	22.54	22.47		
1.4	QPSK	3	0	22.44	22.53	22.44		
1.4	QPSK	3	1	22.43	22.44	22.50		
1.4	QPSK	3	3	22.43	22.50	22.48		
1.4	QPSK	6	0	21.41	21.49	21.49	23	1
1.4	16QAM	1	0	21.60	21.67	21.39	23	1
1.4	16QAM	1	3	21.90	21.77	21.98		
1.4	16QAM	1	5	21.34	21.99	21.90		
1.4	16QAM	3	0	21.45	21.51	21.53		
1.4	16QAM	3	1	21.53	21.54	21.26		
1.4	16QAM	3	3	21.31	21.33	21.37		
1.4	16QAM	6	0	20.37	20.61	20.47	22	2
1.4	64QAM	1	0	20.22	20.22	20.74	22	2
1.4	64QAM	1	3	20.56	20.52	20.49		
1.4	64QAM	1	5	20.60	20.72	20.75		
1.4	64QAM	3	0	20.54	20.65	20.67		
1.4	64QAM	3	1	20.64	20.31	20.63		
1.4	64QAM	3	3	20.44	20.55	20.58		
1.4	64QAM	6	0	19.33	19.47	19.33	21	3

Band 2(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.99	22.98	23.00	24	0
20	QPSK	1	49	23.00	23.20	23.06		
20	QPSK	1	99	22.75	22.97	22.90		
20	QPSK	50	0	22.04	22.11	22.09	23	1
20	QPSK	50	24	22.03	22.03	22.03		
20	QPSK	50	50	21.92	22.01	21.98		
20	QPSK	100	0	21.93	22.02	21.95		
20	16QAM	1	0	22.04	22.48	22.50	23	1
20	16QAM	1	49	22.18	22.27	22.25		
20	16QAM	1	99	22.31	22.37	22.05		
20	16QAM	50	0	20.90	21.02	20.99	22	2
20	16QAM	50	24	21.06	21.04	21.03		
20	16QAM	50	50	20.91	20.86	20.92		
20	16QAM	100	0	20.98	20.95	20.89		
20	64QAM	1	0	21.13	20.92	20.96	22	2
20	64QAM	1	49	20.70	21.27	21.22		
20	64QAM	1	99	20.85	21.24	20.85		
20	64QAM	50	0	19.90	19.99	20.00	21	3
20	64QAM	50	24	19.89	19.98	19.99		
20	64QAM	50	50	19.91	19.83	19.87		
20	64QAM	100	0	19.86	19.88	19.86		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.04	23.08	22.93	24	0
15	QPSK	1	37	23.08	23.00	22.96		
15	QPSK	1	74	22.80	22.98	22.99		
15	QPSK	36	0	22.00	22.10	22.10	23	1
15	QPSK	36	20	22.04	22.09	22.12		
15	QPSK	36	39	21.85	22.07	21.90		
15	QPSK	75	0	21.97	22.07	21.95		
15	16QAM	1	0	21.95	22.41	22.48	23	1
15	16QAM	1	37	22.22	22.19	22.23		
15	16QAM	1	74	22.26	22.35	22.13		
15	16QAM	36	0	20.80	21.09	20.99	22	2
15	16QAM	36	20	21.14	21.05	21.08		
15	16QAM	36	39	20.88	20.87	20.96		
15	16QAM	75	0	21.02	20.95	20.96		
15	64QAM	1	0	21.21	21.02	20.98	22	2
15	64QAM	1	37	20.60	21.19	21.20		
15	64QAM	1	74	20.94	21.32	20.90		
15	64QAM	36	0	19.80	19.93	19.91	21	3
15	64QAM	36	20	19.90	20.01	19.91		
15	64QAM	36	39	19.96	19.86	19.78		
15	64QAM	75	0	19.83	19.95	19.84		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.93	22.98	23.03	24	0
10	QPSK	1	25	22.98	23.02	22.98		
10	QPSK	1	49	22.70	23.06	22.83		
10	QPSK	25	0	22.11	22.11	22.15	23	1
10	QPSK	25	12	21.98	22.06	22.02		
10	QPSK	25	25	21.89	22.10	22.07		
10	QPSK	50	0	21.96	22.06	21.98		
10	16QAM	1	0	21.99	22.56	22.47	23	1
10	16QAM	1	25	22.21	22.35	22.35		
10	16QAM	1	49	22.36	22.42	21.95		
10	16QAM	25	0	20.87	21.10	21.01	22	2
10	16QAM	25	12	21.07	21.00	21.08		
10	16QAM	25	25	20.89	20.86	20.98		
10	16QAM	50	0	20.88	20.86	20.94		
10	64QAM	1	0	21.06	20.87	20.88	22	2
10	64QAM	1	25	20.79	21.37	21.29		
10	64QAM	1	49	20.85	21.26	20.86		
10	64QAM	25	0	19.83	20.05	19.97	21	3
10	64QAM	25	12	19.82	19.92	20.06		
10	64QAM	25	25	19.84	19.81	19.96		
10	64QAM	50	0	19.78	19.86	19.96		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.90	22.96	23.00	24	0
5	QPSK	1	12	23.05	23.09	23.03		
5	QPSK	1	24	22.68	23.05	22.87		
5	QPSK	12	0	22.08	22.12	22.02	23	1
5	QPSK	12	7	22.03	22.04	21.94		
5	QPSK	12	13	21.85	22.00	21.88		
5	QPSK	25	0	21.98	21.92	22.01		
5	16QAM	1	0	22.13	22.52	22.48	23	1
5	16QAM	1	12	22.24	22.18	22.21		
5	16QAM	1	24	22.21	22.27	22.02		
5	16QAM	12	0	20.86	21.02	21.01	22	2
5	16QAM	12	7	21.04	20.94	20.95		
5	16QAM	12	13	20.96	20.88	20.96		
5	16QAM	25	0	20.93	20.86	20.92		
5	64QAM	1	0	21.08	21.00	21.04	22	2
5	64QAM	1	12	20.65	21.32	21.15		
5	64QAM	1	24	20.85	21.16	20.94		
5	64QAM	12	0	19.93	20.09	20.06	21	3
5	64QAM	12	7	19.84	19.97	20.09		
5	64QAM	12	13	19.92	19.84	19.90		
5	64QAM	25	0	19.78	19.84	19.89		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.90	23.03	23.00	24	0
3	QPSK	1	8	22.91	23.04	23.13		
3	QPSK	1	14	22.84	22.90	22.86		
3	QPSK	8	0	22.03	22.08	22.11	23	1
3	QPSK	8	4	22.13	21.94	21.96		
3	QPSK	8	7	21.88	22.03	22.04		
3	QPSK	15	0	22.03	21.93	22.01		
3	16QAM	1	0	22.13	22.52	22.59	23	1
3	16QAM	1	8	22.14	22.22	22.29		
3	16QAM	1	14	22.35	22.47	22.12		
3	16QAM	8	0	20.89	21.12	21.04	22	2
3	16QAM	8	4	21.00	21.08	21.13		
3	16QAM	8	7	20.91	20.88	21.00		
3	16QAM	15	0	21.08	20.86	20.89		
3	64QAM	1	0	21.12	20.93	21.03	22	2
3	64QAM	1	8	20.63	21.24	21.17		
3	64QAM	1	14	20.82	21.18	20.86		
3	64QAM	8	0	19.85	20.04	20.10	21	3
3	64QAM	8	4	19.99	20.02	19.90		
3	64QAM	8	7	19.84	19.93	19.91		
3	64QAM	15	0	19.93	19.98	19.91		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.13	23.04	23.03	24	0
1.4	QPSK	1	3	22.94	23.18	23.05		
1.4	QPSK	1	5	23.00	23.14	23.07		
1.4	QPSK	3	0	23.02	23.11	23.06		
1.4	QPSK	3	1	23.04	23.02	23.08		
1.4	QPSK	3	3	23.06	23.15	23.13		
1.4	QPSK	6	0	22.03	22.11	22.10	23	1
1.4	16QAM	1	0	22.17	22.27	22.01	23	1
1.4	16QAM	1	3	22.53	22.35	22.56		
1.4	16QAM	1	5	21.92	22.62	22.53		
1.4	16QAM	3	0	22.03	22.12	22.10		
1.4	16QAM	3	1	22.10	22.15	21.85		
1.4	16QAM	3	3	21.86	21.95	21.97		
1.4	16QAM	6	0	20.93	21.18	21.04	22	2
1.4	64QAM	1	0	20.80	20.82	21.34	22	2
1.4	64QAM	1	3	21.10	21.10	21.03		
1.4	64QAM	1	5	21.18	21.28	21.34		
1.4	64QAM	3	0	21.10	21.23	21.22		
1.4	64QAM	3	1	21.21	20.90	21.18		
1.4	64QAM	3	3	20.99	21.10	21.18		
1.4	64QAM	6	0	19.89	20.06	19.84	21	3

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	22.05	22.25	22.14	24	0
20	QPSK	1	49	22.23	22.38	22.25		
20	QPSK	1	99	22.05	22.09	22.10		
20	QPSK	50	0	21.20	21.33	21.26	23	1
20	QPSK	50	24	21.19	21.28	21.21		
20	QPSK	50	50	21.07	21.20	21.17		
20	QPSK	100	0	21.12	21.26	21.20		
20	16QAM	1	0	21.47	21.69	21.15	23	1
20	16QAM	1	49	21.09	21.37	21.78		
20	16QAM	1	99	21.57	21.63	21.56		
20	16QAM	50	0	20.22	20.35	20.17	22	2
20	16QAM	50	24	20.16	20.23	20.28		
20	16QAM	50	50	20.04	20.25	20.15		
20	16QAM	100	0	20.10	20.19	20.17		
20	64QAM	1	0	20.04	20.46	20.45	22	2
20	64QAM	1	49	20.20	20.26	20.08		
20	64QAM	1	99	20.05	20.29	20.42		
20	64QAM	50	0	19.11	19.27	19.17	21	3
20	64QAM	50	24	19.10	19.26	19.20		
20	64QAM	50	50	19.06	19.24	19.12		
20	64QAM	100	0	19.09	19.19	19.10		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.04	22.21	22.22	24	0
15	QPSK	1	37	22.06	22.32	22.12		
15	QPSK	1	74	22.01	22.03	22.06		
15	QPSK	36	0	21.19	21.43	21.23	23	1
15	QPSK	36	20	21.11	21.35	21.19		
15	QPSK	36	39	21.07	21.12	21.18		
15	QPSK	75	0	21.19	21.19	21.11		
15	16QAM	1	0	21.41	21.63	21.20	23	1
15	16QAM	1	37	21.18	21.28	21.84		
15	16QAM	1	74	21.62	21.66	21.55		
15	16QAM	36	0	20.18	20.33	20.09	22	2
15	16QAM	36	20	20.18	20.20	20.38		
15	16QAM	36	39	20.00	20.18	20.17		
15	16QAM	75	0	20.01	20.22	20.20		
15	64QAM	1	0	20.04	20.54	20.48	22	2
15	64QAM	1	37	20.14	20.34	20.14		
15	64QAM	1	74	20.10	20.37	20.38		
15	64QAM	36	0	19.07	19.35	19.07	21	3
15	64QAM	36	20	19.18	19.21	19.28		
15	64QAM	36	39	19.08	19.29	19.07		
15	64QAM	75	0	19.16	19.22	19.04		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.09	22.33	22.20	24	0
10	QPSK	1	25	22.22	22.30	22.12		
10	QPSK	1	49	22.06	22.12	22.04		
10	QPSK	25	0	21.20	21.39	21.27	23	1
10	QPSK	25	12	21.12	21.33	21.31		
10	QPSK	25	25	21.16	21.12	21.23		
10	QPSK	50	0	21.11	21.34	21.12		
10	16QAM	1	0	21.56	21.67	21.17	23	1
10	16QAM	1	25	21.03	21.40	21.86		
10	16QAM	1	49	21.61	21.67	21.63		
10	16QAM	25	0	20.22	20.31	20.09	22	2
10	16QAM	25	12	20.06	20.27	20.20		
10	16QAM	25	25	20.11	20.15	20.17		
10	16QAM	50	0	20.08	20.22	20.14		
10	64QAM	1	0	20.12	20.46	20.39	22	2
10	64QAM	1	25	20.10	20.28	20.05		
10	64QAM	1	49	20.00	20.28	20.50		
10	64QAM	25	0	19.04	19.36	19.26	21	3
10	64QAM	25	12	19.14	19.21	19.21		
10	64QAM	25	25	19.01	19.28	19.11		
10	64QAM	50	0	19.10	19.23	19.14		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.13	22.17	22.10	24	0
5	QPSK	1	12	22.13	22.24	22.05		
5	QPSK	1	24	22.11	22.19	22.08		
5	QPSK	12	0	21.22	21.28	21.18	23	1
5	QPSK	12	7	21.12	21.19	21.24		
5	QPSK	12	13	21.03	21.21	21.10		
5	QPSK	25	0	21.22	21.31	21.25		
5	16QAM	1	0	21.53	21.69	21.14	23	1
5	16QAM	1	12	21.02	21.45	21.75		
5	16QAM	1	24	21.67	21.61	21.66		
5	16QAM	12	0	20.21	20.44	20.22	22	2
5	16QAM	12	7	20.17	20.19	20.19		
5	16QAM	12	13	20.14	20.35	20.17		
5	16QAM	25	0	20.01	20.22	20.24		
5	64QAM	1	0	20.14	20.38	20.42	22	2
5	64QAM	1	12	20.22	20.20	20.15		
5	64QAM	1	24	20.13	20.34	20.35		
5	64QAM	12	0	19.06	19.35	19.12	21	3
5	64QAM	12	7	19.20	19.16	19.27		
5	64QAM	12	13	19.09	19.14	19.16		
5	64QAM	25	0	19.17	19.18	19.16		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.05	22.31	22.12	24	0
3	QPSK	1	8	22.16	22.26	22.20		
3	QPSK	1	14	22.06	22.09	22.03		
3	QPSK	8	0	21.19	21.41	21.31	23	1
3	QPSK	8	4	21.22	21.32	21.13		
3	QPSK	8	7	21.16	21.23	21.07		
3	QPSK	15	0	21.10	21.34	21.30		
3	16QAM	1	0	21.39	21.69	21.11	23	1
3	16QAM	1	8	21.03	21.32	21.71		
3	16QAM	1	14	21.53	21.62	21.54		
3	16QAM	8	0	20.27	20.33	20.16	22	2
3	16QAM	8	4	20.08	20.22	20.30		
3	16QAM	8	7	20.01	20.27	20.17		
3	16QAM	15	0	20.18	20.25	20.17		
3	64QAM	1	0	20.02	20.44	20.36	22	2
3	64QAM	1	8	20.15	20.19	20.08		
3	64QAM	1	14	20.02	20.36	20.46		
3	64QAM	8	0	19.18	19.34	19.24	21	3
3	64QAM	8	4	19.16	19.18	19.11		
3	64QAM	8	7	19.03	19.15	19.16		
3	64QAM	15	0	19.06	19.15	19.19		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.14	22.17	22.21	24	0
1.4	QPSK	1	3	22.24	22.21	22.13		
1.4	QPSK	1	5	22.12	22.14	22.10		
1.4	QPSK	3	0	22.09	22.24	22.25		
1.4	QPSK	3	1	22.05	22.27	22.25		
1.4	QPSK	3	3	22.01	22.19	22.22		
1.4	QPSK	6	0	21.15	21.25	21.13	23	1
1.4	16QAM	1	0	21.60	21.45	21.75	23	1
1.4	16QAM	1	3	21.28	21.71	21.46		
1.4	16QAM	1	5	21.54	21.20	21.62		
1.4	16QAM	3	0	21.04	21.31	21.06		
1.4	16QAM	3	1	21.04	21.18	21.15		
1.4	16QAM	3	3	21.13	21.20	21.23		
1.4	16QAM	6	0	20.02	20.14	20.18	22	2
1.4	64QAM	1	0	20.34	20.53	20.19	22	2
1.4	64QAM	1	3	20.17	20.02	20.23		
1.4	64QAM	1	5	20.28	20.29	20.47		
1.4	64QAM	3	0	20.26	20.43	20.46		
1.4	64QAM	3	1	20.02	20.31	20.39		
1.4	64QAM	3	3	20.13	20.32	20.34		
1.4	64QAM	6	0	19.05	19.14	19.14	21	3

Band 4_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.37	22.42	22.27	24	0
20	QPSK	1	49	22.48	22.55	22.42		
20	QPSK	1	99	22.19	22.28	22.17		
20	QPSK	50	0	21.47	21.48	21.42	23	1
20	QPSK	50	24	21.46	21.43	21.36		
20	QPSK	50	50	21.41	21.40	21.32		
20	QPSK	100	0	21.38	21.43	21.40		
20	16QAM	1	0	21.85	21.53	21.27	23	1
20	16QAM	1	49	21.84	21.40	21.45		
20	16QAM	1	99	21.29	21.45	21.42		
20	16QAM	50	0	20.37	20.37	20.39	22	2
20	16QAM	50	24	20.41	20.40	20.34		
20	16QAM	50	50	20.39	20.43	20.31		
20	16QAM	100	0	20.31	20.37	20.32		
20	64QAM	1	0	20.44	20.36	20.57	22	2
20	64QAM	1	49	20.09	20.56	20.57		
20	64QAM	1	99	20.49	20.20	20.31		
20	64QAM	50	0	19.39	19.38	19.36	21	3
20	64QAM	50	24	19.39	19.35	19.33		
20	64QAM	50	50	19.37	19.33	19.30		
20	64QAM	100	0	19.34	19.40	19.26		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.34	22.44	22.28	24	0
15	QPSK	1	37	22.30	22.48	22.32		
15	QPSK	1	74	22.15	22.36	22.21		
15	QPSK	36	0	21.37	21.48	21.49	23	1
15	QPSK	36	20	21.46	21.50	21.33		
15	QPSK	36	39	21.32	21.49	21.27		
15	QPSK	75	0	21.30	21.37	21.44		
15	16QAM	1	0	21.91	21.57	21.17	23	1
15	16QAM	1	37	21.74	21.45	21.48		
15	16QAM	1	74	21.30	21.55	21.50		
15	16QAM	36	0	20.42	20.46	20.31	22	2
15	16QAM	36	20	20.47	20.50	20.35		
15	16QAM	36	39	20.46	20.39	20.36		
15	16QAM	75	0	20.36	20.32	20.29		
15	64QAM	1	0	20.44	20.37	20.60	22	2
15	64QAM	1	37	20.03	20.52	20.55		
15	64QAM	1	74	20.50	20.27	20.24		
15	64QAM	36	0	19.41	19.30	19.43	21	3
15	64QAM	36	20	19.46	19.39	19.35		
15	64QAM	36	39	19.47	19.26	19.34		
15	64QAM	75	0	19.40	19.36	19.33		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.36	22.35	22.37	24	0
10	QPSK	1	25	22.35	22.53	22.29		
10	QPSK	1	49	22.21	22.19	22.25		
10	QPSK	25	0	21.55	21.47	21.33	23	1
10	QPSK	25	12	21.53	21.41	21.45		
10	QPSK	25	25	21.42	21.36	21.37		
10	QPSK	50	0	21.39	21.39	21.43		
10	16QAM	1	0	21.79	21.62	21.19	23	1
10	16QAM	1	25	21.81	21.34	21.40		
10	16QAM	1	49	21.36	21.37	21.42		
10	16QAM	25	0	20.41	20.30	20.46	22	2
10	16QAM	25	12	20.42	20.32	20.35		
10	16QAM	25	25	20.35	20.38	20.32		
10	16QAM	50	0	20.27	20.35	20.24		
10	64QAM	1	0	20.52	20.30	20.65	22	2
10	64QAM	1	25	20.00	20.65	20.59		
10	64QAM	1	49	20.51	20.14	20.30		
10	64QAM	25	0	19.39	19.44	19.29	21	3
10	64QAM	25	12	19.47	19.37	19.40		
10	64QAM	25	25	19.46	19.25	19.32		
10	64QAM	50	0	19.26	19.39	19.35		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.36	22.43	22.18	24	0
5	QPSK	1	12	22.31	22.36	22.32		
5	QPSK	1	24	22.10	22.21	22.11		
5	QPSK	12	0	21.43	21.56	21.44	23	1
5	QPSK	12	7	21.53	21.37	21.31		
5	QPSK	12	13	21.46	21.50	21.29		
5	QPSK	25	0	21.34	21.35	21.50		
5	16QAM	1	0	21.88	21.47	21.32	23	1
5	16QAM	1	12	21.85	21.46	21.37		
5	16QAM	1	24	21.28	21.43	21.34		
5	16QAM	12	0	20.34	20.46	20.46	22	2
5	16QAM	12	7	20.49	20.47	20.42		
5	16QAM	12	13	20.41	20.36	20.23		
5	16QAM	25	0	20.39	20.47	20.27		
5	64QAM	1	0	20.42	20.44	20.54	22	2
5	64QAM	1	12	20.02	20.53	20.50		
5	64QAM	1	24	20.50	20.25	20.36		
5	64QAM	12	0	19.33	19.37	19.46	21	3
5	64QAM	12	7	19.33	19.34	19.43		
5	64QAM	12	13	19.39	19.23	19.32		
5	64QAM	25	0	19.33	19.32	19.33		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.47	22.52	22.34	24	0
3	QPSK	1	8	22.29	22.44	22.36		
3	QPSK	1	14	22.28	22.37	22.11		
3	QPSK	8	0	21.38	21.43	21.44	23	1
3	QPSK	8	4	21.49	21.50	21.46		
3	QPSK	8	7	21.45	21.41	21.37		
3	QPSK	15	0	21.36	21.51	21.47		
3	16QAM	1	0	21.94	21.62	21.22	23	1
3	16QAM	1	8	21.74	21.46	21.35		
3	16QAM	1	14	21.22	21.38	21.52		
3	16QAM	8	0	20.33	20.38	20.31	22	2
3	16QAM	8	4	20.50	20.49	20.38		
3	16QAM	8	7	20.45	20.42	20.35		
3	16QAM	15	0	20.36	20.36	20.22		
3	64QAM	1	0	20.37	20.40	20.58	22	2
3	64QAM	1	8	20.15	20.64	20.61		
3	64QAM	1	14	20.53	20.29	20.40		
3	64QAM	8	0	19.34	19.34	19.32	21	3
3	64QAM	8	4	19.38	19.45	19.24		
3	64QAM	8	7	19.35	19.29	19.28		
3	64QAM	15	0	19.25	19.33	19.19		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.41	22.52	22.29	24	0
1.4	QPSK	1	3	22.25	22.54	22.46		
1.4	QPSK	1	5	22.44	22.43	22.36		
1.4	QPSK	3	0	22.33	22.40	22.42		
1.4	QPSK	3	1	22.33	22.49	22.35		
1.4	QPSK	3	3	22.44	22.44	22.35		
1.4	QPSK	6	0	21.47	21.49	21.41	23	1
1.4	16QAM	1	0	22.00	21.49	21.52	23	1
1.4	16QAM	1	3	21.60	21.55	21.94		
1.4	16QAM	1	5	21.86	21.93	21.84		
1.4	16QAM	3	0	21.40	21.41	21.26		
1.4	16QAM	3	1	21.36	21.39	21.50		
1.4	16QAM	3	3	21.27	21.43	21.42		
1.4	16QAM	6	0	20.42	20.61	20.40	22	2
1.4	64QAM	1	0	20.40	20.44	20.60	22	2
1.4	64QAM	1	3	20.49	20.35	20.09		
1.4	64QAM	1	5	20.50	20.59	20.51		
1.4	64QAM	3	0	20.41	20.57	20.48		
1.4	64QAM	3	1	20.46	20.61	20.24		
1.4	64QAM	3	3	20.39	20.43	20.60		
1.4	64QAM	6	0	19.23	19.33	19.31	21	3

Band 4(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.96	23.09	22.97	24	0
20	QPSK	1	49	23.11	23.18	23.05		
20	QPSK	1	99	22.99	23.13	22.96		
20	QPSK	50	0	21.97	22.15	21.97	23	1
20	QPSK	50	24	21.86	22.01	21.94		
20	QPSK	50	50	21.82	22.12	21.91		
20	QPSK	100	0	21.86	22.04	21.95		
20	16QAM	1	0	21.90	22.10	21.96	23	1
20	16QAM	1	49	21.84	22.03	21.88		
20	16QAM	1	99	21.83	22.01	21.94		
20	16QAM	50	0	20.88	21.14	20.89	22	2
20	16QAM	50	24	20.83	21.10	20.94		
20	16QAM	50	50	20.94	21.14	20.89		
20	16QAM	100	0	20.93	21.02	20.84		
20	64QAM	1	0	20.87	21.11	20.85	22	2
20	64QAM	1	49	20.91	21.06	20.96		
20	64QAM	1	99	20.89	21.11	20.94		
20	64QAM	50	0	19.92	20.03	19.94	21	3
20	64QAM	50	24	19.92	20.14	19.95		
20	64QAM	50	50	19.90	20.13	19.87		
20	64QAM	100	0	19.85	20.02	19.91		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.03	23.05	23.06	24	0
15	QPSK	1	37	23.08	23.17	23.03		
15	QPSK	1	74	22.98	23.00	23.08		
15	QPSK	36	0	22.07	22.09	22.11	23	1
15	QPSK	36	20	21.86	21.87	21.94		
15	QPSK	36	39	22.00	22.00	22.09		
15	QPSK	75	0	22.00	21.91	21.90		
15	16QAM	1	0	22.00	21.99	22.04	23	1
15	16QAM	1	37	22.00	21.93	21.90		
15	16QAM	1	74	21.89	21.89	21.94		
15	16QAM	36	0	21.07	21.00	21.03	22	2
15	16QAM	36	20	21.06	21.08	21.07		
15	16QAM	36	39	21.05	21.01	21.07		
15	16QAM	75	0	21.01	20.94	20.88		
15	64QAM	1	0	21.06	21.07	20.96	22	2
15	64QAM	1	37	20.96	21.03	20.92		
15	64QAM	1	74	21.09	20.99	21.08		
15	64QAM	36	0	19.88	19.95	19.91	21	3
15	64QAM	36	20	20.13	20.01	20.04		
15	64QAM	36	39	20.03	19.99	20.09		
15	64QAM	75	0	19.98	19.99	19.98		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.06	22.96	23.01	24	0
10	QPSK	1	25	23.07	23.05	23.06		
10	QPSK	1	49	23.02	23.04	22.99		
10	QPSK	25	0	22.01	22.10	22.01	23	1
10	QPSK	25	12	21.88	21.88	21.92		
10	QPSK	25	25	22.04	22.09	22.01		
10	QPSK	50	0	21.94	21.93	22.00		
10	16QAM	1	0	21.95	22.01	22.03	23	1
10	16QAM	1	25	21.97	21.98	21.97		
10	16QAM	1	49	21.98	21.98	22.00		
10	16QAM	25	0	21.03	21.02	21.03	22	2
10	16QAM	25	12	21.03	21.05	21.09		
10	16QAM	25	25	21.06	21.11	21.07		
10	16QAM	50	0	20.90	20.98	20.89		
10	64QAM	1	0	21.07	21.07	21.06	22	2
10	64QAM	1	25	20.91	21.00	21.02		
10	64QAM	1	49	21.01	21.10	21.01		
10	64QAM	25	0	19.88	19.93	19.98	21	3
10	64QAM	25	12	20.10	20.12	20.02		
10	64QAM	25	25	20.00	20.06	20.10		
10	64QAM	50	0	19.99	19.98	19.87		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.08	23.07	23.05	24	0
5	QPSK	1	12	23.12	23.14	23.11		
5	QPSK	1	24	23.05	22.99	23.03		
5	QPSK	12	0	22.09	22.04	22.01	23	1
5	QPSK	12	7	21.94	21.89	21.91		
5	QPSK	12	13	22.08	22.07	22.08		
5	QPSK	25	0	21.93	21.89	21.99		
5	16QAM	1	0	21.96	22.04	22.07	23	1
5	16QAM	1	12	21.88	21.90	21.94		
5	16QAM	1	24	21.87	21.88	21.93		
5	16QAM	12	0	21.01	21.00	21.01	22	2
5	16QAM	12	7	21.07	21.00	20.98		
5	16QAM	12	13	20.99	21.08	21.13		
5	16QAM	25	0	20.95	20.97	20.98		
5	64QAM	1	0	20.96	20.96	20.97	22	2
5	64QAM	1	12	20.97	21.05	20.98		
5	64QAM	1	24	21.06	20.99	21.08		
5	64QAM	12	0	19.97	19.89	19.91	21	3
5	64QAM	12	7	20.05	20.08	20.02		
5	64QAM	12	13	19.98	20.04	20.01		
5	64QAM	25	0	19.87	19.91	19.91		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.97	23.06	23.06	24	0
3	QPSK	1	8	23.13	23.12	23.11		
3	QPSK	1	14	23.11	23.03	23.12		
3	QPSK	8	0	22.07	22.12	22.05	23	1
3	QPSK	8	4	21.97	21.97	21.92		
3	QPSK	8	7	22.09	22.09	22.01		
3	QPSK	15	0	22.02	21.92	21.95		
3	16QAM	1	0	21.95	21.97	21.99	23	1
3	16QAM	1	8	21.94	22.00	21.92		
3	16QAM	1	14	21.89	21.88	21.88		
3	16QAM	8	0	21.09	21.07	21.05	22	2
3	16QAM	8	4	21.07	21.04	21.05		
3	16QAM	8	7	21.06	21.09	21.00		
3	16QAM	15	0	20.88	20.89	20.92		
3	64QAM	1	0	21.02	21.09	21.10	22	2
3	64QAM	1	8	21.02	20.97	20.96		
3	64QAM	1	14	21.04	20.96	21.09		
3	64QAM	8	0	19.89	19.91	20.00	21	3
3	64QAM	8	4	20.06	20.09	20.09		
3	64QAM	8	7	20.00	19.99	19.99		
3	64QAM	15	0	19.90	20.01	19.90		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.79	22.84	22.83	24	0
1.4	QPSK	1	3	22.88	22.87	22.78		
1.4	QPSK	1	5	22.77	22.64	22.69		
1.4	QPSK	3	0	22.65	22.69	22.71		
1.4	QPSK	3	1	22.82	22.75	22.81		
1.4	QPSK	3	3	22.67	22.71	22.65		
1.4	QPSK	6	0	21.82	21.75	21.77	23	1
1.4	16QAM	1	0	21.69	21.80	21.83	23	1
1.4	16QAM	1	3	21.76	21.80	21.87		
1.4	16QAM	1	5	22.27	22.27	22.16		
1.4	16QAM	3	0	21.73	21.70	21.64		
1.4	16QAM	3	1	21.73	21.70	21.72		
1.4	16QAM	3	3	21.72	21.63	21.75		
1.4	16QAM	6	0	20.86	20.93	20.81	22	2
1.4	64QAM	1	0	20.67	20.74	20.78	22	2
1.4	64QAM	1	3	20.59	20.56	20.62		
1.4	64QAM	1	5	20.86	20.92	20.92		
1.4	64QAM	3	0	20.83	20.82	20.89		
1.4	64QAM	3	1	20.92	20.88	20.95		
1.4	64QAM	3	3	20.73	20.65	20.65		
1.4	64QAM	6	0	19.59	19.67	19.66	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.18	21.24	21.26	23	0
20	QPSK	1	49	21.29	21.37	21.27		
20	QPSK	1	99	21.09	21.06	21.04		
20	QPSK	50	0	20.35	20.38	20.30	22	1
20	QPSK	50	24	20.28	20.34	20.26		
20	QPSK	50	50	20.27	20.28	20.21		
20	QPSK	100	0	20.25	20.26	20.25		
20	16QAM	1	0	20.69	20.73	20.69	22	1
20	16QAM	1	49	20.59	20.38	20.28		
20	16QAM	1	99	20.63	20.00	20.55		
20	16QAM	50	0	19.21	19.26	19.33	21	2
20	16QAM	50	24	19.17	19.32	19.25		
20	16QAM	50	50	19.25	19.28	19.22		
20	16QAM	100	0	19.18	19.24	19.14		
20	64QAM	1	0	19.48	19.21	19.08	21	2
20	64QAM	1	49	19.13	19.46	19.52		
20	64QAM	1	99	19.17	19.36	19.37		
20	64QAM	50	0	18.18	18.28	18.23	20	3
20	64QAM	50	24	18.24	18.28	18.20		
20	64QAM	50	50	18.24	18.19	18.22		
20	64QAM	100	0	18.18	18.23	18.20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.17	21.32	21.21	23	0
15	QPSK	1	37	21.22	21.19	21.25		
15	QPSK	1	74	21.00	21.07	21.00		
15	QPSK	36	0	20.44	20.31	20.24	22	1
15	QPSK	36	20	20.22	20.42	20.25		
15	QPSK	36	39	20.37	20.25	20.28		
15	QPSK	75	0	20.30	20.18	20.33		
15	16QAM	1	0	20.63	20.74	20.62	22	1
15	16QAM	1	37	20.58	20.45	20.25		
15	16QAM	1	74	20.61	20.08	20.59		
15	16QAM	36	0	19.12	19.32	19.33	21	2
15	16QAM	36	20	19.08	19.36	19.31		
15	16QAM	36	39	19.17	19.19	19.22		
15	16QAM	75	0	19.20	19.25	19.20		
15	64QAM	1	0	19.48	19.26	19.02	21	2
15	64QAM	1	37	19.06	19.37	19.49		
15	64QAM	1	74	19.07	19.43	19.36		
15	64QAM	36	0	18.22	18.28	18.23	20	3
15	64QAM	36	20	18.21	18.28	18.30		
15	64QAM	36	39	18.22	18.24	18.24		
15	64QAM	75	0	18.12	18.28	18.19		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.09	21.34	21.29	23	0
10	QPSK	1	25	21.15	21.23	21.36		
10	QPSK	1	49	21.01	21.09	21.10		
10	QPSK	25	0	20.26	20.44	20.33	22	1
10	QPSK	25	12	20.22	20.41	20.33		
10	QPSK	25	25	20.18	20.18	20.18		
10	QPSK	50	0	20.19	20.21	20.22		
10	16QAM	1	0	20.59	20.78	20.60	22	1
10	16QAM	1	25	20.54	20.48	20.21		
10	16QAM	1	49	20.65	20.07	20.47		
10	16QAM	25	0	19.18	19.33	19.35	21	2
10	16QAM	25	12	19.23	19.31	19.21		
10	16QAM	25	25	19.21	19.32	19.15		
10	16QAM	50	0	19.17	19.16	19.20		
10	64QAM	1	0	19.39	19.12	19.03	21	2
10	64QAM	1	25	19.20	19.54	19.45		
10	64QAM	1	49	19.20	19.39	19.39		
10	64QAM	25	0	18.19	18.32	18.23	20	3
10	64QAM	25	12	18.25	18.24	18.19		
10	64QAM	25	25	18.16	18.19	18.19		
10	64QAM	50	0	18.23	18.31	18.11		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.20	21.26	21.20	23	0
5	QPSK	1	12	21.28	21.31	21.25		
5	QPSK	1	24	21.11	21.07	21.10		
5	QPSK	12	0	20.42	20.38	20.36	22	1
5	QPSK	12	7	20.34	20.43	20.23		
5	QPSK	12	13	20.30	20.31	20.29		
5	QPSK	25	0	20.26	20.32	20.25		
5	16QAM	1	0	20.72	20.63	20.77	22	1
5	16QAM	1	12	20.50	20.41	20.37		
5	16QAM	1	24	20.64	20.01	20.47		
5	16QAM	12	0	19.19	19.30	19.36	21	2
5	16QAM	12	7	19.22	19.33	19.22		
5	16QAM	12	13	19.33	19.30	19.26		
5	16QAM	25	0	19.11	19.16	19.06		
5	64QAM	1	0	19.44	19.21	19.02	21	2
5	64QAM	1	12	19.19	19.56	19.42		
5	64QAM	1	24	19.12	19.27	19.30		
5	64QAM	12	0	18.24	18.21	18.13	20	3
5	64QAM	12	7	18.22	18.30	18.12		
5	64QAM	12	13	18.20	18.23	18.21		
5	64QAM	25	0	18.21	18.29	18.29		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.10	21.23	21.24	23	0
3	QPSK	1	8	21.18	21.35	21.21		
3	QPSK	1	14	21.15	21.10	21.05		
3	QPSK	8	0	20.32	20.37	20.27	22	1
3	QPSK	8	4	20.25	20.35	20.24		
3	QPSK	8	7	20.26	20.19	20.18		
3	QPSK	15	0	20.15	20.22	20.32		
3	16QAM	1	0	20.79	20.78	20.69	22	1
3	16QAM	1	8	20.52	20.37	20.23		
3	16QAM	1	14	20.73	20.05	20.48		
3	16QAM	8	0	19.27	19.21	19.23	21	2
3	16QAM	8	4	19.17	19.40	19.25		
3	16QAM	8	7	19.26	19.20	19.21		
3	16QAM	15	0	19.23	19.24	19.09		
3	64QAM	1	0	19.40	19.25	19.09	21	2
3	64QAM	1	8	19.18	19.44	19.60		
3	64QAM	1	14	19.11	19.43	19.31		
3	64QAM	8	0	18.10	18.24	18.20	20	3
3	64QAM	8	4	18.31	18.19	18.21		
3	64QAM	8	7	18.30	18.25	18.12		
3	64QAM	15	0	18.09	18.25	18.29		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.09	21.16	21.28	23	0
1.4	QPSK	1	3	21.13	21.19	21.18		
1.4	QPSK	1	5	21.23	21.29	21.31		
1.4	QPSK	3	0	21.17	21.26	21.20		
1.4	QPSK	3	1	21.20	21.31	21.22		
1.4	QPSK	3	3	21.25	21.25	21.13		
1.4	QPSK	6	0	20.13	20.28	20.17	22	1
1.4	16QAM	1	0	20.35	20.57	20.67	22	1
1.4	16QAM	1	3	20.39	20.68	20.22		
1.4	16QAM	1	5	20.66	20.40	20.35		
1.4	16QAM	3	0	20.26	20.32	20.15		
1.4	16QAM	3	1	20.18	20.25	20.24		
1.4	16QAM	3	3	20.02	20.34	20.29		
1.4	16QAM	6	0	19.31	19.20	19.19	21	2
1.4	64QAM	1	0	19.19	19.26	19.48	21	2
1.4	64QAM	1	3	19.20	19.31	19.38		
1.4	64QAM	1	5	19.21	19.50	19.44		
1.4	64QAM	3	0	19.12	19.33	19.37		
1.4	64QAM	3	1	19.21	19.30	19.35		
1.4	64QAM	3	3	19.29	19.07	19.26		
1.4	64QAM	6	0	18.14	18.24	18.13	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.50	22.52	22.47	24	0
10	QPSK	1	25	22.64	22.68	22.51		
10	QPSK	1	49	22.50	22.48	22.32		
10	QPSK	25	0	21.56	21.60	21.51	23	1
10	QPSK	25	12	21.52	21.56	21.47		
10	QPSK	25	25	21.46	21.51	21.49		
10	QPSK	50	0	21.56	21.59	21.53		
10	16QAM	1	0	21.75	21.59	21.39	23	1
10	16QAM	1	25	21.82	22.12	21.36		
10	16QAM	1	49	21.97	21.83	21.30		
10	16QAM	25	0	20.54	20.55	20.54	22	2
10	16QAM	25	12	20.52	20.58	20.42		
10	16QAM	25	25	20.41	20.54	20.57		
10	16QAM	50	0	20.55	20.58	20.49		
10	64QAM	1	0	20.47	20.87	20.28	22	2
10	64QAM	1	25	20.81	20.76	20.74		
10	64QAM	1	49	20.45	20.85	20.36		
10	64QAM	25	0	19.57	19.46	19.47	21	3
10	64QAM	25	12	19.43	19.58	19.39		
10	64QAM	25	25	19.49	19.53	19.41		
10	64QAM	50	0	19.49	19.51	19.51		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.55	22.47	22.45	24	0
5	QPSK	1	12	22.61	22.64	22.53		
5	QPSK	1	24	22.40	22.53	22.36		
5	QPSK	12	0	21.61	21.54	21.58	23	1
5	QPSK	12	7	21.51	21.57	21.51		
5	QPSK	12	13	21.48	21.57	21.54		
5	QPSK	25	0	21.63	21.65	21.47		
5	16QAM	1	0	21.67	21.66	21.46	23	1
5	16QAM	1	12	21.84	22.09	21.27		
5	16QAM	1	24	21.87	21.93	21.33		
5	16QAM	12	0	20.55	20.55	20.46	22	2
5	16QAM	12	7	20.59	20.61	20.52		
5	16QAM	12	13	20.33	20.61	20.54		
5	16QAM	25	0	20.57	20.52	20.48		
5	64QAM	1	0	20.38	20.84	20.23	22	2
5	64QAM	1	12	20.72	20.69	20.73		
5	64QAM	1	24	20.44	20.95	20.46		
5	64QAM	12	0	19.67	19.37	19.40	21	3
5	64QAM	12	7	19.49	19.53	19.48		
5	64QAM	12	13	19.46	19.53	19.31		
5	64QAM	25	0	19.51	19.43	19.56		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.48	22.51	22.39	24	0
3	QPSK	1	8	22.57	22.48	22.41		
3	QPSK	1	14	22.51	22.52	22.31		
3	QPSK	8	0	21.47	21.62	21.54	23	1
3	QPSK	8	4	21.60	21.65	21.45		
3	QPSK	8	7	21.36	21.53	21.44		
3	QPSK	15	0	21.60	21.55	21.50		
3	16QAM	1	0	21.85	21.53	21.43	23	1
3	16QAM	1	8	21.84	22.13	21.29		
3	16QAM	1	14	21.91	21.89	21.40		
3	16QAM	8	0	20.59	20.49	20.57	22	2
3	16QAM	8	4	20.50	20.68	20.44		
3	16QAM	8	7	20.38	20.44	20.62		
3	16QAM	15	0	20.49	20.50	20.47		
3	64QAM	1	0	20.48	20.80	20.38	22	2
3	64QAM	1	8	20.81	20.85	20.72		
3	64QAM	1	14	20.50	20.80	20.46		
3	64QAM	8	0	19.62	19.53	19.37	21	3
3	64QAM	8	4	19.48	19.60	19.32		
3	64QAM	8	7	19.47	19.59	19.31		
3	64QAM	15	0	19.44	19.44	19.44		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.49	22.37	22.26	24	0
1.4	QPSK	1	3	22.62	22.42	22.22		
1.4	QPSK	1	5	22.46	22.56	22.34		
1.4	QPSK	3	0	22.57	22.45	22.36		
1.4	QPSK	3	1	22.63	22.55	22.34		
1.4	QPSK	3	3	22.63	22.54	22.43		
1.4	QPSK	6	0	21.57	21.55	21.34	23	1
1.4	16QAM	1	0	21.92	21.66	21.47	23	1
1.4	16QAM	1	3	22.17	21.64	21.39		
1.4	16QAM	1	5	21.81	21.66	21.56		
1.4	16QAM	3	0	21.64	21.55	21.40		
1.4	16QAM	3	1	21.64	21.40	21.20		
1.4	16QAM	3	3	21.66	21.50	21.44		
1.4	16QAM	6	0	20.83	20.74	20.41	22	2
1.4	64QAM	1	0	20.62	20.31	20.43	22	2
1.4	64QAM	1	3	20.72	20.74	20.56		
1.4	64QAM	1	5	20.72	20.28	20.36		
1.4	64QAM	3	0	20.80	20.53	20.38		
1.4	64QAM	3	1	20.62	20.51	20.54		
1.4	64QAM	3	3	20.60	20.71	20.61		
1.4	64QAM	6	0	19.51	19.42	19.27	21	3

Band 5_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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.14	22.08	22.14	24	0
10	QPSK	1	25	22.28	22.35	22.20		
10	QPSK	1	49	22.24	22.16	22.17		
10	QPSK	25	0	21.26	21.32	21.30	23	1
10	QPSK	25	12	21.22	21.23	21.21		
10	QPSK	25	25	21.20	21.24	21.25		
10	QPSK	50	0	21.27	21.30	21.28		
10	16QAM	1	0	21.23	21.79	21.39	23	1
10	16QAM	1	25	21.36	21.81	21.10		
10	16QAM	1	49	21.48	21.76	21.33		
10	16QAM	25	0	20.24	20.22	20.21	22	2
10	16QAM	25	12	20.25	20.17	20.14		
10	16QAM	25	25	20.13	20.24	20.19		
10	16QAM	50	0	20.14	20.24	20.23		
10	64QAM	1	0	20.15	20.24	20.37	22	2
10	64QAM	1	25	20.49	20.51	20.48		
10	64QAM	1	49	20.41	20.44	20.39		
10	64QAM	25	0	19.15	19.24	19.32	21	3
10	64QAM	25	12	19.16	19.20	19.15		
10	64QAM	25	25	19.26	19.14	19.22		
10	64QAM	50	0	19.17	19.22	19.17		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.19	22.06	22.08	24	0
5	QPSK	1	12	22.20	22.24	22.19		
5	QPSK	1	24	22.24	22.23	22.23		
5	QPSK	12	0	21.29	21.29	21.36	23	1
5	QPSK	12	7	21.24	21.19	21.18		
5	QPSK	12	13	21.27	21.29	21.24		
5	QPSK	25	0	21.26	21.37	21.37		
5	16QAM	1	0	21.19	21.88	21.36	23	1
5	16QAM	1	12	21.46	21.80	21.16		
5	16QAM	1	24	21.40	21.73	21.25		
5	16QAM	12	0	20.27	20.29	20.21	22	2
5	16QAM	12	7	20.34	20.11	20.20		
5	16QAM	12	13	20.21	20.32	20.21		
5	16QAM	25	0	20.24	20.29	20.27		
5	64QAM	1	0	20.24	20.29	20.27	22	2
5	64QAM	1	12	20.42	20.43	20.46		
5	64QAM	1	24	20.47	20.51	20.29		
5	64QAM	12	0	19.11	19.23	19.31	21	3
5	64QAM	12	7	19.09	19.15	19.17		
5	64QAM	12	13	19.32	19.10	19.29		
5	64QAM	25	0	19.10	19.15	19.24		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.19	22.07	22.23	24	0
3	QPSK	1	8	22.17	22.06	22.29		
3	QPSK	1	14	22.14	22.26	22.20		
3	QPSK	8	0	21.17	21.23	21.20	23	1
3	QPSK	8	4	21.29	21.21	21.16		
3	QPSK	8	7	21.11	21.15	21.26		
3	QPSK	15	0	21.31	21.22	21.25		
3	16QAM	1	0	21.14	21.72	21.36	23	1
3	16QAM	1	8	21.42	21.77	21.15		
3	16QAM	1	14	21.45	21.67	21.25		
3	16QAM	8	0	20.18	20.15	20.26	22	2
3	16QAM	8	4	20.24	20.20	20.14		
3	16QAM	8	7	20.13	20.15	20.27		
3	16QAM	15	0	20.11	20.32	20.23		
3	64QAM	1	0	20.17	20.30	20.42	22	2
3	64QAM	1	8	20.43	20.59	20.46		
3	64QAM	1	14	20.37	20.46	20.41		
3	64QAM	8	0	19.18	19.13	19.41	21	3
3	64QAM	8	4	19.08	19.28	19.13		
3	64QAM	8	7	19.32	19.08	19.28		
3	64QAM	15	0	19.14	19.29	19.20		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.09	22.08	22.11	24	0
1.4	QPSK	1	3	22.35	22.12	22.08		
1.4	QPSK	1	5	22.11	22.26	22.34		
1.4	QPSK	3	0	22.26	22.23	22.24		
1.4	QPSK	3	1	22.17	22.20	22.23		
1.4	QPSK	3	3	22.14	22.27	22.31		
1.4	QPSK	6	0	21.26	21.16	21.21	23	1
1.4	16QAM	1	0	21.43	21.55	21.60	23	1
1.4	16QAM	1	3	21.40	21.71	21.18		
1.4	16QAM	1	5	21.82	21.78	21.64		
1.4	16QAM	3	0	21.22	21.06	21.27		
1.4	16QAM	3	1	21.10	21.15	21.20		
1.4	16QAM	3	3	21.25	21.27	21.13		
1.4	16QAM	6	0	20.27	20.35	20.29	22	2
1.4	64QAM	1	0	20.48	20.35	20.50	22	2
1.4	64QAM	1	3	20.47	20.52	20.15		
1.4	64QAM	1	5	20.21	20.23	20.25		
1.4	64QAM	3	0	20.40	20.29	20.37		
1.4	64QAM	3	1	20.38	20.01	20.45		
1.4	64QAM	3	3	20.32	20.19	20.51		
1.4	64QAM	6	0	19.29	19.13	19.16	21	3

Band 7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.22	22.32	22.22	24	0
20	QPSK	1	49	22.38	22.47	22.43		
20	QPSK	1	99	22.30	22.37	22.42		
20	QPSK	50	0	21.38	21.46	21.43	23	1
20	QPSK	50	24	21.32	21.35	21.40		
20	QPSK	50	50	21.24	21.43	21.42		
20	QPSK	100	0	21.26	21.40	21.33		
20	16QAM	1	0	21.71	21.73	21.15	23	1
20	16QAM	1	49	21.39	21.64	21.56		
20	16QAM	1	99	21.72	21.55	21.69		
20	16QAM	50	0	20.25	20.40	20.34	22	2
20	16QAM	50	24	20.31	20.33	20.40		
20	16QAM	50	50	20.22	20.44	20.45		
20	16QAM	100	0	20.29	20.43	20.29		
20	64QAM	1	0	20.36	20.19	20.24	22	2
20	64QAM	1	49	20.61	20.67	20.47		
20	64QAM	1	99	20.51	20.43	20.41		
20	64QAM	50	0	19.21	19.35	19.28	21	3
20	64QAM	50	24	19.32	19.26	19.32		
20	64QAM	50	50	19.27	19.35	19.33		
20	64QAM	100	0	19.23	19.33	19.29		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.26	22.38	22.14	24	0
15	QPSK	1	37	22.30	22.44	22.27		
15	QPSK	1	74	22.40	22.39	22.31		
15	QPSK	36	0	21.29	21.45	21.36	23	1
15	QPSK	36	20	21.22	21.45	21.40		
15	QPSK	36	39	21.19	21.38	21.45		
15	QPSK	75	0	21.19	21.37	21.26		
15	16QAM	1	0	21.75	21.68	21.14	23	1
15	16QAM	1	37	21.37	21.66	21.55		
15	16QAM	1	74	21.64	21.50	21.77		
15	16QAM	36	0	20.20	20.34	20.28	22	2
15	16QAM	36	20	20.41	20.30	20.39		
15	16QAM	36	39	20.22	20.40	20.43		
15	16QAM	75	0	20.34	20.36	20.23		
15	64QAM	1	0	20.39	20.11	20.22	22	2
15	64QAM	1	37	20.59	20.72	20.56		
15	64QAM	1	74	20.61	20.35	20.40		
15	64QAM	36	0	19.16	19.25	19.29	21	3
15	64QAM	36	20	19.38	19.26	19.26		
15	64QAM	36	39	19.19	19.37	19.38		
15	64QAM	75	0	19.24	19.30	19.34		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.16	22.23	22.15	24	0
10	QPSK	1	25	22.34	22.40	22.18		
10	QPSK	1	49	22.25	22.28	22.17		
10	QPSK	25	0	21.43	21.54	21.50	23	1
10	QPSK	25	12	21.34	21.27	21.44		
10	QPSK	25	25	21.31	21.47	21.48		
10	QPSK	50	0	21.17	21.36	21.28		
10	16QAM	1	0	21.73	21.63	21.08	23	1
10	16QAM	1	25	21.34	21.68	21.50		
10	16QAM	1	49	21.62	21.49	21.78		
10	16QAM	25	0	20.26	20.32	20.25	22	2
10	16QAM	25	12	20.36	20.35	20.49		
10	16QAM	25	25	20.17	20.39	20.35		
10	16QAM	50	0	20.38	20.33	20.29		
10	64QAM	1	0	20.35	20.13	20.21	22	2
10	64QAM	1	25	20.56	20.67	20.56		
10	64QAM	1	49	20.53	20.33	20.43		
10	64QAM	25	0	19.14	19.27	19.27	21	3
10	64QAM	25	12	19.40	19.33	19.42		
10	64QAM	25	25	19.30	19.30	19.41		
10	64QAM	50	0	19.32	19.37	19.35		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.20	22.34	22.31	24	0
5	QPSK	1	12	22.21	22.41	22.28		
5	QPSK	1	24	22.27	22.40	22.26		
5	QPSK	12	0	21.28	21.51	21.50	23	1
5	QPSK	12	7	21.39	21.45	21.49		
5	QPSK	12	13	21.24	21.48	21.40		
5	QPSK	25	0	21.31	21.46	21.39		
5	16QAM	1	0	21.74	21.74	21.14	23	1
5	16QAM	1	12	21.34	21.59	21.53		
5	16QAM	1	24	21.82	21.45	21.75		
5	16QAM	12	0	20.27	20.50	20.43	22	2
5	16QAM	12	7	20.23	20.23	20.39		
5	16QAM	12	13	20.12	20.37	20.51		
5	16QAM	25	0	20.25	20.33	20.37		
5	64QAM	1	0	20.38	20.20	20.33	22	2
5	64QAM	1	12	20.65	20.63	20.49		
5	64QAM	1	24	20.54	20.50	20.32		
5	64QAM	12	0	19.22	19.44	19.38	21	3
5	64QAM	12	7	19.27	19.16	19.34		
5	64QAM	12	13	19.23	19.33	19.39		
5	64QAM	25	0	19.31	19.23	19.28		

Band 7(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.81	22.92	22.80	24	0
20	QPSK	1	49	22.98	23.06	23.02		
20	QPSK	1	99	22.88	22.91	23.00		
20	QPSK	50	0	21.97	22.01	21.98	23	1
20	QPSK	50	24	21.87	21.88	21.91		
20	QPSK	50	50	21.78	21.95	21.95		
20	QPSK	100	0	21.78	21.98	21.87		
20	16QAM	1	0	22.27	22.27	21.67	23	1
20	16QAM	1	49	21.98	22.21	22.09		
20	16QAM	1	99	22.28	22.11	22.24		
20	16QAM	50	0	20.80	20.93	20.89	22	2
20	16QAM	50	24	20.82	20.84	20.93		
20	16QAM	50	50	20.77	20.98	20.94		
20	16QAM	100	0	20.83	20.99	20.82		
20	64QAM	1	0	20.87	20.69	20.79	22	2
20	64QAM	1	49	21.14	21.21	20.99		
20	64QAM	1	99	21.08	20.99	20.92		
20	64QAM	50	0	19.74	19.89	19.80	21	3
20	64QAM	50	24	19.80	19.80	19.86		
20	64QAM	50	50	19.74	19.82	19.84		
20	64QAM	100	0	19.70	19.84	19.78		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.74	23.01	22.74	24	0
15	QPSK	1	37	22.97	22.98	22.89		
15	QPSK	1	74	22.98	22.86	22.99		
15	QPSK	36	0	21.99	22.11	21.96	23	1
15	QPSK	36	20	21.88	21.97	21.88		
15	QPSK	36	39	21.76	21.90	21.91		
15	QPSK	75	0	21.87	22.05	21.90		
15	16QAM	1	0	22.35	22.36	21.69	23	1
15	16QAM	1	37	22.01	22.20	22.02		
15	16QAM	1	74	22.21	22.11	22.28		
15	16QAM	36	0	20.70	21.02	20.84	22	2
15	16QAM	36	20	20.84	20.79	20.83		
15	16QAM	36	39	20.75	21.01	20.94		
15	16QAM	75	0	20.76	20.92	20.78		
15	64QAM	1	0	20.82	20.79	20.84	22	2
15	64QAM	1	37	21.09	21.27	20.89		
15	64QAM	1	74	21.09	20.89	20.93		
15	64QAM	36	0	19.80	19.87	19.76	21	3
15	64QAM	36	20	19.88	19.82	19.83		
15	64QAM	36	39	19.78	19.86	19.93		
15	64QAM	75	0	19.62	19.81	19.71		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.71	22.97	22.78	24	0
10	QPSK	1	25	22.79	22.94	22.84		
10	QPSK	1	49	22.80	22.90	22.99		
10	QPSK	25	0	21.93	22.06	22.02	23	1
10	QPSK	25	12	21.80	21.88	21.82		
10	QPSK	25	25	21.75	21.98	21.88		
10	QPSK	50	0	21.68	21.92	21.95		
10	16QAM	1	0	22.17	22.20	21.77	23	1
10	16QAM	1	25	22.03	22.21	22.04		
10	16QAM	1	49	22.20	22.19	22.20		
10	16QAM	25	0	20.86	20.88	20.98	22	2
10	16QAM	25	12	20.74	20.87	20.99		
10	16QAM	25	25	20.83	20.97	20.98		
10	16QAM	50	0	20.74	21.06	20.77		
10	64QAM	1	0	20.79	20.79	20.88	22	2
10	64QAM	1	25	21.05	21.21	20.91		
10	64QAM	1	49	21.08	21.08	20.91		
10	64QAM	25	0	19.64	19.82	19.72	21	3
10	64QAM	25	12	19.83	19.90	19.90		
10	64QAM	25	25	19.83	19.81	19.90		
10	64QAM	50	0	19.80	19.94	19.76		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.89	22.92	22.75	24	0
5	QPSK	1	12	22.85	22.92	22.72		
5	QPSK	1	24	22.92	22.85	22.96		
5	QPSK	12	0	21.99	21.96	21.94	23	1
5	QPSK	12	7	21.88	21.80	21.89		
5	QPSK	12	13	21.74	21.88	21.99		
5	QPSK	25	0	21.77	21.98	21.86		
5	16QAM	1	0	22.18	22.22	21.59	23	1
5	16QAM	1	12	21.89	22.14	22.14		
5	16QAM	1	24	22.28	22.16	22.27		
5	16QAM	12	0	20.88	20.91	20.98	22	2
5	16QAM	12	7	20.77	20.81	20.98		
5	16QAM	12	13	20.74	20.90	21.02		
5	16QAM	25	0	20.89	20.91	20.83		
5	64QAM	1	0	20.78	20.68	20.69	22	2
5	64QAM	1	12	21.23	21.29	20.96		
5	64QAM	1	24	20.98	21.04	20.94		
5	64QAM	12	0	19.78	19.93	19.78	21	3
5	64QAM	12	7	19.81	19.90	19.76		
5	64QAM	12	13	19.64	19.81	19.89		
5	64QAM	25	0	19.78	19.88	19.75		

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	22.13	22.16	22.21	24	0
10	QPSK	1	25	22.23	22.30	22.26		
10	QPSK	1	49	22.17	22.24	22.23		
10	QPSK	25	0	21.26	21.27	21.26	23	1
10	QPSK	25	12	21.25	21.19	21.21		
10	QPSK	25	25	21.24	21.22	21.15		
10	QPSK	50	0	21.22	21.24	21.16		
10	16QAM	1	0	21.40	21.01	21.14	23	1
10	16QAM	1	25	21.52	21.43	21.56		
10	16QAM	1	49	21.41	21.58	21.77		
10	16QAM	25	0	20.19	20.19	20.17	22	2
10	16QAM	25	12	20.28	20.25	20.28		
10	16QAM	25	25	20.38	20.21	20.14		
10	16QAM	50	0	20.20	20.19	20.14		
10	64QAM	1	0	20.22	20.39	20.49	22	2
10	64QAM	1	25	20.33	20.19	20.26		
10	64QAM	1	49	20.47	20.43	20.40		
10	64QAM	25	0	19.16	19.13	19.18	21	3
10	64QAM	25	12	19.13	19.16	19.29		
10	64QAM	25	25	19.28	19.21	19.26		
10	64QAM	50	0	19.11	19.16	19.14		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.17	22.17	22.25	24	0
5	QPSK	1	12	22.22	22.10	22.19		
5	QPSK	1	24	22.12	22.19	22.28		
5	QPSK	12	0	21.32	21.36	21.20	23	1
5	QPSK	12	7	21.20	21.29	21.11		
5	QPSK	12	13	21.19	21.19	21.26		
5	QPSK	25	0	21.23	21.18	21.11		
5	16QAM	1	0	21.34	21.03	21.21	23	1
5	16QAM	1	12	21.46	21.46	21.63		
5	16QAM	1	24	21.44	21.57	21.78		
5	16QAM	12	0	20.26	20.12	20.18	22	2
5	16QAM	12	7	20.18	20.33	20.37		
5	16QAM	12	13	20.30	20.25	20.08		
5	16QAM	25	0	20.21	20.18	20.08		
5	64QAM	1	0	20.15	20.34	20.50	22	2
5	64QAM	1	12	20.31	20.29	20.32		
5	64QAM	1	24	20.39	20.42	20.44		
5	64QAM	12	0	19.07	19.11	19.15	21	3
5	64QAM	12	7	19.15	19.18	19.22		
5	64QAM	12	13	19.35	19.24	19.34		
5	64QAM	25	0	19.06	19.19	19.20		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.13	22.26	22.25	24	0
3	QPSK	1	8	22.21	22.24	22.16		
3	QPSK	1	14	22.11	22.28	22.18		
3	QPSK	8	0	21.25	21.33	21.27	23	1
3	QPSK	8	4	21.16	21.24	21.13		
3	QPSK	8	7	21.30	21.24	21.25		
3	QPSK	15	0	21.24	21.33	21.20		
3	16QAM	1	0	21.37	21.09	21.09	23	1
3	16QAM	1	8	21.55	21.50	21.50		
3	16QAM	1	14	21.44	21.67	21.84		
3	16QAM	8	0	20.11	20.18	20.26	22	2
3	16QAM	8	4	20.31	20.16	20.19		
3	16QAM	8	7	20.34	20.11	20.21		
3	16QAM	15	0	20.21	20.27	20.07		
3	64QAM	1	0	20.24	20.42	20.48	22	2
3	64QAM	1	8	20.35	20.20	20.36		
3	64QAM	1	14	20.38	20.39	20.30		
3	64QAM	8	0	19.14	19.10	19.27	21	3
3	64QAM	8	4	19.22	19.23	19.29		
3	64QAM	8	7	19.22	19.18	19.31		
3	64QAM	15	0	19.09	19.11	19.06		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.26	22.21	22.25	24	0
1.4	QPSK	1	3	22.13	22.27	22.08		
1.4	QPSK	1	5	22.19	22.10	22.26		
1.4	QPSK	3	0	22.17	22.23	22.18		
1.4	QPSK	3	1	22.27	22.27	22.20		
1.4	QPSK	3	3	22.16	22.20	22.25		
1.4	QPSK	6	0	21.25	21.17	21.24	23	1
1.4	16QAM	1	0	21.83	21.70	21.44	23	1
1.4	16QAM	1	3	21.20	21.09	21.87		
1.4	16QAM	1	5	21.87	21.71	21.70		
1.4	16QAM	3	0	21.03	21.09	21.30		
1.4	16QAM	3	1	21.15	21.18	21.08		
1.4	16QAM	3	3	21.29	21.04	21.11		
1.4	16QAM	6	0	20.24	20.21	20.17	22	2
1.4	64QAM	1	0	20.02	20.53	20.50	22	2
1.4	64QAM	1	3	20.65	20.36	20.31		
1.4	64QAM	1	5	20.15	20.42	20.19		
1.4	64QAM	3	0	20.38	20.32	20.19		
1.4	64QAM	3	1	20.18	20.37	20.34		
1.4	64QAM	3	3	20.32	20.26	20.30		
1.4	64QAM	6	0	19.17	19.12	19.17	21	3

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.39		24	0
10	QPSK	1	25		22.63			
10	QPSK	1	49		22.51			
10	QPSK	25	0		21.55		23	1
10	QPSK	25	12		21.46			
10	QPSK	25	25		21.50			
10	QPSK	50	0		21.54			
10	16QAM	1	0		21.32		23	1
10	16QAM	1	25		22.05			
10	16QAM	1	49		21.66			
10	16QAM	25	0		20.47		22	2
10	16QAM	25	12		20.56			
10	16QAM	25	25		20.53			
10	16QAM	50	0		20.51			
10	64QAM	1	0		20.57		22	2
10	64QAM	1	25		20.85			
10	64QAM	1	49		20.54			
10	64QAM	25	0		19.48		21	3
10	64QAM	25	12		19.55			
10	64QAM	25	25		19.47			
10	64QAM	50	0		19.49			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.39	22.56	22.61	24	0
5	QPSK	1	12	22.49	22.44	22.51		
5	QPSK	1	24	22.54	22.60	22.53		
5	QPSK	12	0	21.44	21.44	21.49	23	1
5	QPSK	12	7	21.45	21.47	21.49		
5	QPSK	12	13	21.41	21.43	21.44		
5	QPSK	25	0	21.45	21.47	21.49		
5	16QAM	1	0	22.03	21.46	21.43	23	1
5	16QAM	1	12	21.95	21.87	21.46		
5	16QAM	1	24	21.52	21.96	21.79		
5	16QAM	12	0	20.39	20.35	20.43	22	2
5	16QAM	12	7	20.28	20.45	20.36		
5	16QAM	12	13	20.41	20.32	20.42		
5	16QAM	25	0	20.38	20.53	20.48		
5	64QAM	1	0	20.42	20.42	20.88	22	2
5	64QAM	1	12	20.70	20.50	20.76		
5	64QAM	1	24	20.76	20.61	20.51		
5	64QAM	12	0	19.45	19.45	19.34	21	3
5	64QAM	12	7	19.42	19.42	19.49		
5	64QAM	12	13	19.34	19.35	19.47		
5	64QAM	25	0	19.43	19.47	19.37		

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	22.09	22.05	22.07	24	0
10	QPSK	1	25	22.12	22.23	22.22		
10	QPSK	1	49	22.11	22.15	22.01		
10	QPSK	25	0	21.07	21.11	21.06	23	1
10	QPSK	25	12	21.05	21.00	21.02		
10	QPSK	25	25	21.05	21.04	21.05		
10	QPSK	50	0	21.04	21.09	21.06		
10	16QAM	1	0	21.65	21.21	21.37	23	1
10	16QAM	1	25	21.70	21.17	21.42		
10	16QAM	1	49	21.09	21.39	21.34		
10	16QAM	25	0	20.04	20.01	20.03	22	2
10	16QAM	25	12	20.07	20.05	20.08		
10	16QAM	25	25	20.03	20.03	20.12		
10	16QAM	50	0	20.04	20.02	20.08		
10	64QAM	1	0	20.10	20.39	20.16	22	2
10	64QAM	1	25	20.13	20.18	20.38		
10	64QAM	1	49	20.36	20.45	20.18		
10	64QAM	25	0	19.15	19.11	19.12	21	3
10	64QAM	25	12	19.18	19.13	19.13		
10	64QAM	25	25	19.10	19.09	19.11		
10	64QAM	50	0	19.14	19.16	19.17		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.00	22.05	22.09	24	0
5	QPSK	1	12	22.06	22.09	22.15		
5	QPSK	1	24	22.12	22.14	22.09		
5	QPSK	12	0	21.05	21.05	21.11	23	1
5	QPSK	12	7	21.15	21.01	21.01		
5	QPSK	12	13	21.13	21.08	21.12		
5	QPSK	25	0	21.06	21.00	21.13		
5	16QAM	1	0	21.65	21.12	21.38	23	1
5	16QAM	1	12	21.61	21.23	21.38		
5	16QAM	1	24	21.11	21.30	21.25		
5	16QAM	12	0	20.03	20.00	20.07	22	2
5	16QAM	12	7	20.12	20.09	20.15		
5	16QAM	12	13	20.02	20.11	20.06		
5	16QAM	25	0	20.04	20.09	20.06		
5	64QAM	1	0	20.06	20.29	20.26	22	2
5	64QAM	1	12	20.18	20.24	20.39		
5	64QAM	1	24	20.31	20.47	20.28		
5	64QAM	12	0	19.25	19.11	19.03	21	3
5	64QAM	12	7	19.18	19.16	19.12		
5	64QAM	12	13	19.18	19.13	19.18		
5	64QAM	25	0	19.10	19.22	19.25		

Band 25_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.38	22.41	22.42	24	0
20	QPSK	1	49	22.56	22.65	22.55		
20	QPSK	1	99	22.44	22.39	22.35		
20	QPSK	50	0	21.56	21.57	21.52	23	1
20	QPSK	50	24	21.50	21.50	21.47		
20	QPSK	50	50	21.48	21.48	21.36		
20	QPSK	100	0	21.45	21.50	21.43		
20	16QAM	1	0	21.56	21.99	21.50	23	1
20	16QAM	1	49	22.00	22.07	21.76		
20	16QAM	1	99	21.86	21.89	21.30		
20	16QAM	50	0	20.46	20.62	20.53	22	2
20	16QAM	50	24	20.54	20.51	20.61		
20	16QAM	50	50	20.49	20.46	20.42		
20	16QAM	100	0	20.44	20.47	20.40		
20	64QAM	1	0	20.50	20.34	20.80	22	2
20	64QAM	1	49	20.70	20.37	20.34		
20	64QAM	1	99	20.65	20.64	20.44		
20	64QAM	50	0	19.43	19.60	19.46	21	3
20	64QAM	50	24	19.47	19.43	19.49		
20	64QAM	50	50	19.56	19.45	19.29		
20	64QAM	100	0	19.41	19.35	19.36		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.48	22.50	22.32	24	0
15	QPSK	1	37	22.45	22.45	22.40		
15	QPSK	1	74	22.44	22.42	22.45		
15	QPSK	36	0	21.57	21.63	21.43	23	1
15	QPSK	36	20	21.54	21.40	21.38		
15	QPSK	36	39	21.54	21.47	21.27		
15	QPSK	75	0	21.53	21.55	21.52		
15	16QAM	1	0	21.46	21.97	21.58	23	1
15	16QAM	1	37	22.05	21.97	21.67		
15	16QAM	1	74	21.81	21.90	21.20		
15	16QAM	36	0	20.40	20.72	20.43	22	2
15	16QAM	36	20	20.60	20.42	20.66		
15	16QAM	36	39	20.58	20.44	20.39		
15	16QAM	75	0	20.36	20.52	20.36		
15	64QAM	1	0	20.48	20.48	20.84	22	2
15	64QAM	1	37	20.63	20.33	20.41		
15	64QAM	1	74	20.71	20.60	20.34		
15	64QAM	36	0	19.45	19.56	19.44	21	3
15	64QAM	36	20	19.45	19.33	19.54		
15	64QAM	36	39	19.47	19.40	19.24		
15	64QAM	75	0	19.42	19.45	19.39		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.34	22.33	22.33	24	0
10	QPSK	1	25	22.56	22.43	22.45		
10	QPSK	1	49	22.42	22.49	22.40		
10	QPSK	25	0	21.59	21.58	21.56	23	1
10	QPSK	25	12	21.57	21.53	21.50		
10	QPSK	25	25	21.50	21.39	21.41		
10	QPSK	50	0	21.46	21.54	21.43		
10	16QAM	1	0	21.59	22.07	21.44	23	1
10	16QAM	1	25	22.02	21.99	21.78		
10	16QAM	1	49	21.82	21.89	21.27		
10	16QAM	25	0	20.55	20.61	20.62	22	2
10	16QAM	25	12	20.60	20.60	20.51		
10	16QAM	25	25	20.39	20.48	20.40		
10	16QAM	50	0	20.46	20.54	20.45		
10	64QAM	1	0	20.55	20.40	20.73	22	2
10	64QAM	1	25	20.62	20.32	20.44		
10	64QAM	1	49	20.64	20.67	20.45		
10	64QAM	25	0	19.39	19.64	19.41	21	3
10	64QAM	25	12	19.38	19.47	19.43		
10	64QAM	25	25	19.51	19.42	19.35		
10	64QAM	50	0	19.45	19.45	19.26		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.39	22.31	22.52	24	0
5	QPSK	1	12	22.44	22.53	22.48		
5	QPSK	1	24	22.46	22.45	22.42		
5	QPSK	12	0	21.60	21.57	21.58	23	1
5	QPSK	12	7	21.45	21.54	21.39		
5	QPSK	12	13	21.49	21.39	21.30		
5	QPSK	25	0	21.54	21.57	21.46		
5	16QAM	1	0	21.46	22.07	21.59	23	1
5	16QAM	1	12	22.07	22.11	21.83		
5	16QAM	1	24	21.88	21.89	21.20		
5	16QAM	12	0	20.46	20.59	20.53	22	2
5	16QAM	12	7	20.48	20.44	20.64		
5	16QAM	12	13	20.45	20.37	20.39		
5	16QAM	25	0	20.35	20.37	20.36		
5	64QAM	1	0	20.47	20.40	20.86	22	2
5	64QAM	1	12	20.69	20.33	20.40		
5	64QAM	1	24	20.64	20.73	20.40		
5	64QAM	12	0	19.38	19.60	19.55	21	3
5	64QAM	12	7	19.44	19.47	19.59		
5	64QAM	12	13	19.56	19.45	19.32		
5	64QAM	25	0	19.46	19.44	19.28		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.29	22.34	22.33	24	0
3	QPSK	1	8	22.37	22.48	22.55		
3	QPSK	1	14	22.54	22.49	22.36		
3	QPSK	8	0	21.63	21.56	21.49	23	1
3	QPSK	8	4	21.41	21.58	21.39		
3	QPSK	8	7	21.57	21.43	21.29		
3	QPSK	15	0	21.39	21.49	21.50		
3	16QAM	1	0	21.49	21.97	21.47	23	1
3	16QAM	1	8	22.07	22.04	21.84		
3	16QAM	1	14	21.76	21.83	21.24		
3	16QAM	8	0	20.45	20.65	20.58	22	2
3	16QAM	8	4	20.44	20.50	20.58		
3	16QAM	8	7	20.50	20.39	20.38		
3	16QAM	15	0	20.44	20.47	20.30		
3	64QAM	1	0	20.57	20.39	20.88	22	2
3	64QAM	1	8	20.60	20.30	20.30		
3	64QAM	1	14	20.73	20.60	20.40		
3	64QAM	8	0	19.49	19.65	19.43	21	3
3	64QAM	8	4	19.50	19.46	19.56		
3	64QAM	8	7	19.51	19.47	19.37		
3	64QAM	15	0	19.48	19.44	19.44		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.48	22.52	22.52	24	0
1.4	QPSK	1	3	22.55	22.56	22.46		
1.4	QPSK	1	5	22.47	22.60	22.64		
1.4	QPSK	3	0	22.46	22.50	22.64		
1.4	QPSK	3	1	22.50	22.58	22.56		
1.4	QPSK	3	3	22.51	22.59	22.59		
1.4	QPSK	6	0	21.40	21.57	21.52	23	1
1.4	16QAM	1	0	22.00	21.71	21.86	23	1
1.4	16QAM	1	3	21.50	21.63	21.92		
1.4	16QAM	1	5	21.70	22.11	21.46		
1.4	16QAM	3	0	21.49	21.63	21.44		
1.4	16QAM	3	1	21.56	21.54	21.61		
1.4	16QAM	3	3	21.53	21.56	21.57		
1.4	16QAM	6	0	20.50	20.73	20.48	22	2
1.4	64QAM	1	0	20.71	20.37	20.60	22	2
1.4	64QAM	1	3	20.64	20.61	20.55		
1.4	64QAM	1	5	20.68	20.69	20.63		
1.4	64QAM	3	0	20.68	20.51	20.57		
1.4	64QAM	3	1	20.72	20.55	20.60		
1.4	64QAM	3	3	20.51	20.31	20.70		
1.4	64QAM	6	0	19.38	19.46	19.50	21	3

Band 26(FCC)_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	22.50	22.61	22.35	24	0
15	QPSK	1	37	22.51	22.74	22.45		
15	QPSK	1	74	22.43	22.62	22.39		
15	QPSK	36	0	21.64	21.64	21.49	23	1
15	QPSK	36	20	21.51	21.62	21.39		
15	QPSK	36	39	21.49	21.63	21.42		
15	QPSK	75	0	21.58	21.62	21.45		
15	16QAM	1	0	21.58	21.55	22.00	23	1
15	16QAM	1	37	22.09	21.72	21.56		
15	16QAM	1	74	21.44	22.11	21.82		
15	16QAM	36	0	20.60	20.58	20.49	22	2
15	16QAM	36	20	20.56	20.51	20.47		
15	16QAM	36	39	20.58	20.66	20.39		
15	16QAM	75	0	20.55	20.66	20.40		
15	64QAM	1	0	20.26	20.93	20.46	22	2
15	64QAM	1	37	20.89	20.57	20.68		
15	64QAM	1	74	20.48	20.87	20.63		
15	64QAM	36	0	19.51	19.64	19.54	21	3
15	64QAM	36	20	19.56	19.64	19.37		
15	64QAM	36	39	19.45	19.58	19.43		
15	64QAM	75	0	19.51	19.51	19.46		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.47	22.65	22.38	24	0
10	QPSK	1	25	22.57	22.62	22.39		
10	QPSK	1	49	22.51	22.68	22.33		
10	QPSK	25	0	21.55	21.65	21.52	23	1
10	QPSK	25	12	21.48	21.70	21.34		
10	QPSK	25	25	21.54	21.55	21.46		
10	QPSK	50	0	21.52	21.59	21.38		
10	16QAM	1	0	21.52	21.50	22.02	23	1
10	16QAM	1	25	22.14	21.74	21.59		
10	16QAM	1	49	21.46	22.04	21.81		
10	16QAM	25	0	20.51	20.55	20.52	22	2
10	16QAM	25	12	20.61	20.59	20.56		
10	16QAM	25	25	20.61	20.76	20.47		
10	16QAM	50	0	20.52	20.61	20.35		
10	64QAM	1	0	20.21	20.84	20.55	22	2
10	64QAM	1	25	20.89	20.65	20.60		
10	64QAM	1	49	20.41	20.97	20.73		
10	64QAM	25	0	19.61	19.63	19.45	21	3
10	64QAM	25	12	19.48	19.74	19.38		
10	64QAM	25	25	19.49	19.61	19.45		
10	64QAM	50	0	19.52	19.46	19.51		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.52	22.55	22.40	24	0
5	QPSK	1	12	22.48	22.63	22.40		
5	QPSK	1	24	22.35	22.55	22.47		
5	QPSK	12	0	21.62	21.67	21.57	23	1
5	QPSK	12	7	21.61	21.62	21.34		
5	QPSK	12	13	21.58	21.64	21.32		
5	QPSK	25	0	21.67	21.65	21.45		
5	16QAM	1	0	21.64	21.49	22.09	23	1
5	16QAM	1	12	22.03	21.64	21.64		
5	16QAM	1	24	21.38	22.15	21.81		
5	16QAM	12	0	20.61	20.56	20.56	22	2
5	16QAM	12	7	20.66	20.57	20.39		
5	16QAM	12	13	20.56	20.71	20.33		
5	16QAM	25	0	20.54	20.76	20.44		
5	64QAM	1	0	20.36	20.83	20.41	22	2
5	64QAM	1	12	20.88	20.62	20.72		
5	64QAM	1	24	20.56	20.83	20.59		
5	64QAM	12	0	19.59	19.63	19.49	21	3
5	64QAM	12	7	19.60	19.62	19.46		
5	64QAM	12	13	19.43	19.57	19.52		
5	64QAM	25	0	19.48	19.57	19.44		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.55	22.71	22.30	24	0
3	QPSK	1	8	22.42	22.70	22.49		
3	QPSK	1	14	22.37	22.69	22.47		
3	QPSK	8	0	21.52	21.74	21.52	23	1
3	QPSK	8	4	21.56	21.72	21.32		
3	QPSK	8	7	21.49	21.72	21.34		
3	QPSK	15	0	21.60	21.69	21.35		
3	16QAM	1	0	21.60	21.46	22.09	23	1
3	16QAM	1	8	22.07	21.76	21.61		
3	16QAM	1	14	21.45	22.13	21.72		
3	16QAM	8	0	20.67	20.64	20.39	22	2
3	16QAM	8	4	20.53	20.45	20.38		
3	16QAM	8	7	20.67	20.61	20.35		
3	16QAM	15	0	20.45	20.61	20.36		
3	64QAM	1	0	20.35	20.92	20.54	22	2
3	64QAM	1	8	20.82	20.58	20.70		
3	64QAM	1	14	20.46	20.90	20.53		
3	64QAM	8	0	19.49	19.59	19.49	21	3
3	64QAM	8	4	19.64	19.54	19.39		
3	64QAM	8	7	19.51	19.66	19.43		
3	64QAM	15	0	19.56	19.56	19.55		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.49	22.53	22.18	24	0
1.4	QPSK	1	3	22.65	22.47	22.45		
1.4	QPSK	1	5	22.68	22.42	22.36		
1.4	QPSK	3	0	22.60	22.55	22.46		
1.4	QPSK	3	1	22.67	22.51	22.28		
1.4	QPSK	3	3	22.65	22.43	22.33		
1.4	QPSK	6	0	21.65	21.52	21.30	23	1
1.4	16QAM	1	0	21.56	22.09	21.54	23	1
1.4	16QAM	1	3	21.87	21.74	21.25		
1.4	16QAM	1	5	21.92	22.03	21.64		
1.4	16QAM	3	0	21.68	21.57	21.41		
1.4	16QAM	3	1	21.65	21.54	21.39		
1.4	16QAM	3	3	21.72	21.45	21.38		
1.4	16QAM	6	0	20.70	20.49	20.49	22	2
1.4	64QAM	1	0	20.79	20.75	20.35	22	2
1.4	64QAM	1	3	20.66	20.24	20.62		
1.4	64QAM	1	5	20.68	20.84	20.66		
1.4	64QAM	3	0	20.66	20.69	20.50		
1.4	64QAM	3	1	20.86	20.73	20.52		
1.4	64QAM	3	3	20.69	20.70	20.42		
1.4	64QAM	6	0	19.63	19.61	19.33	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	22.34	22.26	22.26	24	0
20	QPSK	1	49	22.47	22.60	22.49		
20	QPSK	1	99	22.31	22.19	22.27		
20	QPSK	50	0	21.48	21.49	21.41	23	1
20	QPSK	50	24	21.47	21.46	21.39		
20	QPSK	50	50	21.40	21.31	21.27		
20	QPSK	100	0	21.32	21.38	21.33		
20	16QAM	1	0	21.86	21.78	21.90	23	1
20	16QAM	1	49	21.88	21.41	21.33		
20	16QAM	1	99	21.27	21.38	21.74		
20	16QAM	50	0	20.39	20.44	20.41	22	2
20	16QAM	50	24	20.43	20.38	20.39		
20	16QAM	50	50	20.27	20.35	20.19		
20	16QAM	100	0	20.38	20.35	20.26		
20	64QAM	1	0	20.53	20.63	20.39	22	2
20	64QAM	1	49	20.53	20.62	20.68		
20	64QAM	1	99	20.57	20.26	20.40		
20	64QAM	50	0	19.31	19.39	19.38	21	3
20	64QAM	50	24	19.36	19.40	19.42		
20	64QAM	50	50	19.33	19.27	19.25		
20	64QAM	100	0	19.31	19.26	19.28		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.44	22.30	22.29	24	0
15	QPSK	1	37	22.47	22.34	22.29		
15	QPSK	1	74	22.32	22.13	22.29		
15	QPSK	36	0	21.53	21.44	21.51	23	1
15	QPSK	36	20	21.44	21.37	21.38		
15	QPSK	36	39	21.41	21.41	21.32		
15	QPSK	75	0	21.25	21.40	21.37		
15	16QAM	1	0	21.82	21.72	21.88	23	1
15	16QAM	1	37	21.90	21.34	21.40		
15	16QAM	1	74	21.23	21.28	21.83		
15	16QAM	36	0	20.40	20.46	20.43	22	2
15	16QAM	36	20	20.51	20.36	20.49		
15	16QAM	36	39	20.17	20.40	20.19		
15	16QAM	75	0	20.35	20.34	20.36		
15	64QAM	1	0	20.60	20.60	20.46	22	2
15	64QAM	1	37	20.52	20.72	20.58		
15	64QAM	1	74	20.58	20.30	20.38		
15	64QAM	36	0	19.34	19.44	19.31	21	3
15	64QAM	36	20	19.34	19.38	19.40		
15	64QAM	36	39	19.29	19.32	19.35		
15	64QAM	75	0	19.38	19.24	19.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.30	22.27	22.35	24	0
10	QPSK	1	25	22.43	22.24	22.39		
10	QPSK	1	49	22.27	22.14	22.31		
10	QPSK	25	0	21.54	21.46	21.40	23	1
10	QPSK	25	12	21.47	21.42	21.32		
10	QPSK	25	25	21.49	21.21	21.27		
10	QPSK	50	0	21.24	21.30	21.37		
10	16QAM	1	0	21.94	21.68	21.95	23	1
10	16QAM	1	25	21.80	21.48	21.26		
10	16QAM	1	49	21.20	21.42	21.76		
10	16QAM	25	0	20.29	20.45	20.37	22	2
10	16QAM	25	12	20.43	20.36	20.37		
10	16QAM	25	25	20.34	20.27	20.15		
10	16QAM	50	0	20.38	20.39	20.31		
10	64QAM	1	0	20.47	20.60	20.41	22	2
10	64QAM	1	25	20.45	20.56	20.59		
10	64QAM	1	49	20.50	20.23	20.42		
10	64QAM	25	0	19.27	19.41	19.35	21	3
10	64QAM	25	12	19.35	19.49	19.49		
10	64QAM	25	25	19.25	19.35	19.25		
10	64QAM	50	0	19.41	19.20	19.20		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.25	22.25	22.36	24	0
5	QPSK	1	12	22.27	22.30	22.33		
5	QPSK	1	24	22.29	22.26	22.24		
5	QPSK	12	0	21.55	21.53	21.51	23	1
5	QPSK	12	7	21.54	21.53	21.49		
5	QPSK	12	13	21.44	21.39	21.32		
5	QPSK	25	0	21.26	21.41	21.26		
5	16QAM	1	0	21.83	21.87	21.88	23	1
5	16QAM	1	12	21.98	21.36	21.35		
5	16QAM	1	24	21.32	21.47	21.80		
5	16QAM	12	0	20.45	20.49	20.41	22	2
5	16QAM	12	7	20.53	20.41	20.40		
5	16QAM	12	13	20.33	20.35	20.17		
5	16QAM	25	0	20.45	20.40	20.17		
5	64QAM	1	0	20.46	20.55	20.29	22	2
5	64QAM	1	12	20.49	20.59	20.78		
5	64QAM	1	24	20.67	20.18	20.49		
5	64QAM	12	0	19.36	19.46	19.39	21	3
5	64QAM	12	7	19.27	19.41	19.48		
5	64QAM	12	13	19.39	19.33	19.23		
5	64QAM	25	0	19.35	19.26	19.21		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.25	22.27	22.18	24	0
3	QPSK	1	8	22.43	22.20	22.24		
3	QPSK	1	14	22.26	22.29	22.20		
3	QPSK	8	0	21.47	21.55	21.46	23	1
3	QPSK	8	4	21.52	21.50	21.36		
3	QPSK	8	7	21.47	21.21	21.17		
3	QPSK	15	0	21.27	21.31	21.42		
3	16QAM	1	0	21.96	21.88	21.95	23	1
3	16QAM	1	8	21.80	21.33	21.36		
3	16QAM	1	14	21.35	21.36	21.66		
3	16QAM	8	0	20.42	20.51	20.43	22	2
3	16QAM	8	4	20.37	20.31	20.38		
3	16QAM	8	7	20.27	20.41	20.27		
3	16QAM	15	0	20.41	20.27	20.35		
3	64QAM	1	0	20.43	20.53	20.32	22	2
3	64QAM	1	8	20.47	20.64	20.63		
3	64QAM	1	14	20.66	20.22	20.34		
3	64QAM	8	0	19.28	19.36	19.41	21	3
3	64QAM	8	4	19.44	19.31	19.34		
3	64QAM	8	7	19.27	19.23	19.33		
3	64QAM	15	0	19.27	19.18	19.31		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.35	22.39	22.41	24	0
1.4	QPSK	1	3	22.30	22.57	22.48		
1.4	QPSK	1	5	22.37	22.36	22.29		
1.4	QPSK	3	0	22.39	22.51	22.44		
1.4	QPSK	3	1	22.41	22.54	22.38		
1.4	QPSK	3	3	22.43	22.47	22.39		
1.4	QPSK	6	0	21.36	21.45	21.34	23	1
1.4	16QAM	1	0	21.67	21.84	21.89	23	1
1.4	16QAM	1	3	21.56	21.38	21.62		
1.4	16QAM	1	5	21.32	21.89	21.53		
1.4	16QAM	3	0	21.41	21.43	21.37		
1.4	16QAM	3	1	21.46	21.53	21.46		
1.4	16QAM	3	3	21.29	21.50	21.37		
1.4	16QAM	6	0	20.33	20.40	20.31	22	2
1.4	64QAM	1	0	20.56	20.70	20.68	22	2
1.4	64QAM	1	3	20.10	20.53	20.49		
1.4	64QAM	1	5	20.72	20.55	20.37		
1.4	64QAM	3	0	20.34	20.50	20.53		
1.4	64QAM	3	1	20.11	20.72	20.47		
1.4	64QAM	3	3	20.45	20.44	20.42		
1.4	64QAM	6	0	19.41	19.41	19.28	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	23.02	23.11	23.12	24	0
20	QPSK	1	49	23.15	23.24	23.18		
20	QPSK	1	99	23.10	23.23	23.03		
20	QPSK	50	0	22.11	22.13	22.09	23	1
20	QPSK	50	24	22.01	22.01	22.01		
20	QPSK	50	50	21.97	22.10	22.04		
20	QPSK	100	0	22.01	22.09	22.00		
20	16QAM	1	0	21.98	22.04	22.00	23	1
20	16QAM	1	49	22.04	22.00	21.97		
20	16QAM	1	99	22.08	22.10	22.00		
20	16QAM	50	0	21.06	20.99	21.05	22	2
20	16QAM	50	24	21.00	21.06	20.95		
20	16QAM	50	50	20.99	21.10	20.99		
20	16QAM	100	0	21.08	21.04	20.98		
20	64QAM	1	0	21.06	21.10	20.99	22	2
20	64QAM	1	49	21.07	21.08	21.00		
20	64QAM	1	99	21.06	20.99	20.97		
20	64QAM	50	0	20.10	20.00	20.01	21	3
20	64QAM	50	24	20.09	20.00	20.01		
20	64QAM	50	50	20.03	19.98	19.96		
20	64QAM	100	0	20.06	20.01	20.06		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.97	23.05	23.08	24	0
15	QPSK	1	37	23.12	23.22	23.09		
15	QPSK	1	74	23.17	23.14	23.20		
15	QPSK	36	0	22.11	22.07	22.12	23	1
15	QPSK	36	20	21.94	21.93	21.92		
15	QPSK	36	39	22.04	21.95	22.06		
15	QPSK	75	0	22.01	22.06	22.07		
15	16QAM	1	0	22.01	21.92	21.96	23	1
15	16QAM	1	37	21.86	21.95	21.95		
15	16QAM	1	74	21.95	22.00	22.09		
15	16QAM	36	0	20.87	20.95	20.88	22	2
15	16QAM	36	20	21.04	20.95	20.94		
15	16QAM	36	39	21.06	21.02	20.95		
15	16QAM	75	0	20.95	20.95	20.92		
15	64QAM	1	0	20.99	21.02	21.06	22	2
15	64QAM	1	37	21.04	20.95	21.00		
15	64QAM	1	74	20.98	20.85	20.87		
15	64QAM	36	0	19.86	19.94	19.95	21	3
15	64QAM	36	20	19.89	19.95	19.88		
15	64QAM	36	39	19.92	19.90	19.95		
15	64QAM	75	0	19.92	19.98	19.94		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.01	23.05	23.02	24	0
10	QPSK	1	25	23.10	23.09	23.15		
10	QPSK	1	49	23.12	23.11	23.18		
10	QPSK	25	0	22.11	22.02	22.00	23	1
10	QPSK	25	12	21.99	21.93	21.89		
10	QPSK	25	25	21.95	22.08	22.01		
10	QPSK	50	0	22.04	22.00	22.07		
10	16QAM	1	0	21.97	21.90	21.98	23	1
10	16QAM	1	25	21.93	21.93	21.92		
10	16QAM	1	49	21.99	22.05	22.01		
10	16QAM	25	0	20.84	20.95	20.98	22	2
10	16QAM	25	12	21.03	21.03	20.93		
10	16QAM	25	25	21.00	20.98	21.00		
10	16QAM	50	0	20.89	20.94	20.95		
10	64QAM	1	0	20.97	21.00	21.05	22	2
10	64QAM	1	25	20.97	20.97	21.07		
10	64QAM	1	49	20.84	20.95	20.92		
10	64QAM	25	0	19.99	19.99	19.94	21	3
10	64QAM	25	12	19.90	19.97	19.93		
10	64QAM	25	25	19.90	19.93	19.92		
10	64QAM	50	0	19.90	19.88	20.00		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.09	22.99	22.96	24	0
5	QPSK	1	12	23.13	23.13	23.20		
5	QPSK	1	24	23.21	23.16	23.08		
5	QPSK	12	0	21.98	21.98	21.98	23	1
5	QPSK	12	7	21.89	21.91	22.00		
5	QPSK	12	13	21.98	22.08	22.01		
5	QPSK	25	0	22.04	22.02	22.01		
5	16QAM	1	0	22.02	21.91	21.94	23	1
5	16QAM	1	12	21.93	21.85	21.96		
5	16QAM	1	24	22.08	22.08	21.97		
5	16QAM	12	0	20.88	20.97	20.95	22	2
5	16QAM	12	7	20.92	21.02	20.96		
5	16QAM	12	13	20.98	21.06	20.96		
5	16QAM	25	0	20.93	20.96	20.95		
5	64QAM	1	0	21.07	21.03	21.03	22	2
5	64QAM	1	12	21.03	21.07	21.01		
5	64QAM	1	24	20.85	20.88	20.89		
5	64QAM	12	0	19.98	19.94	19.85	21	3
5	64QAM	12	7	19.86	19.96	19.93		
5	64QAM	12	13	19.96	19.97	19.87		
5	64QAM	25	0	19.96	19.96	19.94		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.01	23.10	22.98	24	0
3	QPSK	1	8	23.19	23.14	23.10		
3	QPSK	1	14	23.20	23.15	23.20		
3	QPSK	8	0	22.02	22.00	22.05	23	1
3	QPSK	8	4	21.93	21.96	21.92		
3	QPSK	8	7	21.95	22.01	21.99		
3	QPSK	15	0	21.99	22.06	22.05		
3	16QAM	1	0	21.96	21.97	21.94	23	1
3	16QAM	1	8	21.91	21.91	21.86		
3	16QAM	1	14	22.04	22.08	21.96		
3	16QAM	8	0	20.87	20.97	20.89	22	2
3	16QAM	8	4	20.95	20.94	21.04		
3	16QAM	8	7	21.02	21.04	20.97		
3	16QAM	15	0	20.89	20.93	21.03		
3	64QAM	1	0	21.06	21.04	21.09	22	2
3	64QAM	1	8	21.02	21.05	20.94		
3	64QAM	1	14	20.86	20.92	20.88		
3	64QAM	8	0	19.92	19.99	19.98	21	3
3	64QAM	8	4	19.98	19.95	19.95		
3	64QAM	8	7	19.87	19.92	19.84		
3	64QAM	15	0	19.91	19.90	19.98		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.92	22.95	23.02	24	0
1.4	QPSK	1	3	22.83	23.12	23.06		
1.4	QPSK	1	5	22.94	22.94	22.90		
1.4	QPSK	3	0	22.95	23.05	23.02		
1.4	QPSK	3	1	22.96	23.13	22.99		
1.4	QPSK	3	3	23.00	23.01	22.95		
1.4	QPSK	6	0	21.87	21.98	21.89	23	1
1.4	16QAM	1	0	22.25	22.43	22.46	23	1
1.4	16QAM	1	3	22.09	21.91	22.17		
1.4	16QAM	1	5	21.90	22.41	22.07		
1.4	16QAM	3	0	21.96	22.00	21.91		
1.4	16QAM	3	1	22.00	22.07	22.04		
1.4	16QAM	3	3	21.83	22.04	21.89		
1.4	16QAM	6	0	20.87	20.95	20.86	22	2
1.4	64QAM	1	0	21.12	21.26	21.22	22	2
1.4	64QAM	1	3	20.58	21.03	20.99		
1.4	64QAM	1	5	21.23	21.10	20.88		
1.4	64QAM	3	0	20.84	21.06	21.07		
1.4	64QAM	3	1	20.61	21.25	20.98		
1.4	64QAM	3	3	20.97	20.98	20.98		
1.4	64QAM	6	0	19.93	19.91	19.78	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	21.13	21.20	21.21	23	0
20	QPSK	1	49	21.22	21.38	21.29		
20	QPSK	1	99	21.08	21.07	21.06		
20	QPSK	50	0	20.28	20.36	20.33	22	1
20	QPSK	50	24	20.26	20.28	20.31		
20	QPSK	50	50	20.18	20.19	20.23		
20	QPSK	100	0	20.22	20.24	20.21		
20	16QAM	1	0	20.37	20.48	20.38	22	1
20	16QAM	1	49	20.31	20.80	20.28		
20	16QAM	1	99	20.62	20.57	20.24		
20	16QAM	50	0	19.16	19.22	19.30	21	2
20	16QAM	50	24	19.28	19.34	19.21		
20	16QAM	50	50	19.20	19.24	19.24		
20	16QAM	100	0	19.19	19.26	19.19		
20	64QAM	1	0	19.03	19.26	19.44	21	2
20	64QAM	1	49	19.27	19.33	19.39		
20	64QAM	1	99	19.34	19.43	19.38		
20	64QAM	50	0	18.17	18.30	18.31	20	3
20	64QAM	50	24	18.15	18.35	18.27		
20	64QAM	50	50	18.18	18.16	18.09		
20	64QAM	100	0	18.20	18.18	18.14		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.22	21.17	21.24	23	0
15	QPSK	1	37	21.14	21.27	21.20		
15	QPSK	1	74	21.09	21.07	21.12		
15	QPSK	36	0	20.29	20.27	20.31	22	1
15	QPSK	36	20	20.17	20.34	20.25		
15	QPSK	36	39	20.23	20.23	20.29		
15	QPSK	75	0	20.22	20.26	20.22		
15	16QAM	1	0	20.42	20.57	20.39	22	1
15	16QAM	1	37	20.26	20.74	20.35		
15	16QAM	1	74	20.62	20.53	20.30		
15	16QAM	36	0	19.25	19.16	19.30	21	2
15	16QAM	36	20	19.28	19.35	19.29		
15	16QAM	36	39	19.20	19.32	19.32		
15	16QAM	75	0	19.22	19.27	19.25		
15	64QAM	1	0	19.02	19.19	19.34	21	2
15	64QAM	1	37	19.34	19.34	19.44		
15	64QAM	1	74	19.39	19.53	19.48		
15	64QAM	36	0	18.24	18.24	18.27	20	3
15	64QAM	36	20	18.22	18.38	18.30		
15	64QAM	36	39	18.09	18.13	18.13		
15	64QAM	75	0	18.28	18.20	18.06		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.22	21.14	21.21	23	0
10	QPSK	1	25	21.16	21.28	21.20		
10	QPSK	1	49	21.01	21.08	21.14		
10	QPSK	25	0	20.20	20.35	20.34	22	1
10	QPSK	25	12	20.30	20.35	20.22		
10	QPSK	25	25	20.28	20.09	20.33		
10	QPSK	50	0	20.30	20.29	20.19		
10	16QAM	1	0	20.43	20.58	20.31	22	1
10	16QAM	1	25	20.36	20.78	20.20		
10	16QAM	1	49	20.67	20.63	20.28		
10	16QAM	25	0	19.24	19.20	19.40	21	2
10	16QAM	25	12	19.37	19.41	19.19		
10	16QAM	25	25	19.19	19.25	19.23		
10	16QAM	50	0	19.17	19.18	19.11		
10	64QAM	1	0	19.01	19.34	19.47	21	2
10	64QAM	1	25	19.23	19.40	19.47		
10	64QAM	1	49	19.37	19.49	19.37		
10	64QAM	25	0	18.22	18.40	18.39	20	3
10	64QAM	25	12	18.09	18.39	18.18		
10	64QAM	25	25	18.19	18.10	18.13		
10	64QAM	50	0	18.10	18.25	18.23		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.12	21.13	21.12	23	0
5	QPSK	1	12	21.26	21.32	21.25		
5	QPSK	1	24	21.03	21.00	21.08		
5	QPSK	12	0	20.35	20.35	20.32	22	1
5	QPSK	12	7	20.19	20.35	20.40		
5	QPSK	12	13	20.16	20.21	20.16		
5	QPSK	25	0	20.31	20.23	20.12		
5	16QAM	1	0	20.38	20.42	20.29	22	1
5	16QAM	1	12	20.41	20.88	20.28		
5	16QAM	1	24	20.61	20.56	20.25		
5	16QAM	12	0	19.26	19.29	19.25	21	2
5	16QAM	12	7	19.19	19.44	19.17		
5	16QAM	12	13	19.23	19.33	19.31		
5	16QAM	25	0	19.25	19.34	19.19		
5	64QAM	1	0	19.08	19.24	19.41	21	2
5	64QAM	1	12	19.17	19.41	19.40		
5	64QAM	1	24	19.25	19.40	19.30		
5	64QAM	12	0	18.08	18.32	18.36	20	3
5	64QAM	12	7	18.14	18.38	18.28		
5	64QAM	12	13	18.09	18.07	18.14		
5	64QAM	25	0	18.22	18.25	18.08		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.05	21.13	21.11	23	0
3	QPSK	1	8	21.12	21.23	21.35		
3	QPSK	1	14	21.03	21.00	21.02		
3	QPSK	8	0	20.38	20.44	20.24	22	1
3	QPSK	8	4	20.23	20.23	20.25		
3	QPSK	8	7	20.09	20.14	20.29		
3	QPSK	15	0	20.22	20.25	20.11		
3	16QAM	1	0	20.34	20.43	20.35	22	1
3	16QAM	1	8	20.32	20.76	20.22		
3	16QAM	1	14	20.63	20.57	20.18		
3	16QAM	8	0	19.19	19.30	19.30	21	2
3	16QAM	8	4	19.24	19.43	19.13		
3	16QAM	8	7	19.13	19.27	19.23		
3	16QAM	15	0	19.26	19.29	19.15		
3	64QAM	1	0	19.04	19.22	19.37	21	2
3	64QAM	1	8	19.29	19.43	19.43		
3	64QAM	1	14	19.26	19.52	19.32		
3	64QAM	8	0	18.13	18.24	18.41	20	3
3	64QAM	8	4	18.16	18.41	18.25		
3	64QAM	8	7	18.18	18.20	18.06		
3	64QAM	15	0	18.10	18.24	18.11		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.16	21.36	21.24	23	0
1.4	QPSK	1	3	21.26	21.35	21.22		
1.4	QPSK	1	5	21.16	21.32	21.32		
1.4	QPSK	3	0	21.21	21.29	21.23		
1.4	QPSK	3	1	21.12	21.32	21.18		
1.4	QPSK	3	3	21.21	21.33	21.24		
1.4	QPSK	6	0	20.19	20.32	20.21	22	1
1.4	16QAM	1	0	20.71	20.51	20.41	22	1
1.4	16QAM	1	3	20.79	20.80	20.80		
1.4	16QAM	1	5	20.43	20.82	20.78		
1.4	16QAM	3	0	20.22	20.19	20.23		
1.4	16QAM	3	1	20.06	20.26	20.13		
1.4	16QAM	3	3	20.12	20.25	20.25		
1.4	16QAM	6	0	19.25	19.41	19.23	21	2
1.4	64QAM	1	0	19.22	19.06	19.48	21	2
1.4	64QAM	1	3	19.38	19.60	19.43		
1.4	64QAM	1	5	19.28	19.40	19.41		
1.4	64QAM	3	0	19.37	19.34	19.31		
1.4	64QAM	3	1	19.39	19.38	19.38		
1.4	64QAM	3	3	19.26	19.06	19.35		
1.4	64QAM	6	0	18.03	18.24	18.27	20	3

Band 38_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.42	22.46	22.52	24	0
20	QPSK	1	49	22.62	22.69	22.67		
20	QPSK	1	99	22.61	22.60	22.58		
20	QPSK	50	0	21.80	21.86	21.79	23	1
20	QPSK	50	24	21.78	21.76	21.72		
20	QPSK	50	50	21.76	21.78	21.78		
20	QPSK	100	0	21.78	21.83	21.75		
20	16QAM	1	0	21.66	21.74	21.84	23	1
20	16QAM	1	49	21.91	21.94	21.99		
20	16QAM	1	99	21.90	21.87	21.88		
20	16QAM	50	0	20.75	20.74	20.78	22	2
20	16QAM	50	24	20.85	20.82	20.83		
20	16QAM	50	50	20.80	20.81	20.82		
20	16QAM	100	0	20.76	20.71	20.77		
20	64QAM	1	0	20.38	20.40	20.44	22	2
20	64QAM	1	49	20.58	20.53	20.61		
20	64QAM	1	99	20.52	20.53	20.53		
20	64QAM	50	0	19.75	19.71	19.78	21	3
20	64QAM	50	24	19.81	19.80	19.80		
20	64QAM	50	50	19.75	19.77	19.77		
20	64QAM	100	0	19.72	19.71	19.79		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.48	22.44	22.52	24	0
15	QPSK	1	37	22.48	22.56	22.64		
15	QPSK	1	74	22.52	22.48	22.64		
15	QPSK	36	0	21.85	21.83	21.83	23	1
15	QPSK	36	20	21.76	21.70	21.64		
15	QPSK	36	39	21.79	21.71	21.79		
15	QPSK	75	0	21.71	21.80	21.80		
15	16QAM	1	0	21.61	21.65	21.93	23	1
15	16QAM	1	37	21.93	21.94	21.89		
15	16QAM	1	74	21.85	21.94	21.96		
15	16QAM	36	0	20.73	20.72	20.80	22	2
15	16QAM	36	20	20.81	20.85	20.93		
15	16QAM	36	39	20.87	20.71	20.86		
15	16QAM	75	0	20.78	20.81	20.67		
15	64QAM	1	0	20.36	20.41	20.43	22	2
15	64QAM	1	37	20.63	20.61	20.68		
15	64QAM	1	74	20.55	20.51	20.48		
15	64QAM	36	0	19.75	19.66	19.69	21	3
15	64QAM	36	20	19.87	19.81	19.71		
15	64QAM	36	39	19.84	19.67	19.68		
15	64QAM	75	0	19.68	19.73	19.83		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.35	22.56	22.61	24	0
10	QPSK	1	25	22.48	22.55	22.63		
10	QPSK	1	49	22.44	22.53	22.66		
10	QPSK	25	0	21.75	21.93	21.88	23	1
10	QPSK	25	12	21.69	21.83	21.79		
10	QPSK	25	25	21.70	21.72	21.68		
10	QPSK	50	0	21.86	21.75	21.71		
10	16QAM	1	0	21.71	21.67	21.84	23	1
10	16QAM	1	25	21.89	22.02	22.08		
10	16QAM	1	49	21.90	21.89	21.94		
10	16QAM	25	0	20.83	20.66	20.74	22	2
10	16QAM	25	12	20.90	20.80	20.81		
10	16QAM	25	25	20.73	20.91	20.89		
10	16QAM	50	0	20.74	20.65	20.78		
10	64QAM	1	0	20.30	20.31	20.47	22	2
10	64QAM	1	25	20.61	20.61	20.59		
10	64QAM	1	49	20.58	20.46	20.50		
10	64QAM	25	0	19.74	19.61	19.75	21	3
10	64QAM	25	12	19.83	19.80	19.73		
10	64QAM	25	25	19.81	19.77	19.73		
10	64QAM	50	0	19.64	19.67	19.87		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.35	22.41	22.46	24	0
5	QPSK	1	12	22.60	22.55	22.64		
5	QPSK	1	24	22.55	22.47	22.67		
5	QPSK	12	0	21.74	21.76	21.73	23	1
5	QPSK	12	7	21.83	21.78	21.63		
5	QPSK	12	13	21.83	21.75	21.70		
5	QPSK	25	0	21.70	21.74	21.78		
5	16QAM	1	0	21.62	21.83	21.75	23	1
5	16QAM	1	12	21.99	21.98	22.02		
5	16QAM	1	24	21.90	21.93	21.96		
5	16QAM	12	0	20.76	20.76	20.87	22	2
5	16QAM	12	7	20.91	20.87	20.87		
5	16QAM	12	13	20.79	20.76	20.86		
5	16QAM	25	0	20.71	20.66	20.72		
5	64QAM	1	0	20.43	20.42	20.34	22	2
5	64QAM	1	12	20.65	20.51	20.62		
5	64QAM	1	24	20.51	20.46	20.49		
5	64QAM	12	0	19.68	19.65	19.79	21	3
5	64QAM	12	7	19.71	19.77	19.89		
5	64QAM	12	13	19.81	19.85	19.79		
5	64QAM	25	0	19.68	19.72	19.71		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.84	22.89	22.98	24	0
20	QPSK	1	49	23.07	23.15	23.10		
20	QPSK	1	99	23.05	23.02	23.06		
20	QPSK	50	0	22.26	22.33	22.22	23	1
20	QPSK	50	24	22.24	22.19	22.13		
20	QPSK	50	50	22.23	22.21	22.21		
20	QPSK	100	0	22.23	22.24	22.19		
20	16QAM	1	0	22.08	22.14	22.28	23	1
20	16QAM	1	49	22.39	22.37	22.41		
20	16QAM	1	99	22.31	22.28	22.32		
20	16QAM	50	0	21.14	21.20	21.19	22	2
20	16QAM	50	24	21.24	21.21	21.27		
20	16QAM	50	50	21.25	21.25	21.27		
20	16QAM	100	0	21.22	21.15	21.16		
20	64QAM	1	0	20.80	20.79	20.88	22	2
20	64QAM	1	49	20.99	20.91	21.03		
20	64QAM	1	99	20.91	20.96	20.97		
20	64QAM	50	0	20.14	20.10	20.19	21	3
20	64QAM	50	24	20.24	20.22	20.18		
20	64QAM	50	50	20.16	20.20	20.19		
20	64QAM	100	0	20.14	20.15	20.18		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.88	22.83	22.95	24	0
15	QPSK	1	37	22.78	22.98	22.92		
15	QPSK	1	74	22.88	22.99	22.97		
15	QPSK	36	0	22.36	22.28	22.15	23	1
15	QPSK	36	20	22.25	22.14	22.19		
15	QPSK	36	39	22.22	22.31	22.27		
15	QPSK	75	0	22.18	22.34	22.27		
15	16QAM	1	0	22.02	22.14	22.35	23	1
15	16QAM	1	37	22.46	22.39	22.37		
15	16QAM	1	74	22.26	22.28	22.34		
15	16QAM	36	0	21.17	21.16	21.11	22	2
15	16QAM	36	20	21.33	21.11	21.34		
15	16QAM	36	39	21.16	21.15	21.35		
15	16QAM	75	0	21.18	21.10	21.20		
15	64QAM	1	0	20.83	20.82	20.94	22	2
15	64QAM	1	37	21.05	20.84	21.00		
15	64QAM	1	74	20.94	20.86	20.94		
15	64QAM	36	0	20.09	20.05	20.25	21	3
15	64QAM	36	20	20.16	20.22	20.10		
15	64QAM	36	39	20.20	20.15	20.17		
15	64QAM	75	0	20.20	20.09	20.15		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.94	22.97	23.08	24	0
10	QPSK	1	25	22.88	22.98	23.01		
10	QPSK	1	49	22.90	22.93	23.00		
10	QPSK	25	0	22.17	22.39	22.28	23	1
10	QPSK	25	12	22.28	22.29	22.05		
10	QPSK	25	25	22.18	22.31	22.29		
10	QPSK	50	0	22.16	22.26	22.17		
10	16QAM	1	0	22.17	22.07	22.32	23	1
10	16QAM	1	25	22.36	22.40	22.42		
10	16QAM	1	49	22.24	22.37	22.23		
10	16QAM	25	0	21.10	21.30	21.11	22	2
10	16QAM	25	12	21.16	21.30	21.26		
10	16QAM	25	25	21.28	21.20	21.25		
10	16QAM	50	0	21.25	21.11	21.08		
10	64QAM	1	0	20.82	20.79	20.89	22	2
10	64QAM	1	25	20.90	20.86	20.95		
10	64QAM	1	49	20.87	21.03	21.05		
10	64QAM	25	0	20.19	20.05	20.16	21	3
10	64QAM	25	12	20.30	20.32	20.14		
10	64QAM	25	25	20.14	20.22	20.24		
10	64QAM	50	0	20.14	20.21	20.14		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.80	22.85	22.90	24	0
5	QPSK	1	12	22.81	22.90	23.09		
5	QPSK	1	24	22.91	22.87	23.14		
5	QPSK	12	0	22.32	22.25	22.15	23	1
5	QPSK	12	7	22.34	22.09	22.23		
5	QPSK	12	13	22.18	22.28	22.30		
5	QPSK	25	0	22.13	22.17	22.14		
5	16QAM	1	0	22.11	22.18	22.32	23	1
5	16QAM	1	12	22.49	22.39	22.35		
5	16QAM	1	24	22.21	22.30	22.26		
5	16QAM	12	0	21.15	21.16	21.16	22	2
5	16QAM	12	7	21.28	21.29	21.30		
5	16QAM	12	13	21.31	21.33	21.30		
5	16QAM	25	0	21.19	21.10	21.24		
5	64QAM	1	0	20.77	20.75	20.88	22	2
5	64QAM	1	12	21.04	20.87	21.05		
5	64QAM	1	24	20.96	20.87	21.03		
5	64QAM	12	0	20.24	20.18	20.11	21	3
5	64QAM	12	7	20.29	20.18	20.19		
5	64QAM	12	13	20.08	20.23	20.24		
5	64QAM	25	0	20.22	20.22	20.23		

Band 41_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.35	22.35	22.42	22.47	22.48	24	0
20	QPSK	1	49	22.45	22.61	22.74	22.64	22.70		
20	QPSK	1	99	22.37	22.50	22.57	22.52	22.63		
20	QPSK	50	0	21.50	21.56	21.88	21.82	21.86	23	1
20	QPSK	50	24	21.39	21.54	21.76	21.79	21.83		
20	QPSK	50	50	21.48	21.53	21.78	21.73	21.85		
20	QPSK	100	0	21.44	21.56	21.87	21.77	21.85		
20	16QAM	1	0	21.42	21.43	21.71	21.75	21.70	23	1
20	16QAM	1	49	21.50	21.60	21.92	21.88	21.88		
20	16QAM	1	99	21.43	21.63	21.79	21.78	21.80		
20	16QAM	50	0	20.61	20.73	20.80	20.80	20.81	22	2
20	16QAM	50	24	20.67	20.74	20.81	20.80	20.84		
20	16QAM	50	50	20.65	20.71	20.83	20.76	20.86		
20	16QAM	100	0	20.62	20.72	20.80	20.80	20.87		
20	64QAM	1	0	20.28	20.29	20.38	20.40	20.43	22	2
20	64QAM	1	49	20.39	20.44	20.60	20.50	20.58		
20	64QAM	1	99	20.29	20.41	20.51	20.44	20.48		
20	64QAM	50	0	19.58	19.72	19.74	19.77	19.74	21	3
20	64QAM	50	24	19.56	19.74	19.77	19.77	19.78		
20	64QAM	50	50	19.62	19.70	19.77	19.72	19.80		
20	64QAM	100	0	19.59	19.63	19.77	19.75	19.79		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.32	22.32	22.32	22.43	22.38	24	0
15	QPSK	1	37	22.35	22.45	22.73	22.54	22.63		
15	QPSK	1	74	22.43	22.32	22.55	22.48	22.58		
15	QPSK	36	0	21.51	21.65	21.95	21.85	21.79	23	1
15	QPSK	36	20	21.47	21.45	21.73	21.86	21.92		
15	QPSK	36	39	21.57	21.50	21.78	21.71	21.92		
15	QPSK	75	0	21.46	21.66	21.97	21.67	21.77		
15	16QAM	1	0	21.42	21.36	21.76	21.83	21.64	23	1
15	16QAM	1	37	21.51	21.66	21.98	21.97	21.85		
15	16QAM	1	74	21.46	21.73	21.80	21.74	21.74		
15	16QAM	36	0	20.53	20.69	20.73	20.71	20.80	22	2
15	16QAM	36	20	20.71	20.80	20.89	20.84	20.75		
15	16QAM	36	39	20.59	20.74	20.83	20.79	20.94		
15	16QAM	75	0	20.72	20.72	20.72	20.77	20.83		
15	64QAM	1	0	20.30	20.38	20.44	20.33	20.35	22	2
15	64QAM	1	37	20.34	20.38	20.65	20.53	20.52		
15	64QAM	1	74	20.38	20.46	20.44	20.35	20.51		
15	64QAM	36	0	19.57	19.68	19.74	19.67	19.77	21	3
15	64QAM	36	20	19.49	19.83	19.76	19.71	19.83		
15	64QAM	36	39	19.60	19.63	19.87	19.65	19.70		
15	64QAM	75	0	19.58	19.67	19.67	19.74	19.70		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.44	22.32	22.48	22.39	22.54	24	0
10	QPSK	1	25	22.40	22.39	22.73	22.57	22.72		
10	QPSK	1	49	22.43	22.40	22.58	22.50	22.55		
10	QPSK	25	0	21.53	21.53	21.95	21.78	21.76	23	1
10	QPSK	25	12	21.47	21.50	21.67	21.78	21.74		
10	QPSK	25	25	21.42	21.59	21.84	21.74	21.85		
10	QPSK	50	0	21.53	21.62	21.85	21.80	21.95		
10	16QAM	1	0	21.36	21.40	21.64	21.84	21.80	23	1
10	16QAM	1	25	21.44	21.50	21.92	21.92	21.80		
10	16QAM	1	49	21.51	21.61	21.75	21.77	21.89		
10	16QAM	25	0	20.71	20.83	20.70	20.75	20.83	22	2
10	16QAM	25	12	20.58	20.82	20.84	20.78	20.93		
10	16QAM	25	25	20.62	20.63	20.82	20.84	20.88		
10	16QAM	50	0	20.65	20.80	20.77	20.79	20.84		
10	64QAM	1	0	20.28	20.23	20.31	20.43	20.46	22	2
10	64QAM	1	25	20.47	20.38	20.55	20.49	20.58		
10	64QAM	1	49	20.37	20.46	20.54	20.38	20.38		
10	64QAM	25	0	19.68	19.82	19.71	19.82	19.80	21	3
10	64QAM	25	12	19.57	19.83	19.69	19.78	19.84		
10	64QAM	25	25	19.52	19.64	19.71	19.72	19.70		
10	64QAM	50	0	19.66	19.56	19.81	19.76	19.81		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.25	22.38	22.46	22.50	22.48	24	0
5	QPSK	1	12	22.41	22.31	22.64	22.58	22.63		
5	QPSK	1	24	22.30	22.39	22.53	22.43	22.68		
5	QPSK	12	0	21.58	21.61	21.92	21.76	21.94	23	1
5	QPSK	12	7	21.49	21.53	21.84	21.89	21.92		
5	QPSK	12	13	21.56	21.49	21.84	21.63	21.94		
5	QPSK	25	0	21.45	21.56	21.97	21.79	21.79		
5	16QAM	1	0	21.51	21.34	21.75	21.76	21.80	23	1
5	16QAM	1	12	21.42	21.55	21.83	21.82	21.86		
5	16QAM	1	24	21.53	21.60	21.69	21.84	21.71		
5	16QAM	12	0	20.70	20.76	20.90	20.88	20.85	22	2
5	16QAM	12	7	20.60	20.80	20.73	20.88	20.94		
5	16QAM	12	13	20.68	20.69	20.77	20.81	20.85		
5	16QAM	25	0	20.61	20.66	20.72	20.80	20.83		
5	64QAM	1	0	20.18	20.26	20.35	20.44	20.36	22	2
5	64QAM	1	12	20.36	20.34	20.66	20.49	20.62		
5	64QAM	1	24	20.24	20.48	20.61	20.51	20.51		
5	64QAM	12	0	19.67	19.79	19.71	19.71	19.75	21	3
5	64QAM	12	7	19.61	19.79	19.71	19.86	19.85		
5	64QAM	12	13	19.68	19.66	19.87	19.82	19.71		
5	64QAM	25	0	19.59	19.58	19.68	19.69	19.71		

Band 41(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.89	22.90	22.97	22.99	23.02	24	0
20	QPSK	1	49	22.99	23.12	23.30	23.13	23.25		
20	QPSK	1	99	22.92	23.02	23.06	23.03	23.15		
20	QPSK	50	0	22.04	22.06	22.41	22.29	22.35	23	1
20	QPSK	50	24	21.90	22.04	22.23	22.26	22.31		
20	QPSK	50	50	22.00	22.04	22.28	22.26	22.34		
20	QPSK	100	0	21.91	22.03	22.36	22.30	22.32		
20	16QAM	1	0	21.94	21.94	22.23	22.26	22.18	23	1
20	16QAM	1	49	22.02	22.14	22.41	22.40	22.40		
20	16QAM	1	99	21.92	22.11	22.26	22.29	22.27		
20	16QAM	50	0	21.13	21.20	21.28	21.30	21.28	22	2
20	16QAM	50	24	21.18	21.23	21.31	21.27	21.34		
20	16QAM	50	50	21.16	21.19	21.32	21.28	21.37		
20	16QAM	100	0	21.09	21.18	21.29	21.25	21.37		
20	64QAM	1	0	20.74	20.77	20.85	20.85	20.92	22	2
20	64QAM	1	49	20.83	20.91	21.11	20.97	21.06		
20	64QAM	1	99	20.77	20.86	20.96	20.93	20.96		
20	64QAM	50	0	20.06	20.15	20.24	20.26	20.19	21	3
20	64QAM	50	24	20.01	20.20	20.26	20.24	20.21		
20	64QAM	50	50	20.04	20.18	20.22	20.16	20.23		
20	64QAM	100	0	20.03	20.11	20.20	20.23	20.22		
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	22.80	22.80	23.04	23.04	23.04	24	0
15	QPSK	1	37	23.00	22.96	23.24	23.19	23.18		
15	QPSK	1	74	23.01	22.84	23.15	23.09	23.21		
15	QPSK	36	0	22.00	22.00	22.45	22.19	22.45	23	1
15	QPSK	36	20	21.90	22.12	22.23	22.24	22.39		
15	QPSK	36	39	22.10	22.06	22.28	22.23	22.37		
15	QPSK	75	0	21.92	22.08	22.31	22.36	22.27		
15	16QAM	1	0	22.00	21.93	22.28	22.34	22.13	23	1
15	16QAM	1	37	22.07	22.21	22.35	22.39	22.41		
15	16QAM	1	74	22.01	22.03	22.26	22.25	22.17		
15	16QAM	36	0	21.12	21.30	21.18	21.28	21.30	22	2
15	16QAM	36	20	21.19	21.29	21.40	21.24	21.32		
15	16QAM	36	39	21.22	21.09	21.38	21.25	21.29		
15	16QAM	75	0	21.11	21.08	21.27	21.28	21.46		
15	64QAM	1	0	20.84	20.68	20.90	20.95	20.88	22	2
15	64QAM	1	37	20.92	20.93	21.15	20.90	21.12		
15	64QAM	1	74	20.86	20.82	20.94	21.02	20.94		
15	64QAM	36	0	20.16	20.22	20.18	20.26	20.24	21	3
15	64QAM	36	20	19.99	20.17	20.21	20.31	20.23		
15	64QAM	36	39	19.97	20.21	20.21	20.14	20.30		
15	64QAM	75	0	20.13	20.21	20.11	20.20	20.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.83	22.81	22.98	22.97	22.98	24	0
10	QPSK	1	25	22.91	22.94	23.22	23.20	23.21		
10	QPSK	1	49	22.94	22.92	23.16	22.93	23.12		
10	QPSK	25	0	22.14	21.99	22.35	22.29	22.44	23	1
10	QPSK	25	12	21.85	21.98	22.17	22.35	22.28		
10	QPSK	25	25	22.06	21.96	22.38	22.19	22.24		
10	QPSK	50	0	21.82	22.10	22.39	22.33	22.23		
10	16QAM	1	0	21.84	21.85	22.26	22.22	22.13	23	1
10	16QAM	1	25	21.92	22.10	22.45	22.32	22.39		
10	16QAM	1	49	21.89	22.19	22.31	22.26	22.26		
10	16QAM	25	0	21.18	21.28	21.30	21.34	21.22	22	2
10	16QAM	25	12	21.21	21.30	21.31	21.35	21.35		
10	16QAM	25	25	21.23	21.10	21.35	21.25	21.40		
10	16QAM	50	0	21.17	21.17	21.21	21.32	21.41		
10	64QAM	1	0	20.67	20.78	20.77	20.79	20.87	22	2
10	64QAM	1	25	20.93	20.84	21.10	20.89	21.10		
10	64QAM	1	49	20.72	20.96	20.99	20.93	20.97		
10	64QAM	25	0	20.10	20.08	20.15	20.31	20.29	21	3
10	64QAM	25	12	20.00	20.24	20.27	20.18	20.12		
10	64QAM	25	25	20.00	20.13	20.22	20.09	20.15		
10	64QAM	50	0	20.00	20.08	20.30	20.21	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	22.85	22.88	22.96	23.06	22.93	24	0
5	QPSK	1	12	22.91	22.82	23.24	23.23	23.27		
5	QPSK	1	24	22.86	22.96	23.09	23.12	23.11		
5	QPSK	12	0	22.03	22.16	22.33	22.26	22.30	23	1
5	QPSK	12	7	21.99	22.14	22.21	22.28	22.37		
5	QPSK	12	13	21.93	21.97	22.23	22.33	22.28		
5	QPSK	25	0	21.86	22.02	22.34	22.25	22.40		
5	16QAM	1	0	22.03	21.86	22.17	22.24	22.24	23	1
5	16QAM	1	12	21.99	22.07	22.51	22.37	22.36		
5	16QAM	1	24	21.96	22.19	22.34	22.36	22.36		
5	16QAM	12	0	21.21	21.11	21.26	21.33	21.26	22	2
5	16QAM	12	7	21.22	21.18	21.27	21.25	21.39		
5	16QAM	12	13	21.24	21.24	21.23	21.37	21.36		
5	16QAM	25	0	21.02	21.09	21.38	21.32	21.31		
5	64QAM	1	0	20.72	20.80	20.80	20.82	20.93	22	2
5	64QAM	1	12	20.78	20.92	21.01	20.93	21.08		
5	64QAM	1	24	20.70	20.92	20.98	20.89	20.96		
5	64QAM	12	0	19.97	20.05	20.22	20.19	20.13	21	3
5	64QAM	12	7	19.92	20.27	20.25	20.31	20.21		
5	64QAM	12	13	20.03	20.21	20.15	20.17	20.22		
5	64QAM	25	0	20.09	20.15	20.26	20.30	20.19		

Part 27Q_Band 42_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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.90	23.04	22.84	24	0
20	QPSK	1	49	23.08	23.07	22.94		
20	QPSK	1	99	22.78	22.85	22.68		
20	QPSK	50	0	22.16	22.15	21.95	23	1
20	QPSK	50	24	22.00	22.08	21.91		
20	QPSK	50	50	21.99	21.95	21.90		
20	QPSK	100	0	22.06	22.05	21.94		
20	16QAM	1	0	21.98	22.04	21.89	23	1
20	16QAM	1	49	22.06	22.05	21.94		
20	16QAM	1	99	21.83	21.88	21.72		
20	16QAM	50	0	20.99	21.14	20.97	22	2
20	16QAM	50	24	21.06	21.01	20.93		
20	16QAM	50	50	20.93	21.00	20.88		
20	16QAM	100	0	20.98	21.03	20.86		
20	64QAM	1	0	20.67	20.78	20.60	22	2
20	64QAM	1	49	20.80	20.76	20.69		
20	64QAM	1	99	20.51	20.60	20.43		
20	64QAM	50	0	20.00	20.07	19.91	21	3
20	64QAM	50	24	19.95	20.04	19.92		
20	64QAM	50	50	19.94	19.99	19.79		
20	64QAM	100	0	19.93	20.00	19.89		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.96	22.97	22.86	24	0
15	QPSK	1	37	23.06	23.05	22.88		
15	QPSK	1	74	22.76	22.82	22.66		
15	QPSK	36	0	21.95	22.07	21.88	23	1
15	QPSK	36	20	21.92	22.05	21.91		
15	QPSK	36	39	21.93	21.95	21.96		
15	QPSK	75	0	22.04	22.04	21.86		
15	16QAM	1	0	22.05	22.01	21.88	23	1
15	16QAM	1	37	22.13	22.08	21.95		
15	16QAM	1	74	21.93	21.87	21.71		
15	16QAM	36	0	21.05	21.10	21.01	22	2
15	16QAM	36	20	21.11	20.96	20.83		
15	16QAM	36	39	20.92	20.97	20.85		
15	16QAM	75	0	20.97	21.09	20.78		
15	64QAM	1	0	20.73	20.84	20.51	22	2
15	64QAM	1	37	20.90	20.71	20.70		
15	64QAM	1	74	20.59	20.63	20.42		
15	64QAM	36	0	19.95	20.16	19.83	21	3
15	64QAM	36	20	19.97	20.00	19.96		
15	64QAM	36	39	19.88	19.99	19.76		
15	64QAM	75	0	19.89	20.04	19.88		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.82	22.96	22.77	24	0
10	QPSK	1	25	22.98	23.01	22.96		
10	QPSK	1	49	22.68	22.85	22.60		
10	QPSK	25	0	21.99	22.09	21.88	23	1
10	QPSK	25	12	22.05	22.06	21.96		
10	QPSK	25	25	21.90	21.99	21.86		
10	QPSK	50	0	22.00	22.03	21.89		
10	16QAM	1	0	21.98	21.94	21.86	23	1
10	16QAM	1	25	22.05	22.01	21.89		
10	16QAM	1	49	21.76	21.95	21.65		
10	16QAM	25	0	20.90	21.16	21.06	22	2
10	16QAM	25	12	20.99	21.00	20.86		
10	16QAM	25	25	20.97	21.10	20.80		
10	16QAM	50	0	20.88	21.13	20.80		
10	64QAM	1	0	20.63	20.83	20.57	22	2
10	64QAM	1	25	20.77	20.79	20.62		
10	64QAM	1	49	20.41	20.68	20.44		
10	64QAM	25	0	20.06	20.00	19.87	21	3
10	64QAM	25	12	19.95	19.98	19.89		
10	64QAM	25	25	19.92	19.95	19.87		
10	64QAM	50	0	19.86	19.93	19.98		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.00	23.02	22.89	24	0
5	QPSK	1	12	23.03	22.97	22.88		
5	QPSK	1	24	22.87	22.79	22.73		
5	QPSK	12	0	22.04	22.05	21.99	23	1
5	QPSK	12	7	21.92	22.11	21.95		
5	QPSK	12	13	21.94	21.95	21.92		
5	QPSK	25	0	21.92	22.00	21.97		
5	16QAM	1	0	22.01	22.01	21.80	23	1
5	16QAM	1	12	22.12	21.99	21.93		
5	16QAM	1	24	21.78	21.92	21.78		
5	16QAM	12	0	21.06	21.24	21.05	22	2
5	16QAM	12	7	21.11	20.96	20.83		
5	16QAM	12	13	20.84	20.98	20.98		
5	16QAM	25	0	20.90	21.09	20.82		
5	64QAM	1	0	20.65	20.81	20.62	22	2
5	64QAM	1	12	20.73	20.74	20.78		
5	64QAM	1	24	20.51	20.57	20.53		
5	64QAM	12	0	19.96	20.01	19.94	21	3
5	64QAM	12	7	19.89	20.12	19.88		
5	64QAM	12	13	19.92	19.98	19.86		
5	64QAM	25	0	19.91	20.06	19.99		

Full & Default Power Mode

n2_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.51	22.52	22.48	24.0	0.0
40	PI/2 BPSK	1	108	22.30	22.44	22.29		
40	PI/2 BPSK	1	214	22.33	22.42	22.38		
40	PI/2 BPSK	108	0	22.37	22.51	22.45	23.5	0.5
40	PI/2 BPSK	108	54	22.47	22.49	22.43	24.0	0.0
40	PI/2 BPSK	108	108	22.41	22.49	22.44	23.5	0.5
40	PI/2 BPSK	216	0	22.29	22.43	22.33		
40	QPSK	1	1	22.55	22.58	22.51	24.0	0.0
40	QPSK	1	108	22.39	22.51	22.42		
40	QPSK	1	214	22.40	22.44	22.31		
40	QPSK	108	0	22.36	22.49	22.48	23.0	1.0
40	QPSK	108	54	22.43	22.53	22.49	24.0	0.0
40	QPSK	108	108	22.25	22.39	22.29	23.0	1.0
40	QPSK	216	0	22.49	22.53	22.42		
40	16QAM	1	1	21.50	21.52	21.46	23.0	1.0
40	64QAM	1	1	20.37	20.48	20.44	21.5	2.5
40	256QAM	1	1	19.18	19.23	19.19	19.5	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.50	22.48	22.50	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.49	22.41	22.43	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.42	22.53	22.50	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.53	22.41	22.48	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.54	22.42	22.40	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.54	22.42	22.40	24.0	0.0

n2(Other PA)_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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.13	22.18	22.14	24.0	0.0
40	PI/2 BPSK	1	108	22.04	22.20	22.07		
40	PI/2 BPSK	1	214	22.00	22.01	22.06		
40	PI/2 BPSK	108	0	21.98	22.15	22.14	23.5	0.5
40	PI/2 BPSK	108	54	22.13	22.09	22.04	24.0	0.0
40	PI/2 BPSK	108	108	22.08	22.12	22.10	23.5	0.5
40	PI/2 BPSK	216	0	21.93	22.12	22.03		
40	QPSK	1	1	22.17	22.25	22.15	24.0	0.0
40	QPSK	1	108	22.02	22.21	22.08		
40	QPSK	1	214	22.04	22.05	22.03		
40	QPSK	108	0	22.04	22.17	22.10	23.0	1.0
40	QPSK	108	54	22.12	22.21	22.14	24.0	0.0
40	QPSK	108	108	21.87	21.99	21.92	23.0	1.0
40	QPSK	216	0	22.17	22.20	22.02		
40	16QAM	1	1	21.20	21.17	21.14	23.0	1.0
40	64QAM	1	1	20.03	20.22	20.17	21.5	2.5
40	256QAM	1	1	18.85	18.97	18.92	19.5	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.04	22.03	22.00	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.03	22.11	22.01	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.01	22.00	22.01	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.07	22.04	22.00	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.02	22.07	22.02	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.02	22.07	22.02	24.0	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	22.41	22.43	22.34	24.0	0.0
20	PI/2 BPSK	1	53	22.44	22.45	22.31		
20	PI/2 BPSK	1	104	22.11	22.23	22.11		
20	PI/2 BPSK	50	0	22.50	22.53	22.52	23.5	0.5
20	PI/2 BPSK	50	28	22.45	22.51	22.45	24.0	0.0
20	PI/2 BPSK	50	56	22.45	22.49	22.42	23.5	0.5
20	PI/2 BPSK	100	0	22.28	22.36	22.21		
20	QPSK	1	1	22.60	22.68	22.65	24.0	0.0
20	QPSK	1	53	22.57	22.66	22.57		
20	QPSK	1	104	22.15	22.28	22.16		
20	QPSK	50	0	22.41	22.55	22.43	23.0	1.0
20	QPSK	50	28	22.50	22.64	22.62	24.0	0.0
20	QPSK	50	56	22.49	22.63	22.58	23.0	1.0
20	QPSK	100	0	22.48	22.55	22.54		
20	16QAM	1	1	21.03	22.08	21.98	23.0	1.0
20	64QAM	1	1	20.01	20.05	20.03	21.5	2.5
20	256QAM	1	1	18.30	18.43	18.38	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.55	22.43	22.46	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.54	22.53	22.41	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.55	22.54	22.35	24.0	0.0

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.16	22.21	22.17		
50	PI/2 BPSK	1	135	22.01	22.02	22.00	24.0	0.0
50	PI/2 BPSK	1	268	22.11	22.12	22.10		
50	PI/2 BPSK	135	0	22.12	22.19	22.18	23.5	0.5
50	PI/2 BPSK	135	68	22.03	22.05	22.05	24.0	0.0
50	PI/2 BPSK	135	135	21.93	22.01	21.89	23.5	0.5
50	PI/2 BPSK	270	0	21.89	21.91	21.88		
50	QPSK	1	1	22.18	22.25	22.19		
50	QPSK	1	135	22.14	22.22	22.13	24.0	0.0
50	QPSK	1	268	22.11	22.15	22.11		
50	QPSK	135	0	21.89	21.98	21.86	23.0	1.0
50	QPSK	135	68	22.04	22.06	22.03	24.0	0.0
50	QPSK	135	135	21.98	22.01	21.93	23.0	1.0
50	QPSK	270	0	21.98	22.01	21.87		
50	16QAM	1	1	21.73	21.78	21.64	23.0	1.0
50	64QAM	1	1	20.58	20.71	20.67	21.5	2.5
50	256QAM	1	1	18.57	18.58	18.44	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.08	22.24	22.10	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.09	22.12	22.08	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.08	22.10	22.14	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.17	22.15	22.15	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.16	22.11	22.13	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.11	22.18	22.07	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.12	22.10	22.08	24.0	0.0

n7(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.85	22.98	22.93		
50	PI/2 BPSK	1	135	22.94	22.96	22.93	24.0	0.0
50	PI/2 BPSK	1	268	22.91	22.92	22.86		
50	PI/2 BPSK	135	0	22.84	23.04	22.87	23.5	0.5
50	PI/2 BPSK	135	68	22.96	22.96	22.93	24.0	0.0
50	PI/2 BPSK	135	135	22.91	22.93	22.83	23.5	0.5
50	PI/2 BPSK	270	0	22.87	22.92	22.93		
50	QPSK	1	1	22.99	23.05	22.98		
50	QPSK	1	135	22.93	22.97	22.83	24.0	0.0
50	QPSK	1	268	22.94	22.91	22.85		
50	QPSK	135	0	22.71	22.95	22.84	23.0	1.0
50	QPSK	135	68	22.88	22.99	22.89	24.0	0.0
50	QPSK	135	135	22.71	22.84	22.81	23.0	1.0
50	QPSK	270	0	22.75	22.98	22.79		
50	16QAM	1	1	22.29	22.41	22.33	23.0	1.0
50	64QAM	1	1	20.86	20.88	20.84	21.5	2.5
50	256QAM	1	1	18.66	18.80	18.69	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.94	22.95	22.88	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.91	23.02	22.94	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.94	23.01	22.82	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.86	22.91	22.94	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.98	23.04	22.85	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.85	23.03	22.86	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.95	23.03	22.87	24.0	0.0

n7_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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.26	21.39	21.34		
50	PI/2 BPSK	1	135	21.07	21.03	21.02	23.0	0.0
50	PI/2 BPSK	1	268	21.12	21.25	21.15		
50	PI/2 BPSK	135	0	21.22	21.34	21.24	22.5	0.5
50	PI/2 BPSK	135	68	21.03	21.15	21.05	23.0	0.0
50	PI/2 BPSK	135	135	21.04	21.05	20.91	22.5	0.5
50	PI/2 BPSK	270	0	21.17	21.21	21.10		
50	QPSK	1	1	21.22	21.40	21.36		
50	QPSK	1	135	21.04	21.01	21.05	23.0	0.0
50	QPSK	1	268	21.05	21.07	21.02		
50	QPSK	135	0	21.11	21.21	21.16	22.0	1.0
50	QPSK	135	68	21.22	21.25	21.23	23.0	0.0
50	QPSK	135	135	20.89	21.00	20.93	22.0	1.0
50	QPSK	270	0	21.02	21.14	21.04		
50	16QAM	1	1	21.08	21.13	21.02	22.0	1.0
50	64QAM	1	1	19.79	19.85	19.80	20.5	2.5
50	256QAM	1	1	18.39	18.45	18.38	18.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	21.14	21.28	21.33	23.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.14	21.36	21.35	23.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.27	21.33	21.22	23.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	21.15	21.25	21.30	23.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.15	21.37	21.30	23.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.14	21.37	21.25	23.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.23	21.39	21.31	23.0	0.0

n26(FCC)_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	22.39	22.41	22.35	24.0	0.0
20	PI/2 BPSK	1	53	22.34	22.40	22.36		
20	PI/2 BPSK	1	104	22.35	22.42	22.37		
20	PI/2 BPSK	50	0	22.46	22.52	22.41	23.5	0.5
20	PI/2 BPSK	50	28	22.41	22.48	22.43	24.0	0.0
20	PI/2 BPSK	50	56	22.48	22.54	22.46	23.5	0.5
20	PI/2 BPSK	100	0	22.52	22.61	22.46		
20	QPSK	1	1	22.71	22.76	22.63	24.0	0.0
20	QPSK	1	53	22.41	22.49	22.34		
20	QPSK	1	104	22.20	22.34	22.19		
20	QPSK	50	0	22.34	22.36	22.33	23.0	1.0
20	QPSK	50	28	22.44	22.46	22.43	24.0	0.0
20	QPSK	50	56	22.41	22.40	22.39	23.0	1.0
20	QPSK	100	0	22.36	22.47	22.34		
20	16QAM	1	1	22.04	22.14	21.99	23.0	1.0
20	64QAM	1	1	20.92	21.05	21.03	21.5	2.5
20	256QAM	1	1	18.54	18.63	18.62	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.57	22.69	22.49	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.58	22.66	22.53	24.0	0.0
Channel				163200	166300	169200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.58	22.75	22.48	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	22.30	22.31	22.22	24.0	0.0
45	PI/2 BPSK	1	122	22.14	22.20	22.15		
45	PI/2 BPSK	1	243	22.16	22.23	22.06		
45	PI/2 BPSK	120	0	22.21	22.30	22.27	23.5	0.5
45	PI/2 BPSK	120	60	22.23	22.30	22.20	24.0	0.0
45	PI/2 BPSK	120	122	22.20	22.29	22.29	23.5	0.5
45	PI/2 BPSK	243	0	22.07	22.26	22.12		
45	QPSK	1	1	22.32	22.37	22.30	24.0	0.0
45	QPSK	1	122	22.16	22.29	22.17		
45	QPSK	1	243	22.21	22.26	22.15		
45	QPSK	120	0	22.13	22.28	22.24	23.0	1.0
45	QPSK	120	60	22.25	22.32	22.29	24.0	0.0
45	QPSK	120	122	22.08	22.21	22.11	23.0	1.0
45	QPSK	243	0	22.28	22.29	22.24		
45	16QAM	1	1	21.26	21.35	21.23	23.0	1.0
45	64QAM	1	1	20.22	20.31	20.25	21.5	2.5
45	256QAM	1	1	19.06	19.07	18.98	19.5	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.15	22.35	22.37	24.0	0.0
Channel				345550	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.14	22.30	22.31	24.0	0.0
Channel				345050	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.17	22.33	22.33	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.19	22.28	22.28	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.19	22.28	22.22	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.25	22.32	22.21	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.17	22.30	22.26	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.23	22.33	22.31	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	22.56	22.62	22.42	24.0	0.0
45	PI/2 BPSK	1	122	22.38	22.43	22.47		
45	PI/2 BPSK	1	243	22.32	22.47	22.30		
45	PI/2 BPSK	120	0	22.45	22.55	22.51	23.5	0.5
45	PI/2 BPSK	120	60	22.49	22.59	22.52	24.0	0.0
45	PI/2 BPSK	120	122	22.47	22.56	22.50	23.5	0.5
45	PI/2 BPSK	243	0	22.28	22.47	22.41		
45	QPSK	1	1	22.59	22.66	22.51	24.0	0.0
45	QPSK	1	122	22.40	22.53	22.50		
45	QPSK	1	243	22.39	22.52	22.30		
45	QPSK	120	0	22.35	22.58	22.45	23.0	1.0
45	QPSK	120	60	22.63	22.60	22.48	24.0	0.0
45	QPSK	120	122	22.26	22.45	22.28	23.0	1.0
45	QPSK	243	0	22.51	22.53	22.46		
45	16QAM	1	1	21.56	21.60	21.46	23.0	1.0
45	64QAM	1	1	20.41	20.53	20.47	21.5	2.5
45	256QAM	1	1	19.21	19.30	19.28	19.5	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.50	22.55	22.48	24.0	0.0
Channel				345550	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.36	22.41	22.38	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.48	22.50	22.38	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.49	22.41	22.46	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.45	22.43	22.47	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.48	22.45	22.46	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.41	22.47	22.39	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.49	22.40	22.49	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	21.27	21.15	21.21	23.0	0.0
45	PI/2 BPSK	1	122	21.06	21.17	21.09		
45	PI/2 BPSK	1	243	21.05	21.13	21.10		
45	PI/2 BPSK	120	0	21.16	21.22	21.20	22.5	0.5
45	PI/2 BPSK	120	60	21.17	21.19	21.19	23.0	0.0
45	PI/2 BPSK	120	122	21.20	21.24	21.14	22.5	0.5
45	PI/2 BPSK	243	0	21.06	21.13	21.03		
45	QPSK	1	1	21.26	21.32	21.26	23.0	0.0
45	QPSK	1	122	21.16	21.26	21.15		
45	QPSK	1	243	21.12	21.18	21.11		
45	QPSK	120	0	21.10	21.19	21.24	22.0	1.0
45	QPSK	120	60	21.23	21.30	21.25	23.0	0.0
45	QPSK	120	122	21.00	21.10	21.02	22.0	1.0
45	QPSK	243	0	21.23	21.26	21.18		
45	16QAM	1	1	20.34	20.32	20.24	22.0	1.0
45	64QAM	1	1	19.21	19.30	19.29	20.5	2.5
45	256QAM	1	1	18.12	18.16	18.13	18.5	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.20	21.27	21.18	23.0	0.0
Channel				345550	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.18	21.25	21.22	23.0	0.0
Channel				345050	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.22	21.17	21.22	23.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.05	21.06	21.00	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.22	21.13	21.16	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.14	21.23	21.22	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.28	21.13	21.22	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.00	20.96	20.87	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.23	22.36	22.22	24.0	0.0
40	PI/2 BPSK	1	53	22.20	22.24	22.25		
40	PI/2 BPSK	1	104	22.23	22.30	22.21		
40	PI/2 BPSK	50	0	22.30	22.43	22.41	23.5	0.5
40	PI/2 BPSK	50	28	22.38	22.40	22.34	24.0	0.0
40	PI/2 BPSK	50	56	22.24	22.26	22.20	23.5	0.5
40	PI/2 BPSK	100	0	22.29	22.31	22.21		
40	QPSK	1	1	22.30	22.45	22.38	24.0	0.0
40	QPSK	1	53	22.32	22.54	22.51		
40	QPSK	1	104	22.27	22.34	22.30		
40	QPSK	50	0	22.18	22.29	22.19	24.0	0.0
40	QPSK	50	28	22.23	22.35	22.25		
40	QPSK	50	56	22.02	22.16	22.03		
40	QPSK	100	0	22.22	22.33	22.25	23.0	1.0
40	16QAM	1	1	21.99	22.14	22.13	23.0	1.0
40	64QAM	1	1	20.19	20.29	20.25	21.5	2.5
40	256QAM	1	1	19.05	19.18	19.06	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.01	22.14	22.15	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.07	22.10	22.09	24.0	0.0
Channel				516002	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.02	22.19	22.16	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.00	22.23	22.09	24.0	0.0
Channel				514504	519000	523496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.00	22.15	22.08	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518504	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	21.05	21.07	21.05	23.0	0.0
40	PI/2 BPSK	1	53	21.13	21.16	21.19		
40	PI/2 BPSK	1	104	21.05	21.06	21.07		
40	PI/2 BPSK	50	0	20.86	21.04	21.01	22.5	0.5
40	PI/2 BPSK	50	28	21.02	21.04	21.08	23.0	0.0
40	PI/2 BPSK	50	56	21.02	21.11	20.91	22.5	0.5
40	PI/2 BPSK	100	0	20.75	20.90	20.89		
40	QPSK	1	1	21.14	21.17	21.07	23.0	0.0
40	QPSK	1	53	21.21	21.32	21.14		
40	QPSK	1	104	21.05	21.06	21.11		
40	QPSK	50	0	21.05	21.07	21.05	23.0	0.0
40	QPSK	50	28	21.14	21.15	21.11		
40	QPSK	50	56	21.07	21.04	21.06		
40	QPSK	100	0	21.06	21.21	21.12	22.0	1.0
40	16QAM	1	1	20.81	21.00	20.88	22.0	1.0
40	64QAM	1	1	20.18	20.22	20.23	20.5	2.5
40	256QAM	1	1	18.27	18.32	18.30	18.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.06	21.11	21.08	23.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	21.01	21.01	21.07	23.0	0.0
Channel				516002	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.07	21.10	21.04	23.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.03	21.05	21.05	23.0	0.0
Channel				514504	519000	523496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.06	21.03	21.08	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				509202	516598	523994		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.04	22.01	22.05	24.0	0.0
100	PI/2 BPSK	1	137	22.58	22.62	22.64		
100	PI/2 BPSK	1	271	22.04	22.05	22.10		
100	PI/2 BPSK	135	0	22.57	22.55	22.60	23.5	0.5
100	PI/2 BPSK	135	69	22.60	22.60	22.65	24.0	0.0
100	PI/2 BPSK	135	138	22.63	22.64	22.59	23.5	0.5
100	PI/2 BPSK	270	0	22.64	22.59	22.61		
100	QPSK	1	1	22.01	22.04	22.05	24.0	0.0
100	QPSK	1	137	22.57	22.67	22.64		
100	QPSK	1	271	22.06	22.03	22.06		
100	QPSK	135	0	22.53	22.50	22.46	24.0	0.0
100	QPSK	135	69	22.54	22.59	22.52		
100	QPSK	135	138	22.50	22.51	22.48		
100	QPSK	270	0	22.49	22.45	22.35	23.0	1.0
100	16QAM	1	1	21.70	21.70	21.69	23.0	1.0
100	64QAM	1	1	20.96	20.95	20.92	21.5	2.5
100	256QAM	1	1	19.10	19.15	19.18	19.5	4.5
Channel				508200	516598	524996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.53	22.59	22.51	24.0	0.0
Channel				507204	516598	526998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.51	22.57	22.54	24.0	0.0
Channel				506202	516598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.54	22.52	22.44	24.0	0.0
Channel				505200	516598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.53	22.52	22.40	24.0	0.0
Channel				504204	516598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.53	22.56	22.44	24.0	0.0
Channel				503202	516598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.53	22.53	22.46	24.0	0.0
Channel				502704	516598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	22.38	22.41	22.37	24.0	0.0
Channel				502200	516598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.57	22.58	22.51	24.0	0.0
Channel				501204	516598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.47	22.59	22.50	24.0	0.0
Channel				500703	516598	536493	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.54	22.58	22.55	24.0	0.0
Channel				500202	516598	536994	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.61	22.53	22.50	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	516598	523994		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.28	20.43	20.43	23.0	0.0
100	PI/2 BPSK	1	137	21.22	21.32	21.27		
100	PI/2 BPSK	1	271	20.25	20.30	20.21		
100	PI/2 BPSK	135	0	20.51	20.59	20.65	22.5	0.5
100	PI/2 BPSK	135	69	20.68	20.86	20.72	23.0	0.0
100	PI/2 BPSK	135	138	20.80	20.82	20.70	22.5	0.5
100	PI/2 BPSK	270	0	20.56	20.74	20.65		
100	QPSK	1	1	20.35	20.46	20.47	23.0	0.0
100	QPSK	1	137	21.24	21.34	21.32		
100	QPSK	1	271	20.33	20.39	20.23		
100	QPSK	135	0	21.13	21.13	21.08	23.0	0.0
100	QPSK	135	69	21.22	21.29	21.11		
100	QPSK	135	138	21.15	21.24	21.08		
100	QPSK	270	0	20.83	21.01	20.98	22.0	1.0
100	16QAM	1	1	20.09	20.10	20.07	22.0	1.0
100	64QAM	1	1	19.99	20.02	20.07	20.5	2.5
100	256QAM	1	1	17.90	18.02	17.95	18.5	4.5
Channel				508200	516598	524996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.17	21.29	21.09	23.0	0.0
Channel				507204	516598	526998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.05	21.10	21.17	23.0	0.0
Channel				506202	516598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.23	21.20	21.21	23.0	0.0
Channel				505200	516598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.17	21.28	21.19	23.0	0.0
Channel				504204	516598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.07	21.27	21.22	23.0	0.0
Channel				503202	516598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.14	21.24	21.10	23.0	0.0
Channel				502704	516598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	21.09	21.22	21.17	23.0	0.0
Channel				502200	516598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.10	21.21	21.23	23.0	0.0
Channel				501204	516598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.23	21.32	21.13	23.0	0.0
Channel				500703	516598	536493	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.04	21.23	21.15	23.0	0.0
Channel				500202	516598	536994	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.23	21.30	21.22	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					633332			
Frequency (MHz)					3498.98			
100	PI/2 BPSK	1	1		22.26		24.0	0.0
100	PI/2 BPSK	1	137		22.31			
100	PI/2 BPSK	1	271		21.57			
100	PI/2 BPSK	135	0		21.55		23.5	0.5
100	PI/2 BPSK	135	69		22.30		24.0	0.0
100	PI/2 BPSK	135	138		21.51		23.5	0.5
100	PI/2 BPSK	270	0		21.52			
100	QPSK	1	1		22.27		24.0	0.0
100	QPSK	1	137		22.33			
100	QPSK	1	271		21.50			
100	QPSK	135	0		20.93		24.0	0.0
100	QPSK	135	69		22.22			
100	QPSK	135	138		21.00			
100	QPSK	270	0		21.05		23.0	1.0
100	16QAM	1	1		21.66		23.0	1.0
100	64QAM	1	1		19.52		21.5	2.5
100	256QAM	1	1		18.08		19.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3498.98	3504.99		
90	QPSK	1	1	22.11	22.08	22.10	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3498.98	3510		
80	QPSK	1	1	22.11	22.08	22.12	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3498.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	22.09	22.17	22.21	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3498.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.23	22.22	22.09	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3498.98	3525	(dBm)	(dB)
50	QPSK	1	1	22.13	22.20	22.20	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3498.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.08	22.08	22.20	24.0	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3498.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.22	22.09	22.17	24.0	0.0
Channel				630664	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.01	3498.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	22.18	22.18	22.16	24.0	0.0
Channel				630668	633332	636002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3498.98	3540	(dBm)	(dB)
20	QPSK	1	1	22.25	22.15	22.17	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3498.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	22.05	22.06	22.16	24.0	0.0
Channel				630004	633332	636672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3498.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	22.22	22.19	22.10	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.42	21.45	21.38	24.0	0.0
100	PI/2 BPSK	1	137	22.34	22.39	22.35		
100	PI/2 BPSK	1	271	21.55	21.59	21.47		
100	PI/2 BPSK	135	0	21.53	21.65	21.54	23.5	0.5
100	PI/2 BPSK	135	69	22.28	22.49	22.31	24.0	0.0
100	PI/2 BPSK	135	138	21.68	21.69	21.65	23.5	0.5
100	PI/2 BPSK	270	0	21.54	21.64	21.54		
100	QPSK	1	1	21.51	21.53	21.44	24.0	0.0
100	QPSK	1	137	22.42	22.50	22.38		
100	QPSK	1	271	21.53	21.63	21.49		
100	QPSK	135	0	20.94	21.05	20.92	24.0	0.0
100	QPSK	135	69	22.33	22.34	22.31		
100	QPSK	135	138	21.08	21.16	21.10		
100	QPSK	270	0	21.04	21.05	21.01	23.0	1.0
100	16QAM	1	1	20.21	20.24	20.12	23.0	1.0
100	64QAM	1	1	18.63	18.74	18.68	21.5	2.5
100	256QAM	1	1	17.27	17.30	17.27	19.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.02	3840	3934.98		
90	QPSK	1	1	22.12	22.32	22.13	24.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	22.15	22.34	22.16	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3945	(dBm)	(dB)
70	QPSK	1	1	22.07	22.29	22.22	24.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	22.15	22.40	22.13	24.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3728.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	22.09	22.48	22.14	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	22.13	22.49	22.12	24.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	22.06	22.39	22.08	24.0	0.0
Channel				647332	656000	664665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	22.21	22.38	22.14	24.0	0.0
Channel				647334	656002	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	22.11	22.39	22.18	24.0	0.0
Channel				647002	656002	665332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	22.06	22.24	22.05	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	22.15	22.32	22.08	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3498.98			
100	PI/2 BPSK	1	1		17.47		19.5	0.0
100	PI/2 BPSK	1	137		18.27			
100	PI/2 BPSK	1	271		17.27			
100	PI/2 BPSK	135	0		17.57		19.0	0.5
100	PI/2 BPSK	135	69		18.26		19.5	0.0
100	PI/2 BPSK	135	138		17.44		19.0	0.5
100	PI/2 BPSK	270	0		17.45			
100	QPSK	1	1		17.46		19.5	0.0
100	QPSK	1	137		18.36			
100	QPSK	1	271		17.24			
100	QPSK	135	0		17.04		19.5	0.0
100	QPSK	135	69		18.21			
100	QPSK	135	138		16.93			
100	QPSK	270	0		16.92		18.5	1.0
100	16QAM	1	1		16.20		18.5	1.0
100	64QAM	1	1		14.67		17.0	2.5
100	256QAM	1	1		13.22		15.0	4.5
Channel				633000	633332	633665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3498.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.28	18.27	18.19	19.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3498.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.19	18.32	18.18	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3498.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.15	18.27	18.26	19.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3498.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.24	18.32	18.17	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3498.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.26	18.18	18.23	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3498.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.19	18.31	18.17	19.5	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3498.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.26	18.30	18.18	19.5	0.0
Channel				630664	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.01	3498.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.32	18.17	18.26	19.5	0.0
Channel				630668	633332	636002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3498.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.32	18.34	18.20	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3498.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.25	18.24	18.24	19.5	0.0
Channel				630004	633332	636672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3498.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.28	18.29	18.10	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.91	16.96	16.93	19.5	0.0
100	PI/2 BPSK	1	137	17.97	18.04	17.99		
100	PI/2 BPSK	1	271	17.46	17.51	17.40		
100	PI/2 BPSK	135	0	17.08	17.20	17.15	19.0	0.5
100	PI/2 BPSK	135	69	17.92	18.02	17.87	19.5	0.0
100	PI/2 BPSK	135	138	17.51	17.55	17.43	19.0	0.5
100	PI/2 BPSK	270	0	17.25	17.33	17.20		
100	QPSK	1	1	16.89	17.03	16.99	19.5	0.0
100	QPSK	1	137	18.04	18.10	17.92		
100	QPSK	1	271	17.39	17.47	17.46		
100	QPSK	135	0	16.58	16.69	16.55	19.5	0.0
100	QPSK	135	69	17.94	18.02	17.87		
100	QPSK	135	138	16.83	16.96	16.82		
100	QPSK	270	0	16.61	16.68	16.57	18.5	1.0
100	16QAM	1	1	15.72	15.73	15.63	18.5	1.0
100	64QAM	1	1	14.26	14.28	14.19	17.0	2.5
100	256QAM	1	1	12.59	12.73	12.62	15.0	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.02	3840	3934.98		
90	QPSK	1	1	17.95	17.84	17.87	19.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	17.97	17.86	17.98	19.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.05	17.77	17.99	19.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	17.99	17.95	17.89	19.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3728.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	18.07	17.79	17.97	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.02	17.92	17.92	19.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.02	17.96	17.90	19.5	0.0
Channel				647332	656000	664665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	17.95	17.85	17.86	19.5	0.0
Channel				647334	656002	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	17.91	17.92	17.95	19.5	0.0
Channel				647002	656002	665332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	18.04	17.90	17.89	19.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	17.87	17.91	17.94	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.65		24.0	0.0
100	PI/2 BPSK	1	137		22.86			
100	PI/2 BPSK	1	271		22.05			
100	PI/2 BPSK	135	0		21.93		23.5	0.5
100	PI/2 BPSK	135	69		22.81		24.0	0.0
100	PI/2 BPSK	135	139		22.22		23.5	0.5
100	PI/2 BPSK	270	0		22.02			
100	QPSK	1	1		21.72		24.0	0.0
100	QPSK	1	137		22.95			
100	QPSK	1	271		22.10			
100	QPSK	135	0		21.43		24.0	0.0
100	QPSK	135	69		22.70			
100	QPSK	135	139		21.59			
100	QPSK	270	0		21.41		23.0	1.0
100	16QAM	1	1		20.32		23.0	1.0
100	64QAM	1	1		18.83		21.5	2.5
100	256QAM	1	1		17.36		19.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.68	22.79	22.70	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.68	22.71	22.74	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.72	22.76	22.80	24.0	0.0
Channel				632000	633332	634664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.80	22.88	22.73	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.74	22.82	22.80	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.77	22.67	22.83	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.83	22.74	22.75	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.51	3499.98	3547.48		
25	QPSK	1	1	22.78	22.80	22.75	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.80	22.82	22.81	24.0	0.0
Channel				630004	633332	636664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3447.5	3499.98	3552.49		
15	QPSK	1	1	22.72	22.71	22.81	24.0	0.0
Channel				629334	633332	637332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3425.01	3499.98	3574.98		
10	QPSK	1	1	22.74	22.76	22.86	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.24	22.08	22.12	24.0	0.0
100	PI/2 BPSK	1	137	23.53	23.35	23.43		
100	PI/2 BPSK	1	271	22.26	22.10	22.09		
100	PI/2 BPSK	135	0	22.58	22.39	22.48	23.5	0.5
100	PI/2 BPSK	135	69	23.46	23.32	23.27	24.0	0.0
100	PI/2 BPSK	135	138	22.58	22.42	22.42	23.5	0.5
100	PI/2 BPSK	270	0	22.58	22.44	22.46		
100	QPSK	1	1	22.26	22.09	22.10	24.0	0.0
100	QPSK	1	137	23.54	23.43	23.38		
100	QPSK	1	271	22.27	22.09	22.13		
100	QPSK	135	0	22.34	22.04	22.06	24.0	0.0
100	QPSK	135	69	23.35	23.18	23.17		
100	QPSK	135	138	22.06	22.02	22.00		
100	QPSK	270	0	21.90	21.72	21.73	23.0	1.0
100	16QAM	1	1	21.00	21.00	21.00	23.0	1.0
100	64QAM	1	1	19.54	19.52	19.51	21.5	2.5
100	256QAM	1	1	17.98	17.87	17.81	19.5	4.5
Channel				649868	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	23.27	23.03	22.96	24.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	23.20	23.05	22.94	24.0	0.0
Channel				648802	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.19	23.08	23.11	24.0	0.0
Channel				648268	656000	663732	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3731.52	3840	3948.98		
60	QPSK	1	1	23.37	22.99	22.93	24.0	0.0
Channel				646934	656000	665066	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3722.01	3840	3957.99		
50	QPSK	1	1	23.22	23.02	23.03	24.0	0.0
Channel				646600	656000	665400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.37	23.09	23.03	24.0	0.0
Channel				647868	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3711.52	3840	3968.98		
30	QPSK	1	1	23.41	22.98	22.91	24.0	0.0
Channel				647200	656000	664800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3702.5	3840	3977.5		
25	QPSK	1	1	23.28	22.95	22.96	24.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3701.01	3840	3978.99		
20	QPSK	1	1	23.30	22.88	22.95	24.0	0.0
Channel				647134	656000	664866	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	23.27	22.97	22.93	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.30	22.78	22.94	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.80		19.5	0.0
100	PI/2 BPSK	1	137		18.52			
100	PI/2 BPSK	1	271		17.50			
100	PI/2 BPSK	135	0		17.88		19.0	0.5
100	PI/2 BPSK	135	69		18.49		19.5	0.0
100	PI/2 BPSK	135	139		17.70		19.0	0.5
100	PI/2 BPSK	270	0		17.71			
100	QPSK	1	1		17.82		19.5	0.0
100	QPSK	1	137		18.57			
100	QPSK	1	271		17.39			
100	QPSK	135	0		17.39		19.5	0.0
100	QPSK	135	69		18.41			
100	QPSK	135	138		17.13			
100	QPSK	270	0		17.12		18.5	1.0
100	16QAM	1	1		16.53		18.5	1.0
100	64QAM	1	1		15.03		17.0	2.5
100	256QAM	1	1		13.50		15.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.47	18.50	18.35	19.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.40	18.50	18.37	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.44	18.56	18.29	19.5	0.0
Channel				632000	633332	634664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.42	18.51	18.41	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.45	18.56	18.51	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.46	18.56	18.46	19.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.48	18.47	18.42	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.51	3499.98	3547.48	(dBm)	(dB)
25	QPSK	1	1	18.42	18.56	18.39	19.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.41	18.51	18.34	19.5	0.0
Channel				630004	633332	636664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3447.5	3499.98	3552.49	(dBm)	(dB)
15	QPSK	1	1	18.44	18.49	18.33	19.5	0.0
Channel				629334	633332	637332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3425.01	3499.98	3574.98	(dBm)	(dB)
10	QPSK	1	1	18.39	18.48	18.31	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.98	17.11	17.09	19.5	0.0
100	PI/2 BPSK	1	137	18.25	18.34	18.22		
100	PI/2 BPSK	1	271	17.61	17.73	17.67		
100	PI/2 BPSK	135	0	17.34	17.40	17.34	19.0	0.5
100	PI/2 BPSK	135	69	18.21	18.20	18.20	19.5	0.0
100	PI/2 BPSK	135	138	17.71	17.75	17.61	19.0	0.5
100	PI/2 BPSK	270	0	17.38	17.45	17.44		
100	QPSK	1	1	17.10	17.12	17.06	19.5	0.0
100	QPSK	1	137	18.26	18.39	18.31		
100	QPSK	1	271	17.60	17.74	17.64		
100	QPSK	135	0	16.76	16.85	16.73	19.5	0.0
100	QPSK	135	69	18.16	18.18	18.13		
100	QPSK	135	138	17.06	17.14	17.00		
100	QPSK	270	0	16.62	16.53	16.62	18.5	1.0
100	16QAM	1	1	15.71	15.79	15.70	18.5	1.0
100	64QAM	1	1	14.19	14.32	14.20	17.0	2.5
100	256QAM	1	1	12.65	12.80	12.74	15.0	4.5
Channel				649868	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	18.22	18.30	18.23	19.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99	(dBm)	(dB)
80	QPSK	1	1	18.17	18.19	18.20	19.5	0.0
Channel				648800	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.17	18.30	18.26	19.5	0.0
Channel				648268	656000	663732	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3731.52	3840	3948.98	(dBm)	(dB)
60	QPSK	1	1	18.24	18.24	18.26	19.5	0.0
Channel				646934	656000	665066	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3722.01	3840	3957.99	(dBm)	(dB)
50	QPSK	1	1	18.24	18.33	18.23	19.5	0.0
Channel				646600	656000	665400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.18	18.21	18.24	19.5	0.0
Channel				647868	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3711.52	3840	3968.98	(dBm)	(dB)
30	QPSK	1	1	18.17	18.29	18.33	19.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3702.5	3840	3977.5	(dBm)	(dB)
25	QPSK	1	1	18.15	18.30	18.18	19.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3701.01	3840	3978.99	(dBm)	(dB)
20	QPSK	1	1	18.25	18.32	18.15	19.5	0.0
Channel				647134	656000	664866	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	18.30	18.32	18.18	19.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.21	18.27	18.10	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.27		24.0	0.0
100	PI/2 BPSK	1	137		22.16			
100	PI/2 BPSK	1	271		21.62			
100	PI/2 BPSK	135	0		21.54		23.5	0.5
100	PI/2 BPSK	135	69		22.13		24.0	0.0
100	PI/2 BPSK	135	138		21.60		23.5	0.5
100	PI/2 BPSK	270	0		21.55			
100	QPSK	1	1		21.16		24.0	0.0
100	QPSK	1	137		22.30			
100	QPSK	1	271		21.66			
100	QPSK	135	0		20.91		24.0	0.0
100	QPSK	135	69		22.23			
100	QPSK	135	138		21.02			
100	QPSK	270	0		21.03		23.0	1.0
100	16QAM	1	1		19.97		23.0	1.0
100	64QAM	1	1		18.44		21.5	2.5
100	256QAM	1	1		17.00		19.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.08	22.15	22.07	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.13	22.10	22.14	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	22.11	22.24	22.08	24.0	0.0
Channel				632000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.18	22.18	22.10	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	22.17	22.25	22.17	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.17	22.19	22.01	24.0	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.11	22.21	22.09	24.0	0.0
Channel				630664	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	22.18	22.23	22.13	24.0	0.0
Channel				630668	633332	636002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	22.07	22.10	22.16	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	22.11	22.15	22.09	24.0	0.0
Channel				630004	633332	636672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	22.12	22.08	22.07	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.49		24.0	0.0
100	PI/2 BPSK	1	137		22.18			
100	PI/2 BPSK	1	271		21.12			
100	PI/2 BPSK	135	0		21.62		23.5	0.5
100	PI/2 BPSK	135	69		22.16		24.0	0.0
100	PI/2 BPSK	135	138		21.64		23.5	0.5
100	PI/2 BPSK	270	0		21.54			
100	QPSK	1	1		21.53		24.0	0.0
100	QPSK	1	137		22.23			
100	QPSK	1	271		21.15			
100	QPSK	135	0		21.17		24.0	0.0
100	QPSK	135	69		22.14			
100	QPSK	135	138		21.18			
100	QPSK	270	0		21.03		23.0	1.0
100	16QAM	1	1		20.23		23.0	1.0
100	64QAM	1	1		18.91		21.5	2.5
100	256QAM	1	1		17.54		19.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.02	3750	3754.98		
90	QPSK	1	1	22.08	22.11	22.12	24.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3759.99		
80	QPSK	1	1	22.06	22.21	22.15	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.16	22.10	22.12	24.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	22.15	22.10	22.16	24.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3728.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	22.22	22.09	22.08	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.12	22.11	22.17	24.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	22.09	22.09	22.11	24.0	0.0
Channel				647330	650000	652670	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	22.12	22.08	22.00	24.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	22.06	22.11	22.15	24.0	0.0
Channel				647002	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	22.10	22.15	22.16	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	22.06	22.14	22.10	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.56		19.5	0.0
100	PI/2 BPSK	1	137		18.27			
100	PI/2 BPSK	1	271		17.56			
100	PI/2 BPSK	135	0		17.60		19.0	0.5
100	PI/2 BPSK	135	69		18.25		19.5	0.0
100	PI/2 BPSK	135	138		17.62		19.0	0.5
100	PI/2 BPSK	270	0		17.50			
100	QPSK	1	1		17.61		19.5	0.0
100	QPSK	1	137		18.33			
100	QPSK	1	271		17.54			
100	QPSK	135	0		17.01		19.5	0.0
100	QPSK	135	69		18.21			
100	QPSK	135	138		17.04			
100	QPSK	270	0		16.91		18.5	1.0
100	16QAM	1	1		16.21		18.5	1.0
100	64QAM	1	1		14.68		17.0	2.5
100	256QAM	1	1		13.23		15.0	4.5
Channel				633000	633332	633665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.25	18.30	18.18	19.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.26	18.24	18.13	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.25	18.25	18.22	19.5	0.0
Channel				632000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.30	18.28	18.20	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.22	18.25	18.22	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.31	18.32	18.23	19.5	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.19	18.30	18.31	19.5	0.0
Channel				630664	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.20	18.24	18.17	19.5	0.0
Channel				630668	633332	636002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.16	18.31	18.26	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.24	18.24	18.20	19.5	0.0
Channel				630004	633332	636672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.20	18.21	18.22	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.20		19.5	0.0
100	PI/2 BPSK	1	137		18.03			
100	PI/2 BPSK	1	271		17.05			
100	PI/2 BPSK	135	0		17.34		19.0	0.5
100	PI/2 BPSK	135	69		18.02		19.5	0.0
100	PI/2 BPSK	135	138		17.21		19.0	0.5
100	PI/2 BPSK	270	0		17.28			
100	QPSK	1	1		17.22		19.5	0.0
100	QPSK	1	137		18.09			
100	QPSK	1	271		17.08			
100	QPSK	135	0		16.75		19.5	0.0
100	QPSK	135	69		17.97			
100	QPSK	135	138		16.56			
100	QPSK	270	0		16.58		18.5	1.0
100	16QAM	1	1		15.87		18.5	1.0
100	64QAM	1	1		14.41		17.0	2.5
100	256QAM	1	1		12.87		15.0	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.02	3750	3754.98		
90	QPSK	1	1	17.92	17.92	17.85	19.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	17.88	17.76	17.88	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3750	3765	(dBm)	(dB)
70	QPSK	1	1	17.83	17.88	17.84	19.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	17.88	17.75	17.80	19.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3728.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	17.87	17.89	17.84	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.87	17.88	17.87	19.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	17.87	17.86	17.89	19.5	0.0
Channel				647330	650000	652670	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	17.76	17.87	17.84	19.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	17.82	17.91	17.83	19.5	0.0
Channel				647002	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	17.85	17.73	17.81	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	17.82	17.87	17.77	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					633332			
Frequency (MHz)					3498.98			
100	PI/2 BPSK	1	1		21.60		24.0	0.0
100	PI/2 BPSK	1	137		22.68			
100	PI/2 BPSK	1	271		22.40			
100	PI/2 BPSK	135	0		22.04		23.5	0.5
100	PI/2 BPSK	135	69		22.83		24.0	0.0
100	PI/2 BPSK	135	138		22.35		23.5	0.5
100	PI/2 BPSK	270	0		22.08			
100	QPSK	1	1		21.62		24.0	0.0
100	QPSK	1	137		22.90			
100	QPSK	1	271		22.40			
100	QPSK	135	0		21.46		24.0	0.0
100	QPSK	135	69		22.92			
100	QPSK	135	138		22.01			
100	QPSK	270	0		21.49		23.0	1.0
100	16QAM	1	1		20.31		23.0	1.0
100	64QAM	1	1		18.90		21.5	2.5
100	256QAM	1	1		17.52		19.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3498.98	3504.96		
90	QPSK	1	1	22.76	22.72	22.72	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3498.98	3510		
80	QPSK	1	1	22.71	22.69	22.77	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3498.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	22.62	22.73	22.70	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3498.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.72	22.65	22.77	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3498.98	3525	(dBm)	(dB)
50	QPSK	1	1	22.67	22.72	22.73	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3498.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.78	22.67	22.70	24.0	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3498.98	3534.96	(dBm)	(dB)
30	QPSK	1	1	22.68	22.80	22.69	24.0	0.0
Channel				630664	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3498.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	22.69	22.82	22.70	24.0	0.0
Channel				630668	633332	636002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3498.98	3540	(dBm)	(dB)
20	QPSK	1	1	22.66	22.69	22.78	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3498.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	22.74	22.68	22.75	24.0	0.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3498.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	22.58	22.66	22.78	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.18		24.0	0.0
100	PI/2 BPSK	1	137		23.20			
100	PI/2 BPSK	1	271		22.32			
100	PI/2 BPSK	135	0		22.59		23.5	0.5
100	PI/2 BPSK	135	69		23.20		24.0	0.0
100	PI/2 BPSK	135	138		22.52		23.5	0.5
100	PI/2 BPSK	270	0		22.42			
100	QPSK	1	1		22.23		24.0	0.0
100	QPSK	1	137		23.24			
100	QPSK	1	271		22.22			
100	QPSK	135	0		22.04		24.0	0.0
100	QPSK	135	69		23.14			
100	QPSK	135	138		22.03			
100	QPSK	270	0		21.83		23.0	1.0
100	16QAM	1	1		21.03		23.0	1.0
100	64QAM	1	1		19.54		21.5	2.5
100	256QAM	1	1		17.97		19.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.02	3750	3754.98		
90	QPSK	1	1	22.98	22.94	22.93	24.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	23.05	23.00	23.01	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.94	23.06	23.02	24.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3742.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	23.03	22.92	22.91	24.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	23.00	23.05	22.97	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.94	23.05	22.96	24.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3737.52	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	23.04	22.97	22.87	24.0	0.0
Channel				647330	650000	652670	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	22.91	23.04	22.97	24.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	22.98	23.04	22.91	24.0	0.0
Channel				647002	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	22.93	22.96	23.01	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	22.97	23.00	22.89	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3498.98			
100	PI/2 BPSK	1	1		17.61		19.5	0.0
100	PI/2 BPSK	1	137		18.48			
100	PI/2 BPSK	1	271		17.70			
100	PI/2 BPSK	135	0		17.93		19.0	0.5
100	PI/2 BPSK	135	69		18.46		19.5	0.0
100	PI/2 BPSK	135	138		17.80		19.0	0.5
100	PI/2 BPSK	270	0		17.73			
100	QPSK	1	1		17.80		19.5	0.0
100	QPSK	1	137		18.56			
100	QPSK	1	271		17.64			
100	QPSK	135	0		17.31		19.5	0.0
100	QPSK	135	69		18.41			
100	QPSK	135	138		17.26			
100	QPSK	270	0		17.16		18.5	1.0
100	16QAM	1	1		16.50		18.5	1.0
100	64QAM	1	1		15.04		17.0	2.5
100	256QAM	1	1		13.56		15.0	4.5
Channel				633000	633332	633665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3498.98	3504.96	(dBm)	(dB)
90	QPSK	1	1	18.42	18.42	18.49	19.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3498.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.45	18.53	18.36	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3498.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.43	18.47	18.41	19.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3498.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.49	18.42	18.33	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3498.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.44	18.46	18.47	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3498.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.43	18.37	18.34	19.5	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3498.98	3534.96	(dBm)	(dB)
30	QPSK	1	1	18.33	18.40	18.54	19.5	0.0
Channel				630664	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3498.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.42	18.42	18.45	19.5	0.0
Channel				630668	633332	636002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3498.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.44	18.50	18.37	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3498.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.43	18.49	18.35	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3498.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.42	18.43	18.37	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.10		19.5	0.0
100	PI/2 BPSK	1	137		18.06			
100	PI/2 BPSK	1	271		17.16			
100	PI/2 BPSK	135	0		17.33		19.0	0.5
100	PI/2 BPSK	135	69		18.01		19.5	0.0
100	PI/2 BPSK	135	138		17.20		19.0	0.5
100	PI/2 BPSK	270	0		17.23			
100	QPSK	1	1		17.12		19.5	0.0
100	QPSK	1	137		18.11			
100	QPSK	1	271		17.09			
100	QPSK	135	0		16.67		19.5	0.0
100	QPSK	135	69		17.90			
100	QPSK	135	138		16.60			
100	QPSK	270	0		16.65		18.5	1.0
100	16QAM	1	1		15.86		18.5	1.0
100	64QAM	1	1		14.32		17.0	2.5
100	256QAM	1	1		12.90		15.0	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.02	3750	3754.98		
90	QPSK	1	1	17.87	17.98	17.95	19.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	17.96	17.96	17.90	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3750	3765	(dBm)	(dB)
70	QPSK	1	1	17.95	18.06	17.89	19.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3742.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	17.97	18.01	17.80	19.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	17.92	17.99	17.89	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.88	17.90	17.85	19.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3737.52	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	17.87	17.98	17.85	19.5	0.0
Channel				647330	650000	652670	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	17.98	18.01	17.85	19.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	17.99	17.98	17.87	19.5	0.0
Channel				647002	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	18.02	18.04	17.87	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	18.01	17.88	17.78	19.5	0.0

Reduced Power Mode for Receiver On

n2_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.51	22.52	22.48	24.0	0.0
40	PI/2 BPSK	1	108	22.30	22.44	22.29		
40	PI/2 BPSK	1	214	22.33	22.42	22.38		
40	PI/2 BPSK	108	0	22.37	22.51	22.45	23.5	0.5
40	PI/2 BPSK	108	54	22.47	22.49	22.43	24.0	0.0
40	PI/2 BPSK	108	108	22.41	22.49	22.44	23.5	0.5
40	PI/2 BPSK	216	0	22.29	22.43	22.33		
40	QPSK	1	1	22.55	22.56	22.51	24.0	0.0
40	QPSK	1	108	22.39	22.51	22.42		
40	QPSK	1	214	22.40	22.44	22.31		
40	QPSK	108	0	22.36	22.49	22.48	23.0	1.0
40	QPSK	108	54	22.43	22.53	22.49	24.0	0.0
40	QPSK	108	108	22.25	22.39	22.29	23.0	1.0
40	QPSK	216	0	22.49	22.53	22.42		
40	16QAM	1	1	21.50	21.52	21.46	23.0	1.0
40	64QAM	1	1	20.37	20.46	20.44	21.5	2.5
40	256QAM	1	1	19.18	19.23	19.19	19.5	4.5
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.50	22.48	22.50	24.0	0.0
Channel				372500	376000	377500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.49	22.41	22.43	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.42	22.53	22.50	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.53	22.41	22.48	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.54	22.42	22.40	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.54	22.42	22.40	24.0	0.0

n2(Other PA)_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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.13	22.18	22.14	24.0	0.0
40	PI/2 BPSK	1	108	22.04	22.20	22.07		
40	PI/2 BPSK	1	214	22.00	22.01	22.06		
40	PI/2 BPSK	108	0	21.98	22.15	22.14	23.5	0.5
40	PI/2 BPSK	108	54	22.13	22.09	22.04	24.0	0.0
40	PI/2 BPSK	108	108	22.08	22.12	22.10	23.5	0.5
40	PI/2 BPSK	216	0	21.93	22.12	22.03		
40	QPSK	1	1	22.17	22.25	22.15	24.0	0.0
40	QPSK	1	108	22.02	22.21	22.08		
40	QPSK	1	214	22.04	22.05	22.03		
40	QPSK	108	0	22.04	22.17	22.10	23.0	1.0
40	QPSK	108	54	22.12	22.21	22.14	24.0	0.0
40	QPSK	108	108	21.87	21.99	21.92	23.0	1.0
40	QPSK	216	0	22.17	22.20	22.02		
40	16QAM	1	1	21.20	21.17	21.14	23.0	1.0
40	64QAM	1	1	20.03	20.22	20.17	21.5	2.5
40	256QAM	1	1	18.85	18.97	18.92	19.5	4.5
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.04	22.03	22.00	24.0	0.0
Channel				372500	376000	377500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.03	22.11	22.01	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.01	22.00	22.01	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.07	22.04	22.00	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.02	22.07	22.02	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.02	22.07	22.02	24.0	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	22.41	22.43	22.34	24.0	0.0
20	PI/2 BPSK	1	53	22.44	22.45	22.31		
20	PI/2 BPSK	1	104	22.11	22.23	22.11		
20	PI/2 BPSK	50	0	22.50	22.53	22.52	23.5	0.5
20	PI/2 BPSK	50	28	22.45	22.51	22.45	24.0	0.0
20	PI/2 BPSK	50	56	22.45	22.49	22.42	23.5	0.5
20	PI/2 BPSK	100	0	22.28	22.36	22.21		
20	QPSK	1	1	22.60	22.68	22.65	24.0	0.0
20	QPSK	1	53	22.57	22.66	22.57		
20	QPSK	1	104	22.15	22.28	22.16		
20	QPSK	50	0	22.41	22.55	22.43	23.0	1.0
20	QPSK	50	28	22.50	22.64	22.62	24.0	0.0
20	QPSK	50	56	22.49	22.63	22.58	23.0	1.0
20	QPSK	100	0	22.48	22.55	22.54		
20	16QAM	1	1	21.93	22.08	21.98	23.0	1.0
20	64QAM	1	1	20.01	20.05	20.03	21.5	2.5
20	256QAM	1	1	18.30	18.43	18.38	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.55	22.43	22.46	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.54	22.53	22.41	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.55	22.54	22.35	24.0	0.0

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2526	2535	2545		
50	PI/2 BPSK	1	1	22.16	22.21	22.17	24.0	0.0
50	PI/2 BPSK	1	135	22.01	22.02	22.00		
50	PI/2 BPSK	1	268	22.11	22.12	22.10		
50	PI/2 BPSK	135	0	22.12	22.19	22.18	23.5	0.5
50	PI/2 BPSK	135	68	22.03	22.05	22.06	24.0	0.0
50	PI/2 BPSK	135	135	21.93	22.01	21.89	23.5	0.5
50	PI/2 BPSK	270	0	21.89	21.91	21.88		
50	QPSK	1	1	22.16	22.25	22.19	24.0	0.0
50	QPSK	1	135	22.14	22.22	22.13		
50	QPSK	1	268	22.11	22.15	22.11		
50	QPSK	135	0	21.89	21.98	21.88	23.0	1.0
50	QPSK	135	68	22.04	22.06	22.03	24.0	0.0
50	QPSK	135	135	21.98	22.01	21.93	23.0	1.0
50	QPSK	270	0	21.98	22.01	21.87		
50	16QAM	1	1	21.73	21.78	21.64	23.0	1.0
50	64QAM	1	1	20.58	20.71	20.67	21.5	2.5
50	256QAM	1	1	18.57	18.58	18.44	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.08	22.24	22.10	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.09	22.12	22.08	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.08	22.10	22.14	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.17	22.15	22.15	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.16	22.11	22.13	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.11	22.18	22.07	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.12	22.10	22.08	24.0	0.0

n7(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.85	22.98	22.93	24.0	0.0
50	PI/2 BPSK	1	135	22.94	22.96	22.93		
50	PI/2 BPSK	1	268	22.91	22.92	22.86		
50	PI/2 BPSK	135	0	22.84	23.04	22.87	23.5	0.5
50	PI/2 BPSK	135	68	22.96	22.96	22.93	24.0	0.0
50	PI/2 BPSK	135	135	22.91	22.93	22.83	23.5	0.5
50	PI/2 BPSK	270	0	22.87	22.92	22.93		
50	QPSK	1	1	22.99	23.05	22.99	24.0	0.0
50	QPSK	1	135	22.93	22.97	22.83		
50	QPSK	1	268	22.94	22.91	22.85		
50	QPSK	135	0	22.71	22.95	22.84	23.0	1.0
50	QPSK	135	68	22.88	22.99	22.85	24.0	0.0
50	QPSK	135	135	22.71	22.84	22.81	23.0	1.0
50	QPSK	270	0	22.75	22.98	22.79		
50	16QAM	1	1	22.29	22.41	22.33	23.0	1.0
50	64QAM	1	1	20.86	20.88	20.84	21.5	2.5
50	256QAM	1	1	18.66	18.80	18.68	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.94	22.95	22.88	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.91	23.02	22.94	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.94	23.01	22.82	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.86	22.91	22.94	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.98	23.04	22.85	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.85	23.03	22.86	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.95	23.03	22.87	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.16	18.13	18.13	19.5	0.0
50	PI/2 BPSK	1	135	18.09	18.15	18.16		
50	PI/2 BPSK	1	268	18.16	18.07	18.09		
50	PI/2 BPSK	135	0	18.11	18.09	18.14	19.5	0.0
50	PI/2 BPSK	135	68	18.19	18.16	18.21	19.5	0.0
50	PI/2 BPSK	135	135	18.13	18.15	18.21	19.5	0.0
50	PI/2 BPSK	270	0	18.21	18.18	18.18		
50	QPSK	1	1	18.22	18.29	18.22	19.5	0.0
50	QPSK	1	135	18.09	18.17	18.15		
50	QPSK	1	268	18.16	18.13	18.14		
50	QPSK	135	0	18.02	18.08	18.11	19.5	0.0
50	QPSK	135	68	18.11	18.19	18.14	19.5	0.0
50	QPSK	135	135	18.01	18.14	18.10	19.5	0.0
50	QPSK	270	0	17.97	18.13	18.00		
50	16QAM	1	1	18.03	18.04	18.03	19.5	0.0
50	64QAM	1	1	18.04	18.14	17.99	19.5	0.0
50	256QAM	1	1	18.05	18.12	18.07	18.5	1.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.06	18.11	18.08	19.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.09	18.16	18.00	19.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.98	18.15	18.06	19.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.00	18.12	18.01	19.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.09	18.12	18.09	19.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.05	18.17	17.99	19.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.01	18.12	18.09	19.5	0.0

n26(FCC)_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	22.39	22.41	22.35		
20	Pi/2 BPSK	1	53	22.34	22.40	22.36	24.0	0.0
20	Pi/2 BPSK	1	104	22.35	22.42	22.37		
20	Pi/2 BPSK	50	0	22.48	22.52	22.41	23.5	0.5
20	Pi/2 BPSK	50	28	22.41	22.48	22.43	24.0	0.0
20	Pi/2 BPSK	50	56	22.48	22.54	22.46	23.5	0.5
20	Pi/2 BPSK	100	0	22.52	22.61	22.46		
20	QPSK	1	1	22.71	22.76	22.63		
20	QPSK	1	53	22.41	22.49	22.34	24.0	0.0
20	QPSK	1	104	22.20	22.34	22.19		
20	QPSK	50	0	22.34	22.38	22.33	23.0	1.0
20	QPSK	50	28	22.44	22.46	22.43	24.0	0.0
20	QPSK	50	56	22.41	22.40	22.39	23.0	1.0
20	QPSK	100	0	22.38	22.47	22.34		
20	16QAM	1	1	22.04	22.14	21.99	23.0	1.0
20	64QAM	1	1	20.92	21.05	21.03	21.5	2.5
20	256QAM	1	1	18.54	18.63	18.62	19.5	4.5
Channel				164300	166300	168300	Tune-up limit	MPR
Frequency (MHz)				821.5	831.5	841.5	(dBm)	(dB)
15	QPSK	1	1	22.57	22.69	22.49	24.0	0.0
Channel				163800	166300	168800	Tune-up limit	MPR
Frequency (MHz)				819	831.5	844	(dBm)	(dB)
10	QPSK	1	1	22.58	22.66	22.53	24.0	0.0
Channel				163500	166500	169500	Tune-up limit	MPR
Frequency (MHz)				816.5	831.5	846.5	(dBm)	(dB)
5	QPSK	1	1	22.58	22.75	22.48	24.0	0.0

n66_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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	Pi/2 BPSK	1	1	22.30	22.31	22.22		
45	Pi/2 BPSK	1	122	22.14	22.20	22.15	24.0	0.0
45	Pi/2 BPSK	1	243	22.16	22.23	22.06		
45	Pi/2 BPSK	120	0	22.21	22.30	22.27	23.5	0.5
45	Pi/2 BPSK	120	60	22.23	22.30	22.20	24.0	0.0
45	Pi/2 BPSK	120	122	22.20	22.29	22.29	23.5	0.5
45	Pi/2 BPSK	243	0	22.07	22.26	22.12		
45	QPSK	1	1	22.32	22.37	22.30		
45	QPSK	1	122	22.16	22.29	22.17	24.0	0.0
45	QPSK	1	243	22.21	22.26	22.15		
45	QPSK	120	0	22.13	22.28	22.24	23.0	1.0
45	QPSK	120	60	22.25	22.32	22.29	24.0	0.0
45	QPSK	120	122	22.08	22.21	22.11	23.0	1.0
45	QPSK	243	0	22.28	22.29	22.24		
45	16QAM	1	1	21.26	21.35	21.23	23.0	1.0
45	64QAM	1	1	20.22	20.31	20.25	21.5	2.5
45	256QAM	1	1	19.06	19.07	18.98	19.5	4.5
Channel				346000	349000	352000	Tune-up limit	MPR
Frequency (MHz)				1730	1745	1760	(dBm)	(dB)
40	QPSK	1	1	22.15	22.35	22.37	24.0	0.0
Channel				345500	349000	352500	Tune-up limit	MPR
Frequency (MHz)				1727.5	1745	1762.5	(dBm)	(dB)
35	QPSK	1	1	22.14	22.30	22.31	24.0	0.0
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	22.17	22.33	22.33	24.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	22.19	22.28	22.28	24.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	22.19	22.28	22.22	24.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	22.26	22.32	22.21	24.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	22.17	22.30	22.26	24.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	22.23	22.33	22.31	24.0	0.0

n66(Other PA)_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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	Pi/2 BPSK	1	1	22.56	22.62	22.42		
45	Pi/2 BPSK	1	122	22.38	22.43	22.47	24.0	0.0
45	Pi/2 BPSK	1	243	22.32	22.47	22.30		
45	Pi/2 BPSK	120	0	22.45	22.55	22.51	23.5	0.5
45	Pi/2 BPSK	120	60	22.49	22.59	22.52	24.0	0.0
45	Pi/2 BPSK	120	122	22.47	22.50	22.50	23.5	0.5
45	Pi/2 BPSK	243	0	22.28	22.47	22.41		
45	QPSK	1	1	22.59	22.66	22.51		
45	QPSK	1	122	22.40	22.53	22.50	24.0	0.0
45	QPSK	1	243	22.39	22.52	22.30		
45	QPSK	120	0	22.35	22.58	22.45	23.0	1.0
45	QPSK	120	60	22.53	22.60	22.48	24.0	0.0
45	QPSK	120	122	22.26	22.45	22.28	23.0	1.0
45	QPSK	243	0	22.51	22.53	22.46		
45	16QAM	1	1	21.56	21.60	21.46	23.0	1.0
45	64QAM	1	1	20.41	20.53	20.47	21.5	2.5
45	256QAM	1	1	19.21	19.30	19.28	19.5	4.5
Channel				346000	349000	352000	Tune-up limit	MPR
Frequency (MHz)				1730	1745	1760	(dBm)	(dB)
40	QPSK	1	1	22.50	22.55	22.48	24.0	0.0
Channel				345500	349000	352500	Tune-up limit	MPR
Frequency (MHz)				1727.5	1745	1762.5	(dBm)	(dB)
35	QPSK	1	1	22.36	22.41	22.38	24.0	0.0
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	22.48	22.50	22.38	24.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	22.49	22.41	22.46	24.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	22.45	22.43	22.47	24.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	22.48	22.45	22.46	24.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	22.41	22.47	22.39	24.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	22.49	22.40	22.49	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	Pi/2 BPSK	1	1	19.11	19.20	19.14		
45	Pi/2 BPSK	1	122	19.12	19.20	19.24	21.0	0.0
45	Pi/2 BPSK	1	243	19.17	19.25	19.21		
45	Pi/2 BPSK	120	0	19.15	19.28	19.25	21.0	0.0
45	Pi/2 BPSK	120	60	19.22	19.30	19.24	21.0	0.0
45	Pi/2 BPSK	120	122	19.25	19.31	19.23	21.0	0.0
45	Pi/2 BPSK	243	0	19.20	19.32	19.19		
45	QPSK	1	1	19.27	19.43	19.41		
45	QPSK	1	122	19.12	19.29	19.40	21.0	0.0
45	QPSK	1	243	19.16	19.38	19.27		
45	QPSK	120	0	19.20	19.26	19.16	21.0	0.0
45	QPSK	120	60	19.26	19.35	19.29	21.0	0.0
45	QPSK	120	122	19.11	19.20	19.25	21.0	0.0
45	QPSK	243	0	19.22	19.27	19.27		
45	16QAM	1	1	19.15	19.26	19.16	21.0	0.0
45	64QAM	1	1	19.21	19.30	19.29	20.5	0.5
45	256QAM	1	1	18.12	18.16	18.13	18.5	2.5
Channel				346000	349000	352000	Tune-up limit	MPR
Frequency (MHz)				1730	1745	1760	(dBm)	(dB)
40	QPSK	1	1	19.24	19.30	19.27	21.0	0.0
Channel				345500	349000	352500	Tune-up limit	MPR
Frequency (MHz)				1727.5	1745	1762.5	(dBm)	(dB)
35	QPSK	1	1	19.26	19.28	19.26	21.0	0.0
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	19.22	19.23	19.24	21.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	19.23	19.27	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	19.19	19.28	19.23	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	19.17	19.30	19.21	21.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	19.17	19.22	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	19.19	19.32	19.23	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	22.23	22.36	22.22	24.0	0.0
40	PI/2 BPSK	1	53	22.20	22.24	22.25		
40	PI/2 BPSK	1	104	22.23	22.30	22.21		
40	PI/2 BPSK	50	0	22.30	22.43	22.41	23.5	0.5
40	PI/2 BPSK	50	28	22.38	22.45	22.34	24.0	0.0
40	PI/2 BPSK	50	56	22.24	22.26	22.20	23.5	0.5
40	PI/2 BPSK	100	0	22.29	22.31	22.21		
40	QPSK	1	1	22.30	22.45	22.38	24.0	0.0
40	QPSK	1	53	22.56	22.64	22.51		
40	QPSK	1	104	22.27	22.34	22.30		
40	QPSK	50	0	22.18	22.29	22.19	24.0	0.0
40	QPSK	50	28	22.23	22.35	22.26		
40	QPSK	50	56	22.02	22.16	22.03		
40	QPSK	100	0	22.22	22.33	22.25	23.0	1.0
40	16QAM	1	1	21.98	22.14	22.13	23.0	1.0
40	64QAM	1	1	20.19	20.29	20.25	21.5	2.5
40	256QAM	1	1	19.05	19.18	19.06	19.5	4.5
Channel				517022	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.01	22.14	22.15	24.0	0.0
Channel				515004	519000	523000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.07	22.10	22.09	24.0	0.0
Channel				516002	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.02	22.19	22.16	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.00	22.23	22.09	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.00	22.15	22.08	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	21.05	21.07	21.05	23.0	0.0
40	PI/2 BPSK	1	53	21.13	21.16	21.19		
40	PI/2 BPSK	1	104	21.05	21.06	21.07		
40	PI/2 BPSK	50	0	20.86	21.04	21.01	22.5	0.5
40	PI/2 BPSK	50	28	21.02	21.04	21.08	23.0	0.0
40	PI/2 BPSK	50	56	21.02	21.11	20.91	22.5	0.5
40	PI/2 BPSK	100	0	20.75	20.80	20.89		
40	QPSK	1	1	21.14	21.17	21.07	23.0	0.0
40	QPSK	1	53	21.21	21.30	21.14		
40	QPSK	1	104	21.05	21.06	21.11		
40	QPSK	50	0	21.05	21.07	21.05	23.0	0.0
40	QPSK	50	28	21.14	21.15	21.11		
40	QPSK	50	56	21.07	21.04	21.06		
40	QPSK	100	0	21.06	21.21	21.12	22.0	1.0
40	16QAM	1	1	20.81	21.00	20.88	22.0	1.0
40	64QAM	1	1	20.18	20.22	20.23	20.5	2.5
40	256QAM	1	1	18.27	18.32	18.30	18.5	4.5
Channel				517022	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.06	21.11	21.08	23.0	0.0
Channel				515004	519000	523000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	21.01	21.01	21.07	23.0	0.0
Channel				516002	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.07	21.10	21.04	23.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.03	21.06	21.05	23.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.06	21.03	21.08	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				506202	518598	530994		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.04	22.01	22.05	24.0	0.0
100	PI/2 BPSK	1	137	22.58	22.62	22.64		
100	PI/2 BPSK	1	271	22.04	22.05	22.10		
100	PI/2 BPSK	135	0	22.57	22.55	22.60	23.5	0.5
100	PI/2 BPSK	135	69	22.60	22.60	22.60	24.0	0.0
100	PI/2 BPSK	135	138	22.65	22.64	22.59	23.5	0.5
100	PI/2 BPSK	270	0	22.64	22.59	22.61		
100	QPSK	1	1	22.01	22.04	22.05	24.0	0.0
100	QPSK	1	137	22.65	22.67	22.64		
100	QPSK	1	271	22.06	22.03	22.08		
100	QPSK	135	0	22.53	22.50	22.46	24.0	0.0
100	QPSK	135	69	22.54	22.59	22.55		
100	QPSK	135	138	22.50	22.51	22.48		
100	QPSK	270	0	22.40	22.45	22.35	23.0	1.0
100	16QAM	1	1	21.70	21.70	21.69	23.0	1.0
100	64QAM	1	1	20.96	20.95	20.92	21.5	2.5
100	256QAM	1	1	19.10	19.15	19.18	19.5	4.5
Channel				506200	518598	530996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.53	22.59	22.51	24.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2556.02	2592.99	2629.98		
60	QPSK	1	1	22.51	22.57	22.54	24.0	0.0
Channel				508202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2581.01	2592.99	2605		
70	QPSK	1	1	22.54	22.52	22.44	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.53	22.52	22.40	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.98		
50	QPSK	1	1	22.55	22.56	22.44	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.53	22.53	22.48	24.0	0.0
Channel				502704	518598	534492	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	22.38	22.41	22.37	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.57	22.58	22.51	24.0	0.0
Channel				501204	518598	535988	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.96		
20	QPSK	1	1	22.47	22.52	22.50	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.5	2592.99	2684.49		
15	QPSK	1	1	22.54	22.58	22.55	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.61	22.53	22.50	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	530994		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.28	20.43	20.43	23.0	0.0
100	PI/2 BPSK	1	137	21.22	21.32	21.27		
100	PI/2 BPSK	1	271	20.25	20.30	20.21		
100	PI/2 BPSK	135	0	20.51	20.59	20.65	22.5	0.5
100	PI/2 BPSK	135	69	20.68	20.66	20.72	23.0	0.0
100	PI/2 BPSK	135	138	20.80	20.82	20.70	22.5	0.5
100	PI/2 BPSK	270	0	20.56	20.74	20.63		
100	QPSK	1	1	20.35	20.46	20.47	23.0	0.0
100	QPSK	1	137	21.24	21.34	21.30		
100	QPSK	1	271	20.33	20.39	20.23		
100	QPSK	135	0	21.13	21.13	21.06	23.0	0.0
100	QPSK	135	69	21.22	21.29	21.11		
100	QPSK	135	138	21.15	21.24	21.08		
100	QPSK	270	0	20.83	21.01	20.96	22.0	1.0
100	16QAM	1	1	20.09	20.10	20.07	22.0	1.0
100	64QAM	1	1	19.99	20.02	20.07	20.5	2.5
100	256QAM	1	1	17.90	18.02	17.95	18.5	4.5
Channel				506200	518598	530996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.17	21.29	21.09	23.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2556.02	2592.99	2629.98		
60	QPSK	1	1	21.05	21.10	21.17	23.0	0.0
Channel				508202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2581.01	2592.99	2605		
70	QPSK	1	1	21.23	21.20	21.21	23.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.17	21.28	21.19	23.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.98		
50	QPSK	1	1	21.07	21.27	21.22	23.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.14	21.24	21.10	23.0	0.0
Channel				502704	518598	534492	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	21.09	21.22	21.17	23.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.10	21.21	21.23	23.0	0.0
Channel				501204	518598	535988	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.96		
20	QPSK	1	1	21.23	21.32	21.13	23.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.5	2592.99	2684.49		
15	QPSK	1	1	21.04	21.23	21.15	23.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.23	21.30	21.22	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.85		15.0	0.0
100	PI/2 BPSK	1	137		13.87			
100	PI/2 BPSK	1	271		13.80			
100	PI/2 BPSK	135	0		13.74		15.0	0.0
100	PI/2 BPSK	135	69		13.76		15.0	0.0
100	PI/2 BPSK	135	138		13.86		15.0	0.0
100	PI/2 BPSK	270	0		13.79			
100	QPSK	1	1		13.77		15.0	0.0
100	QPSK	1	137		13.89			
100	QPSK	1	271		13.74			
100	QPSK	135	0		13.76		15.0	0.0
100	QPSK	135	69		13.87			
100	QPSK	135	138		13.86			
100	QPSK	270	0		13.78		15.0	0.0
100	16QAM	1	1		13.84		15.0	0.0
100	64QAM	1	1		13.76		15.0	0.0
100	256QAM	1	1		13.79		15.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	13.79	13.86	13.78	15.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	13.78	13.84	13.83	15.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	13.82	13.80	13.81	15.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	13.88	13.78	13.81	15.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	13.82	13.78	13.84	15.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	13.77	13.82	13.75	15.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	13.79	13.84	13.75	15.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	13.82	13.74	13.85	15.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	13.74	13.77	13.85	15.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	13.77	13.83	13.77	15.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	13.88	13.78	13.75	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.56	13.62	13.58	15.0	0.0
100	PI/2 BPSK	1	137	13.42	13.69	13.49		
100	PI/2 BPSK	1	271	13.48	13.64	13.50		
100	PI/2 BPSK	135	0	13.40	13.55	13.51	15.0	0.0
100	PI/2 BPSK	135	69	13.47	13.62	13.42	15.0	0.0
100	PI/2 BPSK	135	138	13.39	13.55	13.48	15.0	0.0
100	PI/2 BPSK	270	0	13.53	13.60	13.51		
100	QPSK	1	1	12.62	12.76	12.53	15.0	0.0
100	QPSK	1	137	13.54	13.67	13.55		
100	QPSK	1	271	13.38	13.59	13.40		
100	QPSK	135	0	13.44	13.54	13.48	15.0	0.0
100	QPSK	135	69	13.48	13.62	13.50		
100	QPSK	135	138	13.38	13.66	13.40		
100	QPSK	270	0	13.43	13.60	13.47	15.0	0.0
100	16QAM	1	1	13.51	13.63	13.50	15.0	0.0
100	64QAM	1	1	13.42	13.48	13.50	15.0	0.0
100	256QAM	1	1	13.48	13.55	13.44	15.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	13.34	13.42	13.17	15.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	13.35	13.32	13.12	15.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.26	13.38	13.23	15.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	13.30	13.34	13.18	15.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	13.28	13.40	13.12	15.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.24	13.34	13.13	15.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	13.36	13.36	13.20	15.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	13.35	13.36	13.22	15.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	13.23	13.31	13.22	15.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	13.25	13.35	13.22	15.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	13.35	13.30	13.16	15.0	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.47		19.5	0.0
100	PI/2 BPSK	1	137		18.27			
100	PI/2 BPSK	1	271		17.27			
100	PI/2 BPSK	135	0		17.57		19.0	0.5
100	PI/2 BPSK	135	69		18.26		19.5	0.0
100	PI/2 BPSK	135	138		17.44		19.0	0.5
100	PI/2 BPSK	270	0		17.45			
100	QPSK	1	1		17.46		19.5	0.0
100	QPSK	1	137		18.36			
100	QPSK	1	271		17.24			
100	QPSK	135	0		17.04		19.5	0.0
100	QPSK	135	69		18.21			
100	QPSK	135	138		16.93			
100	QPSK	270	0		16.90		18.5	1.0
100	16QAM	1	1		16.20		18.5	1.0
100	64QAM	1	1		14.67		17.0	2.5
100	256QAM	1	1		13.22		15.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.28	18.27	18.19	19.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.19	18.32	18.18	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.15	18.27	18.26	19.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.24	18.32	18.17	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.26	18.18	18.23	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.19	18.31	18.17	19.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.26	18.30	18.18	19.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.32	18.17	18.26	19.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.32	18.34	18.20	19.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.25	18.24	18.24	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.28	18.29	18.10	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.91	16.96	16.93	19.5	0.0
100	PI/2 BPSK	1	137	17.97	18.04	17.99		
100	PI/2 BPSK	1	271	17.46	17.51	17.40		
100	PI/2 BPSK	135	0	17.08	17.20	17.15	19.0	0.5
100	PI/2 BPSK	135	69	17.92	18.02	17.87	19.5	0.0
100	PI/2 BPSK	135	138	17.51	17.55	17.43	19.0	0.5
100	PI/2 BPSK	270	0	17.25	17.33	17.20		
100	QPSK	1	1	16.89	17.03	16.99	19.5	0.0
100	QPSK	1	137	18.04	18.10	17.96		
100	QPSK	1	271	17.39	17.47	17.46		
100	QPSK	135	0	16.58	16.69	16.56	19.5	0.0
100	QPSK	135	69	17.94	18.02	17.87		
100	QPSK	135	138	16.83	16.96	16.82		
100	QPSK	270	0	16.61	16.66	16.57	18.5	1.0
100	16QAM	1	1	15.72	15.73	15.63	18.5	1.0
100	64QAM	1	1	14.26	14.28	14.19	17.0	2.5
100	256QAM	1	1	12.59	12.73	12.62	15.0	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	17.95	17.84	17.87	19.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.97	17.88	17.98	19.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.05	17.77	17.99	19.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	17.99	17.95	17.89	19.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	18.07	17.79	17.97	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.02	17.92	17.92	19.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	18.02	17.96	17.90	19.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.95	17.85	17.86	19.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.91	17.92	17.95	19.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	18.04	17.90	17.89	19.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.87	17.91	17.94	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.46		18.5	0.0
100	PI/2 BPSK	1	137		17.44			
100	PI/2 BPSK	1	271		17.41			
100	PI/2 BPSK	135	0		17.50		18.5	0.0
100	PI/2 BPSK	135	69		17.41		18.5	0.0
100	PI/2 BPSK	135	138		17.51		18.5	0.0
100	PI/2 BPSK	270	0		17.50			
100	QPSK	1	1		17.45		18.5	0.0
100	QPSK	1	137		17.54			
100	QPSK	1	271		17.43			
100	QPSK	135	0		17.52		18.5	0.0
100	QPSK	135	69		17.53			
100	QPSK	135	138		17.39			
100	QPSK	270	0		17.44		18.5	0.0
100	16QAM	1	1		17.43		18.5	0.0
100	64QAM	1	1		17.48		18.5	0.0
100	256QAM	1	1		17.49		18.5	0.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
90	QPSK	1	1	17.40	17.28	17.26	18.5	0.0
Channel				629668	633332	636997	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.02	3499.98	3537.99		
80	QPSK	1	1	17.41	17.28	17.29	18.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.50	17.28	17.34	18.5	0.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
60	QPSK	1	1	17.36	17.22	17.36	18.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.38	17.24	17.28	18.5	0.0
Channel				632334	633332	632332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3529.98		
40	QPSK	1	1	17.43	17.35	17.27	18.5	0.0
Channel				631000	633332	635662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.48	17.25	17.24	18.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	17.42	17.33	17.31	18.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3463.02	3499.98	3540		
20	QPSK	1	1	17.49	17.28	17.34	18.5	0.0
Channel				630000	633332	636165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3532.49		
15	QPSK	1	1	17.46	17.32	17.31	18.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.51	3499.98	3544.98		
10	QPSK	1	1	17.47	17.31	17.33	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				630000	635000	640000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.99	17.99	17.92	18.5	0.0
100	PI/2 BPSK	1	137	18.00	18.02	17.97		
100	PI/2 BPSK	1	271	17.99	18.01	17.96		
100	PI/2 BPSK	135	0	17.91	17.90	17.86	18.5	0.0
100	PI/2 BPSK	135	69	17.97	17.93	17.96	18.5	0.0
100	PI/2 BPSK	135	138	18.01	17.99	17.86	18.5	0.0
100	PI/2 BPSK	270	0	17.88	18.01	17.93		
100	QPSK	1	1	18.00	17.98	17.96	18.5	0.0
100	QPSK	1	137	18.03	18.05	18.01		
100	QPSK	1	271	18.02	18.00	18.00		
100	QPSK	135	0	17.83	17.92	17.83	18.5	0.0
100	QPSK	135	69	17.94	17.97	17.92		
100	QPSK	135	138	17.79	17.96	17.81		
100	QPSK	270	0	17.92	17.96	17.86	18.5	0.0
100	16QAM	1	1	17.80	17.93	17.87	18.5	0.0
100	64QAM	1	1	17.82	17.91	17.89	18.5	0.0
100	256QAM	1	1	17.86	17.85	17.90	18.5	0.0
Channel				640668	635000	629332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3763.02	3840	3924.98		
90	QPSK	1	1	17.81	17.91	17.83	18.5	0.0
Channel				640334	635000	629666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3760.01	3840	3919.99		
80	QPSK	1	1	17.92	17.94	17.90	18.5	0.0
Channel				640000	635000	630000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3840	3930		
70	QPSK	1	1	17.90	17.86	17.87	18.5	0.0
Channel				640668	635000	629332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3763.02	3840	3924.98		
60	QPSK	1	1	17.79	17.83	17.82	18.5	0.0
Channel				640334	635000	629666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3760.01	3840	3919.99		
50	QPSK	1	1	17.92	17.84	17.91	18.5	0.0
Channel				640000	635000	629000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3840	3930		
40	QPSK	1	1	17.84	17.85	17.85	18.5	0.0
Channel				639668	635000	630332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3737.02	3840	3944.98		
30	QPSK	1	1	17.83	17.86	17.87	18.5	0.0
Channel				639500	635000	630500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.85	17.90	17.79	18.5	0.0
Channel				639334	635000	630666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.83	17.94	17.85	18.5	0.0
Channel				639168	635000	630832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	17.80	17.93	17.85	18.5	0.0
Channel				639000	635000	631000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.80	17.84	17.83	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.80		19.5	0.0
100	PI/2 BPSK	1	137		18.32			
100	PI/2 BPSK	1	271		17.50			
100	PI/2 BPSK	135	0		17.88		19.0	0.5
100	PI/2 BPSK	135	69		18.49		19.5	0.0
100	PI/2 BPSK	135	138		17.70		19.0	0.5
100	PI/2 BPSK	270	0		17.71			
100	QPSK	1	1		17.82		19.5	0.0
100	QPSK	1	137		18.57			
100	QPSK	1	271		17.39			
100	QPSK	135	0		17.39		19.5	0.0
100	QPSK	135	69		18.41			
100	QPSK	135	138		17.13			
100	QPSK	270	0		17.12		18.5	1.0
100	16QAM	1	1		16.53		18.5	1.0
100	64QAM	1	1		15.03		17.0	2.5
100	256QAM	1	1		13.50		15.0	4.5
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
90	QPSK	1	1	18.47	18.50	18.35	19.5	0.0
Channel				629668	633332	636997	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.02	3499.98	3537		
80	QPSK	1	1	18.40	18.50	18.37	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.44	18.56	18.29	19.5	0.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
60	QPSK	1	1	18.42	18.51	18.41	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.45	18.56	18.51	19.5	0.0
Channel				632334	633332	633332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3529.98		
40	QPSK	1	1	18.46	18.56	18.46	19.5	0.0
Channel				631000	633332	635662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.48	18.47	18.42	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.42	18.56	18.39	19.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3463.02	3499.98	3540		
20	QPSK	1	1	18.41	18.51	18.34	19.5	0.0
Channel				630000	633332	636165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3532.49		
15	QPSK	1	1	18.44	18.49	18.33	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.51	3499.98	3544.98		
10	QPSK	1	1	18.39	18.48	18.31	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				630000	635000	640000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.98	17.11	17.09	19.5	0.0
100	PI/2 BPSK	1	137	18.25	18.34	18.22		
100	PI/2 BPSK	1	271	17.61	17.73	17.67		
100	PI/2 BPSK	135	0	17.34	17.40	17.34	19.0	0.5
100	PI/2 BPSK	135	69	18.21	18.29	18.20	19.5	0.0
100	PI/2 BPSK	135	138	17.71	17.75	17.61	19.0	0.5
100	PI/2 BPSK	270	0	17.38	17.45	17.44		
100	QPSK	1	1	17.10	17.12	17.08	19.5	0.0
100	QPSK	1	137	18.20	18.39	18.31		
100	QPSK	1	271	17.60	17.74	17.64		
100	QPSK	135	0	16.76	16.96	16.73	19.5	0.0
100	QPSK	135	69	18.16	18.18	18.12		
100	QPSK	135	138	17.66	17.14	17.60		
100	QPSK	270	0	16.92	16.93	16.62	18.5	1.0
100	16QAM	1	1	15.71	15.79	15.70	18.5	1.0
100	64QAM	1	1	14.19	14.32	14.20	17.0	2.5
100	256QAM	1	1	12.65	12.80	12.74	15.0	4.5
Channel				640668	635000	629332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3763.02	3840	3924.98		
90	QPSK	1	1	18.22	18.30	18.23	19.5	0.0
Channel				640334	635000	629666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3760.01	3840	3919.99		
80	QPSK	1	1	18.17	18.19	18.20	19.5	0.0
Channel				640000	635000	630000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3840	3930		
70	QPSK	1	1	18.17	18.30	18.26	19.5	0.0
Channel				640668	635000	629332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3763.02	3840	3924.98		
60	QPSK	1	1	18.24	18.24	18.26	19.5	0.0
Channel				640334	635000	629666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3760.01	3840	3919.99		
50	QPSK	1	1	18.24	18.33	18.23	19.5	0.0
Channel				640000	635000	629000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3840	3930		
40	QPSK	1	1	18.18	18.21	18.24	19.5	0.0
Channel				639668	635000	630332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3737.02	3840	3944.98		
30	QPSK	1	1	18.17	18.29	18.33	19.5	0.0
Channel				639500	635000	630500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.15	18.33	18.18	19.5	0.0
Channel				639334	635000	630666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.25	18.32	18.15	19.5	0.0
Channel				639168	635000	630832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	18.30	18.32	18.18	19.5	0.0
Channel				639000	635000	631000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.21	18.27	18.10	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.41		15.0	0.0
100	PI/2 BPSK	1	137		13.36			
100	PI/2 BPSK	1	271		13.33			
100	PI/2 BPSK	135	0		13.30		15.0	0.0
100	PI/2 BPSK	135	69		13.31		15.0	0.0
100	PI/2 BPSK	135	138		13.36		15.0	0.0
100	PI/2 BPSK	270	0		13.34			
100	QPSK	1	1		13.39		15.0	0.0
100	QPSK	1	137		13.38			
100	QPSK	1	271		13.35			
100	QPSK	135	0		13.29		15.0	0.0
100	QPSK	135	69		13.37			
100	QPSK	135	138		13.34			
100	QPSK	270	0		13.22		15.0	0.0
100	16QAM	1	1		13.22		15.0	0.0
100	64QAM	1	1		13.24		15.0	0.0
100	256QAM	1	1		13.33		15.0	0.0
Channel				632000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	13.26	13.12	13.17	15.0	0.0
Channel				632034	633332	634032	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495.03	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	13.23	13.08	13.21	15.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495.03	3499.98	3514.99	(dBm)	(dB)
70	QPSK	1	1	13.35	13.07	13.24	15.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	13.28	13.16	13.25	15.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	13.32	13.16	13.17	15.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	13.35	13.21	13.24	15.0	0.0
Channel				631002	633332	635664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	13.32	13.18	13.13	15.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.01	3499.98	3547.48	(dBm)	(dB)
25	QPSK	1	1	13.28	13.15	13.22	15.0	0.0
Channel				630006	633332	636006	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450.02	3499.98	3549	(dBm)	(dB)
20	QPSK	1	1	13.29	13.07	13.18	15.0	0.0
Channel				629360	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3447.5	3499.98	3552.49	(dBm)	(dB)
15	QPSK	1	1	13.28	13.11	13.25	15.0	0.0
Channel				628034	633332	638332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3445.01	3499.98	3554.98	(dBm)	(dB)
10	QPSK	1	1	13.30	13.10	13.22	15.0	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					636000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.30		15.0	0.0
100	PI/2 BPSK	1	137		13.31			
100	PI/2 BPSK	1	271		13.23			
100	PI/2 BPSK	135	0		13.35		15.0	0.0
100	PI/2 BPSK	135	69		13.30		15.0	0.0
100	PI/2 BPSK	135	138		13.31		15.0	0.0
100	PI/2 BPSK	270	0		13.35			
100	QPSK	1	1		13.24		15.0	0.0
100	QPSK	1	137		13.38			
100	QPSK	1	271		13.24			
100	QPSK	135	0		13.32		15.0	0.0
100	QPSK	135	69		13.35			
100	QPSK	135	138		13.35			
100	QPSK	270	0		13.28		15.0	0.0
100	16QAM	1	1		13.31		15.0	0.0
100	64QAM	1	1		13.30		15.0	0.0
100	256QAM	1	1		13.35		15.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3750	3754.98		
90	QPSK	1	1	13.37	13.16	13.18	15.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	13.24	13.22	13.28	15.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3750	3760	(dBm)	(dB)
70	QPSK	1	1	13.31	13.14	13.27	15.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3736.02	3750	3763.98	(dBm)	(dB)
60	QPSK	1	1	13.23	13.10	13.23	15.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3733.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	13.24	13.24	13.29	15.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3750	3780	(dBm)	(dB)
40	QPSK	1	1	13.32	13.14	13.25	15.0	0.0
Channel				647332	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	13.30	13.19	13.17	15.0	0.0
Channel				647000	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	13.26	13.15	13.30	15.0	0.0
Channel				646334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	13.30	13.14	13.25	15.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	13.35	13.17	13.17	15.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	13.30	13.22	13.30	15.0	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.56		19.5	0.0
100	PI/2 BPSK	1	137		18.27			
100	PI/2 BPSK	1	271		17.56			
100	PI/2 BPSK	135	0		17.60		19.0	0.5
100	PI/2 BPSK	135	69		18.25		19.5	0.0
100	PI/2 BPSK	135	138		17.62		19.0	0.5
100	PI/2 BPSK	270	0		17.59			
100	QPSK	1	1		17.61		19.5	0.0
100	QPSK	1	137		18.33			
100	QPSK	1	271		17.54			
100	QPSK	135	0		17.01		19.5	0.0
100	QPSK	135	69		18.21			
100	QPSK	135	138		17.04			
100	QPSK	270	0		16.91		18.5	1.0
100	16QAM	1	1		16.21		18.5	1.0
100	64QAM	1	1		14.68		17.0	2.5
100	256QAM	1	1		13.23		15.0	4.5
Channel				632000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.25	18.30	18.18	19.5	0.0
Channel				632334	633332	634032	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495.03	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.26	18.24	18.13	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495.03	3499.98	3514.99	(dBm)	(dB)
70	QPSK	1	1	18.25	18.25	18.22	19.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.30	18.28	18.20	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.22	18.25	18.22	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.31	18.32	18.23	19.5	0.0
Channel				631002	633332	635664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.19	18.30	18.31	19.5	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.01	3499.98	3547.48	(dBm)	(dB)
25	QPSK	1	1	18.20	18.24	18.17	19.5	0.0
Channel				630006	633332	636006	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450.02	3499.98	3549	(dBm)	(dB)
20	QPSK	1	1	18.16	18.31	18.20	19.5	0.0
Channel				629360	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3447.5	3499.98	3552.49	(dBm)	(dB)
15	QPSK	1	1	18.24	18.24	18.20	19.5	0.0
Channel				628334	633332	638332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3445.01	3499.98	3554.98	(dBm)	(dB)
10	QPSK	1	1	18.20	18.21	18.22	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					636000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.20		19.5	0.0
100	PI/2 BPSK	1	137		18.03			
100	PI/2 BPSK	1	271		17.05			
100	PI/2 BPSK	135	0		17.34		19.0	0.5
100	PI/2 BPSK	135	69		18.02		19.5	0.0
100	PI/2 BPSK	135	138		17.21		19.0	0.5
100	PI/2 BPSK	270	0		17.28			
100	QPSK	1	1		17.22		19.5	0.0
100	QPSK	1	137		18.09			
100	QPSK	1	271		17.08			
100	QPSK	135	0		16.75		19.5	0.0
100	QPSK	135	69		17.95			
100	QPSK	135	138		16.56			
100	QPSK	270	0		16.58		18.5	1.0
100	16QAM	1	1		15.87		18.5	1.0
100	64QAM	1	1		14.41		17.0	2.5
100	256QAM	1	1		12.87		15.0	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3750	3754.98		
90	QPSK	1	1	17.92	17.92	17.85	19.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	17.88	17.78	17.88	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3750	3760	(dBm)	(dB)
70	QPSK	1	1	17.83	17.88	17.84	19.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3736.02	3750	3763.98	(dBm)	(dB)
60	QPSK	1	1	17.88	17.75	17.80	19.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3733.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	17.87	17.89	17.84	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.87	17.89	17.87	19.5	0.0
Channel				647332	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	17.87	17.86	17.89	19.5	0.0
Channel				647000	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	17.76	17.87	17.84	19.5	0.0
Channel				646334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	17.82	17.91	17.83	19.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	17.85	17.73	17.81	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	17.82	17.87	17.77	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.41		18.5	0.0
100	PI/2 BPSK	1	137		17.48			
100	PI/2 BPSK	1	271		17.30			
100	PI/2 BPSK	135	0		17.24		18.5	0.0
100	PI/2 BPSK	135	69		17.43		18.5	0.0
100	PI/2 BPSK	135	138		17.35		18.5	0.0
100	PI/2 BPSK	270	0		17.35			
100	QPSK	1	1		16.68		18.5	0.0
100	QPSK	1	137		17.35			
100	QPSK	1	271		17.30			
100	QPSK	135	0		17.40		18.5	0.0
100	QPSK	135	69		17.32			
100	QPSK	135	138		17.29			
100	QPSK	270	0		17.31		18.5	0.0
100	16QAM	1	1		17.28		18.5	0.0
100	64QAM	1	1		17.39		18.5	0.0
100	256QAM	1	1		16.43		18.5	0.0
Channel				632000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.31	17.27	17.16	18.5	0.0
Channel				632032	633332	634032	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495.01	3499.98	3515		
80	QPSK	1	1	17.29	17.13	17.28	18.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495.03	3499.98	3514.99		
70	QPSK	1	1	17.16	17.19	17.25	18.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3519.99		
60	QPSK	1	1	17.18	17.12	17.21	18.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.18	17.12	17.22	18.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.31	17.12	17.19	18.5	0.0
Channel				631002	633332	635664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.13	17.30	17.13	18.5	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.01	3499.98	3537.48		
25	QPSK	1	1	17.23	17.32	17.23	18.5	0.0
Channel				630008	633332	636009	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3440.02	3499.98	3540		
20	QPSK	1	1	17.18	17.29	17.28	18.5	0.0
Channel				629350	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3417.5	3499.98	3582.48		
15	QPSK	1	1	17.19	17.27	17.17	18.5	0.0
Channel				628334	633332	638332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3499.98	3544.98		
10	QPSK	1	1	17.01	17.07	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.74		18.5	0.0
100	PI/2 BPSK	1	137		17.63			
100	PI/2 BPSK	1	271		17.68			
100	PI/2 BPSK	135	0		17.59		18.5	0.0
100	PI/2 BPSK	135	69		17.60		18.5	0.0
100	PI/2 BPSK	135	138		17.74		18.5	0.0
100	PI/2 BPSK	270	0		17.72			
100	QPSK	1	1		16.73		18.5	0.0
100	QPSK	1	137		17.82			
100	QPSK	1	271		17.80			
100	QPSK	135	0		17.70		18.5	0.0
100	QPSK	135	69		17.83			
100	QPSK	135	138		17.62			
100	QPSK	270	0		17.71		18.5	0.0
100	16QAM	1	1		17.66		18.5	0.0
100	64QAM	1	1		17.75		18.5	0.0
100	256QAM	1	1		17.07		18.5	0.0
Channel				649668	650332	653332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3750	3754.98		
90	QPSK	1	1	17.49	17.38	17.51	18.5	0.0
Channel				649334	650000	652665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	17.55	17.60	17.45	18.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3739	3750	3761	(dBm)	(dB)
70	QPSK	1	1	17.62	17.55	17.47	18.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	17.52	17.38	17.47	18.5	0.0
Channel				648334	650000	651665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3726.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	17.43	17.65	17.53	18.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.53	17.50	17.54	18.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	17.46	17.50	17.44	18.5	0.0
Channel				647334	650000	652665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	17.44	17.51	17.50	18.5	0.0
Channel				647334	650000	652665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3716.01	3750	3783.99	(dBm)	(dB)
20	QPSK	1	1	17.51	17.48	17.35	18.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	17.52	17.47	17.44	18.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	17.41	17.47	17.34	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.81		19.5	0.0
100	PI/2 BPSK	1	137		18.48			
100	PI/2 BPSK	1	271		17.70			
100	PI/2 BPSK	135	0		17.93		19.0	0.5
100	PI/2 BPSK	135	69		18.46		19.5	0.0
100	PI/2 BPSK	135	138		17.80		19.0	0.5
100	PI/2 BPSK	270	0		17.73			
100	QPSK	1	1		17.80		19.5	0.0
100	QPSK	1	137		18.56			
100	QPSK	1	271		17.64			
100	QPSK	135	0		17.31		19.5	0.0
100	QPSK	135	69		18.41			
100	QPSK	135	138		17.26			
100	QPSK	270	0		17.16		18.5	1.0
100	16QAM	1	1		16.50		18.5	1.0
100	64QAM	1	1		15.04		17.0	2.5
100	256QAM	1	1		13.56		15.0	4.5
Channel				632000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.42	18.42	18.49	19.5	0.0
Channel				632032	633332	634032	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495.01	3499.98	3515		
80	QPSK	1	1	18.45	18.53	18.38	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495.03	3499.98	3514.99	(dBm)	(dB)
70	QPSK	1	1	18.43	18.47	18.41	19.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.49	18.42	18.33	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.44	18.46	18.47	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.43	18.37	18.34	19.5	0.0
Channel				631002	633332	635664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.33	18.40	18.54	19.5	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.01	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.42	18.42	18.43	19.5	0.0
Channel				630008	633332	636009	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3440.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.44	18.50	18.37	19.5	0.0
Channel				629350	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3417.5	3499.98	3582.48	(dBm)	(dB)
15	QPSK	1	1	18.43	18.49	18.35	19.5	0.0
Channel				628334	633332	638332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.42	18.43	18.37	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.10		19.5	0.0
100	PI/2 BPSK	1	137		18.06			
100	PI/2 BPSK	1	271		17.16			
100	PI/2 BPSK	135	0		17.33		19.0	0.5
100	PI/2 BPSK	135	69		18.01		19.5	0.0
100	PI/2 BPSK	135	138		17.20		19.0	0.5
100	PI/2 BPSK	270	0		17.23			
100	QPSK	1	1		17.12		19.5	0.0
100	QPSK	1	137		18.11			
100	QPSK	1	271		17.08			
100	QPSK	135	0		16.67		19.5	0.0
100	QPSK	135	69		17.98			
100	QPSK	135	138		16.60			
100	QPSK	270	0		16.65		18.5	1.0
100	16QAM	1	1		15.86		18.5	1.0
100	64QAM	1	1		14.32		17.0	2.5
100	256QAM	1	1		12.90		15.0	4.5
Channel				649668	650332	653332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3750	3754.98		
90	QPSK	1	1	17.87	17.98	17.95	19.5	0.0
Channel				649334	650000	652665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	17.96	17.96	17.90	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3739	3750	3761	(dBm)	(dB)
70	QPSK	1	1	17.95	18.06	17.89	19.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	17.97	18.01	17.80	19.5	0.0
Channel				648334	650000	651665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3726.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	17.92	17.99	17.89	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.88	17.90	17.85	19.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	17.87	17.98	17.85	19.5	0.0
Channel				647334	650000	652665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	17.98	18.01	17.85	19.5	0.0
Channel				647334	650000	652665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3716.01	3750	3783.99	(dBm)	(dB)
20	QPSK	1	1	17.99	17.98	17.87	19.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	18.02	18.04	17.87	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	18.01	17.88	17.76	19.5	0.0

Reduced Power Mode for Sensor On

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				376000	376000	376000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	20.18	20.06	19.88	21.5	0.0
40	PI/2 BPSK	1	108	20.13	20.17	20.01		
40	PI/2 BPSK	1	214	20.10	20.10	20.01		
40	PI/2 BPSK	108	0	20.11	20.05	19.90	21.5	0.0
40	PI/2 BPSK	108	54	20.17	20.11	19.88	21.5	0.0
40	PI/2 BPSK	108	108	20.10	20.09	19.87	21.5	0.0
40	PI/2 BPSK	216	0	20.14	20.10	19.93		
40	QPSK	1	1	20.19	20.20	20.02	21.5	0.0
40	QPSK	1	108	20.09	20.10	19.99		
40	QPSK	1	214	20.11	20.12	20.01		
40	QPSK	108	0	19.95	20.02	19.94	21.5	0.0
40	QPSK	108	54	20.04	20.05	19.95	21.5	0.0
40	QPSK	108	108	19.90	19.91	19.87	21.5	0.0
40	QPSK	216	0	19.90	19.99	19.81		
40	16QAM	1	1	20.01	20.04	19.81	21.5	0.0
40	64QAM	1	1	19.99	20.04	19.82	21.5	0.0
40	256QAM	1	1	19.13	19.19	19.06	19.5	2.0
Channel				375000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	19.93	20.03	19.89	21.5	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	19.89	20.04	19.88	21.5	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	19.89	19.92	19.90	21.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.97	19.95	19.94	21.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.94	20.03	19.81	21.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.93	19.95	19.80	21.5	0.0

n2(Other PA)_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				376000	376000	376000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	19.64	19.64	19.52	21.5	0.0
40	PI/2 BPSK	1	108	19.69	19.69	19.62		
40	PI/2 BPSK	1	214	19.67	19.75	19.62		
40	PI/2 BPSK	108	0	19.75	19.64	19.63	21.5	0.0
40	PI/2 BPSK	108	54	19.70	19.69	19.58	21.5	0.0
40	PI/2 BPSK	108	108	19.65	19.75	19.60	21.5	0.0
40	PI/2 BPSK	216	0	19.71	19.72	19.62		
40	QPSK	1	1	19.75	19.77	19.66	21.5	0.0
40	QPSK	1	108	19.73	19.66	19.58		
40	QPSK	1	214	19.73	19.74	19.62		
40	QPSK	108	0	19.66	19.71	19.50	21.5	0.0
40	QPSK	108	54	19.66	19.75	19.60	21.5	0.0
40	QPSK	108	108	19.57	19.63	19.54	21.5	0.0
40	QPSK	216	0	19.66	19.71	19.56		
40	16QAM	1	1	19.67	19.73	19.53	21.5	0.0
40	64QAM	1	1	19.64	19.70	19.59	21.5	0.0
40	256QAM	1	1	18.85	18.97	18.92	19.5	2.0
Channel				375000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	19.58	19.62	19.50	21.5	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	19.62	19.62	19.56	21.5	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	19.66	19.68	19.56	21.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.57	19.73	19.47	21.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.59	19.65	19.55	21.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.62	19.60	19.56	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	22.41	22.43	22.34	24.0	0.0
20	PI/2 BPSK	1	53	22.44	22.45	22.31		
20	PI/2 BPSK	1	104	22.11	22.23	22.11		
20	PI/2 BPSK	50	0	22.50	22.53	22.52	23.5	0.5
20	PI/2 BPSK	50	28	22.45	22.51	22.45	24.0	0.0
20	PI/2 BPSK	50	56	22.45	22.49	22.42	23.5	0.5
20	PI/2 BPSK	100	0	22.28	22.36	22.21		
20	QPSK	1	1	22.62	22.68	22.53	24.0	0.0
20	QPSK	1	53	22.57	22.66	22.57		
20	QPSK	1	104	22.15	22.28	22.16		
20	QPSK	50	0	22.41	22.55	22.43	23.0	1.0
20	QPSK	50	28	22.50	22.64	22.52	24.0	0.0
20	QPSK	50	56	22.49	22.63	22.58	23.0	1.0
20	QPSK	100	0	22.46	22.55	22.54		
20	16QAM	1	1	21.93	22.08	21.98	23.0	1.0
20	64QAM	1	1	20.01	20.05	20.03	21.5	2.5
20	256QAM	1	1	18.30	18.43	18.38	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.55	22.43	22.46	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.54	22.53	22.41	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.55	22.54	22.35	24.0	0.0

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.25	18.31	18.27	20.0	0.0
50	PI/2 BPSK	1	135	18.27	18.27	18.18		
50	PI/2 BPSK	1	268	18.13	18.28	18.17		
50	PI/2 BPSK	135	0	18.18	18.28	18.25	20.0	0.0
50	PI/2 BPSK	135	68	18.24	18.23	18.25	20.0	0.0
50	PI/2 BPSK	135	135	18.17	18.29	18.24	20.0	0.0
50	PI/2 BPSK	270	0	18.21	18.27	18.28		
50	QPSK	1	1	18.28	18.34	18.29	20.0	0.0
50	QPSK	1	135	18.25	18.33	18.14		
50	QPSK	1	268	18.25	18.24	18.28		
50	QPSK	135	0	18.20	18.21	18.12	20.0	0.0
50	QPSK	135	68	18.22	18.33	18.16	20.0	0.0
50	QPSK	135	135	18.18	18.32	18.03	20.0	0.0
50	QPSK	270	0	18.21	18.22	18.03		
50	16QAM	1	1	18.14	18.25	18.13	20.0	0.0
50	64QAM	1	1	18.09	18.20	18.07	20.0	0.0
50	256QAM	1	1	18.28	18.30	18.18	19.5	0.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.13	18.30	18.14	20.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.13	18.25	18.15	20.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.15	18.23	18.14	20.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.09	18.29	18.09	20.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.07	18.22	18.04	20.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.16	18.29	18.10	20.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.19	18.20	18.02	20.0	0.0

n7(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.05	19.09	18.88	20.0	0.0
50	PI/2 BPSK	1	135	19.04	19.11	18.90		
50	PI/2 BPSK	1	268	19.11	19.11	18.83		
50	PI/2 BPSK	135	0	19.02	19.08	18.87	20.0	0.0
50	PI/2 BPSK	135	68	19.10	19.07	18.95	20.0	0.0
50	PI/2 BPSK	135	135	18.97	19.09	18.88	20.0	0.0
50	PI/2 BPSK	270	0	19.06	19.03	18.95		
50	QPSK	1	1	19.12	19.13	18.97	20.0	0.0
50	QPSK	1	135	19.09	19.12	18.95		
50	QPSK	1	268	19.08	19.09	18.89		
50	QPSK	135	0	18.89	18.98	18.90	20.0	0.0
50	QPSK	135	68	19.03	19.10	18.94	20.0	0.0
50	QPSK	135	135	19.02	19.08	18.84	20.0	0.0
50	QPSK	270	0	18.95	19.05	18.87		
50	16QAM	1	1	18.92	19.07	18.85	20.0	0.0
50	64QAM	1	1	18.90	19.02	18.87	20.0	0.0
50	256QAM	1	1	18.66	18.80	18.69	19.5	0.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.88	19.04	18.91	20.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.89	19.01	18.93	20.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.91	18.95	18.79	20.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.91	18.98	18.80	20.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.95	18.99	18.85	20.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.93	18.98	18.90	20.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.95	19.08	18.84	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	13.79	13.93	13.82	15.5	0.0
50	PI/2 BPSK	1	135	13.69	13.86	13.81		
50	PI/2 BPSK	1	268	13.73	13.95	13.89		
50	PI/2 BPSK	135	0	13.74	13.89	13.89	15.5	0.0
50	PI/2 BPSK	135	68	13.79	13.96	13.90	15.5	0.0
50	PI/2 BPSK	135	135	13.68	13.95	13.83	15.5	0.0
50	PI/2 BPSK	270	0	13.76	13.86	13.95		
50	QPSK	1	1	13.85	13.98	13.96	15.5	0.0
50	QPSK	1	135	13.75	13.85	13.87		
50	QPSK	1	268	13.75	13.97	13.90		
50	QPSK	135	0	13.63	13.83	13.76	15.5	0.0
50	QPSK	135	68	13.67	13.96	13.83	15.5	0.0
50	QPSK	135	135	13.52	13.84	13.74	15.5	0.0
50	QPSK	270	0	13.63	13.95	13.81		
50	16QAM	1	1	13.63	13.89	13.73	15.5	0.0
50	64QAM	1	1	13.61	13.87	13.72	15.5	0.0
50	256QAM	1	1	13.61	13.93	13.68	15.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	13.59	13.87	13.68	15.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	13.60	13.84	13.76	15.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	13.55	13.93	13.79	15.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	13.56	13.91	13.75	15.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	13.60	13.87	13.78	15.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	13.59	13.91	13.76	15.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	13.59	13.85	13.81	15.5	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				164000	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.39	22.41	22.35	24.0	0.0
20	PI/2 BPSK	1	53	22.34	22.40	22.36		
20	PI/2 BPSK	1	104	22.35	22.42	22.37		
20	PI/2 BPSK	50	0	22.48	22.52	22.41	23.5	0.5
20	PI/2 BPSK	50	28	22.41	22.48	22.43	24.0	0.0
20	PI/2 BPSK	50	56	22.48	22.54	22.46	23.5	0.5
20	PI/2 BPSK	100	0	22.52	22.61	22.46		
20	QPSK	1	1	22.71	22.76	22.63	24.0	0.0
20	QPSK	1	53	22.41	22.49	22.34		
20	QPSK	1	104	22.20	22.34	22.19		
20	QPSK	50	0	22.34	22.36	22.33	23.0	1.0
20	QPSK	50	28	22.44	22.46	22.43	24.0	0.0
20	QPSK	50	56	22.41	22.40	22.39	23.0	1.0
20	QPSK	100	0	22.36	22.47	22.34		
20	16QAM	1	1	22.04	22.14	21.99	23.0	1.0
20	64QAM	1	1	20.92	21.05	21.03	21.5	2.5
20	256QAM	1	1	18.54	18.63	18.62	19.5	4.5
Channel				164500	166350	168500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.57	22.69	22.49	24.0	0.0
Channel				163500	166350	169500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.58	22.66	22.53	24.0	0.0
Channel				163000	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.58	22.75	22.48	24.0	0.0

n66_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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	21.36	21.26	21.27	23.0	0.0
45	PI/2 BPSK	1	122	21.20	21.38	21.21		
45	PI/2 BPSK	1	243	21.31	21.35	21.20		
45	PI/2 BPSK	120	0	21.41	21.26	21.30	23.0	0.0
45	PI/2 BPSK	120	60	21.15	21.39	21.32	23.0	0.0
45	PI/2 BPSK	120	122	21.28	21.24	21.38	23.0	0.0
45	PI/2 BPSK	243	0	21.21	21.30	21.24		
45	QPSK	1	1	21.43	21.46	21.35	23.0	0.0
45	QPSK	1	122	21.21	21.35	21.27		
45	QPSK	1	243	21.21	21.45	21.30		
45	QPSK	120	0	21.20	21.31	21.21	23.0	0.0
45	QPSK	120	60	21.36	21.40	21.32	23.0	0.0
45	QPSK	120	122	21.28	21.24	21.17	23.0	0.0
45	QPSK	243	0	21.19	21.39	21.32		
45	16QAM	1	1	21.30	21.42	21.21	23.0	0.0
45	64QAM	1	1	20.17	20.22	20.31	21.5	1.5
45	256QAM	1	1	18.98	19.14	19.05	19.5	3.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.30	21.39	21.38	23.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.42	21.46	21.40	23.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.24	21.32	21.41	23.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.24	21.36	21.23	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.23	21.23	21.18	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.29	21.28	21.29	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.18	21.37	21.22	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.21	21.29	21.39	23.0	0.0

n66(Other PA)_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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	21.55	21.72	21.61	23.0	0.0
45	PI/2 BPSK	1	122	21.61	21.68	21.62		
45	PI/2 BPSK	1	243	21.63	21.77	21.51		
45	PI/2 BPSK	120	0	21.59	21.70	21.61	23.0	0.0
45	PI/2 BPSK	120	60	21.65	21.77	21.59	23.0	0.0
45	PI/2 BPSK	120	122	21.58	21.75	21.63	23.0	0.0
45	PI/2 BPSK	243	0	21.66	21.77	21.57		
45	QPSK	1	1	21.69	21.80	21.65	23.0	0.0
45	QPSK	1	122	21.57	21.79	21.58		
45	QPSK	1	243	21.67	21.65	21.56		
45	QPSK	120	0	21.41	21.70	21.50	23.0	0.0
45	QPSK	120	60	21.55	21.73	21.58	23.0	0.0
45	QPSK	120	122	21.44	21.63	21.50	23.0	0.0
45	QPSK	243	0	21.50	21.71	21.53		
45	16QAM	1	1	21.43	21.62	21.45	23.0	0.0
45	64QAM	1	1	20.41	20.53	20.47	21.5	1.5
45	256QAM	1	1	19.21	19.30	19.28	19.5	3.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.50	21.61	21.59	23.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.43	21.64	21.54	23.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.53	21.61	21.55	23.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.42	21.69	21.56	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.41	21.59	21.46	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.50	21.58	21.57	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.45	21.67	21.44	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.49	21.72	21.51	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	16.68	16.83	16.81	18.5	0.0
45	PI/2 BPSK	1	122	16.68	16.75	16.71		
45	PI/2 BPSK	1	243	16.70	16.80	16.85		
45	PI/2 BPSK	120	0	16.82	16.81	16.80	18.5	0.0
45	PI/2 BPSK	120	60	16.69	16.85	16.61	18.5	0.0
45	PI/2 BPSK	120	122	16.68	16.65	16.66	18.5	0.0
45	PI/2 BPSK	243	0	16.72	16.67	16.72		
45	QPSK	1	1	16.73	16.87	16.75	18.5	0.0
45	QPSK	1	122	16.77	16.76	16.72		
45	QPSK	1	243	16.70	16.81	16.61		
45	QPSK	120	0	16.75	16.78	16.69	18.5	0.0
45	QPSK	120	60	16.76	16.82	16.74	18.5	0.0
45	QPSK	120	122	16.61	16.75	16.69	18.5	0.0
45	QPSK	243	0	16.71	16.80	16.74		
45	16QAM	1	1	16.77	16.82	16.78	18.5	0.0
45	64QAM	1	1	16.62	16.79	16.79	18.5	0.0
45	256QAM	1	1	16.81	16.78	16.78	18.5	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	16.78	16.79	16.60	18.5	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	16.56	16.63	16.52	18.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.56	16.59	16.60	18.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.56	16.53	16.52	18.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.52	16.64	16.59	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	16.58	16.59	16.53	18.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.66	16.71	16.58	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	16.62	16.53	16.51	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.55	20.66	20.42	22.0	0.0
40	PI/2 BPSK	1	53	20.46	20.54	20.30		
40	PI/2 BPSK	1	104	20.53	20.59	20.39		
40	PI/2 BPSK	50	0	20.49	20.62	20.42	22.0	0.0
40	PI/2 BPSK	50	29	20.59	20.57	20.40	22.0	0.0
40	PI/2 BPSK	50	56	20.55	20.61	20.37	22.0	0.0
40	PI/2 BPSK	100	0	20.50	20.53	20.32		
40	QPSK	1	1	20.50	20.76	20.39	22.0	0.0
40	QPSK	1	53	20.43	20.79	20.54		
40	QPSK	1	104	20.53	20.75	20.39		
40	QPSK	50	0	20.52	20.65	20.31	22.0	0.0
40	QPSK	50	29	20.61	20.68	20.43		
40	QPSK	50	56	20.48	20.64	20.37		
40	QPSK	100	0	20.53	20.55	20.39	22.0	0.0
40	16QAM	1	1	20.53	20.56	20.34	22.0	0.0
40	64QAM	1	1	20.07	20.16	20.19	21.5	0.5
40	256QAM	1	1	18.95	19.11	18.93	19.5	2.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.55	20.53	20.41	22.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.48	20.61	20.30	22.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.50	20.53	20.41	22.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.55	20.67	20.39	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	20.52	20.62	20.34	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	12.75	12.72	12.72	14.5	0.0
40	PI/2 BPSK	1	53	12.62	12.61	12.73		
40	PI/2 BPSK	1	104	12.71	12.61	12.74		
40	PI/2 BPSK	50	0	12.66	12.61	12.68	14.5	0.0
40	PI/2 BPSK	50	29	12.68	12.60	12.69	14.5	0.0
40	PI/2 BPSK	50	56	12.62	12.76	12.69	14.5	0.0
40	PI/2 BPSK	100	0	12.64	12.71	12.73		
40	QPSK	1	1	12.79	12.60	12.82	14.5	0.0
40	QPSK	1	53	12.82	12.63	12.84		
40	QPSK	1	104	12.72	12.91	12.80		
40	QPSK	50	0	12.76	12.70	12.63	14.5	0.0
40	QPSK	50	29	12.77	12.63	12.77		
40	QPSK	50	56	12.69	12.68	12.72		
40	QPSK	100	0	12.71	12.79	12.67	14.5	0.0
40	16QAM	1	1	12.76	12.77	12.67	14.5	0.0
40	64QAM	1	1	12.69	12.79	12.68	14.5	0.0
40	256QAM	1	1	12.73	12.73	12.76	14.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	12.69	12.81	12.72	14.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	12.76	12.68	12.70	14.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	12.73	12.75	12.68	14.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	12.67	12.77	12.65	14.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	12.68	12.68	12.67	14.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	516598	526000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.48	20.55	20.56	22.0	0.0
100	PI/2 BPSK	1	137	20.49	20.56	20.56		
100	PI/2 BPSK	1	271	20.48	20.66	20.48		
100	PI/2 BPSK	135	0	20.50	20.60	20.48	22.0	0.0
100	PI/2 BPSK	135	69	20.58	20.68	20.53	22.0	0.0
100	PI/2 BPSK	135	138	20.47	20.62	20.55	22.0	0.0
100	PI/2 BPSK	270	0	20.57	20.60	20.56		
100	QPSK	1	1	20.69	20.73	20.50	22.0	0.0
100	QPSK	1	137	20.73	20.82	20.55		
100	QPSK	1	271	20.61	20.80	20.63		
100	QPSK	135	0	20.50	20.63	20.49	22.0	0.0
100	QPSK	135	69	20.60	20.70	20.51		
100	QPSK	135	138	20.45	20.56	20.52		
100	QPSK	270	0	20.49	20.58	20.53	22.0	0.0
100	16QAM	1	1	20.59	20.63	20.52	22.0	0.0
100	64QAM	1	1	20.60	20.61	20.77	21.5	0.5
100	256QAM	1	1	19.08	19.02	19.15	19.5	2.5
Channel				508200	516598	526995	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.58	20.56	20.50	22.0	0.0
Channel				507204	516598	526998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.53	20.56	20.46	22.0	0.0
Channel				506202	516598	527595	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.56	20.63	20.47	22.0	0.0
Channel				505200	516598	528192	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.56	20.65	20.59	22.0	0.0
Channel				504204	516598	529398	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.54	20.67	20.54	22.0	0.0
Channel				503202	516598	534595	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.48	20.68	20.47	22.0	0.0
Channel				502704	516598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	20.35	20.45	20.37	22.0	0.0
Channel				502200	516598	534995	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.57	20.57	20.58	22.0	0.0
Channel				501204	516598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.57	20.61	20.57	22.0	0.0
Channel				500202	516598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.48	20.58	20.53	22.0	0.0
Channel				500202	516598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.46	20.68	20.54	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	516598	526000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	12.53	12.80	12.70	14.5	0.0
100	PI/2 BPSK	1	137	12.59	12.81	12.74		
100	PI/2 BPSK	1	271	12.60	12.87	12.72		
100	PI/2 BPSK	135	0	12.61	12.90	12.75	14.5	0.0
100	PI/2 BPSK	135	69	12.53	12.89	12.64	14.5	0.0
100	PI/2 BPSK	135	138	12.55	12.84	12.73	14.5	0.0
100	PI/2 BPSK	270	0	12.62	12.83	12.67		
100	QPSK	1	1	12.77	12.88	12.80	14.5	0.0
100	QPSK	1	137	12.79	12.95	12.83		
100	QPSK	1	271	12.72	12.88	12.81		
100	QPSK	135	0	12.63	12.87	12.78	14.5	0.0
100	QPSK	135	69	12.65	12.92	12.75		
100	QPSK	135	138	12.61	12.83	12.71		
100	QPSK	270	0	12.55	12.78	12.76	14.5	0.0
100	16QAM	1	1	12.54	12.88	12.78	14.5	0.0
100	64QAM	1	1	12.54	12.88	12.74	14.5	0.0
100	256QAM	1	1	12.62	12.88	12.76	14.5	0.0
Channel				508200	516598	526995	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	12.61	12.77	12.77	14.5	0.0
Channel				507204	516598	526998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	12.61	12.86	12.67	14.5	0.0
Channel				506202	516598	527595	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	12.64	12.89	12.65	14.5	0.0
Channel				505200	516598	528192	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	12.69	12.90	12.71	14.5	0.0
Channel				504204	516598	529398	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	12.55	12.82	12.68	14.5	0.0
Channel				503202	516598	534595	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	12.56	12.87	12.66	14.5	0.0
Channel				502704	516598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	12.59	12.78	12.65	14.5	0.0
Channel				502200	516598	534995	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	12.56	12.86	12.66	14.5	0.0
Channel				501204	516598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	12.56	12.87	12.67	14.5	0.0
Channel				500202	516598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	12.55	12.90	12.66	14.5	0.0
Channel				500202	516598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	12.54	12.78	12.64	14.5	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					633332			
Frequency (MHz)					3498.98			
100	PI/2 BPSK	1	1		12.18		14.0	0.0
100	PI/2 BPSK	1	137		12.24			
100	PI/2 BPSK	1	271		12.22			
100	PI/2 BPSK	135	0		12.19		14.0	0.0
100	PI/2 BPSK	135	69		12.27		14.0	0.0
100	PI/2 BPSK	135	138		12.20		14.0	0.0
100	PI/2 BPSK	270	0		12.24			
100	QPSK	1	1		12.34		14.0	0.0
100	QPSK	1	137		12.42			
100	QPSK	1	271		12.37			
100	QPSK	135	0		12.26		14.0	0.0
100	QPSK	135	69		12.31			
100	QPSK	135	138		12.26			
100	QPSK	270	0		12.29		14.0	0.0
100	16QAM	1	1		12.20		14.0	0.0
100	64QAM	1	1		12.25		14.0	0.0
100	256QAM	1	1		12.19		14.0	0.0
Channel				633000	633332	633665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3498.98	3504.96		
90	QPSK	1	1	12.22	12.40	12.31	14.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3498.98	3510		
80	QPSK	1	1	12.29	12.38	12.39	14.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3498.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	12.24	12.32	12.37	14.0	0.0
Channel				632000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3498.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	12.24	12.35	12.35	14.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3498.98	3525	(dBm)	(dB)
50	QPSK	1	1	12.21	12.36	12.33	14.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3498.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	12.22	12.27	12.39	14.0	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3498.98	3534.96	(dBm)	(dB)
30	QPSK	1	1	12.27	12.31	12.30	14.0	0.0
Channel				630664	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.31	3498.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	12.29	12.31	12.33	14.0	0.0
Channel				630668	633332	636002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3498.98	3540	(dBm)	(dB)
20	QPSK	1	1	12.25	12.40	12.36	14.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3498.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	12.16	12.36	12.34	14.0	0.0
Channel				630000	633332	636665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3498.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	12.18	12.40	12.30	14.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	12.15	12.45	12.25	14.0	0.0
100	PI/2 BPSK	1	137	12.20	12.43	12.28		
100	PI/2 BPSK	1	271	12.25	12.49	12.36		
100	PI/2 BPSK	135	0	12.27	12.45	12.30	14.0	0.0
100	PI/2 BPSK	135	69	12.19	12.41	12.24	14.0	0.0
100	PI/2 BPSK	135	138	12.15	12.46	12.33	14.0	0.0
100	PI/2 BPSK	270	0	12.22	12.41	12.26		
100	QPSK	1	1	12.43	12.48	12.40	14.0	0.0
100	QPSK	1	137	12.51	12.52	12.48		
100	QPSK	1	271	12.33	12.51	12.35		
100	QPSK	135	0	12.18	12.41	12.28	14.0	0.0
100	QPSK	135	69	12.30	12.47	12.37		
100	QPSK	135	138	12.24	12.36	12.23		
100	QPSK	270	0	12.27	12.45	12.33	14.0	0.0
100	16QAM	1	1	12.26	12.37	12.31	14.0	0.0
100	64QAM	1	1	12.20	12.34	12.32	14.0	0.0
100	256QAM	1	1	12.20	12.33	12.26	14.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	12.26	12.44	12.34	14.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	12.19	12.40	12.23	14.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3945	(dBm)	(dB)
70	QPSK	1	1	12.20	12.37	12.30	14.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	12.18	12.34	12.29	14.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	12.29	12.42	12.34	14.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3840	3960	(dBm)	(dB)
40	QPSK	1	1	12.23	12.45	12.25	14.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	12.20	12.39	12.29	14.0	0.0
Channel				647330	656000	664665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3987.5	(dBm)	(dB)
25	QPSK	1	1	12.24	12.44	12.35	14.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3989.99	(dBm)	(dB)
20	QPSK	1	1	12.26	12.43	12.35	14.0	0.0
Channel				647018	656000	664982	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	12.23	12.36	12.27	14.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	12.21	12.32	12.30	14.0	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					633332			
Frequency (MHz)					3498.98			
100	PI/2 BPSK	1	1		12.27		13.5	0.0
100	PI/2 BPSK	1	137		12.26			
100	PI/2 BPSK	1	271		12.32			
100	PI/2 BPSK	135	0		12.24		13.5	0.0
100	PI/2 BPSK	135	69		12.29		13.5	0.0
100	PI/2 BPSK	135	138		12.33		13.5	0.0
100	PI/2 BPSK	270	0		12.22			
100	QPSK	1	1		12.29		13.5	0.0
100	QPSK	1	137		12.40			
100	QPSK	1	271		12.30			
100	QPSK	135	0		12.28		13.5	0.0
100	QPSK	135	69		12.35			
100	QPSK	135	138		12.25			
100	QPSK	270	0		12.24		13.5	0.0
100	16QAM	1	1		12.27		13.5	0.0
100	64QAM	1	1		12.25		13.5	0.0
100	256QAM	1	1		12.22		13.5	0.0
Channel				633000	633332	633665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3498.98	3504.96	(dBm)	(dB)
90	QPSK	1	1	12.16	12.18	12.28	13.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3498.98	3510	(dBm)	(dB)
80	QPSK	1	1	12.21	12.07	12.24	13.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3498.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	12.23	12.18	12.27	13.5	0.0
Channel				632000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3498.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	12.21	12.07	12.14	13.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3498.98	3525	(dBm)	(dB)
50	QPSK	1	1	12.26	12.10	12.25	13.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3498.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	12.27	12.07	12.15	13.5	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3498.98	3534.96	(dBm)	(dB)
30	QPSK	1	1	12.28	12.20	12.27	13.5	0.0
Channel				630664	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.31	3498.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	12.25	12.17	12.14	13.5	0.0
Channel				630668	633332	636002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3498.98	3540	(dBm)	(dB)
20	QPSK	1	1	12.19	12.06	12.22	13.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3498.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	12.19	12.08	12.23	13.5	0.0
Channel				630000	633332	636665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3498.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	12.28	12.17	12.21	13.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	12.04	11.98	12.02	13.5	0.0
100	PI/2 BPSK	1	137	11.87	12.04	12.00		
100	PI/2 BPSK	1	271	12.01	12.00	11.87		
100	PI/2 BPSK	135	0	11.94	12.04	11.96	13.5	0.0
100	PI/2 BPSK	135	69	11.97	11.97	12.01	13.5	0.0
100	PI/2 BPSK	135	138	12.08	12.12	11.84		
100	PI/2 BPSK	270	0	12.03	12.13	11.86	13.5	0.0
100	QPSK	1	1	10.90	11.12	11.04	13.5	0.0
100	QPSK	1	137	12.05	12.14	11.92		
100	QPSK	1	271	11.90	12.07	11.93		
100	QPSK	135	0	11.99	12.00	11.95	13.5	0.0
100	QPSK	135	69	12.01	12.06	11.95		
100	QPSK	135	138	11.94	12.07	11.98		
100	QPSK	270	0	11.98	12.04	12.02	13.5	0.0
100	16QAM	1	1	11.92	12.06	11.88	13.5	0.0
100	64QAM	1	1	12.00	11.98	12.05	13.5	0.0
100	256QAM	1	1	12.02	12.11	11.95	13.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	11.98	11.92	11.97	13.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	12.00	11.93	12.04	13.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3945	(dBm)	(dB)
70	QPSK	1	1	12.06	11.93	12.06	13.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	12.07	11.89	11.93	13.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	11.97	11.88	12.03	13.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3840	3960	(dBm)	(dB)
40	QPSK	1	1	12.03	12.00	11.93	13.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	11.98	11.94	11.88	13.5	0.0
Channel				647330	656000	664665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3987.5	(dBm)	(dB)
25	QPSK	1	1	11.85	11.83	11.85	13.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3989.99	(dBm)	(dB)
20	QPSK	1	1	11.83	11.84	11.86	13.5	0.0
Channel				647018	656000	664982	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	11.96	11.94	11.92	13.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	11.96	11.95	11.93	13.5	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.75			
100	PI/2 BPSK	1	137		13.87		15.0	0.0
100	PI/2 BPSK	1	271		13.80			
100	PI/2 BPSK	135	0		13.82		15.0	0.0
100	PI/2 BPSK	135	69		13.77		15.0	0.0
100	PI/2 BPSK	135	139		13.79		15.0	0.0
100	PI/2 BPSK	270	0		13.85			
100	QPSK	1	1		13.92		15.0	0.0
100	QPSK	1	137		14.00			
100	QPSK	1	271		13.86			
100	QPSK	135	0		13.85			
100	QPSK	135	69		13.89		15.0	0.0
100	QPSK	135	139		13.79			
100	QPSK	270	0		13.83		15.0	0.0
100	16QAM	1	1		13.76		15.0	0.0
100	64QAM	1	1		13.82		15.0	0.0
100	256QAM	1	1		13.81		15.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	13.79	13.64	13.69	15.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	13.77	13.65	13.75	15.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	13.83	13.63	13.73	15.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	13.74	13.73	13.74	15.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	13.75	13.68	13.67	15.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	13.80	13.63	13.72	15.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	13.79	13.59	13.77	15.0	0.0
Channel				630664	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	13.79	13.65	13.77	15.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	13.74	13.64	13.73	15.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	13.75	13.69	13.73	15.0	0.0
Channel				630004	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	13.84	13.62	13.66	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.52	14.51	14.50		
100	PI/2 BPSK	1	137	14.49	14.47	14.45	15.0	0.0
100	PI/2 BPSK	1	271	14.41	14.48	14.44		
100	PI/2 BPSK	135	0	14.43	14.49	14.52	15.0	0.0
100	PI/2 BPSK	135	69	14.49	14.44	14.38	15.0	0.0
100	PI/2 BPSK	135	138	14.49	14.56	14.38	15.0	0.0
100	PI/2 BPSK	270	0	14.49	14.56	14.45		
100	QPSK	1	1	14.53	14.47	14.36	15.0	0.0
100	QPSK	1	137	14.05	14.55	14.41		
100	QPSK	1	271	14.57	14.45	14.32		
100	QPSK	135	0	14.54	14.47	14.41	15.0	0.0
100	QPSK	135	69	14.55	14.57	14.53		
100	QPSK	135	138	14.49	14.56	14.41		
100	QPSK	270	0	14.44	14.53	14.42	15.0	0.0
100	16QAM	1	1	14.54	14.42	14.42	15.0	0.0
100	64QAM	1	1	14.50	14.44	14.45	15.0	0.0
100	256QAM	1	1	14.45	14.47	14.43	15.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	14.49	14.45	14.43	15.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	14.41	14.52	14.41	15.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.52	14.55	14.38	15.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	14.43	14.44	14.49	15.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	14.52	14.47	14.46	15.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.53	14.45	14.44	15.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	14.49	14.49	14.41	15.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	14.45	14.49	14.42	15.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	14.48	14.47	14.43	15.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	14.51	14.45	14.42	15.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.52	14.53	14.39	15.0	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.80			
100	PI/2 BPSK	1	137		18.52		19.5	0.0
100	PI/2 BPSK	1	271		17.50			
100	PI/2 BPSK	135	0		17.88		19.0	0.5
100	PI/2 BPSK	135	69		18.49		19.5	0.0
100	PI/2 BPSK	135	138		17.70		19.0	0.5
100	PI/2 BPSK	270	0		17.71			
100	QPSK	1	1		17.82		19.5	0.0
100	QPSK	1	137		18.57			
100	QPSK	1	271		17.39			
100	QPSK	135	0		17.39			
100	QPSK	135	69		18.41		19.5	0.0
100	QPSK	135	138		17.13			
100	QPSK	270	0		17.12		18.5	1.0
100	16QAM	1	1		16.53		18.5	1.0
100	64QAM	1	1		15.03		17.0	2.5
100	256QAM	1	1		13.50		15.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
99	QPSK	1	1	18.47	18.50	18.35	19.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
89	QPSK	1	1	18.40	18.50	18.37	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.44	18.56	18.29	19.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.42	18.51	18.41	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.45	18.56	18.51	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.46	18.56	18.46	19.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.48	18.47	18.42	19.5	0.0
Channel				630664	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.42	18.56	18.39	19.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.41	18.51	18.34	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.44	18.49	18.33	19.5	0.0
Channel				630004	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.39	18.48	18.31	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.98	17.11	17.09		
100	PI/2 BPSK	1	137	18.25	18.34	18.22	19.5	0.0
100	PI/2 BPSK	1	271	17.61	17.73	17.67		
100	PI/2 BPSK	135	0	17.34	17.40	17.34	19.0	0.5
100	PI/2 BPSK	135	69	18.21	18.20	18.20	19.5	0.0
100	PI/2 BPSK	135	138	17.71	17.75	17.61	19.0	0.5
100	PI/2 BPSK	270	0	17.38	17.45	17.44		
100	QPSK	1	1	17.10	17.12	17.06	19.5	0.0
100	QPSK	1	137	18.26	18.39	18.31		
100	QPSK	1	271	17.60	17.74	17.64		
100	QPSK	135	0	16.76	16.85	16.73		
100	QPSK	135	69	18.16	18.18	18.13	19.5	0.0
100	QPSK	135	138	17.06	17.14	17.00		
100	QPSK	270	0	16.62	16.53	16.62	18.5	1.0
100	16QAM	1	1	15.71	15.79	15.70	18.5	1.0
100	64QAM	1	1	14.19	14.32	14.20	17.0	2.5
100	256QAM	1	1	12.65	12.80	12.74	15.0	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.22	18.30	18.23	19.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	18.17	18.19	18.20	19.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.17	18.30	18.26	19.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	18.24	18.24	18.26	19.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	18.24	18.33	18.23	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.18	18.21	18.24	19.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.17	18.29	18.33	19.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	18.15	18.30	18.18	19.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.25	18.32	18.15	19.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	18.30	18.32	18.18	19.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.21	18.27	18.10	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					633332			
Frequency (MHz)					3498.98			
100	PI/2 BPSK	1	1		12.29		14.0	0.0
100	PI/2 BPSK	1	137		12.24			
100	PI/2 BPSK	1	271		12.28			
100	PI/2 BPSK	135	0		12.24		14.0	0.0
100	PI/2 BPSK	135	69		12.26		14.0	0.0
100	PI/2 BPSK	135	138		12.24		14.0	0.0
100	PI/2 BPSK	270	0		12.26			
100	QPSK	1	1		12.38		14.0	0.0
100	QPSK	1	137		12.40			
100	QPSK	1	271		12.25			
100	QPSK	135	0		12.30		14.0	0.0
100	QPSK	135	69		12.37			
100	QPSK	135	138		12.32			
100	QPSK	270	0		12.29		14.0	0.0
100	16QAM	1	1		12.31		14.0	0.0
100	64QAM	1	1		12.33		14.0	0.0
100	256QAM	1	1		12.33		14.0	0.0
Channel				633000	633332	633665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3498.98	3504.98		
90	QPSK	1	1	12.31	12.25	12.18	14.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3498.98	3510		
80	QPSK	1	1	12.31	12.29	12.28	14.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3498.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	12.30	12.28	12.19	14.0	0.0
Channel				632000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3498.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	12.29	12.24	12.18	14.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3498.98	3525	(dBm)	(dB)
50	QPSK	1	1	12.28	12.28	12.27	14.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3498.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	12.28	12.28	12.23	14.0	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3498.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	12.29	12.29	12.21	14.0	0.0
Channel				630664	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.01	3498.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	12.27	12.23	12.19	14.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3498.98	3540	(dBm)	(dB)
20	QPSK	1	1	12.31	12.34	12.17	14.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3498.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	12.36	12.30	12.23	14.0	0.0
Channel				630000	633332	636665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3498.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	12.26	12.33	12.20	14.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		12.23		14.0	0.0
100	PI/2 BPSK	1	137		12.18			
100	PI/2 BPSK	1	271		12.24			
100	PI/2 BPSK	135	0		12.25		14.0	0.0
100	PI/2 BPSK	135	69		12.26		14.0	0.0
100	PI/2 BPSK	135	138		12.20		14.0	0.0
100	PI/2 BPSK	270	0		12.17			
100	QPSK	1	1		12.22		14.0	0.0
100	QPSK	1	137		12.24			
100	QPSK	1	271		12.23			
100	QPSK	135	0		12.20		14.0	0.0
100	QPSK	135	69		12.32			
100	QPSK	135	138		12.30			
100	QPSK	270	0		12.19		14.0	0.0
100	16QAM	1	1		12.21		14.0	0.0
100	64QAM	1	1		12.20		14.0	0.0
100	256QAM	1	1		12.23		14.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.02	3750	3754.98		
90	QPSK	1	1	12.26	12.22	12.19	14.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	12.29	12.21	12.29	14.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	12.18	12.27	12.24	14.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	12.25	12.32	12.20	14.0	0.0
Channel				648334	650000	651665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3728.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	12.28	12.28	12.17	14.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	12.27	12.30	12.27	14.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	12.18	12.22	12.16	14.0	0.0
Channel				647000	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	12.27	12.34	12.20	14.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	12.26	12.21	12.22	14.0	0.0
Channel				647018	650000	652982	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	12.26	12.21	12.23	14.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	12.20	12.35	12.23	14.0	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					633332			
Frequency (MHz)					3498.98			
100	PI/2 BPSK	1	1		12.18		13.5	0.0
100	PI/2 BPSK	1	137		12.19			
100	PI/2 BPSK	1	271		12.17			
100	PI/2 BPSK	135	0		12.21		13.5	0.0
100	PI/2 BPSK	135	69		12.27		13.5	0.0
100	PI/2 BPSK	135	138		12.22		13.5	0.0
100	PI/2 BPSK	270	0		12.19			
100	QPSK	1	1		12.29		13.5	0.0
100	QPSK	1	137		12.31			
100	QPSK	1	271		12.25			
100	QPSK	135	0		12.19			
100	QPSK	135	69		12.28		13.5	0.0
100	QPSK	135	138		12.13			
100	QPSK	270	0		12.12		13.5	0.0
100	16QAM	1	1		12.20		13.5	0.0
100	64QAM	1	1		12.19		13.5	0.0
100	256QAM	1	1		12.27		13.5	0.0
Channel				633000	633332	633665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3498.98	3504.98		
90	QPSK	1	1	12.16	12.22	12.17	13.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3498.98	3510		
80	QPSK	1	1	12.24	12.10	12.08	13.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3498.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	12.22	12.11	12.09	13.5	0.0
Channel				632000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3498.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	12.17	12.15	12.14	13.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3498.98	3525	(dBm)	(dB)
50	QPSK	1	1	12.27	12.05	12.11	13.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3498.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	12.15	12.12	12.16	13.5	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3498.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	12.22	12.16	12.15	13.5	0.0
Channel				630664	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.01	3498.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	12.18	12.10	12.14	13.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3498.98	3540	(dBm)	(dB)
20	QPSK	1	1	12.26	12.16	12.09	13.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3498.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	12.27	12.05	12.04	13.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3498.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	12.20	12.17	12.12	13.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		11.94		13.5	0.0
100	PI/2 BPSK	1	137		11.92			
100	PI/2 BPSK	1	271		11.98			
100	PI/2 BPSK	135	0		12.05		13.5	0.0
100	PI/2 BPSK	135	69		11.99		13.5	0.0
100	PI/2 BPSK	135	138		11.99		13.5	0.0
100	PI/2 BPSK	270	0		11.97			
100	QPSK	1	1		12.01		13.5	0.0
100	QPSK	1	137		12.08			
100	QPSK	1	271		11.94			
100	QPSK	135	0		11.98			
100	QPSK	135	69		12.07		13.5	0.0
100	QPSK	135	138		11.96			
100	QPSK	270	0		12.02		13.5	0.0
100	16QAM	1	1		11.94		13.5	0.0
100	64QAM	1	1		12.04		13.5	0.0
100	256QAM	1	1		12.03		13.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.02	3750	3754.98		
90	QPSK	1	1	11.96	11.98	11.92	13.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	11.86	11.91	11.89	13.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	11.82	11.85	11.78	13.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	11.83	11.91	11.79	13.5	0.0
Channel				648334	650000	651665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3728.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	11.89	11.96	11.78	13.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	11.94	11.88	11.85	13.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	11.86	11.90	11.84	13.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	11.85	11.89	11.91	13.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	11.87	11.95	11.78	13.5	0.0
Channel				647018	650000	652982	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	11.92	11.86	11.82	13.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	11.84	11.97	11.79	13.5	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.74		15.0	0.0
100	PI/2 BPSK	1	137		13.83			
100	PI/2 BPSK	1	271		13.79			
100	PI/2 BPSK	135	0		13.86		15.0	0.0
100	PI/2 BPSK	135	69		13.82		15.0	0.0
100	PI/2 BPSK	135	138		13.73		15.0	0.0
100	PI/2 BPSK	270	0		13.82			
100	QPSK	1	1		13.85		15.0	0.0
100	QPSK	1	137		13.90			
100	QPSK	1	271		13.84			
100	QPSK	135	0		13.76		15.0	0.0
100	QPSK	135	69		13.87			
100	QPSK	135	138		13.73			
100	QPSK	270	0		13.73		15.0	0.0
100	16QAM	1	1		13.79		15.0	0.0
100	64QAM	1	1		13.73		15.0	0.0
100	256QAM	1	1		13.76		15.0	0.0
Channel				633000	633332	633665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	13.78	13.77	13.71	15.0	0.0
Channel				632868	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	13.86	13.80	13.73	15.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	13.86	13.70	13.82	15.0	0.0
Channel				632000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	13.84	13.78	13.72	15.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	13.85	13.77	13.80	15.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	13.81	13.74	13.75	15.0	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	13.77	13.78	13.81	15.0	0.0
Channel				630654	633332	636032	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.46	(dBm)	(dB)
25	QPSK	1	1	13.68	13.72	13.76	15.0	0.0
Channel				630668	633332	636002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	13.63	13.69	13.76	15.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	13.76	13.73	13.79	15.0	0.0
Channel				630000	633332	636665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	13.75	13.77	13.76	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.08		15.0	0.0
100	PI/2 BPSK	1	137		14.13			
100	PI/2 BPSK	1	271		14.03			
100	PI/2 BPSK	135	0		14.02		15.0	0.0
100	PI/2 BPSK	135	69		14.02		15.0	0.0
100	PI/2 BPSK	135	138		14.09		15.0	0.0
100	PI/2 BPSK	270	0		14.12			
100	QPSK	1	1		14.22		15.0	0.0
100	QPSK	1	137		14.31			
100	QPSK	1	271		14.23			
100	QPSK	135	0		14.15		15.0	0.0
100	QPSK	135	69		14.16			
100	QPSK	135	138		14.05			
100	QPSK	270	0		14.05		15.0	0.0
100	16QAM	1	1		14.09		15.0	0.0
100	64QAM	1	1		14.05		15.0	0.0
100	256QAM	1	1		14.07		15.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.02	3750	3751.98		
90	QPSK	1	1	14.11	14.13	14.05	15.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3753.99	(dBm)	(dB)
80	QPSK	1	1	14.06	14.09	14.02	15.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3750	3755	(dBm)	(dB)
70	QPSK	1	1	14.05	14.03	13.95	15.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3750	3756.98	(dBm)	(dB)
60	QPSK	1	1	14.04	14.05	13.99	15.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3741.01	3750	3758.99	(dBm)	(dB)
50	QPSK	1	1	14.09	13.98	13.90	15.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3750	3760	(dBm)	(dB)
40	QPSK	1	1	14.07	14.08	14.02	15.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738.02	3750	3761.98	(dBm)	(dB)
30	QPSK	1	1	14.05	14.04	14.00	15.0	0.0
Channel				647300	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3732.5	3750	3767.5	(dBm)	(dB)
25	QPSK	1	1	14.03	14.07	13.90	15.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3731.01	3750	3769.99	(dBm)	(dB)
20	QPSK	1	1	13.99	14.00	13.94	15.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3731.01	3750	3769.99	(dBm)	(dB)
15	QPSK	1	1	14.10	14.12	13.93	15.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	13.99	14.03	13.98	15.0	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.81		19.5	0.0
100	PI/2 BPSK	1	137		18.48			
100	PI/2 BPSK	1	271		17.70			
100	PI/2 BPSK	135	0		17.93		19.0	0.5
100	PI/2 BPSK	135	69		18.46		19.5	0.0
100	PI/2 BPSK	135	138		17.80		19.0	0.5
100	PI/2 BPSK	270	0		17.73			
100	QPSK	1	1		17.80		19.5	0.0
100	QPSK	1	137		18.56			
100	QPSK	1	271		17.64			
100	QPSK	135	0		17.31		19.5	0.0
100	QPSK	135	69		18.41			
100	QPSK	135	138		17.26			
100	QPSK	270	0		17.16		18.5	1.0
100	16QAM	1	1		16.50		18.5	1.0
100	64QAM	1	1		15.04		17.0	2.5
100	256QAM	1	1		13.56		15.0	4.5
Channel				633000	633332	633665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.42	18.42	18.49	19.5	0.0
Channel				632868	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.45	18.53	18.36	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.43	18.47	18.41	19.5	0.0
Channel				632000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.49	18.42	18.33	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.44	18.46	18.47	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.43	18.37	18.34	19.5	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.33	18.40	18.54	19.5	0.0
Channel				630654	633332	636032	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.46	(dBm)	(dB)
25	QPSK	1	1	18.42	18.42	18.45	19.5	0.0
Channel				630668	633332	636002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.44	18.50	18.37	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.43	18.49	18.35	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
10	QPSK	1	1	18.42	18.43	18.37	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.10		19.5	0.0
100	PI/2 BPSK	1	137		18.06			
100	PI/2 BPSK	1	271		17.16			
100	PI/2 BPSK	135	0		17.33		19.0	0.5
100	PI/2 BPSK	135	69		18.01		19.5	0.0
100	PI/2 BPSK	135	138		17.20		19.0	0.5
100	PI/2 BPSK	270	0		17.23			
100	QPSK	1	1		17.12		19.5	0.0
100	QPSK	1	137		18.11			
100	QPSK	1	271		17.09			
100	QPSK	135	0		16.67		19.5	0.0
100	QPSK	135	69		17.56			
100	QPSK	135	138		16.60			
100	QPSK	270	0		16.65		18.5	1.0
100	16QAM	1	1		15.86		18.5	1.0
100	64QAM	1	1		14.32		17.0	2.5
100	256QAM	1	1		12.90		15.0	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.02	3750	3751.98		
90	QPSK	1	1	17.87	17.98	17.95	19.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3753.99	(dBm)	(dB)
80	QPSK	1	1	17.96	17.96	17.90	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3750	3755	(dBm)	(dB)
70	QPSK	1	1	17.95	18.06	17.89	19.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3750	3756.98	(dBm)	(dB)
60	QPSK	1	1	17.97	18.01	17.80	19.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3741.01	3750	3758.99	(dBm)	(dB)
50	QPSK	1	1	17.92	17.98	17.89	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3750	3760	(dBm)	(dB)
40	QPSK	1	1	17.88	17.90	17.85	19.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738.02	3750	3761.98	(dBm)	(dB)
30	QPSK	1	1	17.87	17.98	17.85	19.5	0.0
Channel				647300	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3732.5	3750	3767.5	(dBm)	(dB)
25	QPSK	1	1	17.98	18.01	17.85	19.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3731.01	3750	3769.99	(dBm)	(dB)
20	QPSK	1	1	17.99	17.98	17.87	19.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3731.01	3750	3769.99	(dBm)	(dB)
15	QPSK	1	1	18.02	18.04	17.87	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	18.01	17.88	17.78	19.5	0.0

Reduced Power Mode for Handheld On

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	21.57	21.57	21.53	23.0	0.0
40	PI/2 BPSK	1	108	21.54	21.56	21.54		
40	PI/2 BPSK	1	214	21.50	21.58	21.48		
40	PI/2 BPSK	108	0	21.60	21.51	21.48	23.0	0.0
40	PI/2 BPSK	108	54	21.58	21.61	21.51	23.0	0.0
40	PI/2 BPSK	108	108	21.60	21.59	21.56	23.0	0.0
40	PI/2 BPSK	216	0	21.57	21.61	21.53		
40	QPSK	1	1	21.64	21.65	21.58	23.0	0.0
40	QPSK	1	108	21.63	21.59	21.53		
40	QPSK	1	214	21.55	21.55	21.44		
40	QPSK	108	0	21.48	21.43	21.36	23.0	0.0
40	QPSK	108	54	21.52	21.58	21.47	23.0	0.0
40	QPSK	108	108	21.43	21.45	21.32		
40	QPSK	216	0	21.51	21.53	21.45		
40	16QAM	1	1	21.50	21.52	21.38	23.0	0.0
40	64QAM	1	1	20.36	20.45	20.33	21.5	1.5
40	256QAM	1	1	19.12	19.13	19.13	19.5	3.5
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	21.49	21.57	21.46	23.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	21.50	21.50	21.46	23.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	21.37	21.44	21.43	23.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.45	21.50	21.32	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.51	21.55	21.38	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.45	21.46	21.33	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	21.05	21.26	21.10	23.0	0.0
40	PI/2 BPSK	1	108	21.00	21.24	21.20		
40	PI/2 BPSK	1	214	21.02	21.17	21.19		
40	PI/2 BPSK	108	0	21.05	21.25	21.09	23.0	0.0
40	PI/2 BPSK	108	54	21.04	21.22	21.15	23.0	0.0
40	PI/2 BPSK	108	108	21.06	21.14	21.08	23.0	0.0
40	PI/2 BPSK	216	0	21.04	21.19	21.18		
40	QPSK	1	1	21.28	21.36	21.27	23.0	0.0
40	QPSK	1	108	21.24	21.33	21.24		
40	QPSK	1	214	21.24	21.24	21.25		
40	QPSK	108	0	21.01	21.26	21.08	23.0	0.0
40	QPSK	108	54	21.14	21.27	21.21	23.0	0.0
40	QPSK	108	108	21.05	21.13	21.10	23.0	0.0
40	QPSK	216	0	21.01	21.20	21.14		
40	16QAM	1	1	21.05	21.22	21.17	23.0	0.0
40	64QAM	1	1	20.03	20.22	20.17	21.5	1.5
40	256QAM	1	1	18.85	18.97	18.92	19.5	3.5
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	21.16	21.30	21.25	23.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	21.24	21.29	21.19	23.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	21.28	21.35	21.13	23.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.26	21.24	21.20	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.14	21.25	21.14	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.27	21.32	21.18	23.0	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	22.41	22.43	22.34	24.0	0.0
20	PI/2 BPSK	1	53	22.44	22.45	22.31		
20	PI/2 BPSK	1	104	22.11	22.23	22.11		
20	PI/2 BPSK	50	0	22.50	22.53	22.52	23.5	0.5
20	PI/2 BPSK	50	28	22.45	22.51	22.45	24.0	0.0
20	PI/2 BPSK	50	56	22.45	22.49	22.42	23.5	0.5
20	PI/2 BPSK	100	0	22.28	22.36	22.21		
20	QPSK	1	1	22.69	22.68	22.65	24.0	0.0
20	QPSK	1	53	22.57	22.66	22.57		
20	QPSK	1	104	22.15	22.28	22.16		
20	QPSK	50	0	22.41	22.55	22.43	23.0	1.0
20	QPSK	50	28	22.30	22.64	22.52	24.0	0.0
20	QPSK	50	56	22.49	22.63	22.58	23.0	1.0
20	QPSK	100	0	22.46	22.55	22.54		
20	16QAM	1	1	21.93	22.08	21.98	23.0	1.0
20	64QAM	1	1	20.01	20.05	20.03	21.5	2.5
20	256QAM	1	1	18.30	18.43	18.38	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.55	22.43	22.46	24.0	0.0
Channel				166050	167300	168550	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.54	22.53	22.41	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.55	22.54	22.35	24.0	0.0

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.79	19.72	19.89	21.5	0.0
50	PI/2 BPSK	1	135	19.68	19.74	19.70		
50	PI/2 BPSK	1	268	19.71	19.76	19.67		
50	PI/2 BPSK	135	0	19.72	19.74	19.76	21.5	0.0
50	PI/2 BPSK	135	68	19.66	19.82	19.74	21.5	0.0
50	PI/2 BPSK	135	135	19.69	19.80	19.72	21.5	0.0
50	PI/2 BPSK	270	0	19.85	19.77	19.67		
50	QPSK	1	1	19.80	19.83	19.81	21.5	0.0
50	QPSK	1	135	19.79	19.76	19.67		
50	QPSK	1	268	19.65	19.74	19.79		
50	QPSK	135	0	19.64	19.73	19.70	21.5	0.0
50	QPSK	135	68	19.67	19.81	19.76	21.5	0.0
50	QPSK	135	135	19.57	19.66	19.69	21.5	0.0
50	QPSK	270	0	19.65	19.72	19.67		
50	16QAM	1	1	19.61	19.66	19.70	21.5	0.0
50	64QAM	1	1	19.50	19.69	19.64	21.5	0.0
50	256QAM	1	1	18.52	18.54	18.42	19.5	2.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.53	19.77	19.72	21.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.65	19.72	19.73	21.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.58	19.73	19.76	21.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	19.62	19.80	19.76	21.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.53	19.70	19.64	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.60	19.68	19.69	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.63	19.77	19.67	21.5	0.0

n7(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.50	20.47	20.55	21.5	0.0
50	PI/2 BPSK	1	135	20.48	20.49	20.50		
50	PI/2 BPSK	1	268	20.45	20.60	20.57		
50	PI/2 BPSK	135	0	20.46	20.47	20.47	21.5	0.0
50	PI/2 BPSK	135	68	20.52	20.50	20.51	21.5	0.0
50	PI/2 BPSK	135	135	20.54	20.58	20.58	21.5	0.0
50	PI/2 BPSK	270	0	20.43	20.52	20.57		
50	QPSK	1	1	20.55	20.62	20.65	21.5	0.0
50	QPSK	1	135	20.41	20.47	20.59		
50	QPSK	1	268	20.55	20.56	20.59		
50	QPSK	135	0	20.35	20.50	20.49	21.5	0.0
50	QPSK	135	68	20.46	20.60	20.53	21.5	0.0
50	QPSK	135	135	20.32	20.54	20.41	21.5	0.0
50	QPSK	270	0	20.32	20.59	20.46		
50	16QAM	1	1	20.33	20.57	20.42	21.5	0.0
50	64QAM	1	1	20.40	20.50	20.41	21.5	0.0
50	256QAM	1	1	18.66	18.80	18.89	19.5	2.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.31	20.49	20.41	21.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.38	20.49	20.38	21.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.40	20.53	20.45	21.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.37	20.58	20.45	21.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.34	20.59	20.43	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.42	20.56	20.51	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.44	20.53	20.49	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.64	19.73	19.74	21.0	0.0
50	PI/2 BPSK	1	135	19.67	19.76	19.71		
50	PI/2 BPSK	1	268	19.68	19.73	19.60		
50	PI/2 BPSK	135	0	19.68	19.67	19.60	21.0	0.0
50	PI/2 BPSK	135	68	19.69	19.78	19.60	21.0	0.0
50	PI/2 BPSK	135	135	19.59	19.68	19.67	21.0	0.0
50	PI/2 BPSK	270	0	19.69	19.68	19.74		
50	QPSK	1	1	19.77	19.84	19.75	21.0	0.0
50	QPSK	1	135	19.65	19.71	19.73		
50	QPSK	1	268	19.66	19.78	19.68		
50	QPSK	135	0	19.56	19.60	19.59	21.0	0.0
50	QPSK	135	68	19.68	19.82	19.72	21.0	0.0
50	QPSK	135	135	19.63	19.57	19.55	21.0	0.0
50	QPSK	270	0	19.62	19.70	19.68		
50	16QAM	1	1	19.65	19.68	19.57	21.0	0.0
50	64QAM	1	1	19.47	19.51	19.48	20.5	0.5
50	256QAM	1	1	18.38	18.30	18.23	18.5	2.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.67	19.70	19.65	21.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.53	19.69	19.61	21.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.61	19.66	19.62	21.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	19.66	19.71	19.61	21.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.60	19.64	19.62	21.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.54	19.61	19.65	21.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.64	19.63	19.60	21.0	0.0

n26(FCC)_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				164000	166300	167800		
Frequency (MHz)				824	831.5	839		
20	Pi/2 BPSK	1	1	22.39	22.41	22.35	24.0	0.0
20	Pi/2 BPSK	1	53	22.34	22.40	22.36		
20	Pi/2 BPSK	1	104	22.35	22.42	22.37		
20	Pi/2 BPSK	50	0	22.48	22.52	22.41	23.5	0.5
20	Pi/2 BPSK	50	28	22.41	22.48	22.43	24.0	0.0
20	Pi/2 BPSK	50	56	22.48	22.54	22.46	23.5	0.5
20	Pi/2 BPSK	100	0	22.52	22.61	22.46		
20	QPSK	1	1	22.71	22.76	22.63	24.0	0.0
20	QPSK	1	53	22.41	22.49	22.34		
20	QPSK	1	104	22.20	22.34	22.19		
20	QPSK	50	0	22.34	22.38	22.33	23.0	1.0
20	QPSK	50	28	22.44	22.46	22.43	24.0	0.0
20	QPSK	50	56	22.41	22.40	22.39	23.0	1.0
20	QPSK	100	0	22.36	22.47	22.34		
20	16QAM	1	1	22.04	22.14	21.99	23.0	1.0
20	64QAM	1	1	20.92	21.05	21.03	21.5	2.5
20	256QAM	1	1	18.54	18.83	18.62	19.5	4.5
Channel				164000	166300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.57	22.69	22.49	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.58	22.66	22.53	24.0	0.0
Channel				163500	166300	169200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.58	22.75	22.48	24.0	0.0

n66_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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	Pi/2 BPSK	1	1	22.30	22.31	22.22	24.0	0.0
45	Pi/2 BPSK	1	122	22.14	22.20	22.15		
45	Pi/2 BPSK	1	243	22.16	22.23	22.06		
45	Pi/2 BPSK	120	0	22.21	22.30	22.27	23.5	0.5
45	Pi/2 BPSK	120	60	22.23	22.30	22.20	24.0	0.0
45	Pi/2 BPSK	120	122	22.20	22.29	22.29	23.5	0.5
45	Pi/2 BPSK	243	0	22.07	22.26	22.12		
45	QPSK	1	1	22.32	22.37	22.30	24.0	0.0
45	QPSK	1	122	22.16	22.29	22.17		
45	QPSK	1	243	22.21	22.26	22.15		
45	QPSK	120	0	22.13	22.28	22.24	23.0	1.0
45	QPSK	120	60	22.25	22.32	22.28	24.0	0.0
45	QPSK	120	122	22.08	22.21	22.11	23.0	1.0
45	QPSK	243	0	22.28	22.29	22.24		
45	16QAM	1	1	21.26	21.35	21.23	23.0	1.0
45	64QAM	1	1	20.22	20.31	20.25	21.5	2.5
45	256QAM	1	1	19.06	19.07	18.98	19.5	4.5
Channel				346500	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.15	22.35	22.37	24.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.14	22.30	22.31	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.17	22.33	22.33	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.19	22.28	22.28	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.19	22.28	22.22	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.25	22.32	22.21	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.17	22.30	22.26	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.23	22.33	22.31	24.0	0.0

n66(Other PA)_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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	Pi/2 BPSK	1	1	22.56	22.62	22.42	24.0	0.0
45	Pi/2 BPSK	1	122	22.38	22.45	22.47		
45	Pi/2 BPSK	1	243	22.32	22.47	22.30		
45	Pi/2 BPSK	120	0	22.45	22.55	22.51	23.5	0.5
45	Pi/2 BPSK	120	60	22.49	22.59	22.52	24.0	0.0
45	Pi/2 BPSK	120	122	22.47	22.50	22.50	23.5	0.5
45	Pi/2 BPSK	243	0	22.28	22.47	22.41		
45	QPSK	1	1	22.59	22.65	22.51	24.0	0.0
45	QPSK	1	122	22.40	22.53	22.50		
45	QPSK	1	243	22.39	22.52	22.30		
45	QPSK	120	0	22.35	22.58	22.45	23.0	1.0
45	QPSK	120	60	22.53	22.60	22.48	24.0	0.0
45	QPSK	120	122	22.26	22.45	22.28	23.0	1.0
45	QPSK	243	0	22.51	22.53	22.46		
45	16QAM	1	1	21.56	21.60	21.46	23.0	1.0
45	64QAM	1	1	20.41	20.53	20.47	21.5	2.5
45	256QAM	1	1	19.21	19.30	19.28	19.5	4.5
Channel				346500	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.50	22.55	22.48	24.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.36	22.41	22.38	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.48	22.50	22.38	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.49	22.41	22.46	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.45	22.43	22.47	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.48	22.45	22.46	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.41	22.47	22.39	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.49	22.46	22.49	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	Pi/2 BPSK	1	1	21.27	21.15	21.21	23.0	0.0
45	Pi/2 BPSK	1	122	21.06	21.17	21.09		
45	Pi/2 BPSK	1	243	21.05	21.13	21.10		
45	Pi/2 BPSK	120	0	21.16	21.22	21.20	22.5	0.5
45	Pi/2 BPSK	120	60	21.17	21.19	21.19	23.0	0.0
45	Pi/2 BPSK	120	122	21.20	21.24	21.14	22.5	0.5
45	Pi/2 BPSK	243	0	21.06	21.13	21.03		
45	QPSK	1	1	21.28	21.32	21.24	23.0	0.0
45	QPSK	1	122	21.16	21.26	21.15		
45	QPSK	1	243	21.12	21.18	21.11		
45	QPSK	120	0	21.10	21.19	21.24	22.0	1.0
45	QPSK	120	60	21.23	21.30	21.25	23.0	0.0
45	QPSK	120	122	21.00	21.10	21.02	22.0	1.0
45	QPSK	243	0	21.23	21.29	21.18		
45	16QAM	1	1	20.34	20.32	20.24	22.0	1.0
45	64QAM	1	1	19.21	19.30	19.29	20.5	2.5
45	256QAM	1	1	18.12	18.16	18.13	18.5	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.20	21.27	21.18	23.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.18	21.25	21.22	23.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.22	21.17	21.22	23.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.05	21.06	21.00	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.22	21.13	21.16	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.14	21.23	21.22	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.28	21.13	21.22	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.00	20.96	20.87	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				518004	519000	519996		
Frequency [MHz]				2560.02	2565	2569.98		
40	PI/2 BPSK	1	1	20.55	20.66	20.42	22.0	0.0
40	PI/2 BPSK	1	53	20.46	20.54	20.30		
40	PI/2 BPSK	1	104	20.53	20.59	20.39		
40	PI/2 BPSK	50	0	20.49	20.62	20.42	22.0	0.0
40	PI/2 BPSK	50	28	20.59	20.57	20.40	22.0	0.0
40	PI/2 BPSK	50	56	20.55	20.61	20.37	22.0	0.0
40	PI/2 BPSK	100	0	20.50	20.53	20.32		
40	QPSK	1	1	20.50	20.76	20.39	22.0	0.0
40	QPSK	1	53	20.63	20.79	20.54		
40	QPSK	1	104	20.53	20.75	20.39		
40	QPSK	50	0	20.52	20.65	20.31	22.0	0.0
40	QPSK	50	28	20.61	20.68	20.43		
40	QPSK	50	56	20.48	20.64	20.37		
40	QPSK	100	0	20.53	20.55	20.39	22.0	0.0
40	16QAM	1	1	20.53	20.56	20.34	22.0	0.0
40	64QAM	1	1	20.07	20.16	20.19	21.5	0.5
40	256QAM	1	1	18.95	19.11	18.93	19.5	2.5
Channel				517002	519000	520998	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2555.01	2565	2574.99		
30	QPSK	1	1	20.55	20.53	20.41	22.0	0.0
Channel				515004	519000	523000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2542.02	2565	2587.48		
25	QPSK	1	1	20.48	20.61	20.30	22.0	0.0
Channel				516000	519000	522000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2580	2565	2610		
20	QPSK	1	1	20.50	20.53	20.41	22.0	0.0
Channel				515502	519000	522498	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2577.51	2565	2552.49		
15	QPSK	1	1	20.55	20.67	20.39	22.0	0.0
Channel				515004	519000	522996	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2575.02	2565	2554.98		
10	QPSK	1	1	20.52	20.62	20.34	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]				2560.02	2565	2569.98		
40	PI/2 BPSK	1	1	21.05	21.07	21.05	23.0	0.0
40	PI/2 BPSK	1	53	21.13	21.16	21.19		
40	PI/2 BPSK	1	104	21.05	21.06	21.07		
40	PI/2 BPSK	50	0	20.86	21.04	21.01	22.5	0.5
40	PI/2 BPSK	50	28	21.02	21.04	21.06	23.0	0.0
40	PI/2 BPSK	50	56	21.02	21.11	20.91	22.5	0.5
40	PI/2 BPSK	100	0	20.75	20.90	20.89		
40	QPSK	1	1	21.14	21.17	21.07	23.0	0.0
40	QPSK	1	53	21.21	21.30	21.14		
40	QPSK	1	104	21.05	21.06	21.11		
40	QPSK	50	0	21.05	21.07	21.05	23.0	0.0
40	QPSK	50	28	21.14	21.15	21.11		
40	QPSK	50	56	21.07	21.04	21.06		
40	QPSK	100	0	21.06	21.21	21.12	22.0	1.0
40	16QAM	1	1	20.81	21.00	20.88	22.0	1.0
40	64QAM	1	1	20.18	20.22	20.23	20.5	2.5
40	256QAM	1	1	18.27	18.32	18.30	18.5	4.5
Channel				517002	519000	520998	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2555.01	2565	2574.99		
30	QPSK	1	1	21.06	21.11	21.08	23.0	0.0
Channel				515004	519000	523000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2542.02	2565	2587.48		
25	QPSK	1	1	21.01	21.01	21.07	23.0	0.0
Channel				516000	519000	522000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2580	2565	2610		
20	QPSK	1	1	21.07	21.05	21.04	23.0	0.0
Channel				515502	519000	522498	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2577.51	2565	2552.49		
15	QPSK	1	1	21.03	21.06	21.05	23.0	0.0
Channel				515004	519000	522996	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2575.02	2565	2554.98		
10	QPSK	1	1	21.06	21.03	21.08	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				509202	518598	528000		
Frequency [MHz]				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.48	20.55	20.56	22.0	0.0
100	PI/2 BPSK	1	137	20.49	20.56	20.56		
100	PI/2 BPSK	1	271	20.48	20.66	20.48		
100	PI/2 BPSK	135	0	20.50	20.60	20.48	22.0	0.0
100	PI/2 BPSK	135	69	20.58	20.68	20.53	22.0	0.0
100	PI/2 BPSK	135	138	20.47	20.62	20.55	22.0	0.0
100	PI/2 BPSK	270	0	20.57	20.60	20.56		
100	QPSK	1	1	20.69	20.73	20.50	22.0	0.0
100	QPSK	1	137	20.73	20.82	20.65		
100	QPSK	1	271	20.61	20.80	20.63		
100	QPSK	135	0	20.50	20.63	20.49	22.0	0.0
100	QPSK	135	69	20.60	20.70	20.61		
100	QPSK	135	138	20.45	20.56	20.52		
100	QPSK	270	0	20.49	20.58	20.53	22.0	0.0
100	16QAM	1	1	20.59	20.63	20.52	22.0	0.0
100	64QAM	1	1	20.80	20.81	20.77	21.5	0.5
100	256QAM	1	1	19.08	19.02	19.15	19.5	2.5
Channel				506202	518598	530994	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2541	2592.99	2644.98		
90	QPSK	1	1	20.54	20.56	20.50	22.0	0.0
Channel				507204	518598	529992	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2542.02	2592.99	2643.96	[dBm]	[dB]
80	QPSK	1	1	20.53	20.56	20.46	22.0	0.0
Channel				508202	518598	531000	Tune-up limit	MPR
Frequency [MHz]				2543.01	2592.99	2643	[dBm]	[dB]
70	QPSK	1	1	20.56	20.63	20.47	22.0	0.0
Channel				509200	518598	531996	Tune-up limit	MPR
Frequency [MHz]				2539	2592.99	2646.98	[dBm]	[dB]
60	QPSK	1	1	20.56	20.65	20.59	22.0	0.0
Channel				504204	518598	532992	Tune-up limit	MPR
Frequency [MHz]				2521.02	2592.99	2664.99	[dBm]	[dB]
50	QPSK	1	1	20.54	20.67	20.54	22.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency [MHz]				2516.01	2592.99	2670	[dBm]	[dB]
40	QPSK	1	1	20.48	20.68	20.47	22.0	0.0
Channel				502704	518598	534495	Tune-up limit	MPR
Frequency [MHz]				2513.52	2592.99	2672.49	[dBm]	[dB]
35	QPSK	1	1	20.30	20.45	20.37	22.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency [MHz]				2511	2592.99	2674.98	[dBm]	[dB]
30	QPSK	1	1	20.57	20.57	20.56	22.0	0.0
Channel				501204	518598	535992	Tune-up limit	MPR
Frequency [MHz]				2506.02	2592.99	2679.96	[dBm]	[dB]
20	QPSK	1	1	20.57	20.61	20.57	22.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency [MHz]				2503.5	2592.99	2682.48	[dBm]	[dB]
15	QPSK	1	1	20.48	20.58	20.53	22.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency [MHz]				2501.01	2592.99	2685	[dBm]	[dB]
10	QPSK	1	1	20.46	20.68	20.54	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	20.28	20.43	20.43	23.0	0.0
100	PI/2 BPSK	1	137	21.22	21.32	21.27		
100	PI/2 BPSK	1	271	20.25	20.30	20.21		
100	PI/2 BPSK	135	0	20.51	20.59	20.65	22.5	0.5
100	PI/2 BPSK	135	69	20.68	20.86	20.72	23.0	0.0
100	PI/2 BPSK	135	138	20.60	20.62	20.70	22.5	0.5
100	PI/2 BPSK	270	0	20.56	20.74	20.65		
100	QPSK	1	1	20.35	20.46	20.47	23.0	0.0
100	QPSK	1	137	21.24	21.34	21.20		
100	QPSK	1	271	20.33	20.39	20.23		
100	QPSK	135	0	21.13	21.13	21.06	23.0	0.0
100	QPSK	135	69	21.22	21.29	21.11		
100	QPSK	135	138	21.15	21.24	21.08		
100	QPSK	270	0	20.83	21.01	20.95	22.0	1.0
100	16QAM	1	1	20.09	20.19	20.07	22.0	1.0
100	64QAM	1	1	19.99	20.02	20.07	20.5	2.5
100	256QAM	1	1	17.90	18.02	17.95	18.5	4.5
Channel				506202	518598	530994	Tune-up limit	MPR
Frequency [MHz]				2541	2592.99	2644.98	[dBm]	[dB]
90	QPSK	1	1	21.17	21.29	21.09	23.0	0.0
Channel				507204	518598	529992	Tune-up limit	MPR
Frequency [MHz]				2542.02	2592.99	2643.96	[dBm]	[dB]
80	QPSK	1	1	21.05	21.10	21.17	23.0	0.0
Channel				508202	518598	531000	Tune-up limit	MPR
Frequency [MHz]				2543.01	2592.99	2643	[dBm]	[dB]
70	QPSK	1	1	21.23	21.29	21.21	23.0	0.0
Channel				509200	518598	531996	Tune-up limit	MPR
Frequency [MHz]				2539	2592.99	2646.98	[dBm]	[dB]
60	QPSK	1	1	21.17	21.28	21.19	23.0	0.0
Channel				504204	518598	532992	Tune-up limit	MPR
Frequency [MHz]				2521.02	2592.99	2664.99	[dBm]	[dB]
50	QPSK	1	1	21.07	21.27	21.22	23.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency [MHz]				2516.01	2592.99	2670	[dBm]	[dB]
40	QPSK	1	1	21.14	21.24	21.10	23.0	0.0
Channel				502704	518598	534495	Tune-up limit	MPR
Frequency [MHz]				2513.52	2592.99	2672.49	[dBm]	[dB]
35	QPSK	1	1	21.09	21.22	21.17	23.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency [MHz]				2511	2592.99	2674.98	[dBm]	[dB]
30	QPSK	1	1	21.10	21.21	21.23	23.0	0.0
Channel				501204	518598	535992	Tune-up limit	MPR
Frequency [MHz]				2506.02	2592.99	2679.96	[dBm]	[dB]
20	QPSK	1	1	21.23	21.32	21.13	23.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency [MHz]				2503.5	2592.99	2682.48	[dBm]	[dB]
15	QPSK	1	1	21.04	21.23	21.15	23.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency [MHz]				2501.01	2592.99	2685	[dBm]	[dB]
10	QPSK	1	1	21.23	21.30	21.22	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.72		21.5	0.0
100	PI/2 BPSK	1	137		19.65			
100	PI/2 BPSK	1	271		19.68			
100	PI/2 BPSK	135	0		19.76		21.5	0.0
100	PI/2 BPSK	135	69		19.70		21.5	0.0
100	PI/2 BPSK	135	138		19.71		21.5	0.0
100	PI/2 BPSK	270	0		19.64			
100	QPSK	1	1		19.84		21.5	0.0
100	QPSK	1	137		19.86			
100	QPSK	1	271		19.81			
100	QPSK	135	0		19.80		21.5	0.0
100	QPSK	135	69		19.81			
100	QPSK	135	138		19.75			
100	QPSK	270	0		19.77		21.5	0.0
100	16QAM	1	1		19.62		21.5	0.0
100	64QAM	1	1		19.66		21.5	0.0
100	256QAM	1	1		17.57		19.5	2.0
Channel				632000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	19.73	19.65	19.67	21.5	0.0
Channel				631668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	19.69	19.52	19.64	21.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	19.67	19.61	19.58	21.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3490	3499.98	3519.98	(dBm)	(dB)
60	QPSK	1	1	19.79	19.54	19.56	21.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	19.68	19.54	19.61	21.5	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	19.56	19.58	21.5	0.0
Channel				631000	633332	635665	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	19.68	19.55	19.66	21.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	19.72	19.63	19.63	21.5	0.0
Channel				630000	633332	636665	Tune-up limit	MPR
Frequency (MHz)				3440.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	19.58	19.59	19.66	21.5	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3437.5	3499.98	3562.49	(dBm)	(dB)
15	QPSK	1	1	19.58	19.59	19.52	21.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3435.01	3499.98	3564.98	(dBm)	(dB)
10	QPSK	1	1	19.67	19.54	19.56	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				635000	636000	637000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.78	20.05	19.86	21.5	0.0
100	PI/2 BPSK	1	137	19.78	20.02	19.86		
100	PI/2 BPSK	1	271	19.74	20.02	19.82		
100	PI/2 BPSK	135	0	19.75	19.94	19.90	21.5	0.0
100	PI/2 BPSK	135	69	19.77	19.92	19.77	21.5	0.0
100	PI/2 BPSK	135	138	19.76	19.93	19.83	21.5	0.0
100	PI/2 BPSK	270	0	19.76	20.04	19.83		
100	QPSK	1	1	19.83	20.10	19.81	21.5	0.0
100	QPSK	1	137	19.93	20.14	19.91		
100	QPSK	1	271	19.79	20.09	19.94		
100	QPSK	135	0	19.75	19.99	19.81	21.5	0.0
100	QPSK	135	69	19.85	20.07	19.92		
100	QPSK	135	138	19.76	20.03	19.87		
100	QPSK	270	0	19.81	19.96	19.79	21.5	0.0
100	16QAM	1	1	19.81	20.05	19.85	21.5	0.0
100	64QAM	1	1	19.72	19.94	19.87	21.5	0.0
100	256QAM	1	1	17.26	17.19	17.14	19.5	2.0
Channel				636668	636000	635332	Tune-up limit	MPR
Frequency (MHz)				3765.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	19.70	20.02	19.83	21.5	0.0
Channel				636334	636000	635666	Tune-up limit	MPR
Frequency (MHz)				3760.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	19.81	20.04	19.89	21.5	0.0
Channel				636000	636000	635000	Tune-up limit	MPR
Frequency (MHz)				3750	3840	3945	(dBm)	(dB)
70	QPSK	1	1	19.80	19.98	19.80	21.5	0.0
Channel				636668	636000	635332	Tune-up limit	MPR
Frequency (MHz)				3765.02	3840	3934.98	(dBm)	(dB)
60	QPSK	1	1	19.72	20.03	19.81	21.5	0.0
Channel				636334	636000	635666	Tune-up limit	MPR
Frequency (MHz)				3752.51	3840	3927.49	(dBm)	(dB)
50	QPSK	1	1	19.72	20.05	19.90	21.5	0.0
Channel				636000	636000	636166	Tune-up limit	MPR
Frequency (MHz)				3740	3840	3940	(dBm)	(dB)
40	QPSK	1	1	19.75	20.03	19.78	21.5	0.0
Channel				637668	636000	634332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	19.78	19.94	19.84	21.5	0.0
Channel				637500	636000	634500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	19.76	20.04	19.88	21.5	0.0
Channel				637334	636000	634666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	19.75	19.93	19.91	21.5	0.0
Channel				637168	636000	634832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	19.74	20.02	19.79	21.5	0.0
Channel				647000	636000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	19.77	19.98	19.90	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.83		21.0	0.0
100	PI/2 BPSK	1	137		19.87			
100	PI/2 BPSK	1	271		19.80			
100	PI/2 BPSK	135	0		19.93		21.0	0.0
100	PI/2 BPSK	135	69		19.93		21.0	0.0
100	PI/2 BPSK	135	138		19.81		21.0	0.0
100	PI/2 BPSK	270	0		19.91			
100	QPSK	1	1		19.90		21.0	0.0
100	QPSK	1	137		20.00			
100	QPSK	1	271		19.93			
100	QPSK	135	0		19.85		21.0	0.0
100	QPSK	135	69		19.94			
100	QPSK	135	138		19.82			
100	QPSK	270	0		19.92		21.0	0.0
100	16QAM	1	1		19.92		21.0	0.0
100	64QAM	1	1		19.84		21.0	0.0
100	256QAM	1	1		17.32		19.5	1.5
Channel				632000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	19.88	19.80	19.82	21.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	19.93	19.87	19.87	21.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	19.85	19.87	19.84	21.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3490	3499.98	3519.98	(dBm)	(dB)
60	QPSK	1	1	19.87	19.75	19.74	21.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	19.89	19.85	19.84	21.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	19.90	19.81	19.76	21.0	0.0
Channel				631000	633332	635665	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	19.84	19.82	19.84	21.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	19.90	19.78	19.87	21.0	0.0
Channel				630000	633332	636665	Tune-up limit	MPR
Frequency (MHz)				3440.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	19.83	19.81	19.84	21.0	0.0
Channel				630000	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3437.5	3499.98	3562.49	(dBm)	(dB)
15	QPSK	1	1	19.92	19.77	19.82	21.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3435.01	3499.98	3564.98	(dBm)	(dB)
10	QPSK	1	1	19.79	19.75	19.74	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				635000	636000	637000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.53	20.44	20.47	21.0	0.0
100	PI/2 BPSK	1	137	20.45	20.46	20.50		
100	PI/2 BPSK	1	271	20.55	20.48	20.39		
100	PI/2 BPSK	135	0	20.53	20.58	20.50	21.0	0.0
100	PI/2 BPSK	135	69	20.54	20.54	20.42	21.0	0.0
100	PI/2 BPSK	135	138	20.46	20.46	20.47	21.0	0.0
100	PI/2 BPSK	270	0	20.45	20.49	20.36		
100	QPSK	1	1	20.52	20.44	20.43	21.0	0.0
100	QPSK	1	137	20.56	20.59	20.51		
100	QPSK	1	271	20.46	20.51	20.43		
100	QPSK	135	0	20.34	20.45	20.42	21.0	0.0
100	QPSK	135	69	20.42	20.48	20.44		
100	QPSK	135	138	20.37	20.41	20.36		
100	QPSK	270	0	20.36	20.45	20.37	21.0	0.0
100	16QAM	1	1	20.29	20.40	20.43	21.0	0.0
100	64QAM	1	1	20.33	20.44	20.29	21.0	0.0
100	256QAM	1	1	17.90	17.75	17.76	19.5	1.5
Channel				636668	636000	635332	Tune-up limit	MPR
Frequency (MHz)				3765.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	20.35	20.35	20.37	21.0	0.0
Channel				636334	636000	635666	Tune-up limit	MPR
Frequency (MHz)				3760.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	20.34	20.37	20.30	21.0	0.0
Channel				636000	636000	635000	Tune-up limit	MPR
Frequency (MHz)				3750	3840	3945	(dBm)	(dB)
70	QPSK	1	1	20.33	20.37	20.35	21.0	0.0
Channel				636668	636000	635332	Tune-up limit	MPR
Frequency (MHz)				3765.02	3840	3934.98	(dBm)	(dB)
60	QPSK	1	1	20.27	20.45	20.42	21.0	0.0
Channel				636334	636000	635666	Tune-up limit	MPR
Frequency (MHz)				3752.51	3840	3927.49	(dBm)	(dB)
50	QPSK	1	1	20.30	20.42	20.35	21.0	0.0
Channel				636000	636000	636166	Tune-up limit	MPR
Frequency (MHz)				3740	3840	3940	(dBm)	(dB)
40	QPSK	1	1	20.39	20.37	20.38	21.0	0.0
Channel				637668	636000	634332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	20.36	20.41	20.36	21.0	0.0
Channel				637500	636000	634500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	20.37	20.45	20.46	21.0	0.0
Channel				637334	636000	634666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	20.29	20.41	20.39	21.0	0.0
Channel				637168	636000	634832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	20.28	20.37	20.31	21.0	0.0
Channel				647000	636000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	20.37	20.45	20.32	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					633332			
Frequency [MHz]					3499.98			
100	PI/2 BPSK	1	1		19.49		21.5	0.0
100	PI/2 BPSK	1	137		19.57			
100	PI/2 BPSK	1	271		19.63			
100	PI/2 BPSK	135	0		19.59		21.5	0.0
100	PI/2 BPSK	135	69		19.52		21.5	0.0
100	PI/2 BPSK	135	138		19.57		21.5	0.0
100	PI/2 BPSK	270	0		19.49			
100	QPSK	1	1		19.57		21.5	0.0
100	QPSK	1	137		19.71			
100	QPSK	1	271		19.60			
100	QPSK	135	0		19.63		21.5	0.0
100	QPSK	135	69		19.54			
100	QPSK	135	138		19.61			
100	QPSK	270	0		19.62		21.5	0.0
100	16QAM	1	1		19.54		21.5	0.0
100	64QAM	1	1		19.62		21.5	0.0
100	256QAM	1	1		17.41		19.5	2.0
Channel				630000	633332	636666	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3495	3499.98	3504.99		
90	QPSK	1	1	19.57	19.50	19.58	21.5	0.0
Channel				630666	633332	634000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3495.02	3499.98	3504.98		
80	QPSK	1	1	19.62	19.59	19.59	21.5	0.0
Channel				630334	633332	634332	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3495.01	3499.98	3504.98		
70	QPSK	1	1	19.58	19.57	19.61	21.5	0.0
Channel				630000	633332	634666	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3490	3499.98	3509.99		
60	QPSK	1	1	19.61	19.52	19.58	21.5	0.0
Channel				631668	633332	635000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3475.07	3499.98	3525		
50	QPSK	1	1	19.54	19.50	19.59	21.5	0.0
Channel				631334	633332	635332	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.53	19.60	19.62	21.5	0.0
Channel				631000	633332	635666	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3465	3499.98	3534.99		
30	QPSK	1	1	19.54	19.55	19.58	21.5	0.0
Channel				630334	633332	636332	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3460.01	3499.98	3537.49		
25	QPSK	1	1	19.55	19.52	19.63	21.5	0.0
Channel				630166	633332	636499	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3460.02	3499.98	3540		
20	QPSK	1	1	19.58	19.62	19.58	21.5	0.0
Channel				630500	633332	636166	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3467.5	3499.98	3542.49		
15	QPSK	1	1	19.55	19.51	19.64	21.5	0.0
Channel				630334	633332	636332	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3465.01	3499.98	3544.98		
10	QPSK	1	1	19.52	19.61	19.38	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					630000			
Frequency [MHz]					3750			
100	PI/2 BPSK	1	1		19.55		21.5	0.0
100	PI/2 BPSK	1	137		19.64			
100	PI/2 BPSK	1	271		19.60			
100	PI/2 BPSK	135	0		19.62		21.5	0.0
100	PI/2 BPSK	135	69		19.61		21.5	0.0
100	PI/2 BPSK	135	138		19.55		21.5	0.0
100	PI/2 BPSK	270	0		19.63			
100	QPSK	1	1		19.60		21.5	0.0
100	QPSK	1	137		19.73			
100	QPSK	1	271		19.72			
100	QPSK	135	0		19.58		21.5	0.0
100	QPSK	135	69		19.70			
100	QPSK	135	138		19.69			
100	QPSK	270	0		19.60		21.5	0.0
100	16QAM	1	1		19.55		21.5	0.0
100	64QAM	1	1		19.64		21.5	0.0
100	256QAM	1	1		16.52		19.5	2.0
Channel				649668	650000	650332	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3745.02	3750	3754.98		
90	QPSK	1	1	19.57	19.59	19.64	21.5	0.0
Channel				649334	650000	650666	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3740.01	3750	3759.99		
80	QPSK	1	1	19.54	19.52	19.66	21.5	0.0
Channel				649000	650000	651000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3735	3750	3765		
70	QPSK	1	1	19.59	19.53	19.55	21.5	0.0
Channel				648668	650000	651332	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3730.02	3750	3769.98		
60	QPSK	1	1	19.53	19.54	19.55	21.5	0.0
Channel				648334	650000	651666	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3725.01	3750	3774.99		
50	QPSK	1	1	19.56	19.64	19.65	21.5	0.0
Channel				648000	650000	652000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3720	3750	3780		
40	QPSK	1	1	19.56	19.64	19.55	21.5	0.0
Channel				647668	650000	652332	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3715.02	3750	3784.98		
30	QPSK	1	1	19.63	19.64	19.65	21.5	0.0
Channel				647500	650000	652500	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3712.5	3750	3787.5		
25	QPSK	1	1	19.57	19.63	19.63	21.5	0.0
Channel				647334	650000	652666	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3710.01	3750	3789.99		
20	QPSK	1	1	19.52	19.58	19.61	21.5	0.0
Channel				647168	650000	652832	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3707.52	3750	3792.48		
15	QPSK	1	1	19.55	19.63	19.67	21.5	0.0
Channel				647000	650000	653000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3705	3750	3795		
10	QPSK	1	1	19.61	19.55	19.66	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					633332			
Frequency [MHz]					3499.98			
100	PI/2 BPSK	1	1		19.77		21.0	0.0
100	PI/2 BPSK	1	137		19.74			
100	PI/2 BPSK	1	271		19.69			
100	PI/2 BPSK	135	0		19.79		21.0	0.0
100	PI/2 BPSK	135	69		19.82		21.0	0.0
100	PI/2 BPSK	135	138		19.79		21.0	0.0
100	PI/2 BPSK	270	0		19.78			
100	QPSK	1	1		19.82		21.0	0.0
100	QPSK	1	137		19.95			
100	QPSK	1	271		19.92			
100	QPSK	135	0		19.70		21.0	0.0
100	QPSK	135	69		19.83			
100	QPSK	135	138		19.68			
100	QPSK	270	0		19.69		21.0	0.0
100	16QAM	1	1		19.74		21.0	0.0
100	64QAM	1	1		19.69		21.0	0.0
100	256QAM	1	1		17.41		19.5	1.5
Channel				630000	633332	636666	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3495	3499.98	3504.99		
90	QPSK	1	1	19.81	19.70	19.65	21.0	0.0
Channel				630666	633332	634000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3495.02	3499.98	3504.98		
80	QPSK	1	1	19.81	19.66	19.74	21.0	0.0
Channel				630334	633332	634332	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3495.01	3499.98	3504.98		
70	QPSK	1	1	19.81	19.72	19.67	21.0	0.0
Channel				630000	633332	634666	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3490	3499.98	3509.99		
60	QPSK	1	1	19.69	19.74	19.62	21.0	0.0
Channel				631668	633332	635000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3475.07	3499.98	3525		
50	QPSK	1	1	19.80	19.66	19.61	21.0	0.0
Channel				631334	633332	635332	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.69	19.79	19.65	21.0	0.0
Channel				631000	633332	635666	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3465	3499.98	3534.99		
30	QPSK	1	1	19.70	19.76	19.66	21.0	0.0
Channel				630334	633332	636332	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3460.01	3499.98	3537.49		
25	QPSK	1	1	19.80	19.68	19.74	21.0	0.0
Channel				630166	633332	636499	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3460.02	3499.98	3540		
20	QPSK	1	1	19.72	19.76	19.75	21.0	0.0
Channel				630500	633332	636166	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3467.5	3499.98	3542.49		
15	QPSK	1	1	19.75	19.78	19.68	21.0	0.0
Channel				630334	633332	636332	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3465.01	3499.98	3544.98		
10	QPSK	1	1	19.81	19.66	19.70	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					650000			
Frequency [MHz]					3750			
100	PI/2 BPSK	1	1		20.30		21.0	0.0
100	PI/2 BPSK	1	137		20.31			
100	PI/2 BPSK	1	271		20.31			
100	PI/2 BPSK	135	0		20.26		21.0	0.0
100	PI/2 BPSK	135	69		20.32		21.0	0.0
100	PI/2 BPSK	135	138		20.20		21.0	0.0
100	PI/2 BPSK	270	0		20.29			
100	QPSK	1	1		20.36		21.0	0.0
100	QPSK	1	137		20.37			
100	QPSK	1	271		20.35			
100	QPSK	135	0		20.30		21.0	0.0
100	QPSK	135	69		20.35			
100	QPSK	135	138		20.26			
100	QPSK	270	0		20.29		21.0	0.0
100	16QAM	1	1		20.22		21.0	0.0
100	64QAM	1	1		20.23		21.0	0.0
100	256QAM	1	1		17.92		19.5	1.5
Channel				649668	650000	650332	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3745.02	3750	3754.98		
90	QPSK	1	1	20.12	20.15	20.16	21.0	0.0
Channel				649334	650000	650666	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3740.01	3750	3759.99	[dBm]	[dB]
80	QPSK	1	1	20.07	19.97	20.07	21.0	0.0
Channel				649000	650000	651000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3735	3750	3765	[dBm]	[dB]
70	QPSK	1	1	20.19	20.08	20.07	21.0	0.0
Channel				648668	650000	651332	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3730.02	3750	3769.98	[dBm]	[dB]
60	QPSK	1	1	20.19	19.97	20.03	21.0	0.0
Channel				648334	650000	651666	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3725.01	3750	3774.99	[dBm]	[dB]
50	QPSK	1	1	20.10	19.97	20.02	21.0	0.0
Channel				648000	650000	652000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3720	3750	3780	[dBm]	[dB]
40	QPSK	1	1	20.07	20.06	20.11	21.0	0.0
Channel				647668	650000	652332	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3715.02	3750	3784.98	[dBm]	[dB]
30	QPSK	1	1	20.10	20.05	20.03	21.0	0.0
Channel				647500	650000	652500	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3712.5	3750	3787.5	[dBm]	[dB]
25	QPSK	1	1	20.19	20.02	20.06	21.0	0.0
Channel				647334	650000	652666	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3710.01	3750	3789.99	[dBm]	[dB]
20	QPSK	1	1	20.14	19.98	19.99	21.0	0.0
Channel				647168	650000	652832	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3707.52	3750	3792.48	[dBm]	[dB]
15	QPSK	1	1	20.11	20.00	20.07	21.0	0.0
Channel				647000	650000	653000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3705	3750	3795	[dBm]	[dB]
10	QPSK	1	1	20.17	20.04	19.99	21.0	0.0

Reduced Power Mode for Hotspot On

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	19.01	19.16	19.07	20.5	0.0
40	PI/2 BPSK	1	108	19.06	19.04	18.98		
40	PI/2 BPSK	1	214	19.12	19.15	19.01		
40	PI/2 BPSK	108	0	19.12	19.02	19.10	20.5	0.0
40	PI/2 BPSK	108	54	19.01	19.08	19.12	20.5	0.0
40	PI/2 BPSK	108	108	19.02	19.12	19.09	20.5	0.0
40	PI/2 BPSK	216	0	19.01	19.11	19.09		
40	QPSK	1	1	19.16	19.17	19.13	20.5	0.0
40	QPSK	1	108	19.13	19.11	19.02		
40	QPSK	1	214	19.12	19.14	18.99		
40	QPSK	108	0	18.91	19.12	19.04	20.5	0.0
40	QPSK	108	54	19.04	19.16	19.11	20.5	0.0
40	QPSK	108	108	18.97	19.10	19.06	20.5	0.0
40	QPSK	216	0	18.96	19.12	19.10		
40	16QAM	1	1	19.01	19.04	18.99	20.5	0.0
40	64QAM	1	1	18.91	19.11	19.01	20.5	0.0
40	256QAM	1	1	19.17	19.17	19.12	19.5	1.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	18.93	19.14	18.98	20.5	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	18.98	19.07	19.10	20.5	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	18.89	19.09	19.08	20.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.91	19.02	19.03	20.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.92	19.02	19.07	20.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.98	19.02	19.01	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	18.63	18.75	18.57	20.5	0.0
40	PI/2 BPSK	1	108	18.61	18.66	18.53		
40	PI/2 BPSK	1	214	18.55	18.67	18.56		
40	PI/2 BPSK	108	0	18.65	18.72	18.61	20.5	0.0
40	PI/2 BPSK	108	54	18.58	18.65	18.59	20.5	0.0
40	PI/2 BPSK	108	108	18.55	18.75	18.52	20.5	0.0
40	PI/2 BPSK	216	0	18.64	18.69	18.59		
40	QPSK	1	1	18.73	18.90	18.75	20.5	0.0
40	QPSK	1	108	18.69	18.80	18.63		
40	QPSK	1	214	18.59	18.75	18.62		
40	QPSK	108	0	18.65	18.72	18.62	20.5	0.0
40	QPSK	108	54	18.70	18.77	18.67	20.5	0.0
40	QPSK	108	108	18.65	18.70	18.65	20.5	0.0
40	QPSK	216	0	18.62	18.64	18.58		
40	16QAM	1	1	18.65	18.71	18.56	20.5	0.0
40	64QAM	1	1	18.67	18.73	18.55	20.5	0.0
40	256QAM	1	1	18.64	18.74	18.52	19.5	1.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	18.66	18.69	18.52	20.5	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	18.60	18.76	18.61	20.5	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	18.61	18.63	18.60	20.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.55	18.75	18.59	20.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.58	18.70	18.57	20.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.58	18.71	18.61	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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.41	22.43	22.34	24.0	0.0
20	PI/2 BPSK	1	53	22.44	22.45	22.31		
20	PI/2 BPSK	1	104	22.11	22.23	22.11		
20	PI/2 BPSK	50	0	22.50	22.53	22.52	23.5	0.5
20	PI/2 BPSK	50	28	22.45	22.51	22.45	24.0	0.0
20	PI/2 BPSK	50	56	22.45	22.49	22.42	23.5	0.5
20	PI/2 BPSK	100	0	22.28	22.36	22.21		
20	QPSK	1	1	22.60	22.68	22.65	24.0	0.0
20	QPSK	1	53	22.57	22.66	22.57		
20	QPSK	1	104	22.15	22.28	22.16		
20	QPSK	50	0	22.41	22.55	22.43	23.0	1.0
20	QPSK	50	28	22.50	22.64	22.62	24.0	0.0
20	QPSK	50	56	22.49	22.63	22.58	23.0	1.0
20	QPSK	100	0	22.46	22.55	22.54		
20	16QAM	1	1	21.93	22.08	21.98	23.0	1.0
20	64QAM	1	1	20.01	20.05	20.03	21.5	2.5
20	256QAM	1	1	18.30	18.43	18.38	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.55	22.43	22.46	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.54	22.53	22.41	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.55	22.54	22.35	24.0	0.0

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.25	18.31	18.22	20.0	0.0
50	PI/2 BPSK	1	135	18.27	18.27	18.18		
50	PI/2 BPSK	1	268	18.13	18.28	18.17		
50	PI/2 BPSK	135	0	18.18	18.28	18.25	20.0	0.0
50	PI/2 BPSK	135	68	18.24	18.23	18.25	20.0	0.0
50	PI/2 BPSK	135	135	18.17	18.29	18.24	20.0	0.0
50	PI/2 BPSK	270	0	18.21	18.27	18.28		
50	QPSK	1	1	18.28	18.34	18.29	20.0	0.0
50	QPSK	1	135	18.25	18.33	18.14		
50	QPSK	1	268	18.25	18.24	18.28		
50	QPSK	135	0	18.20	18.21	18.12	20.0	0.0
50	QPSK	135	68	18.22	18.33	18.16	20.0	0.0
50	QPSK	135	135	18.18	18.32	18.03	20.0	0.0
50	QPSK	270	0	18.21	18.22	18.03		
50	16QAM	1	1	18.14	18.25	18.13	20.0	0.0
50	64QAM	1	1	18.09	18.20	18.07	20.0	0.0
50	256QAM	1	1	18.28	18.36	18.18	19.5	0.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.13	18.30	18.14	20.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.13	18.25	18.15	20.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.15	18.23	18.14	20.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.09	18.29	18.09	20.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.07	18.22	18.04	20.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.16	18.29	18.10	20.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.19	18.20	18.02	20.0	0.0

n7(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.05	19.09	18.88	20.0	0.0
50	PI/2 BPSK	1	135	19.04	19.11	18.90		
50	PI/2 BPSK	1	268	19.11	19.11	18.83		
50	PI/2 BPSK	135	0	19.02	19.08	18.87	20.0	0.0
50	PI/2 BPSK	135	68	19.10	19.07	18.95	20.0	0.0
50	PI/2 BPSK	135	135	18.97	19.09	18.89	20.0	0.0
50	PI/2 BPSK	270	0	19.06	19.03	18.95		
50	QPSK	1	1	19.12	19.13	18.97	20.0	0.0
50	QPSK	1	135	19.09	19.12	18.95		
50	QPSK	1	268	19.08	19.09	18.89		
50	QPSK	135	0	18.89	18.98	18.90	20.0	0.0
50	QPSK	135	68	19.03	19.10	18.94	20.0	0.0
50	QPSK	135	135	19.02	19.08	18.84	20.0	0.0
50	QPSK	270	0	18.95	19.05	18.87		
50	16QAM	1	1	18.92	19.07	18.85	20.0	0.0
50	64QAM	1	1	18.90	19.02	18.87	20.0	0.0
50	256QAM	1	1	18.68	18.80	18.69	19.5	0.5
Channel				504500	507000	515000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.88	19.04	18.91	20.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.89	19.01	18.93	20.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.91	18.95	18.79	20.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.91	18.98	18.80	20.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.95	18.99	18.85	20.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.93	18.98	18.90	20.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.95	19.08	18.84	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	12.80	12.87	12.91	14.5	0.0
50	PI/2 BPSK	1	135	12.87	12.99	12.86		
50	PI/2 BPSK	1	268	12.76	12.88	12.90		
50	PI/2 BPSK	135	0	12.75	13.00	12.99	14.5	0.0
50	PI/2 BPSK	135	68	12.86	12.91	12.93	14.5	0.0
50	PI/2 BPSK	135	135	12.79	12.98	12.91	14.5	0.0
50	PI/2 BPSK	270	0	12.75	12.97	12.93		
50	QPSK	1	1	12.88	13.02	13.00	14.5	0.0
50	QPSK	1	135	12.77	12.88	12.88		
50	QPSK	1	268	12.75	12.91	12.93		
50	QPSK	135	0	12.68	12.78	12.72	14.5	0.0
50	QPSK	135	68	12.77	12.93	12.85	14.5	0.0
50	QPSK	135	135	12.64	12.84	12.73	14.5	0.0
50	QPSK	270	0	12.62	12.83	12.72		
50	16QAM	1	1	12.67	12.89	12.72	14.5	0.0
50	64QAM	1	1	12.64	12.87	12.78	14.5	0.0
50	256QAM	1	1	12.67	12.85	12.77	14.5	0.0
Channel				504500	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	12.64	12.88	12.82	14.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	12.68	12.81	12.76	14.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	12.67	12.81	12.80	14.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	12.62	12.87	12.77	14.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	12.65	12.79	12.83	14.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	12.68	12.82	12.74	14.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	12.71	12.79	12.84	14.5	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				164850	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.39	22.41	22.35	24.0	0.0
20	PI/2 BPSK	1	53	22.34	22.40	22.36		
20	PI/2 BPSK	1	104	22.35	22.42	22.37		
20	PI/2 BPSK	50	0	22.48	22.52	22.41	23.5	0.5
20	PI/2 BPSK	50	28	22.41	22.48	22.43	24.0	0.0
20	PI/2 BPSK	50	56	22.48	22.54	22.46	23.5	0.5
20	PI/2 BPSK	100	0	22.52	22.61	22.46		
20	QPSK	1	1	22.71	22.76	22.63	24.0	0.0
20	QPSK	1	53	22.41	22.49	22.34		
20	QPSK	1	104	22.20	22.34	22.19		
20	QPSK	50	0	22.34	22.36	22.33	23.0	1.0
20	QPSK	50	28	22.44	22.46	22.43	24.0	0.0
20	QPSK	50	56	22.41	22.40	22.39	23.0	1.0
20	QPSK	100	0	22.36	22.47	22.34		
20	16QAM	1	1	22.04	22.14	21.99	23.0	1.0
20	64QAM	1	1	20.92	21.05	21.03	21.5	2.5
20	256QAM	1	1	18.54	18.63	18.62	19.5	4.5
Channel				164350	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.57	22.69	22.49	24.0	0.0
Channel				163850	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.58	22.66	22.53	24.0	0.0
Channel				163350	166300	169350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.58	22.75	22.48	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	19.39	19.38	19.40	21.0	0.0
45	PI/2 BPSK	1	122	19.33	19.50	19.31		
45	PI/2 BPSK	1	243	19.42	19.35	19.43		
45	PI/2 BPSK	120	0	19.50	19.31	19.28	21.0	0.0
45	PI/2 BPSK	120	60	19.32	19.42	19.44	21.0	0.0
45	PI/2 BPSK	120	122	19.37	19.32	19.34	21.0	0.0
45	PI/2 BPSK	243	0	19.33	19.51	19.23		
45	QPSK	1	1	19.31	19.54	19.38	21.0	0.0
45	QPSK	1	122	19.34	19.32	19.37		
45	QPSK	1	243	19.43	19.36	19.25		
45	QPSK	120	0	19.30	19.32	19.32	21.0	0.0
45	QPSK	120	60	19.43	19.52	19.45	21.0	0.0
45	QPSK	120	122	19.38	19.41	19.21	21.0	0.0
45	QPSK	243	0	19.28	19.40	19.26		
45	16QAM	1	1	19.44	19.41	19.27	21.0	0.0
45	64QAM	1	1	19.39	19.40	19.41	21.0	0.0
45	256QAM	1	1	18.57	18.47	18.41	19.5	1.5
Channel				346500	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	19.31	19.43	19.48	21.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	19.35	19.40	19.37	21.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.33	19.39	19.48	21.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.33	19.31	19.38	21.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.36	19.34	19.40	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	19.44	19.33	19.21	21.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.31	19.43	19.29	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	19.37	19.52	19.37	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	19.52	19.58	19.44	21.0	0.0
45	PI/2 BPSK	1	122	19.50	19.67	19.55		
45	PI/2 BPSK	1	243	19.52	19.69	19.43		
45	PI/2 BPSK	120	0	19.59	19.61	19.44	21.0	0.0
45	PI/2 BPSK	120	60	19.46	19.69	19.47	21.0	0.0
45	PI/2 BPSK	120	122	19.53	19.66	19.47	21.0	0.0
45	PI/2 BPSK	243	0	19.58	19.57	19.52		
45	QPSK	1	1	19.61	19.71	19.58	21.0	0.0
45	QPSK	1	122	19.50	19.65	19.43		
45	QPSK	1	243	19.48	19.65	19.44		
45	QPSK	120	0	19.43	19.54	19.45	21.0	0.0
45	QPSK	120	60	19.51	19.60	19.52	21.0	0.0
45	QPSK	120	122	19.49	19.57	19.48	21.0	0.0
45	QPSK	243	0	19.44	19.52	19.49		
45	16QAM	1	1	19.37	19.58	19.45	21.0	0.0
45	64QAM	1	1	19.36	19.47	19.38	21.0	0.0
45	256QAM	1	1	19.21	19.30	19.28	19.5	1.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	19.46	19.62	19.51	21.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	19.52	19.60	19.51	21.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.48	19.62	19.50	21.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.58	19.65	19.51	21.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.51	19.66	19.48	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	19.55	19.69	19.48	21.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.52	19.57	19.53	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	19.51	19.62	19.56	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	15.82	15.69	15.67	17.5	0.0
45	PI/2 BPSK	1	122	15.72	15.81	15.66		
45	PI/2 BPSK	1	243	15.74	15.83	15.66		
45	PI/2 BPSK	120	0	15.80	15.74	15.66	17.5	0.0
45	PI/2 BPSK	120	60	15.63	15.72	15.78	17.5	0.0
45	PI/2 BPSK	120	122	15.70	15.64	15.68	17.5	0.0
45	PI/2 BPSK	243	0	15.69	15.72	15.78		
45	QPSK	1	1	15.82	15.89	15.83	17.5	0.0
45	QPSK	1	122	15.73	15.81	15.70		
45	QPSK	1	243	15.62	15.83	15.67		
45	QPSK	120	0	15.66	15.77	15.73	17.5	0.0
45	QPSK	120	60	15.78	15.88	15.77	17.5	0.0
45	QPSK	120	122	15.74	15.71	15.66	17.5	0.0
45	QPSK	243	0	15.65	15.72	15.68		
45	16QAM	1	1	15.67	15.80	15.75	17.5	0.0
45	64QAM	1	1	15.67	15.71	15.62	17.5	0.0
45	256QAM	1	1	15.80	15.74	15.77	17.5	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	15.81	15.65	15.60	17.5	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	15.58	15.62	15.60	17.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.65	15.55	15.50	17.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	15.58	15.66	15.60	17.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.54	15.66	15.64	17.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.60	15.54	15.62	17.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.52	15.56	15.51	17.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.40	15.42	15.44	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	20.55	20.66	20.42	22.0	0.0
40	PI/2 BPSK	1	53	20.46	20.54	20.30		
40	PI/2 BPSK	1	104	20.53	20.59	20.39		
40	PI/2 BPSK	50	0	20.49	20.62	20.42	22.0	0.0
40	PI/2 BPSK	50	28	20.59	20.57	20.40	22.0	0.0
40	PI/2 BPSK	50	56	20.55	20.61	20.37	22.0	0.0
40	PI/2 BPSK	100	0	20.50	20.53	20.32		
40	QPSK	1	1	20.50	20.76	20.39	22.0	0.0
40	QPSK	1	53	20.63	20.79	20.54		
40	QPSK	1	104	20.53	20.75	20.39		
40	QPSK	50	0	20.52	20.65	20.31	22.0	0.0
40	QPSK	50	28	20.61	20.68	20.43		
40	QPSK	50	56	20.48	20.64	20.37		
40	QPSK	100	0	20.53	20.55	20.39	22.0	0.0
40	16QAM	1	1	20.53	20.56	20.34	22.0	0.0
40	64QAM	1	1	20.07	20.16	20.19	21.5	0.5
40	256QAM	1	1	18.95	19.11	18.93	19.5	2.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.53	20.53	20.41	22.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.48	20.61	20.30	22.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.50	20.53	20.41	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	20.67	20.39	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	20.52	20.62	20.34	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	11.76	11.84	11.64	13.5	0.0
40	PI/2 BPSK	1	53	11.69	11.80	11.63		
40	PI/2 BPSK	1	104	11.72	11.85	11.62		
40	PI/2 BPSK	50	0	11.73	11.80	11.71	13.5	0.0
40	PI/2 BPSK	50	28	11.76	11.87	11.66	13.5	0.0
40	PI/2 BPSK	50	56	11.80	11.89	11.63	13.5	0.0
40	PI/2 BPSK	100	0	11.80	11.81	11.58		
40	QPSK	1	1	11.83	11.98	11.77	13.5	0.0
40	QPSK	1	53	11.94	12.02	11.87		
40	QPSK	1	104	11.92	11.90	11.77		
40	QPSK	50	0	11.75	11.85	11.65	13.5	0.0
40	QPSK	50	28	11.82	11.91	11.72		
40	QPSK	50	56	11.74	11.87	11.61		
40	QPSK	100	0	11.75	11.86	11.70	13.5	0.0
40	16QAM	1	1	11.70	11.88	11.62	13.5	0.0
40	64QAM	1	1	11.68	11.88	11.63	13.5	0.0
40	256QAM	1	1	11.77	11.85	11.61	13.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	11.78	11.80	11.59	13.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	11.80	11.85	11.62	13.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	11.67	11.77	11.60	13.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	11.75	11.81	11.68	13.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	11.73	11.77	11.71	13.5	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				506002	518998	526000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.48	20.55	20.56	22.0	0.0
100	PI/2 BPSK	1	137	20.49	20.56	20.56		
100	PI/2 BPSK	1	271	20.48	20.66	20.48		
100	PI/2 BPSK	135	0	20.50	20.60	20.48	22.0	0.0
100	PI/2 BPSK	135	69	20.56	20.68	20.53	22.0	0.0
100	PI/2 BPSK	135	138	20.47	20.62	20.55	22.0	0.0
100	PI/2 BPSK	270	0	20.57	20.60	20.56		
100	QPSK	1	1	20.69	20.73	20.50	22.0	0.0
100	QPSK	1	137	20.73	20.82	20.63		
100	QPSK	1	271	20.61	20.80	20.63		
100	QPSK	135	0	20.50	20.63	20.49	22.0	0.0
100	QPSK	135	69	20.60	20.70	20.51		
100	QPSK	135	138	20.45	20.56	20.52		
100	QPSK	270	0	20.49	20.58	20.53	22.0	0.0
100	16QAM	1	1	20.59	20.63	20.52	22.0	0.0
100	64QAM	1	1	20.80	20.81	20.77	21.5	0.5
100	256QAM	1	1	19.08	19.02	19.15	19.5	2.5
Channel				506250	518998	526998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2549	2592.99	2644.98		
90	QPSK	1	1	20.58	20.56	20.52	22.0	0.0
Channel				507204	518998	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2558.02	2592.99	2649.99		
80	QPSK	1	1	20.53	20.56	20.48	22.0	0.0
Channel				508202	518998	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2567.01	2592.99	2655		
70	QPSK	1	1	20.56	20.63	20.47	22.0	0.0
Channel				509200	518998	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.56	20.65	20.59	22.0	0.0
Channel				504204	518998	533998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.02	2592.99	2664.99		
50	QPSK	1	1	20.54	20.67	20.54	22.0	0.0
Channel				502202	518998	534792	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.48	20.68	20.47	22.0	0.0
Channel				502704	518998	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	20.30	20.45	20.37	22.0	0.0
Channel				503200	518998	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.57	20.57	20.56	22.0	0.0
Channel				501204	518998	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.57	20.61	20.57	22.0	0.0
Channel				500700	518998	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.48	20.58	20.53	22.0	0.0
Channel				500202	518998	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.46	20.68	20.54	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				506002	518998	526000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	11.66	11.71	11.79	13.5	0.0
100	PI/2 BPSK	1	137	11.62	11.76	11.76		
100	PI/2 BPSK	1	271	11.62	11.74	11.74		
100	PI/2 BPSK	135	0	11.61	11.79	11.74	13.5	0.0
100	PI/2 BPSK	135	69	11.66	11.82	11.77	13.5	0.0
100	PI/2 BPSK	135	138	11.59	11.83	11.71	13.5	0.0
100	PI/2 BPSK	270	0	11.68	11.72	11.77		
100	QPSK	1	1	11.79	11.80	11.88	13.5	0.0
100	QPSK	1	137	11.90	11.95	11.94		
100	QPSK	1	271	11.71	11.81	11.88		
100	QPSK	135	0	11.68	11.71	11.76	13.5	0.0
100	QPSK	135	69	11.79	11.84	11.82		
100	QPSK	135	138	11.67	11.82	11.70		
100	QPSK	270	0	11.58	11.72	11.70	13.5	0.0
100	16QAM	1	1	11.69	11.75	11.77	13.5	0.0
100	64QAM	1	1	11.56	11.73	11.75	13.5	0.0
100	256QAM	1	1	11.61	11.83	11.65	13.5	0.0
Channel				506250	518998	526998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2549	2592.99	2644.98		
90	QPSK	1	1	11.68	11.70	11.71	13.5	0.0
Channel				507204	518998	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2558.02	2592.99	2649.99		
80	QPSK	1	1	11.57	11.76	11.67	13.5	0.0
Channel				508202	518998	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2567.01	2592.99	2655		
70	QPSK	1	1	11.60	11.83	11.68	13.5	0.0
Channel				509200	518998	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	11.55	11.81	11.69	13.5	0.0
Channel				504204	518998	533998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.02	2592.99	2664.99		
50	QPSK	1	1	11.67	11.82	11.65	13.5	0.0
Channel				502202	518998	534792	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	11.62	11.74	11.65	13.5	0.0
Channel				502704	518998	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	11.60	11.71	11.63	13.5	0.0
Channel				503200	518998	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	11.63	11.72	11.71	13.5	0.0
Channel				501204	518998	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	11.68	11.79	11.79	13.5	0.0
Channel				500700	518998	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	11.59	11.74	11.79	13.5	0.0
Channel				500202	518998	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	11.61	11.79	11.74	13.5	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		11.34		13.0	0.0
100	PI/2 BPSK	1	137		11.32			
100	PI/2 BPSK	1	271		11.26			
100	PI/2 BPSK	135	0		11.29		13.0	0.0
100	PI/2 BPSK	135	69		11.33		13.0	0.0
100	PI/2 BPSK	135	138		11.32		13.0	0.0
100	PI/2 BPSK	270	0		11.24			
100	QPSK	1	1		11.37		13.0	0.0
100	QPSK	1	137		11.44			
100	QPSK	1	271		11.29			
100	QPSK	135	0		11.27		13.0	0.0
100	QPSK	135	69		11.39			
100	QPSK	135	138		11.30			
100	QPSK	270	0		11.28		13.0	0.0
100	16QAM	1	1		11.32		13.0	0.0
100	64QAM	1	1		11.36		13.0	0.0
100	256QAM	1	1		11.25		13.0	0.0
Channel				630000	633332	636665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	11.30	11.12	11.16	13.0	0.0
Channel				631668	633332	634999	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3492.02	3499.98	3510		
80	QPSK	1	1	11.27	11.12	11.16	13.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	11.22	11.21	11.15	13.0	0.0
Channel				632000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	11.30	11.13	11.21	13.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	11.26	11.11	11.23	13.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.99		
40	QPSK	1	1	11.23	11.23	11.17	13.0	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	11.18	11.12	11.18	13.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.46		
25	QPSK	1	1	11.28	11.13	11.22	13.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	11.29	11.11	11.17	13.0	0.0
Channel				630000	633332	636665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	11.25	11.13	11.21	13.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	11.23	11.14	11.19	13.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	11.31	11.45	11.33	13.0	0.0
100	PI/2 BPSK	1	137	11.41	11.38	11.31		
100	PI/2 BPSK	1	271	11.43	11.45	11.32		
100	PI/2 BPSK	135	0	11.42	11.44	11.31	13.0	0.0
100	PI/2 BPSK	135	69	11.44	11.38	11.31	13.0	0.0
100	PI/2 BPSK	135	138	11.30	11.43	11.42	13.0	0.0
100	PI/2 BPSK	270	0	11.31	11.38	11.43		
100	QPSK	1	1	11.41	11.46	11.44	13.0	0.0
100	QPSK	1	137	11.45	11.63	11.47		
100	QPSK	1	271	11.38	11.58	11.39		
100	QPSK	135	0	11.36	11.45	11.40	13.0	0.0
100	QPSK	135	69	11.45	11.51	11.45		
100	QPSK	135	138	11.38	11.39	11.38		
100	QPSK	270	0	11.43	11.49	11.38	13.0	0.0
100	16QAM	1	1	11.37	11.46	11.36	13.0	0.0
100	64QAM	1	1	11.38	11.41	11.35	13.0	0.0
100	256QAM	1	1	11.41	11.48	11.36	13.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	11.44	11.42	11.39	13.0	0.0
Channel				649334	656000	662665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	11.36	11.45	11.32	13.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	11.31	11.43	11.38	13.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	11.32	11.39	11.37	13.0	0.0
Channel				648334	656000	663665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	11.40	11.45	11.42	13.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	11.36	11.42	11.38	13.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	11.42	11.36	11.44	13.0	0.0
Channel				647334	656000	664665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	11.43	11.44	11.42	13.0	0.0
Channel				647334	656000	664665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	11.32	11.49	11.31	13.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	11.43	11.36	11.38	13.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	11.40	11.39	11.31	13.0	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		11.24		12.5	0.0
100	PI/2 BPSK	1	137		11.26			
100	PI/2 BPSK	1	271		11.24			
100	PI/2 BPSK	135	0		11.20		12.5	0.0
100	PI/2 BPSK	135	69		11.23		12.5	0.0
100	PI/2 BPSK	135	138		11.29		12.5	0.0
100	PI/2 BPSK	270	0		11.27			
100	QPSK	1	1		11.32		12.5	0.0
100	QPSK	1	137		11.39			
100	QPSK	1	271		11.28			
100	QPSK	135	0		11.22		12.5	0.0
100	QPSK	135	69		11.30			
100	QPSK	135	138		11.16			
100	QPSK	270	0		11.26		12.5	0.0
100	16QAM	1	1		11.22		12.5	0.0
100	64QAM	1	1		11.20		12.5	0.0
100	256QAM	1	1		11.19		12.5	0.0
Channel				630000	633332	636665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	11.18	11.10	11.14	12.5	0.0
Channel				630668	633332	634999	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3492.02	3499.98	3510		
80	QPSK	1	1	11.21	11.08	11.15	12.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	11.28	11.14	11.11	12.5	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	11.29	11.09	11.03	12.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	11.23	11.13	11.12	12.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.99		
40	QPSK	1	1	11.19	11.10	11.02	12.5	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	11.18	11.15	11.09	12.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.46		
25	QPSK	1	1	11.21	11.18	11.15	12.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	11.15	11.16	11.13	12.5	0.0
Channel				630000	633332	636665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	11.28	11.10	11.10	12.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	11.17	11.12	11.05	12.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	10.89	11.11	10.94	12.5	0.0
100	PI/2 BPSK	1	137	10.87	11.17	10.93		
100	PI/2 BPSK	1	271	10.92	11.08	10.89		
100	PI/2 BPSK	135	0	10.85	11.17	10.83	12.5	0.0
100	PI/2 BPSK	135	69	10.90	11.10	10.88	12.5	0.0
100	PI/2 BPSK	135	138	10.85	11.20	10.96	12.5	0.0
100	PI/2 BPSK	270	0	10.86	11.08	10.88		
100	QPSK	1	1	10.97	11.14	10.98	12.5	0.0
100	QPSK	1	137	11.08	11.24	11.02		
100	QPSK	1	271	10.98	11.19	10.95		
100	QPSK	135	0	10.92	11.11	10.87	12.5	0.0
100	QPSK	135	69	10.99	11.22	10.99		
100	QPSK	135	138	10.86	11.13	10.86		
100	QPSK	270	0	10.90	11.11	10.93	12.5	0.0
100	16QAM	1	1	10.90	11.18	10.92	12.5	0.0
100	64QAM	1	1	10.90	11.10	10.88	12.5	0.0
100	256QAM	1	1	10.81	11.09	10.89	12.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	10.80	11.16	10.83	12.5	0.0
Channel				649334	656000	662665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	10.80	11.11	10.87	12.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	10.92	11.20	10.91	12.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	10.83	11.14	10.87	12.5	0.0
Channel				648334	656000	663665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	10.92	11.21	10.86	12.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	10.92	11.11	10.86	12.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	10.82	11.15	10.94	12.5	0.0
Channel				647334	656000	664665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	10.93	11.16	10.87	12.5	0.0
Channel				647334	656000	664665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	10.81	11.13	10.93	12.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	10.87	11.09	10.85	12.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	10.85	11.10	10.94	12.5	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		12.76		14.0	0.0
100	PI/2 BPSK	1	137		12.83			
100	PI/2 BPSK	1	271		12.78			
100	PI/2 BPSK	135	0		12.74		14.0	0.0
100	PI/2 BPSK	135	69		12.81		14.0	0.0
100	PI/2 BPSK	135	138		12.81		14.0	0.0
100	PI/2 BPSK	270	0		12.74			
100	QPSK	1	1		12.85		14.0	0.0
100	QPSK	1	137		12.96			
100	QPSK	1	271		12.83			
100	QPSK	135	0		12.82		14.0	0.0
100	QPSK	135	69		12.89			
100	QPSK	135	138		12.75			
100	QPSK	270	0		12.75		14.0	0.0
100	16QAM	1	1		12.82		14.0	0.0
100	64QAM	1	1		12.84		14.0	0.0
100	256QAM	1	1		12.87		14.0	0.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
90	QPSK	1	1	12.79	12.72	12.69	14.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3510		
80	QPSK	1	1	12.75	12.77	12.64	14.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
70	QPSK	1	1	12.76	12.73	12.68	14.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3440	3499.98	3559.99		
60	QPSK	1	1	12.79	12.70	12.66	14.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3425.02	3499.98	3575		
50	QPSK	1	1	12.82	12.71	12.76	14.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3410.01	3499.98	3589.98		
40	QPSK	1	1	12.79	12.81	12.77	14.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	12.74	12.75	12.67	14.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.51	3499.98	3547.48		
25	QPSK	1	1	12.66	12.81	12.75	14.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3440.02	3499.98	3560		
20	QPSK	1	1	12.87	12.69	12.72	14.0	0.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.0	3499.98	3534.99		
15	QPSK	1	1	12.77	12.72	12.75	14.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.51	3499.98	3547.48		
10	QPSK	1	1	12.84	12.71	12.64	14.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.41	13.52	13.23	14.0	0.0
100	PI/2 BPSK	1	137	13.34	13.52	13.13		
100	PI/2 BPSK	1	271	13.35	13.40	13.13		
100	PI/2 BPSK	135	0	13.40	13.52	13.14	14.0	0.0
100	PI/2 BPSK	135	69	13.36	13.49	13.20	14.0	0.0
100	PI/2 BPSK	135	138	13.35	13.52	13.17	14.0	0.0
100	PI/2 BPSK	270	0	13.44	13.32	13.20		
100	QPSK	1	1	13.44	13.56	13.26	14.0	0.0
100	QPSK	1	137	13.54	13.62	13.40		
100	QPSK	1	271	13.51	13.53	13.29		
100	QPSK	135	0	13.33	13.50	13.18	14.0	0.0
100	QPSK	135	69	13.45	13.53	13.25		
100	QPSK	135	138	13.40	13.47	13.26		
100	QPSK	270	0	13.44	13.46	13.20	14.0	0.0
100	16QAM	1	1	13.35	13.51	13.16	14.0	0.0
100	64QAM	1	1	13.32	13.48	13.19	14.0	0.0
100	256QAM	1	1	13.42	13.49	13.14	14.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	13.39	13.39	13.17	14.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	13.31	13.41	13.18	14.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.44	13.41	13.13	14.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	13.34	13.38	13.19	14.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	13.33	13.47	13.20	14.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.37	13.40	13.16	14.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	13.39	13.52	13.26	14.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	13.39	13.44	13.15	14.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	13.41	13.45	13.27	14.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	13.37	13.39	13.27	14.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	13.32	13.52	13.24	14.0	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.53		17.5	0.0
100	PI/2 BPSK	1	137		16.58			
100	PI/2 BPSK	1	271		16.62			
100	PI/2 BPSK	135	0		16.62		17.5	0.0
100	PI/2 BPSK	135	69		16.54		17.5	0.0
100	PI/2 BPSK	135	138		16.62		17.5	0.0
100	PI/2 BPSK	270	0		16.58			
100	QPSK	1	1		16.65		17.5	0.0
100	QPSK	1	137		16.70			
100	QPSK	1	271		16.62			
100	QPSK	135	0		16.62		17.5	0.0
100	QPSK	135	69		16.64			
100	QPSK	135	138		16.57			
100	QPSK	270	0		16.54		17.5	0.0
100	16QAM	1	1		16.51		17.5	0.0
100	64QAM	1	1		15.01		17.0	0.5
100	256QAM	1	1		13.40		15.0	2.5
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
90	QPSK	1	1	16.50	16.49	16.51	17.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3510		
80	QPSK	1	1	16.43	16.59	16.47	17.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
70	QPSK	1	1	16.54	16.48	16.47	17.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3440	3499.98	3559.99		
60	QPSK	1	1	16.50	16.51	16.46	17.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3425.02	3499.98	3575		
50	QPSK	1	1	16.58	16.61	16.54	17.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3410.01	3499.98	3589.98		
40	QPSK	1	1	16.57	16.52	16.47	17.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.56	16.59	16.44	17.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.51	3499.98	3547.48		
25	QPSK	1	1	16.56	16.57	16.50	17.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3440.02	3499.98	3560		
20	QPSK	1	1	16.61	16.53	16.49	17.0	0.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.0	3499.98	3534.99		
15	QPSK	1	1	16.57	16.53	16.42	17.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.51	3499.98	3547.48		
10	QPSK	1	1	16.56	16.59	16.53	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.14	16.38	16.22	17.5	0.0
100	PI/2 BPSK	1	137	16.16	16.39	16.19		
100	PI/2 BPSK	1	271	16.19	16.38	16.17		
100	PI/2 BPSK	135	0	16.17	16.38	16.16	17.5	0.0
100	PI/2 BPSK	135	69	16.20	16.27	16.21	17.5	0.0
100	PI/2 BPSK	135	138	16.24	16.31	16.20	17.5	0.0
100	PI/2 BPSK	270	0	16.22	16.28	16.24		
100	QPSK	1	1	16.27	16.33	16.22	17.5	0.0
100	QPSK	1	137	16.38	16.44	16.35		
100	QPSK	1	271	16.28	16.37	16.34		
100	QPSK	135	0	16.21	16.33	16.11	17.5	0.0
100	QPSK	135	69	16.29	16.41	16.26		
100	QPSK	135	138	16.27	16.26	16.21		
100	QPSK	270	0	16.14	16.32	16.19	17.5	0.0
100	16QAM	1	1	16.17	16.31	16.20	17.5	0.0
100	64QAM	1	1	14.06	14.24	14.07	17.0	0.5
100	256QAM	1	1	12.54	12.68	12.68	15.0	2.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	16.23	16.31	16.21	17.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	16.17	16.35	16.15	17.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	16.23	16.33	16.11	17.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	16.18	16.35	16.16	17.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	16.19	16.30	16.11	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	16.18	16.26	16.18	17.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	16.16	16.36	16.24	17.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	16.20	16.34	16.21	17.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	16.24	16.27	16.19	17.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	16.20	16.26	16.17	17.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	16.15	16.35	16.13	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		11.21		13.0	0.0
100	PI/2 BPSK	1	137		11.24			
100	PI/2 BPSK	1	271		11.26			
100	PI/2 BPSK	135	0		11.31		13.0	0.0
100	PI/2 BPSK	135	69		11.21		13.0	0.0
100	PI/2 BPSK	135	138		11.30		13.0	0.0
100	PI/2 BPSK	270	0		11.21			
100	QPSK	1	1		11.27		13.0	0.0
100	QPSK	1	137		11.34			
100	QPSK	1	271		11.28			
100	QPSK	135	0		11.23		13.0	0.0
100	QPSK	135	69		11.33			
100	QPSK	135	138		11.24			
100	QPSK	270	0		11.20		13.0	0.0
100	16QAM	1	1		11.26		13.0	0.0
100	64QAM	1	1		11.30		13.0	0.0
100	256QAM	1	1		11.24		13.0	0.0
Channel				630000	633332	636665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
90	QPSK	1	1	11.24	11.18	11.17	13.0	0.0
Channel				630668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.02	3499.98	3533		
80	QPSK	1	1	11.20	11.22	11.18	13.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3468.01	3499.98	3531.98		
70	QPSK	1	1	11.32	11.23	11.14	13.0	0.0
Channel				632000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3539.99		
60	QPSK	1	1	11.31	11.28	11.20	13.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	11.29	11.17	11.26	13.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.99		
40	QPSK	1	1	11.28	11.19	11.18	13.0	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	11.22	11.27	11.21	13.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.46		
25	QPSK	1	1	11.22	11.23	11.13	13.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	11.18	11.24	11.20	13.0	0.0
Channel				630668	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.48		
15	QPSK	1	1	11.26	11.18	11.13	13.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	11.30	11.18	11.26	13.0	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					630000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		11.22		13.0	0.0
100	PI/2 BPSK	1	137		11.18			
100	PI/2 BPSK	1	271		11.16			
100	PI/2 BPSK	135	0		11.22		13.0	0.0
100	PI/2 BPSK	135	69		11.16		13.0	0.0
100	PI/2 BPSK	135	138		11.27		13.0	0.0
100	PI/2 BPSK	270	0		11.25			
100	QPSK	1	1		11.27		13.0	0.0
100	QPSK	1	137		11.37			
100	QPSK	1	271		11.35			
100	QPSK	135	0		11.27		13.0	0.0
100	QPSK	135	69		11.29			
100	QPSK	135	138		11.20			
100	QPSK	270	0		11.14		13.0	0.0
100	16QAM	1	1		11.24		13.0	0.0
100	64QAM	1	1		11.27		13.0	0.0
100	256QAM	1	1		11.23		13.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.02	3750	3751.98		
90	QPSK	1	1	11.17	11.16	11.08	13.0	0.0
Channel				649334	650000	650665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3753.99		
80	QPSK	1	1	11.27	11.02	11.19	13.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743	3750	3757		
70	QPSK	1	1	11.26	11.02	11.19	13.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.02	3750	3759.98		
60	QPSK	1	1	11.14	11.14	11.10	13.0	0.0
Channel				648334	650000	651665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738.01	3750	3761.99		
50	QPSK	1	1	11.17	11.14	11.17	13.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3750	3770		
40	QPSK	1	1	11.16	11.13	11.10	13.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	11.17	11.12	11.20	13.0	0.0
Channel				647335	650000	652665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	11.21	11.14	11.12	13.0	0.0
Channel				647334	650000	652665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	11.14	11.07	11.09	13.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	11.14	11.11	11.14	13.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	11.15	11.09	11.16	13.0	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		11.24		12.5	0.0
100	PI/2 BPSK	1	137		11.12			
100	PI/2 BPSK	1	271		11.24			
100	PI/2 BPSK	135	0		11.11		12.5	0.0
100	PI/2 BPSK	135	69		11.25		12.5	0.0
100	PI/2 BPSK	135	138		11.23		12.5	0.0
100	PI/2 BPSK	270	0		11.14			
100	QPSK	1	1		11.28		12.5	0.0
100	QPSK	1	137		11.38			
100	QPSK	1	271		11.35			
100	QPSK	135	0		11.15		12.5	0.0
100	QPSK	135	69		11.25			
100	QPSK	135	138		11.25			
100	QPSK	270	0		11.16		12.5	0.0
100	16QAM	1	1		11.24		12.5	0.0
100	64QAM	1	1		11.18		12.5	0.0
100	256QAM	1	1		11.25		12.5	0.0
Channel				630000	633332	636665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
90	QPSK	1	1	11.12	11.10	11.01	12.5	0.0
Channel				630668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.02	3499.98	3533		
80	QPSK	1	1	11.25	11.06	11.02	12.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3468.01	3499.98	3531.98		
70	QPSK	1	1	11.14	11.05	11.11	12.5	0.0
Channel				632000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3539.99		
60	QPSK	1	1	11.13	11.14	11.08	12.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	11.25	11.03	11.09	12.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.99		
40	QPSK	1	1	11.19	11.02	11.07	12.5	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	11.11	11.07	10.97	12.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.46		
25	QPSK	1	1	11.22	11.12	11.11	12.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	11.16	11.02	10.99	12.5	0.0
Channel				630668	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.48		
15	QPSK	1	1	11.25	11.02	11.09	12.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	11.13	11.12	10.97	12.5	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					630000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		11.11		12.5	0.0
100	PI/2 BPSK	1	137		11.08			
100	PI/2 BPSK	1	271		11.07			
100	PI/2 BPSK	135	0		11.03		12.5	0.0
100	PI/2 BPSK	135	69		11.10		12.5	0.0
100	PI/2 BPSK	135	138		11.06		12.5	0.0
100	PI/2 BPSK	270	0		11.10			
100	QPSK	1	1		11.11		12.5	0.0
100	QPSK	1	137		11.20			
100	QPSK	1	271		11.12			
100	QPSK	135	0		11.04		12.5	0.0
100	QPSK	135	69		11.12			
100	QPSK	135	138		11.03			
100	QPSK	270	0		11.11		12.5	0.0
100	16QAM	1	1		11.08		12.5	0.0
100	64QAM	1	1		11.04		12.5	0.0
100	256QAM	1	1		11.08		12.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.02	3750	3751.98		
90	QPSK	1	1	11.10	11.09	10.95	12.5	0.0
Channel				649334	650000	650665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3753.99		
80	QPSK	1	1	11.15	11.01	10.97	12.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743	3750	3757		
70	QPSK	1	1	11.09	10.98	10.94	12.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.02	3750	3759.98		
60	QPSK	1	1	11.13	11.02	10.97	12.5	0.0
Channel				648334	650000	651665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738.01	3750	3761.99		
50	QPSK	1	1	11.16	10.98	11.04	12.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3750	3770		
40	QPSK	1	1	11.15	11.05	11.04	12.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	11.17	11.00	10.99	12.5	0.0
Channel				647335	650000	652665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	11.05	11.04	10.90	12.5	0.0
Channel				647334	650000	652665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	11.16	11.04	10.95	12.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	11.08	11.00	10.91	12.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	11.13	11.10	10.92	12.5	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		12.80		14.0	0.0
100	PI/2 BPSK	1	137		12.86			
100	PI/2 BPSK	1	271		12.83			
100	PI/2 BPSK	135	0		12.86		14.0	0.0
100	PI/2 BPSK	135	69		12.81		14.0	0.0
100	PI/2 BPSK	135	138		12.88		14.0	0.0
100	PI/2 BPSK	270	0		12.92			
100	QPSK	1	1		12.82		14.0	0.0
100	QPSK	1	137		12.97			
100	QPSK	1	271		12.82			
100	QPSK	135	0		12.81		14.0	0.0
100	QPSK	135	69		12.94			
100	QPSK	135	138		12.85			
100	QPSK	270	0		12.80		14.0	0.0
100	16QAM	1	1		12.86		14.0	0.0
100	64QAM	1	1		12.86		14.0	0.0
100	256QAM	1	1		12.88		14.0	0.0
Channel				630000	633332	636665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
90	QPSK	1	1	12.87	12.90	12.69	14.0	0.0
Channel				630668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3466.02	3499.98	3510		
80	QPSK	1	1	12.93	12.95	12.75	14.0	0.0
Channel				630334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3499.98	3514.98		
70	QPSK	1	1	12.92	12.89	12.69	14.0	0.0
Channel				630000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450	3499.98	3519.99		
60	QPSK	1	1	12.91	12.95	12.69	14.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	12.96	12.95	12.72	14.0	0.0
Channel				631334	633332	633332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.99		
40	QPSK	1	1	12.95	12.85	12.76	14.0	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	12.85	12.93	12.71	14.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.51	3499.98	3547.46		
25	QPSK	1	1	12.82	12.90	12.75	14.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	12.87	12.88	12.80	14.0	0.0
Channel				630000	633332	636665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3447.5	3499.98	3552.49		
15	QPSK	1	1	12.92	12.86	12.72	14.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3435.01	3499.98	3564.98		
10	QPSK	1	1	12.83	12.84	12.77	14.0	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					630000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.13		14.0	0.0
100	PI/2 BPSK	1	137		13.19			
100	PI/2 BPSK	1	271		13.11			
100	PI/2 BPSK	135	0		13.19		14.0	0.0
100	PI/2 BPSK	135	69		13.10		14.0	0.0
100	PI/2 BPSK	135	138		13.12		14.0	0.0
100	PI/2 BPSK	270	0		13.18			
100	QPSK	1	1		13.29		14.0	0.0
100	QPSK	1	137		13.35			
100	QPSK	1	271		13.30			
100	QPSK	135	0		13.10		14.0	0.0
100	QPSK	135	69		13.24			
100	QPSK	135	138		13.22			
100	QPSK	270	0		13.18		14.0	0.0
100	16QAM	1	1		13.20		14.0	0.0
100	64QAM	1	1		13.18		14.0	0.0
100	256QAM	1	1		13.21		14.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3750	3754.98		
90	QPSK	1	1	13.13	13.04	13.16	14.0	0.0
Channel				649334	650000	650665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3753.99	(dBm)	(dB)
80	QPSK	1	1	13.21	12.99	13.13	14.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	13.23	12.96	13.20	14.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3726.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	13.23	13.07	13.10	14.0	0.0
Channel				648334	650000	651665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	13.09	12.96	13.19	14.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	13.22	12.97	13.16	14.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	13.19	12.98	13.19	14.0	0.0
Channel				647334	650000	652665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	13.18	12.94	13.08	14.0	0.0
Channel				647334	650000	652665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	13.16	12.98	13.12	14.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	13.13	13.02	13.10	14.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	13.12	13.04	13.08	14.0	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.56		17.5	0.0
100	PI/2 BPSK	1	137		16.59			
100	PI/2 BPSK	1	271		16.60			
100	PI/2 BPSK	135	0		16.50		17.5	0.0
100	PI/2 BPSK	135	69		16.50		17.5	0.0
100	PI/2 BPSK	135	138		16.58		17.5	0.0
100	PI/2 BPSK	270	0		16.49			
100	QPSK	1	1		16.51		17.5	0.0
100	QPSK	1	137		16.65			
100	QPSK	1	271		16.61			
100	QPSK	135	0		16.58		17.5	0.0
100	QPSK	135	69		16.61			
100	QPSK	135	138		16.57			
100	QPSK	270	0		16.53		17.5	0.0
100	16QAM	1	1		16.60		17.5	0.0
100	64QAM	1	1		14.90		17.0	0.5
100	256QAM	1	1		13.41		15.0	2.5
Channel				630000	633332	636665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
50	QPSK	1	1	16.43	16.41	16.32	17.5	0.0
Channel				630668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3466.02	3499.98	3510	(dBm)	(dB)
60	QPSK	1	1	16.43	16.43	16.43	17.5	0.0
Channel				630334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	16.39	16.44	16.42	17.5	0.0
Channel				630000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450	3499.98	3519.99	(dBm)	(dB)
80	QPSK	1	1	16.47	16.40	16.39	17.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
90	QPSK	1	1	16.41	16.35	16.41	17.5	0.0
Channel				631334	633332	633332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.99	(dBm)	(dB)
100	QPSK	1	1	16.49	16.38	16.40	17.5	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
110	QPSK	1	1	16.44	16.37	16.45	17.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.51	3499.98	3547.46	(dBm)	(dB)
125	QPSK	1	1	16.47	16.37	16.44	17.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
120	QPSK	1	1	16.43	16.41	16.34	17.5	0.0
Channel				630000	633332	636665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3447.5	3499.98	3552.49	(dBm)	(dB)
115	QPSK	1	1	16.37	16.34	16.36	17.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3435.01	3499.98	3564.98	(dBm)	(dB)
110	QPSK	1	1	16.39	16.41	16.33	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					630000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.10		17.5	0.0
100	PI/2 BPSK	1	137		16.13			
100	PI/2 BPSK	1	271		16.11			
100	PI/2 BPSK	135	0		16.14		17.5	0.0
100	PI/2 BPSK	135	69		16.06		17.5	0.0
100	PI/2 BPSK	135	138		16.13		17.5	0.0
100	PI/2 BPSK	270	0		16.07			
100	QPSK	1	1		16.07		17.5	0.0
100	QPSK	1	137		16.21			
100	QPSK	1	271		16.18			
100	QPSK	135	0		16.12		17.5	0.0
100	QPSK	135	69		16.15			
100	QPSK	135	138		16.07			
100	QPSK	270	0		16.12		17.5	0.0
100	16QAM	1	1		16.14		17.5	0.0
100	64QAM	1	1		14.30		17.0	0.5
100	256QAM	1	1		12.81		15.0	2.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3750	3754.98		
90	QPSK	1	1	16.07	16.04	16.09	17.5	0.0
Channel				649334	650000	650665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3753.99	(dBm)	(dB)
80	QPSK	1	1	16.08	16.09	16.08	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	16.15	16.10	16.02	17.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3726.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	16.07	16.04	16.02	17.5	0.0
Channel				648334	650000	651665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	16.18	16.08	16.07	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	16.06	16.03	16.12	17.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	16.15	16.05	16.04	17.5	0.0
Channel				647334	650000	652665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	16.09	16.01	16.10	17.5	0.0
Channel				647334	650000	652665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	16.08	16.09	16.00	17.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	16.15	16.08	16.03	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	16.14	15.98	16.11	17.5	0.0

Reduced Power Mode for Sensor Off

n2_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	Pi/2 BPSK	1	1	22.51	22.52	22.48	24.0	0.0
40	Pi/2 BPSK	1	108	22.30	22.44	22.29		
40	Pi/2 BPSK	1	214	22.33	22.42	22.38		
40	Pi/2 BPSK	108	0	22.37	22.51	22.45	23.5	0.5
40	Pi/2 BPSK	108	54	22.47	22.49	22.43	24.0	0.0
40	Pi/2 BPSK	108	108	22.41	22.49	22.44	23.5	0.5
40	Pi/2 BPSK	216	0	22.29	22.43	22.33		
40	QPSK	1	1	22.55	22.58	22.51	24.0	0.0
40	QPSK	1	108	22.39	22.51	22.42		
40	QPSK	1	214	22.40	22.44	22.31		
40	QPSK	108	0	22.36	22.49	22.48	23.0	1.0
40	QPSK	108	54	22.43	22.53	22.49	24.0	0.0
40	QPSK	108	108	22.25	22.39	22.29	23.0	1.0
40	QPSK	216	0	22.49	22.53	22.42		
40	16QAM	1	1	21.50	21.52	21.46	23.0	1.0
40	64QAM	1	1	20.37	20.48	20.44	21.5	2.5
40	256QAM	1	1	19.18	19.23	19.19	19.5	4.5
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.50	22.48	22.50	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.49	22.41	22.43	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.42	22.53	22.50	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.53	22.41	22.48	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.54	22.42	22.40	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.54	22.42	22.40	24.0	0.0

n2(Other PA)_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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	Pi/2 BPSK	1	1	22.13	22.18	22.14	24.0	0.0
40	Pi/2 BPSK	1	108	22.04	22.20	22.07		
40	Pi/2 BPSK	1	214	22.00	22.01	22.06		
40	Pi/2 BPSK	108	0	21.98	22.15	22.14	23.5	0.5
40	Pi/2 BPSK	108	54	22.13	22.09	22.04	24.0	0.0
40	Pi/2 BPSK	108	108	22.08	22.12	22.10	23.5	0.5
40	Pi/2 BPSK	216	0	21.93	22.12	22.03		
40	QPSK	1	1	22.17	22.25	22.15	24.0	0.0
40	QPSK	1	108	22.02	22.21	22.08		
40	QPSK	1	214	22.04	22.06	22.03		
40	QPSK	108	0	22.04	22.17	22.10	23.0	1.0
40	QPSK	108	54	22.12	22.21	22.14	24.0	0.0
40	QPSK	108	108	21.87	21.99	21.92	23.0	1.0
40	QPSK	216	0	22.17	22.20	22.02		
40	16QAM	1	1	21.20	21.17	21.14	23.0	1.0
40	64QAM	1	1	20.03	20.22	20.17	21.5	2.5
40	256QAM	1	1	18.85	18.97	18.92	19.5	4.5
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.04	22.03	22.00	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.03	22.11	22.01	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.01	22.00	22.01	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.07	22.04	22.00	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.02	22.07	22.02	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.02	22.07	22.02	24.0	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	22.41	22.43	22.34	24.0	0.0
20	Pi/2 BPSK	1	53	22.44	22.45	22.31		
20	Pi/2 BPSK	1	104	22.11	22.23	22.11		
20	Pi/2 BPSK	50	0	22.50	22.53	22.52	23.5	0.5
20	Pi/2 BPSK	50	28	22.45	22.51	22.45	24.0	0.0
20	Pi/2 BPSK	50	56	22.45	22.49	22.42	23.5	0.5
20	Pi/2 BPSK	100	0	22.28	22.36	22.21		
20	QPSK	1	1	22.60	22.68	22.65	24.0	0.0
20	QPSK	1	53	22.57	22.66	22.57		
20	QPSK	1	104	22.15	22.28	22.16		
20	QPSK	50	0	22.41	22.55	22.43	23.0	1.0
20	QPSK	50	28	22.50	22.64	22.62	24.0	0.0
20	QPSK	50	56	22.49	22.63	22.58	23.0	1.0
20	QPSK	100	0	22.46	22.55	22.54		
20	16QAM	1	1	21.93	22.08	21.98	23.0	1.0
20	64QAM	1	1	20.01	20.05	20.03	21.5	2.5
20	256QAM	1	1	18.30	18.43	18.38	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.55	22.43	22.46	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.54	22.53	22.41	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.55	22.54	22.35	24.0	0.0

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.16	22.21	22.17	24.0	0.0
50	PI/2 BPSK	1	135	22.01	22.02	22.00		
50	PI/2 BPSK	1	268	22.11	22.12	22.10		
50	PI/2 BPSK	135	0	22.12	22.19	22.18	23.5	0.5
50	PI/2 BPSK	135	68	22.03	22.05	22.06	24.0	0.0
50	PI/2 BPSK	135	135	21.93	22.01	21.89	23.5	0.5
50	PI/2 BPSK	270	0	21.89	21.91	21.88		
50	QPSK	1	1	22.18	22.25	22.19	24.0	0.0
50	QPSK	1	135	22.14	22.22	22.13		
50	QPSK	1	268	22.11	22.15	22.11		
50	QPSK	135	0	21.89	21.98	21.86	23.0	1.0
50	QPSK	135	68	22.04	22.06	22.03	24.0	0.0
50	QPSK	135	135	21.98	22.01	21.93	23.0	1.0
50	QPSK	270	0	21.98	22.01	21.87		
50	16QAM	1	1	21.73	21.78	21.64	23.0	1.0
50	64QAM	1	1	20.58	20.71	20.67	21.5	2.5
50	256QAM	1	1	18.57	18.58	18.44	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.08	22.24	22.10	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.09	22.12	22.08	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.08	22.10	22.14	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.17	22.15	22.15	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.16	22.11	22.13	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.11	22.18	22.07	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.12	22.10	22.08	24.0	0.0

n7(Other PA)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.85	22.98	22.93	24.0	0.0
50	PI/2 BPSK	1	135	22.94	22.96	22.93		
50	PI/2 BPSK	1	268	22.91	22.92	22.86		
50	PI/2 BPSK	135	0	22.84	23.04	22.87	23.5	0.5
50	PI/2 BPSK	135	68	22.96	22.96	22.93	24.0	0.0
50	PI/2 BPSK	135	135	22.91	22.93	22.83	23.5	0.5
50	PI/2 BPSK	270	0	22.87	22.92	22.93		
50	QPSK	1	1	22.99	23.05	22.96	24.0	0.0
50	QPSK	1	135	22.93	22.97	22.83		
50	QPSK	1	268	22.94	22.91	22.85		
50	QPSK	135	0	22.71	22.95	22.84	23.0	1.0
50	QPSK	135	68	22.86	22.99	22.85	24.0	0.0
50	QPSK	135	135	22.71	22.84	22.81	23.0	1.0
50	QPSK	270	0	22.75	22.98	22.79		
50	16QAM	1	1	22.29	22.41	22.33	23.0	1.0
50	64QAM	1	1	20.86	20.88	20.84	21.5	2.5
50	256QAM	1	1	18.66	18.80	18.69	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.94	22.95	22.88	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.91	23.02	22.94	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.94	23.01	22.82	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.86	22.91	22.94	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.98	23.04	22.85	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.85	23.03	22.86	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.95	23.03	22.87	24.0	0.0

n7_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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.26	21.39	21.34	23.0	0.0
50	PI/2 BPSK	1	135	21.07	21.03	21.02		
50	PI/2 BPSK	1	268	21.12	21.25	21.15		
50	PI/2 BPSK	135	0	21.22	21.34	21.24	22.5	0.5
50	PI/2 BPSK	135	68	21.03	21.15	21.05	23.0	0.0
50	PI/2 BPSK	135	135	21.04	21.05	20.91	22.5	0.5
50	PI/2 BPSK	270	0	21.17	21.21	21.10		
50	QPSK	1	1	21.29	21.40	21.38	23.0	0.0
50	QPSK	1	135	21.04	21.01	21.05		
50	QPSK	1	268	21.05	21.07	21.02		
50	QPSK	135	0	21.11	21.21	21.16	22.0	1.0
50	QPSK	135	68	21.22	21.25	21.23	23.0	0.0
50	QPSK	135	135	20.89	21.00	20.93	22.0	1.0
50	QPSK	270	0	21.02	21.14	21.04		
50	16QAM	1	1	21.08	21.13	21.02	22.0	1.0
50	64QAM	1	1	19.79	19.85	19.80	20.5	2.5
50	256QAM	1	1	18.39	18.45	18.38	18.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	21.14	21.28	21.33	23.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.14	21.36	21.35	23.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.27	21.33	21.22	23.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	21.15	21.25	21.30	23.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.15	21.37	21.30	23.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.14	21.37	21.25	23.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.23	21.39	21.31	23.0	0.0

n26(FCC)_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	22.39	22.41	22.35	24.0	0.0
20	Pi/2 BPSK	1	53	22.34	22.40	22.36		
20	Pi/2 BPSK	1	104	22.35	22.42	22.37		
20	Pi/2 BPSK	50	0	22.48	22.52	22.41	23.5	0.5
20	Pi/2 BPSK	50	28	22.41	22.48	22.43	24.0	0.0
20	Pi/2 BPSK	50	56	22.48	22.54	22.46	23.5	0.5
20	Pi/2 BPSK	100	0	22.52	22.61	22.46		
20	QPSK	1	1	22.71	22.76	22.63	24.0	0.0
20	QPSK	1	53	22.41	22.49	22.34		
20	QPSK	1	104	22.20	22.34	22.19		
20	QPSK	50	0	22.34	22.36	22.33	23.0	1.0
20	QPSK	50	28	22.44	22.46	22.43	24.0	0.0
20	QPSK	50	56	22.41	22.40	22.39	23.0	1.0
20	QPSK	100	0	22.36	22.47	22.34		
20	16QAM	1	1	22.04	22.14	21.99	23.0	1.0
20	64QAM	1	1	20.92	21.05	21.03	21.5	2.5
20	256QAM	1	1	18.54	18.83	18.62	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.57	22.89	22.49	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.58	22.66	22.53	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.58	22.75	22.48	24.0	0.0

n66_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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	Pi/2 BPSK	1	1	22.30	22.31	22.22	24.0	0.0
45	Pi/2 BPSK	1	122	22.14	22.20	22.15		
45	Pi/2 BPSK	1	243	22.16	22.23	22.06		
45	Pi/2 BPSK	120	0	22.21	22.30	22.27	23.5	0.5
45	Pi/2 BPSK	120	60	22.23	22.30	22.20	24.0	0.0
45	Pi/2 BPSK	120	122	22.20	22.29	22.29	23.5	0.5
45	Pi/2 BPSK	243	0	22.07	22.26	22.12		
45	QPSK	1	1	22.32	22.37	22.30	24.0	0.0
45	QPSK	1	122	22.16	22.29	22.17		
45	QPSK	1	243	22.21	22.26	22.15		
45	QPSK	120	0	22.13	22.28	22.24	23.0	1.0
45	QPSK	120	60	22.25	22.32	22.29	24.0	0.0
45	QPSK	120	122	22.08	22.21	22.11	23.0	1.0
45	QPSK	243	0	22.28	22.29	22.24		
45	16QAM	1	1	21.26	21.35	21.23	23.0	1.0
45	64QAM	1	1	20.22	20.31	20.25	21.5	2.5
45	256QAM	1	1	19.06	19.07	18.98	19.5	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.15	22.35	22.37	24.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.14	22.30	22.31	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.17	22.33	22.33	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.19	22.28	22.28	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.19	22.28	22.22	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.25	22.32	22.21	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.17	22.30	22.26	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.23	22.33	22.31	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	Pi/2 BPSK	1	1	22.56	22.62	22.42	24.0	0.0
45	Pi/2 BPSK	1	122	22.38	22.43	22.47		
45	Pi/2 BPSK	1	243	22.32	22.47	22.30		
45	Pi/2 BPSK	120	0	22.45	22.55	22.51	23.5	0.5
45	Pi/2 BPSK	120	60	22.49	22.59	22.52	24.0	0.0
45	Pi/2 BPSK	120	122	22.47	22.50	22.50	23.5	0.5
45	Pi/2 BPSK	243	0	22.28	22.47	22.41		
45	QPSK	1	1	22.59	22.66	22.51	24.0	0.0
45	QPSK	1	122	22.40	22.53	22.50		
45	QPSK	1	243	22.39	22.52	22.30		
45	QPSK	120	0	22.35	22.58	22.45	23.0	1.0
45	QPSK	120	60	22.53	22.60	22.48	24.0	0.0
45	QPSK	120	122	22.26	22.45	22.28	23.0	1.0
45	QPSK	243	0	22.51	22.53	22.46		
45	16QAM	1	1	21.56	21.60	21.46	23.0	1.0
45	64QAM	1	1	20.41	20.53	20.47	21.5	2.5
45	256QAM	1	1	19.21	19.30	19.28	19.5	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.50	22.55	22.48	24.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.36	22.41	22.38	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.48	22.50	22.38	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.49	22.41	22.46	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.45	22.43	22.47	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.48	22.45	22.46	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.41	22.47	22.39	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.49	22.46	22.49	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	Pi/2 BPSK	1	1	21.27	21.15	21.21	23.0	0.0
45	Pi/2 BPSK	1	122	21.06	21.17	21.09		
45	Pi/2 BPSK	1	243	21.05	21.13	21.10		
45	Pi/2 BPSK	120	0	21.16	21.22	21.20	22.5	0.5
45	Pi/2 BPSK	120	60	21.17	21.19	21.19	23.0	0.0
45	Pi/2 BPSK	120	122	21.20	21.24	21.14	22.5	0.5
45	Pi/2 BPSK	243	0	21.06	21.13	21.03		
45	QPSK	1	1	21.26	21.32	21.25	23.0	0.0
45	QPSK	1	122	21.16	21.26	21.15		
45	QPSK	1	243	21.12	21.18	21.11		
45	QPSK	120	0	21.10	21.19	21.24	22.0	1.0
45	QPSK	120	60	21.23	21.30	21.25	23.0	0.0
45	QPSK	120	122	21.00	21.10	21.02	22.0	1.0
45	QPSK	243	0	21.23	21.28	21.18		
45	16QAM	1	1	20.34	20.32	20.24	22.0	1.0
45	64QAM	1	1	19.21	19.30	19.29	20.5	2.5
45	256QAM	1	1	18.12	18.16	18.13	18.5	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.20	21.27	21.18	23.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.18	21.25	21.22	23.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.22	21.17	21.22	23.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.05	21.06	21.00	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.22	21.13	21.16	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.14	21.23	21.22	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.28	21.13	21.22	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.00	20.96	20.87	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				518004	519000	519996		
Frequency (MHz)				2590.04	2595	2599.96		
40	PI/2 BPSK	1	1	22.23	22.36	22.22	24.0	0.0
40	PI/2 BPSK	1	53	22.20	22.24	22.25		
40	PI/2 BPSK	1	104	22.23	22.30	22.21		
40	PI/2 BPSK	50	0	22.30	22.43	22.41	23.5	0.5
40	PI/2 BPSK	50	28	22.38	22.40	22.34	24.0	0.0
40	PI/2 BPSK	50	56	22.24	22.26	22.20		
40	PI/2 BPSK	100	0	22.29	22.31	22.21	23.5	0.5
40	QPSK	1	1	22.30	22.45	22.38	24.0	0.0
40	QPSK	1	53	22.56	22.64	22.51		
40	QPSK	1	104	22.27	22.34	22.30		
40	QPSK	50	0	22.18	22.29	22.19	24.0	0.0
40	QPSK	50	28	22.23	22.35	22.25		
40	QPSK	50	56	22.02	22.16	22.03		
40	QPSK	100	0	22.22	22.33	22.25	23.0	1.0
40	16QAM	1	1	21.99	22.14	22.13	23.0	1.0
40	64QAM	1	1	20.19	20.29	20.25	21.5	2.5
40	256QAM	1	1	19.05	19.18	19.06	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.03	22.14	22.13	24.0	0.0
Channel				516524	519000	521476	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.62	2595	2607.38		
25	QPSK	1	1	22.07	22.10	22.09	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.02	22.19	22.16	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.00	22.23	22.09	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.00	22.15	22.08	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	21.05	21.07	21.05	23.0	0.0
40	PI/2 BPSK	1	53	21.13	21.16	21.19		
40	PI/2 BPSK	1	104	21.05	21.05	21.07		
40	PI/2 BPSK	50	0	20.86	21.04	21.01	22.5	0.5
40	PI/2 BPSK	50	28	21.02	21.04	21.08	23.0	0.0
40	PI/2 BPSK	50	56	21.02	21.11	20.91		
40	PI/2 BPSK	100	0	20.75	20.80	20.89	22.5	0.5
40	QPSK	1	1	21.14	21.17	21.07	23.0	0.0
40	QPSK	1	53	21.21	21.30	21.14		
40	QPSK	1	104	21.05	21.06	21.11		
40	QPSK	50	0	21.05	21.07	21.05		
40	QPSK	50	28	21.14	21.15	21.11		
40	QPSK	50	56	21.07	21.04	21.06		
40	QPSK	100	0	21.06	21.21	21.12	22.0	1.0
40	16QAM	1	1	20.81	21.00	20.88	22.0	1.0
40	64QAM	1	1	20.18	20.22	20.23	20.5	2.5
40	256QAM	1	1	18.27	18.32	18.30	18.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.06	21.11	21.08	23.0	0.0
Channel				516524	519000	521476	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.62	2595	2607.38		
25	QPSK	1	1	21.01	21.01	21.07	23.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.07	21.10	21.04	23.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.03	21.06	21.05	23.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.06	21.03	21.08	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				506202	516598	526993		
Frequency (MHz)				2496.01	2592.99	2689		
100	PI/2 BPSK	1	1	22.04	22.01	22.05	24.0	0.0
100	PI/2 BPSK	1	137	22.58	22.62	22.64		
100	PI/2 BPSK	1	271	22.04	22.05	22.10		
100	PI/2 BPSK	135	0	22.57	22.55	22.60	23.5	0.5
100	PI/2 BPSK	135	69	22.60	22.60	22.60	24.0	0.0
100	PI/2 BPSK	135	138	22.55	22.64	22.59		
100	PI/2 BPSK	270	0	22.64	22.59	22.61	23.5	0.5
100	QPSK	1	1	22.01	22.04	22.05	24.0	0.0
100	QPSK	1	137	22.65	22.67	22.64		
100	QPSK	1	271	22.06	22.03	22.06		
100	QPSK	135	0	22.53	22.50	22.46	24.0	0.0
100	QPSK	135	69	22.54	22.59	22.55		
100	QPSK	135	138	22.50	22.51	22.46		
100	QPSK	270	0	22.40	22.45	22.35	23.0	1.0
100	16QAM	1	1	21.73	21.70	21.69	23.0	1.0
100	64QAM	1	1	20.96	20.95	20.92	21.5	2.5
100	256QAM	1	1	19.10	19.15	19.18	19.5	4.5
Channel				506200	516598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2491	2592.99	2694.98		
90	QPSK	1	1	22.53	22.59	22.51	24.0	0.0
Channel				507204	516598	525993	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.93		
80	QPSK	1	1	22.51	22.57	22.54	24.0	0.0
Channel				508202	516598	531003	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.54	22.52	22.44	24.0	0.0
Channel				505200	516598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.53	22.52	22.40	24.0	0.0
Channel				504204	516598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.55	22.56	22.44	24.0	0.0
Channel				503202	516598	534003	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.53	22.53	22.48	24.0	0.0
Channel				502704	516598	534495	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	22.38	22.41	22.37	24.0	0.0
Channel				502200	516598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.57	22.58	22.51	24.0	0.0
Channel				501204	516598	535989	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.93		
20	QPSK	1	1	22.47	22.59	22.50	24.0	0.0
Channel				500700	516598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.54	22.58	22.55	24.0	0.0
Channel				500202	516598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.61	22.53	22.50	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	516598	526993		
Frequency (MHz)				2496.01	2592.99	2689		
100	PI/2 BPSK	1	1	20.28	20.43	20.43	23.0	0.0
100	PI/2 BPSK	1	137	21.22	21.32	21.27		
100	PI/2 BPSK	1	271	20.25	20.30	20.21		
100	PI/2 BPSK	135	0	20.51	20.59	20.65	22.5	0.5
100	PI/2 BPSK	135	69	20.68	20.66	20.72	23.0	0.0
100	PI/2 BPSK	135	138	20.80	20.82	20.70		
100	PI/2 BPSK	270	0	20.56	20.74	20.63	22.5	0.5
100	QPSK	1	1	20.35	20.46	20.47	23.0	0.0
100	QPSK	1	137	21.24	21.34	21.30		
100	QPSK	1	271	20.33	20.38	20.23		
100	QPSK	135	0	21.13	21.13	21.06	23.0	0.0
100	QPSK	135	69	21.22	21.23	21.11		
100	QPSK	135	138	21.15	21.24	21.08		
100	QPSK	270	0	20.83	21.01	20.96	22.0	1.0
100	16QAM	1	1	20.09	20.10	20.07	22.0	1.0
100	64QAM	1	1	19.99	20.02	20.07	20.5	2.5
100	256QAM	1	1	17.90	18.02	17.95	18.5	4.5
Channel				506200	516598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2491	2592.99	2694.98		
90	QPSK	1	1	21.17	21.23	21.09	23.0	0.0
Channel				507204	516598	525993	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.93		
80	QPSK	1	1	21.05	21.10	21.17	23.0	0.0
Channel				508202	516598	531003	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.23	21.20	21.21	23.0	0.0
Channel				505200	516598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.17	21.28	21.19	23.0	0.0
Channel				504204	516598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.07	21.27	21.22	23.0	0.0
Channel				503202	516598	534003	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.14	21.24	21.10	23.0	0.0
Channel				502704	516598	534495	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	21.09	21.22	21.17	23.0	0.0
Channel				502200	516598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.10	21.21	21.23	23.0	0.0
Channel				501204	516598	535989	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.93		
20	QPSK	1	1	21.23	21.32	21.13	23.0	0.0
Channel				500700	516598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.04	21.23	21.15	23.0	0.0
Channel				500202	516598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.23	21.30	21.22	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					636333			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.26		24.0	0.0
100	PI/2 BPSK	1	137		22.31			
100	PI/2 BPSK	1	271		21.57			
100	PI/2 BPSK	135	0		21.55		23.5	0.5
100	PI/2 BPSK	135	69		22.30		24.0	0.0
100	PI/2 BPSK	135	138		21.51		23.5	0.5
100	PI/2 BPSK	270	0		21.52			
100	QPSK	1	1		22.27		24.0	0.0
100	QPSK	1	137		22.33			
100	QPSK	1	271		21.50			
100	QPSK	135	0		20.93		24.0	0.0
100	QPSK	135	69		22.22			
100	QPSK	135	138		21.00			
100	QPSK	270	0		21.05		23.0	1.0
100	16QAM	1	1		21.06		23.0	1.0
100	64QAM	1	1		19.52		21.5	2.5
100	256QAM	1	1		18.08		19.5	4.5
Channel				632000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.11	22.08	22.10	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3496.02	3499.98	3503.99		
80	QPSK	1	1	22.11	22.08	22.12	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3493.01	3499.98	3506.98		
70	QPSK	1	1	22.09	22.17	22.21	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3509.98		
60	QPSK	1	1	22.23	22.22	22.09	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3486.02	3499.98	3515		
50	QPSK	1	1	22.13	22.20	22.20	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3479.01	3499.98	3520.98		
40	QPSK	1	1	22.08	22.08	22.20	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.22	22.09	22.17	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.51	3499.98	3537.48		
25	QPSK	1	1	22.18	22.16	22.16	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.25	22.15	22.17	24.0	0.0
Channel				630990	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.5	3499.98	3532.49		
15	QPSK	1	1	22.05	22.06	22.16	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.51	3499.98	3544.98		
10	QPSK	1	1	22.22	22.19	22.10	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				635000	636000	637000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.42	21.45	21.38	24.0	0.0
100	PI/2 BPSK	1	137	22.34	22.39	22.35		
100	PI/2 BPSK	1	271	21.55	21.59	21.47		
100	PI/2 BPSK	135	0	21.59	21.65	21.54	23.5	0.5
100	PI/2 BPSK	135	69	22.28	22.40	22.31	24.0	0.0
100	PI/2 BPSK	135	138	21.68	21.69	21.65	23.5	0.5
100	PI/2 BPSK	270	0	21.54	21.64	21.54		
100	QPSK	1	1	21.51	21.53	21.44	24.0	0.0
100	QPSK	1	137	22.42	22.50	22.38		
100	QPSK	1	271	21.53	21.63	21.49		
100	QPSK	135	0	20.94	21.06	20.92	24.0	0.0
100	QPSK	135	69	22.33	22.34	22.31		
100	QPSK	135	138	21.08	21.16	21.10		
100	QPSK	270	0	21.04	21.05	21.01	23.0	1.0
100	16QAM	1	1	20.21	20.24	20.12	23.0	1.0
100	64QAM	1	1	18.63	18.74	18.68	21.5	2.5
100	256QAM	1	1	17.27	17.30	17.27	19.5	4.5
Channel				636668	636000	637332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3760.02	3840	3919.98		
90	QPSK	1	1	22.12	22.32	22.13	24.0	0.0
Channel				636334	636000	637666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	22.15	22.34	22.16	24.0	0.0
Channel				636000	636000	638000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
70	QPSK	1	1	22.07	22.39	22.22	24.0	0.0
Channel				635668	636000	638332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3700.02	3840	3979.98		
60	QPSK	1	1	22.15	22.40	22.13	24.0	0.0
Channel				635334	636000	638666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3680.01	3840	3999.99		
50	QPSK	1	1	22.09	22.46	22.14	24.0	0.0
Channel				635000	636000	639000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3660	3840	4020		
40	QPSK	1	1	22.13	22.40	22.12	24.0	0.0
Channel				634666	636000	639332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3639.99	3840	4040.01		
30	QPSK	1	1	22.06	22.39	22.08	24.0	0.0
Channel				634334	636000	639666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3619.98	3840	4060.02		
25	QPSK	1	1	22.21	22.36	22.14	24.0	0.0
Channel				634334	636000	639666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3619.98	3840	4060.02		
20	QPSK	1	1	22.11	22.39	22.18	24.0	0.0
Channel				634168	636000	639832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.52	3840	4072.48		
15	QPSK	1	1	22.06	22.24	22.05	24.0	0.0
Channel				634000	636000	640000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3840	4095		
10	QPSK	1	1	22.15	22.32	22.08	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.74		18.0	0.0
100	PI/2 BPSK	1	137		16.74			
100	PI/2 BPSK	1	271		16.77			
100	PI/2 BPSK	135	0		16.61		18.0	0.0
100	PI/2 BPSK	135	69		16.66		18.0	0.0
100	PI/2 BPSK	135	138		16.77		18.0	0.0
100	PI/2 BPSK	270	0		16.75			
100	QPSK	1	1		16.63		18.0	0.0
100	QPSK	1	137		16.66			
100	QPSK	1	271		16.67			
100	QPSK	135	0		16.77		18.0	0.0
100	QPSK	135	69		16.69			
100	QPSK	135	138		16.62			
100	QPSK	270	0		16.74		18.0	0.0
100	16QAM	1	1		16.63		18.0	0.0
100	64QAM	1	1		14.67		17.0	1.0
100	256QAM	1	1		13.22		15.0	3.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.75	16.62	16.62	18.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3496.02	3499.98	3503.99		
80	QPSK	1	1	16.62	16.78	16.75	18.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3493.01	3499.98	3506.98		
70	QPSK	1	1	16.65	16.71	16.80	18.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3509.98		
60	QPSK	1	1	16.72	16.78	16.69	18.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3486.02	3499.98	3515		
50	QPSK	1	1	16.62	16.76	16.74	18.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3479.01	3499.98	3520.98		
40	QPSK	1	1	16.71	16.75	16.80	18.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.70	16.73	16.68	18.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.51	3499.98	3537.48		
25	QPSK	1	1	16.71	16.72	16.74	18.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.74	16.70	16.77	18.0	0.0
Channel				630990	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.5	3499.98	3532.49		
15	QPSK	1	1	16.63	16.79	16.81	18.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.51	3499.98	3544.98		
10	QPSK	1	1	16.71	16.77	16.71	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				635000	636000	637000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.40	16.44	16.44	18.0	0.0
100	PI/2 BPSK	1	137	16.40	16.49	16.41		
100	PI/2 BPSK	1	271	16.33	16.52	16.40		
100	PI/2 BPSK	135	0	16.38	16.53	16.50	18.0	0.0
100	PI/2 BPSK	135	69	16.31	16.49	16.38	18.0	0.0
100	PI/2 BPSK	135	138	16.38	16.53	16.37	18.0	0.0
100	PI/2 BPSK	270	0	16.45	16.44	16.47		
100	QPSK	1	1	16.41	16.57	16.50	18.0	0.0
100	QPSK	1	137	16.56	16.71	16.59		
100	QPSK	1	271	16.50	16.70	16.42		
100	QPSK	135	0	16.40	16.55	16.39	18.0	0.0
100	QPSK	135	69	16.46	16.56	16.51		
100	QPSK	135	138	16.34	16.45	16.40		
100	QPSK	270	0	16.35	16.54	16.48	18.0	0.0
100	16QAM	1	1	16.37	16.45	16.42	18.0	0.0
100	64QAM	1	1	14.26	14.28	14.19	17.0	1.0
100	256QAM	1	1	12.59	12.73	12.62	15.0	3.0
Channel				636668	636000	637332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3760.02	3840	3919.98		
90	QPSK	1	1	16.33	16.40	16.45	18.0	0.0
Channel				636334	636000	637666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	16.40	16.46	16.50	18.0	0.0
Channel				636000	636000	638000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
70	QPSK	1	1	16.36	16.43	16.43	18.0	0.0
Channel				635668	636000	638332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3700.02	3840	3979.98		
60	QPSK	1	1	16.41	16.54	16.45	18.0	0.0
Channel				635334	636000	638666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3680.01	3840	3999.99		
50	QPSK	1	1	16.41	16.52	16.43	18.0	0.0
Channel				635000	636000	639000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3660	3840	4020		
40	QPSK	1	1	16.36	16.55	16.44	18.0	0.0
Channel				634666	636000	639332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3639.99	3840	4040.01		
30	QPSK	1	1	16.33	16.50	16.41	18.0	0.0
Channel				634334	636000	639666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3619.98	3840	4060.02		
25	QPSK	1	1	16.35	16.46	16.46	18.0	0.0
Channel				634334	636000	639666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3619.98	3840	4060.02		
20	QPSK	1	1	16.42	16.48	16.43	18.0	0.0
Channel				634168	636000	639832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.52	3840	4072.48		
15	QPSK	1	1	16.38	16.47	16.43	18.0	0.0
Channel				634000	636000	640000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3840	4095		
10	QPSK	1	1	16.34	16.44	16.39	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.65		24.0	0.0
100	PI/2 BPSK	1	137		22.86			
100	PI/2 BPSK	1	271		22.06			
100	PI/2 BPSK	135	0		21.93		23.5	0.5
100	PI/2 BPSK	135	69		22.81		24.0	0.0
100	PI/2 BPSK	135	138		22.22		23.5	0.5
100	PI/2 BPSK	270	0		22.02			
100	QPSK	1	1		21.72		24.0	0.0
100	QPSK	1	137		22.90			
100	QPSK	1	271		22.10			
100	QPSK	135	0		21.43		24.0	0.0
100	QPSK	135	69		22.76			
100	QPSK	135	138		21.59			
100	QPSK	270	0		21.41		23.0	1.0
100	16QAM	1	1		20.32		23.0	1.0
100	64QAM	1	1		18.83		21.5	2.5
100	256QAM	1	1		17.36		19.5	4.5
Channel				630000	633332	636665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
90	QPSK	1	1	22.68	22.70	22.70	24.0	0.0
Channel				630668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.68	22.71	22.74	24.0	0.0
Channel				630334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.01	3499.98	3519.98		
70	QPSK	1	1	22.72	22.76	22.80	24.0	0.0
Channel				630000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.96		
60	QPSK	1	1	22.80	22.88	22.73	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.74	22.82	22.80	24.0	0.0
Channel				631334	633332	633332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.77	22.87	22.83	24.0	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.83	22.74	22.75	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.01	3499.98	3537.48		
25	QPSK	1	1	22.78	22.80	22.75	24.0	0.0
Channel				630168	633332	636500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3492.02	3499.98	3540		
20	QPSK	1	1	22.80	22.82	22.81	24.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.5	3499.98	3542.48		
15	QPSK	1	1	22.72	22.71	22.81	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	22.74	22.76	22.86	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3550	3840	3920		
100	PI/2 BPSK	1	1	22.24	22.08	22.12	24.0	0.0
100	PI/2 BPSK	1	137	23.53	23.35	23.43		
100	PI/2 BPSK	1	271	22.28	22.10	22.09		
100	PI/2 BPSK	135	0	22.58	22.39	22.48	23.5	0.5
100	PI/2 BPSK	135	69	23.46	23.32	23.27	24.0	0.0
100	PI/2 BPSK	135	138	22.58	22.42	22.42	23.5	0.5
100	PI/2 BPSK	270	0	22.58	22.44	22.46		
100	QPSK	1	1	22.26	22.09	22.10	24.0	0.0
100	QPSK	1	137	23.54	23.43	23.38		
100	QPSK	1	271	22.27	22.09	22.13		
100	QPSK	135	0	22.64	22.04	22.06	24.0	0.0
100	QPSK	135	69	23.35	23.18	23.17		
100	QPSK	135	138	22.56	22.02	22.60		
100	QPSK	270	0	21.90	21.72	21.73	23.0	1.0
100	16QAM	1	1	21.00	21.00	21.00	23.0	1.0
100	64QAM	1	1	19.54	19.52	19.51	21.5	2.5
100	256QAM	1	1	17.88	17.87	17.81	19.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	23.27	23.03	22.96	24.0	0.0
Channel				649334	656000	662665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	23.20	23.05	22.94	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3840	3940		
70	QPSK	1	1	23.19	23.08	23.11	24.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720.02	3840	3949.98		
60	QPSK	1	1	23.37	22.99	22.93	24.0	0.0
Channel				648334	656000	663665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.01	3840	3964.99		
50	QPSK	1	1	23.22	23.02	23.03	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3700	3840	3980		
40	QPSK	1	1	23.37	23.09	23.03	24.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	23.41	22.98	22.91	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.28	22.95	22.96	24.0	0.0
Channel				647334	656000	664665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	23.30	22.88	22.95	24.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	23.27	22.97	22.93	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.30	22.78	22.94	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.80		19.5	0.0
100	PI/2 BPSK	1	137		18.52			
100	PI/2 BPSK	1	271		17.50			
100	PI/2 BPSK	135	0		17.88		19.0	0.5
100	PI/2 BPSK	135	69		18.49		19.5	0.0
100	PI/2 BPSK	135	138		17.70		19.0	0.5
100	PI/2 BPSK	270	0		17.71			
100	QPSK	1	1		17.82		19.5	0.0
100	QPSK	1	137		18.57			
100	QPSK	1	271		17.39			
100	QPSK	135	0		17.39		19.5	0.0
100	QPSK	135	69		18.41			
100	QPSK	135	138		17.13			
100	QPSK	270	0		17.12		18.5	1.0
100	16QAM	1	1		16.53		18.5	1.0
100	64QAM	1	1		15.03		17.0	2.5
100	256QAM	1	1		13.50		15.0	4.5
Channel				630000	633332	636665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
90	QPSK	1	1	18.47	18.50	18.33	19.5	0.0
Channel				630668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.40	18.50	18.37	19.5	0.0
Channel				630334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.01	3499.98	3519.98		
70	QPSK	1	1	18.44	18.56	18.29	19.5	0.0
Channel				630000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.96		
60	QPSK	1	1	18.42	18.51	18.41	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.45	18.56	18.51	19.5	0.0
Channel				631334	633332	633332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.46	18.56	18.46	19.5	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.48	18.47	18.42	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.01	3499.98	3537.48		
25	QPSK	1	1	18.42	18.56	18.38	19.5	0.0
Channel				630168	633332	636500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3492.02	3499.98	3540		
20	QPSK	1	1	18.41	18.51	18.34	19.5	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.5	3499.98	3542.48		
15	QPSK	1	1	18.44	18.49	18.33	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.39	18.48	18.31	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3550	3840	3920		
100	PI/2 BPSK	1	1	16.98	17.11	17.09	19.5	0.0
100	PI/2 BPSK	1	137	18.25	18.34	18.22		
100	PI/2 BPSK	1	271	17.61	17.73	17.67		
100	PI/2 BPSK	135	0	17.34	17.40	17.34	19.0	0.5
100	PI/2 BPSK	135	69	18.21	18.29	18.20	19.5	0.0
100	PI/2 BPSK	135	138	17.71	17.75	17.61	19.0	0.5
100	PI/2 BPSK	270	0	17.38	17.45	17.44		
100	QPSK	1	1	17.10	17.12	17.06	19.5	0.0
100	QPSK	1	137	18.26	18.39	18.31		
100	QPSK	1	271	17.60	17.74	17.64		
100	QPSK	135	0	16.75	16.86	16.73	19.5	0.0
100	QPSK	135	69	18.16	18.18	18.10		
100	QPSK	135	138	17.06	17.14	17.00		
100	QPSK	270	0	16.92	16.93	16.82	18.5	1.0
100	16QAM	1	1	15.71	15.79	15.70	18.5	1.0
100	64QAM	1	1	14.19	14.32	14.20	17.0	2.5
100	256QAM	1	1	12.65	12.80	12.74	15.0	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.22	18.30	18.23	19.5	0.0
Channel				649334	656000	662665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	18.17	18.19	18.20	19.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3840	3940		
70	QPSK	1	1	18.17	18.30	18.26	19.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720.02	3840	3949.98		
60	QPSK	1	1	18.24	18.24	18.26	19.5	0.0
Channel				648334	656000	663665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.01	3840	3964.99		
50	QPSK	1	1	18.24	18.33	18.23	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3700	3840	3980		
40	QPSK	1	1	18.18	18.21	18.24	19.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	18.17	18.29	18.33	19.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.15	18.30	18.18	19.5	0.0
Channel				647334	656000	664665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.25	18.32	18.15	19.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	18.30	18.32	18.18	19.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.21	18.27	18.10	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.27		24.0	0.0
100	PI/2 BPSK	1	137		22.16			
100	PI/2 BPSK	1	271		21.62			
100	PI/2 BPSK	135	0		21.54		23.5	0.5
100	PI/2 BPSK	135	69		22.13		24.0	0.0
100	PI/2 BPSK	135	138		21.60		23.5	0.5
100	PI/2 BPSK	270	0		21.55			
100	QPSK	1	1		21.16		24.0	0.0
100	QPSK	1	137		22.30			
100	QPSK	1	271		21.66			
100	QPSK	135	0		20.91		24.0	0.0
100	QPSK	135	69		22.23			
100	QPSK	135	138		21.62			
100	QPSK	270	0		21.03		23.0	1.0
100	16QAM	1	1		19.97		23.0	1.0
100	64QAM	1	1		18.44		21.5	2.5
100	256QAM	1	1		17.00		19.5	4.5
Channel				630000	633332	636665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
90	QPSK	1	1	22.08	22.15	22.22	24.0	0.0
Channel				630658	633332	634009	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.02	3499.98	3519		
80	QPSK	1	1	22.13	22.10	22.14	24.0	0.0
Channel				630334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3499.98	3534.98		
70	QPSK	1	1	22.11	22.24	22.08	24.0	0.0
Channel				630000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450	3499.98	3549.99		
60	QPSK	1	1	22.18	22.18	22.10	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.17	22.25	22.17	24.0	0.0
Channel				631334	633332	633332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.17	22.19	22.01	24.0	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.11	22.21	22.09	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.51	3499.98	3547.48		
25	QPSK	1	1	22.18	22.23	22.13	24.0	0.0
Channel				630658	633332	636009	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3440.02	3499.98	3560		
20	QPSK	1	1	22.07	22.10	22.16	24.0	0.0
Channel				630660	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3447.7	3499.98	3552.28		
15	QPSK	1	1	22.11	22.15	22.09	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3435.01	3499.98	3564.98		
10	QPSK	1	1	22.12	22.08	22.07	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.49		24.0	0.0
100	PI/2 BPSK	1	137		22.18			
100	PI/2 BPSK	1	271		21.12			
100	PI/2 BPSK	135	0		21.62		23.5	0.5
100	PI/2 BPSK	135	69		22.16		24.0	0.0
100	PI/2 BPSK	135	138		21.44		23.5	0.5
100	PI/2 BPSK	270	0		21.54			
100	QPSK	1	1		21.53		24.0	0.0
100	QPSK	1	137		22.23			
100	QPSK	1	271		21.15			
100	QPSK	135	0		21.17		24.0	0.0
100	QPSK	135	69		22.14			
100	QPSK	135	138		21.18			
100	QPSK	270	0		21.05		23.0	1.0
100	16QAM	1	1		20.23		23.0	1.0
100	64QAM	1	1		18.91		21.5	2.5
100	256QAM	1	1		17.54		19.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3750	3750.98		
90	QPSK	1	1	22.08	22.11	22.12	24.0	0.0
Channel				649334	650000	650665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3753.99		
80	QPSK	1	1	22.06	22.21	22.15	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3750	3760		
70	QPSK	1	1	22.16	22.10	22.12	24.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3736.02	3750	3763.98		
60	QPSK	1	1	22.15	22.10	22.16	24.0	0.0
Channel				648334	650000	651665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3726.01	3750	3774.99		
50	QPSK	1	1	22.22	22.09	22.08	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.12	22.11	22.17	24.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	22.09	22.09	22.11	24.0	0.0
Channel				647335	650000	652665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.12	22.08	22.00	24.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	22.06	22.11	22.15	24.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	22.10	22.15	22.16	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.06	22.14	22.10	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.76		18.0	0.0
100	PI/2 BPSK	1	137		16.77			
100	PI/2 BPSK	1	271		16.68			
100	PI/2 BPSK	135	0		16.78		18.0	0.0
100	PI/2 BPSK	135	69		16.79		18.0	0.0
100	PI/2 BPSK	135	138		16.67		18.0	0.0
100	PI/2 BPSK	270	0		16.73			
100	QPSK	1	1		16.86		18.0	0.0
100	QPSK	1	137		16.93			
100	QPSK	1	271		16.80			
100	QPSK	135	0		16.77		18.0	0.0
100	QPSK	135	69		16.82			
100	QPSK	135	138		16.80			
100	QPSK	270	0		16.69		18.0	0.0
100	16QAM	1	1		16.67		18.0	0.0
100	64QAM	1	1		14.55		17.0	1.0
100	256QAM	1	1		13.13		15.0	3.0
Channel				630000	633332	636665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
90	QPSK	1	1	16.53	16.75	16.57	18.0	0.0
Channel				630658	633332	634009	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.02	3499.98	3519		
80	QPSK	1	1	16.53	16.69	16.61	18.0	0.0
Channel				630334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3499.98	3534.98		
70	QPSK	1	1	16.72	16.66	16.59	18.0	0.0
Channel				630000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450	3499.98	3549.99		
60	QPSK	1	1	16.65	16.74	16.58	18.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.65	16.76	16.51	18.0	0.0
Channel				631334	633332	633332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.64	16.71	16.57	18.0	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.63	16.71	16.63	18.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.51	3499.98	3547.48		
25	QPSK	1	1	16.72	16.76	16.58	18.0	0.0
Channel				630658	633332	636009	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3440.02	3499.98	3560		
20	QPSK	1	1	16.70	16.64	16.61	18.0	0.0
Channel				630660	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3447.7	3499.98	3552.28		
15	QPSK	1	1	16.62	16.65	16.51	18.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3435.01	3499.98	3564.98		
10	QPSK	1	1	16.61	16.75	16.55	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.43		18.0	0.0
100	PI/2 BPSK	1	137		16.47			
100	PI/2 BPSK	1	271		16.45			
100	PI/2 BPSK	135	0		16.46		18.0	0.0
100	PI/2 BPSK	135	69		16.44		18.0	0.0
100	PI/2 BPSK	135	138		16.47		18.0	0.0
100	PI/2 BPSK	270	0		16.37			
100	QPSK	1	1		16.62		18.0	0.0
100	QPSK	1	137		16.64			
100	QPSK	1	271		16.52			
100	QPSK	135	0		16.46		18.0	0.0
100	QPSK	135	69		16.52			
100	QPSK	135	138		16.47			
100	QPSK	270	0		16.50		18.0	0.0
100	16QAM	1	1		16.43		18.0	0.0
100	64QAM	1	1		14.29		17.0	1.0
100	256QAM	1	1		12.76		15.0	3.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3750	3750.98		
90	QPSK	1	1	16.38	16.40	16.46	18.0	0.0
Channel				649334	650000	650665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3753.99		
80	QPSK	1	1	16.35	16.34	16.32	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3750	3760		
70	QPSK	1	1	16.26	16.32	16.41	18.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3736.02	3750	3763.98		
60	QPSK	1	1	16.23	16.28	16.32	18.0	0.0
Channel				648334	650000	651665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3726.01	3750	3774.99		
50	QPSK	1	1	16.31	16.38	16.38	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.31	16.25	16.32	18.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	16.35	16.29	16.34	18.0	0.0
Channel				647335	650000	652665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.30	16.25	16.45	18.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	16.35	16.37	16.33	18.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	16.33	16.29	16.43	18.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.36	16.28	16.43	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.60		24.0	0.0
100	PI/2 BPSK	1	137		22.88			
100	PI/2 BPSK	1	271		22.46			
100	PI/2 BPSK	135	0		22.04		23.5	0.5
100	PI/2 BPSK	135	69		22.83		24.0	0.0
100	PI/2 BPSK	135	138		22.35		23.5	0.5
100	PI/2 BPSK	270	0		22.08			
100	QPSK	1	1		21.62		24.0	0.0
100	QPSK	1	137		22.90			
100	QPSK	1	271		22.40			
100	QPSK	135	0		21.46		24.0	0.0
100	QPSK	135	69		22.80			
100	QPSK	135	138		22.01			
100	QPSK	270	0		21.49		23.0	1.0
100	16QAM	1	1		20.31		23.0	1.0
100	64QAM	1	1		18.90		21.5	2.5
100	256QAM	1	1		17.52		19.5	4.5
Channel				630000	633332	636665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
90	QPSK	1	1	22.78	22.72	22.22	24.0	0.0
Channel				630658	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.71	22.69	22.77	24.0	0.0
Channel				630334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3499.98	3534.98		
70	QPSK	1	1	22.62	22.73	22.70	24.0	0.0
Channel				630000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3539.98		
60	QPSK	1	1	22.72	22.65	22.77	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.67	22.72	22.73	24.0	0.0
Channel				631334	633332	633332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.76	22.67	22.70	24.0	0.0
Channel				631000	633332	633665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.68	22.80	22.69	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.51	3499.98	3537.48		
25	QPSK	1	1	22.69	22.82	22.70	24.0	0.0
Channel				630658	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3440.02	3499.98	3540		
20	QPSK	1	1	22.68	22.69	22.78	24.0	0.0
Channel				630000	633332	636165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3427.5	3499.98	3542.48		
15	QPSK	1	1	22.74	22.68	22.75	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3415.01	3499.98	3544.98		
10	QPSK	1	1	22.58	22.66	22.78	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.18		24.0	0.0
100	PI/2 BPSK	1	137		23.20			
100	PI/2 BPSK	1	271		22.32			
100	PI/2 BPSK	135	0		22.59		23.5	0.5
100	PI/2 BPSK	135	69		23.20		24.0	0.0
100	PI/2 BPSK	135	138		22.50		23.5	0.5
100	PI/2 BPSK	270	0		22.42			
100	QPSK	1	1		22.23		24.0	0.0
100	QPSK	1	137		23.24			
100	QPSK	1	271		22.22			
100	QPSK	135	0		22.04		24.0	0.0
100	QPSK	135	69		23.14			
100	QPSK	135	138		22.03			
100	QPSK	270	0		21.83		23.0	1.0
100	16QAM	1	1		21.03		23.0	1.0
100	64QAM	1	1		19.54		21.5	2.5
100	256QAM	1	1		17.97		19.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	22.98	22.94	22.63	24.0	0.0
Channel				649334	650000	650665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	23.05	23.00	23.01	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.94	23.06	23.02	24.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	23.03	22.92	22.91	24.0	0.0
Channel				648334	650000	651665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	23.00	23.05	22.97	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.94	23.05	22.96	24.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	23.04	22.97	22.87	24.0	0.0
Channel				647334	650000	652665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.91	23.04	22.87	24.0	0.0
Channel				647334	650000	652665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	22.98	23.04	22.91	24.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	22.93	22.96	23.01	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.97	23.00	22.89	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.81		19.5	0.0
100	PI/2 BPSK	1	137		18.48			
100	PI/2 BPSK	1	271		17.70			
100	PI/2 BPSK	135	0		17.93		19.0	0.5
100	PI/2 BPSK	135	69		18.46		19.5	0.0
100	PI/2 BPSK	135	138		17.80		19.0	0.5
100	PI/2 BPSK	270	0		17.73			
100	QPSK	1	1		17.80		19.5	0.0
100	QPSK	1	137		18.56			
100	QPSK	1	271		17.64			
100	QPSK	135	0		17.31		19.5	0.0
100	QPSK	135	69		18.41			
100	QPSK	135	138		17.26			
100	QPSK	270	0		17.16		18.5	1.0
100	16QAM	1	1		16.50		18.5	1.0
100	64QAM	1	1		15.04		17.0	2.5
100	256QAM	1	1		13.56		15.0	4.5
Channel				630000	633332	636665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
90	QPSK	1	1	18.42	18.42	18.40	19.5	0.0
Channel				630658	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.45	18.53	18.30	19.5	0.0
Channel				630334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3499.98	3534.98		
70	QPSK	1	1	18.43	18.47	18.41	19.5	0.0
Channel				630000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3539.98		
60	QPSK	1	1	18.49	18.42	18.33	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.44	18.46	18.47	19.5	0.0
Channel				631334	633332	633332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.43	18.37	18.34	19.5	0.0
Channel				631000	633332	633665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.33	18.40	18.54	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.51	3499.98	3537.48		
25	QPSK	1	1	18.42	18.42	18.45	19.5	0.0
Channel				630658	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3440.02	3499.98	3540		
20	QPSK	1	1	18.44	18.50	18.37	19.5	0.0
Channel				630000	633332	636165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3427.5	3499.98	3542.48		
15	QPSK	1	1	18.43	18.49	18.35	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3415.01	3499.98	3544.98		
10	QPSK	1	1	18.42	18.43	18.37	19.5	0.0

Part27O_n78_Ant 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.10		19.5	0.0
100	PI/2 BPSK	1	137		18.09			
100	PI/2 BPSK	1	271		17.16			
100	PI/2 BPSK	135	0		17.33		19.0	0.5
100	PI/2 BPSK	135	69		18.01		19.5	0.0
100	PI/2 BPSK	135	138		17.20		19.0	0.5
100	PI/2 BPSK	270	0		17.23			
100	QPSK	1	1		17.12		19.5	0.0
100	QPSK	1	137		18.11			
100	QPSK	1	271		17.08			
100	QPSK	135	0		16.67		19.5	0.0
100	QPSK	135	69		17.90			
100	QPSK	135	138		16.60			
100	QPSK	270	0		16.65		18.5	1.0
100	16QAM	1	1		15.86		18.5	1.0
100	64QAM	1	1		14.32		17.0	2.5
100	256QAM	1	1		12.90		15.0	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	17.87	17.94	17.95	19.5	0.0
Channel				649334	650000	650665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	17.96	17.98	17.92	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.95	18.06	17.89	19.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	17.97	18.01	17.80	19.5	0.0
Channel				648334	650000	651665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	17.92	17.99	17.89	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.88	17.90	17.85	19.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	17.87	17.98	17.85	19.5	0.0
Channel				647334	650000	652665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.88	18.01	17.85	19.5	0.0
Channel				647334	650000	652665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	17.99	17.98	17.87	19.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	18.02	18.04	17.87	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.01	17.88	17.78	19.5	0.0

<WLAN 2.4GHz_FCC>

2.4GHz WLAN_Ant 6				Default		Head_Standalone		Head_Simultaneous		Body Worn_Standalone		Body Worn_Simultaneous		Extremity_Standalone		Extremity_Simultaneous		Hotspot		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.30	20.50	18.90	20.00	15.80	17.00	19.30	20.50	16.70	18.00	19.30	20.50	19.30	20.50	18.30	19.50	99.64
		6	2437	19.80	20.50	19.40	20.00	16.30	17.00	19.80	20.50	17.30	18.00	19.80	20.50	19.80	20.50	18.80	19.50	
		11	2462	19.30	20.50	18.80	20.00	15.80	17.00	19.30	20.50	16.90	18.00	19.30	20.50	19.30	20.50	18.40	19.50	
	802.11g 6Mbps	1	2412	17.30	19.00	No Required	19.00	No Required	17.00	17.30	19.00	No Required	18.00	17.30	19.00	17.30	19.00	No Required	19.00	100.00
		6	2437	19.10	20.50		20.00		17.00	19.10	20.50		18.00	19.10	20.50	19.10	20.50		19.50	
		11	2462	17.70	19.50		19.50		17.00	17.70	19.50		18.00	17.70	19.50	17.70	19.50		19.50	
	802.11n-HT20 MCS0	1	2412	17.20	19.00		19.00		17.00	17.20	19.00		18.00	17.20	19.00	17.20	19.00		19.00	100.00
		6	2437	19.00	20.50		20.00		17.00	19.00	20.50		18.00	19.00	20.50	19.00	20.50		19.50	
		11	2462	16.80	18.50		18.50		17.00	16.80	18.50		18.00	16.80	18.50	16.80	18.50		18.50	
	802.11n-HT40 MCS0	3	2422	14.70	16.00		16.00		16.00	14.70	16.00		16.00	14.70	16.00	14.70	16.00		16.00	100.00
		6	2437	17.10	18.50		18.50		17.00	17.10	18.50		18.00	17.10	18.50	17.10	18.50		18.50	
		9	2452	14.60	16.00		16.00		16.00	14.60	16.00		16.00	14.60	16.00	14.60	16.00		16.00	
	802.11ac-VHT20 MCS0	1	2412	17.10	19.00		19.00		17.00	17.10	19.00		18.00	17.10	19.00	17.10	19.00		19.00	100.00
		6	2437	18.90	20.50		20.00		17.00	18.90	20.50		18.00	18.90	20.50	18.90	20.50		19.50	
		11	2462	16.70	18.50		18.50		17.00	16.70	18.50		18.00	16.70	18.50	16.70	18.50		18.50	
	802.11ac-VHT40 MCS0	3	2422	14.60	16.00		16.00		16.00	14.60	16.00		16.00	14.60	16.00	14.60	16.00		16.00	100.00
		6	2437	17.00	18.50		18.50		17.00	17.00	18.50		18.00	17.00	18.50	17.00	18.50		18.50	
		9	2452	14.50	16.00		16.00		16.00	14.50	16.00		16.00	14.50	16.00	14.50	16.00		16.00	

<WLAN 5GHz_FCC>

5.2GHz WLAN_Ant 5				Default		Head_Standalone		Head_Simultaneous		Body Worn_Standalone		Body Worn_Simultaneous		Extremity_Standalone		Extremity_Simultaneous		Hotspot		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	18.92	20.50	18.50	20.00	No Required	17.00	18.92	20.50	No Required	17.00	18.01	19.50	No Required	15.50	No Required	16.00	96.55
		40	5200	18.90	20.50	18.44	20.00		17.00	18.90	20.50		17.00	17.86	19.50		15.50		16.00	
		44	5220	18.89	20.50	18.48	20.00		17.00	18.89	20.50		17.00	17.86	19.50		15.50		16.00	
		48	5240	18.78	20.50	18.36	20.00		17.00	18.78	20.50		17.00	17.81	19.50		15.50		16.00	
	802.11n-HT20 MCS0	36	5180	18.81	20.50	No Required	20.00		17.00	18.81	20.50		17.00	No Required	19.50		15.50		16.00	96.27
		40	5200	18.81	20.50		20.00		17.00	18.81	20.50		17.00		19.50		15.50		16.00	
		44	5220	18.79	20.50		20.00		17.00	18.79	20.50		17.00		19.50		15.50		16.00	
		48	5240	18.78	20.50		20.00		17.00	18.78	20.50		17.00		19.50		15.50		16.00	
	802.11n-HT40 MCS0	38	5190	15.26	17.00		17.00	15.46	17.00	15.26	17.00	15.26	17.00		17.00	13.71	15.50	14.22	16.00	100.00
		46	5230	17.22	19.00		19.00	15.52	17.00	17.22	19.00	15.32	17.00		19.00	13.76	15.50	14.23	16.00	
	802.11ac-VHT20 MCS0	36	5180	18.70	20.50		20.00		17.00	18.70	20.50		17.00		19.50		15.50		16.00	97.78
		40	5200	18.68	20.50		20.00		17.00	18.68	20.50		17.00		19.50		15.50		16.00	
		44	5220	18.66	20.50		20.00		17.00	18.66	20.50		17.00		19.50		15.50		16.00	
		48	5240	18.64	20.50		20.00		17.00	18.64	20.50		17.00		19.50		15.50		16.00	
	802.11ac-VHT40 MCS0	38	5190	15.16	17.00		17.50		17.00	15.66	17.50		17.00		17.50		15.50		16.00	100.00
		46	5230	17.14	19.00		19.00		17.00	17.14	19.00		17.00		19.00		15.50		16.00	
	802.11ac-VHT80 MCS0	42	5210	13.12	15.00		15.00		15.00	13.12	15.00		15.00		15.00		15.00		15.00	100.00

5.3GHz WLAN_Ant 5				Default		Head_Standalone		Head_Simultaneous		Body Worn_Standalone		Body Worn_Simultaneous		Extremity_Standalone		Extremity_Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	18.85	20.50	18.38	20.00		17.00	18.85	20.50		17.00	17.94	19.50		15.50	96.55
		56	5280	18.89	20.50	18.35	20.00		17.00	18.89	20.50		17.00	17.86	19.50		15.50	
		60	5300	18.91	20.50	18.49	20.00		17.00	18.91	20.50		17.00	17.99	19.50		15.50	
		64	5320	18.39	20.00	18.39	20.00		17.00	18.39	20.00		17.00	17.86	19.50		15.50	
	802.11n-HT20 MCS0	52	5260	18.75	20.50	No Required	20.00		17.00	18.75	20.50		17.00	No Required	19.50	No Required	15.50	96.27
		56	5280	18.78	20.50		20.00		17.00	18.78	20.50		17.00		19.50		15.50	
		60	5300	18.80	20.50		20.00		17.00	18.80	20.50		17.00		19.50		15.50	
		64	5320	17.25	19.00		19.00		17.00	17.25	19.00		17.00		19.00		15.50	
	802.11n-HT40 MCS0	54	5270	17.19	19.00		19.00	15.53	17.00	17.19	19.00	15.23	17.00		19.00		15.50	100.00
		62	5310	15.25	17.00		17.00	15.55	17.00	15.25	17.00	15.25	17.00		17.00		15.50	
	802.11ac-VHT20 MCS0	52	5260	18.62	20.50		20.00		17.00	18.62	20.50		17.00		19.50		15.50	97.78
		56	5280	18.65	20.50		20.00		17.00	18.65	20.50		17.00		19.50		15.50	
		60	5300	18.68	20.50		20.00		17.00	18.68	20.50		17.00		19.50		15.50	
		64	5320	17.11	19.00		19.00		17.00	17.11	19.00		17.00		19.00		15.50	
	802.11ac-VHT40 MCS0	54	5270	17.12	19.00		19.00		17.00	17.12	19.00		17.00		19.00		15.50	100.00
		62	5310	15.16	17.00		17.00		17.00	15.16	17.00		17.00		17.00		15.50	
	802.11ac-VHT80 MCS0	58	5290	14.11	16.00		16.00		16.00	14.11	16.00		16.00		16.00	13.69	15.50	100.00

5.5GHz WLAN_Ant 5				Default		Head_Standalone		Head_Simultaneous		Body Worn_Standalone		Body Worn_Simultaneous		Extremity_Standalone		Extremity_Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.98	20.50	No Required	17.00	No Required	14.50	No Required	18.00	No Required	14.50	No Required	18.02	19.50	No Required	15.50	96.55
		116	5580	18.82	20.50		17.00		14.50		18.00		14.50		17.85	19.50		15.50	
		124	5620	18.84	20.50		17.00		14.50		18.00		14.50		17.94	19.50		15.50	
		132	5660	18.88	20.50		17.00		14.50		18.00		14.50		17.96	19.50		15.50	
		140	5700	16.36	18.00		17.00		14.50		18.00		14.50		16.36	18.00		15.50	
		144	5720	18.95	20.50		17.00		14.50		18.00		14.50		18.01	19.50		15.50	
	802.11n-HT20 MCS0	100	5500	18.83	20.50		17.00		14.50		18.00		14.50			19.50		15.50	96.27
		116	5580	18.74	20.50		17.00		14.50		18.00		14.50			19.50		15.50	
		124	5620	18.76	20.50		17.00		14.50		18.00		14.50			19.50		15.50	
		132	5660	18.79	20.50		17.00		14.50		18.00		14.50			19.50		15.50	
		140	5700	17.37	19.00		17.00		14.50		18.00		14.50			19.00		15.50	
		144	5720	18.78	20.50		17.00		14.50		18.00		14.50			19.50		15.50	
	802.11n-HT40 MCS0	102	5510	17.31	19.00		17.00		14.50		18.00		14.50			19.00		15.50	100.00
		110	5550	17.24	19.00		17.00		14.50		18.00		14.50			19.00		15.50	
		126	5630	17.78	19.00		17.00		14.50		18.00		14.50			19.00		15.50	
		134	5670	17.34	19.00		17.00		14.50		18.00		14.50			19.00		15.50	
		142	5710	17.45	19.00		17.00		14.50		18.00		14.50			19.00		15.50	
	802.11ac-VHT20 MCS0	100	5500	18.72	20.50		17.00		14.50		18.00		14.50			19.50		15.50	97.78
		116	5580	18.61	20.50		17.00		14.50		18.00		14.50			19.50		15.50	
		124	5620	18.63	20.50		17.00		14.50		18.00		14.50			19.50		15.50	
		132	5660	18.67	20.50		17.00		14.50		18.00		14.50			19.50		15.50	
		140	5700	17.21	19.00		17.00		14.50		18.00		14.50			19.00		15.50	
		144	5720	18.65	20.50		17.00		14.50		18.00		14.50			19.50		15.50	
	802.11ac-VHT40 MCS0	102	5510	17.21	19.00		17.00		14.50		18.00		14.50			19.00		15.50	100.00
		110	5550	17.17	19.00		17.00		14.50		18.00		14.50			19.00		15.50	
		126	5630	17.70	19.00		17.00		14.50		18.00		14.50			19.00		15.50	
		134	5670	17.25	19.00		17.00		14.50		18.00		14.50			19.00		15.50	
		142	5710	17.35	19.00		17.00		14.50		18.00		14.50			19.00		15.50	
	802.11ac-VHT80 MCS0	106	5530	15.75	17.50	15.26	17.00	13.04	14.50	15.75	17.50	12.71	14.50			17.50	13.81	15.50	100.00
		122	5610	16.14	18.00	15.18	17.00	12.99	14.50	16.14	18.00	12.74	14.50			18.00	13.70	15.50	
		138	5690	16.26	18.00	15.30	17.00	13.12	14.50	16.26	18.00	12.79	14.50			18.00	13.83	15.50	

5.8GHz WLAN_Ant 5				Default		Head_Standalone		Head_Simultaneous		Body Worn_Standalone		Body Worn_Simultaneous		Extremity_Standalone		Extremity_Simultaneous		Hotspot		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	18.61	20.00	No Required	17.00	No Required	14.00	No Required	18.00	No Required	14.50	No Required	18.22	19.50	No Required	15.50	13.50	96.55
		157	5785	18.69	20.00		17.00		14.00		18.00		14.50		18.23	19.50		15.50	13.50	
		165	5825	18.64	20.00		17.00		14.00		18.00		14.50		18.12	19.50		15.50	13.50	
	802.11n-HT20 MCS0	149	5745	18.53	20.00		17.00		14.00		18.00		14.50			19.50		15.50	13.50	96.27
		157	5785	18.55	20.00		17.00		14.00		18.00		14.50			19.50		15.50	13.50	
		165	5825	18.54	20.00		17.00		14.00		18.00		14.50			19.50		15.50	13.50	
	802.11n-HT40 MCS0	151	5755	17.08	19.00		17.00		14.00		18.00		14.50			19.00		15.50	13.50	100.00
		159	5795	17.05	19.00		17.00		14.00		18.00		14.50			19.00		15.50	13.50	
	802.11ac-VHT20 MCS0	149	5745	18.41	20.00		17.00		14.00		18.00		14.50			19.50		15.50	13.50	97.78
		157	5785	18.46	20.00		17.00		14.00		18.00		14.50			19.50		15.50	13.50	
		165	5825	18.45	20.00		17.00		14.00		18.00		14.50			19.50		15.50	13.50	
	802.11ac-VHT40 MCS0	151	5755	17.03	19.00		17.00		14.00		18.00		14.50			19.00		15.50	13.50	100.00
		159	5795	17.02	19.00		17.00		14.00		18.00		14.50			19.00		15.50	13.50	
	802.11ac-VHT80 MCS0	155	5775	16.01	18.00	15.10	17.00	12.51	14.00	16.01	18.00	12.61	14.50			18.00	13.66	15.50	11.55	13.50	100.00

BR / EDR			Ant 6		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.20	8.60	8.40
	CH 39	2441	10.90	8.40	8.30
	CH 78	2480	10.80	8.40	8.40
Tune-up Limit			12	10	10

BLE			Ant 6			
Mode	Channel	Frequency (MHz)	Average power (dBm)			
			1Mbps	2Mbps	125K	500K
LE	CH 00	2402	1.20	1.40	1.30	1.20
	CH 19	2440	2.10	2.20	2.20	2.10
	CH 39	2480	1.60	1.80	1.70	1.60
Tune-up Limit			3	3	3	3